BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

EASTERN ZONE BENCH, KOLKATA

ORIGINAL APPLICATION NO. 41 OF 2024

IN THE MATTER OF:

NANDA JHODIA & ANOTHER …APPLICANTS

VERSUS

UTKAL ALUMINA INTERNATIONAL LTD. & ORS.

…RESPONDENTS

INDEX NDOH 24.09.2024

SR.No	Particulars	Page No.
1	Reply On Behalf Of Respondent No. 1, Utkal Alumina International Limited.	**202-238**
2	**Annexure R1/1** A Complete copy of the report dated 06.01.2023 of the Committee along with the monitoring reports	**239-262**
3	**Annexure R1/2** A copy of the order dated 14.03.2023 with a forwarding letter dated 16.03.2023 passed by the Revenue Divisional Commissioner, Southern Division, Behrampur	**263-269**
4	**Annexure R1/3** A copy of the minutes of the 5th & 6th RPDAC meetings dated 09.12.2017 and 06.10.2022	**270-286**

5	**Annexure R1/4** A copy of the letter dated 05.06.2023 containing the monitoring reports and compliance status	**287-303**
6	**Annexure R1/5** A copy of the order dated 01.07.2023 bearing No. 92/X-13/2023	**304**
7	**Annexure R1/6** A copy of the letter dated 01.06.2023 sent by Respondent No. 1 to Respondent No. 4	**305-306**
8	**Annexure R1/7** Photographs depicting that the Long Distance Conveyor used to transport bauxite from the mines to the plant is covered and does not cause fugitive emissions	**307-317**
9	**Annexure R1/8** A copy of the Environmental Impact Assessment & Environmental Management Plan prepared by Kalyani Laboratories Pvt. Ltd. in December 2017	**318-655**
10	**Annexure R1/9** A list of the contractual and permanent employees belonging from Lachhuguda village	**656-657**

11	**Annexure R1/10** A Photographs evidencing Respondent No. 1's active participation in the village community	**658-659**
12	**Annexure R1/11** A copy of the purchase order issued to National Institute of Technology, Rourkela dated 30.12.2023	**660-667**
13	**Annexure R1/12** A local miscreants have destroyed the plants time and again. Photographs depicting plantation of trees	**668-697**
14	**Annexure R1/13** A copy of the Operations & Maintenance Agreement dated 12.07.2023	**698-806**
15	**Annexure R1/14** Roller Replacement details of the LDC for the period May 2020 to February 2024 as contained in reports signed by the engineers	**807-824**
16	**Annexure R1/15** comprising the coupling and alignment details, as well as the Preventive Maintenance Compliance Reports for the period 2017 to 2024	**825-1128**
17	**Annexure R1/16**	**1129-1141**

	Copies of reports of noise and dust monitoring carried out by OSPCB approved agency	
18	**Annexure R1/17** Copies of reports of vibration analysis	**1142-1444**
19	**Annexure R1/18** A copy of the purchase order issued on 10.04.2024 for construction of RCC road connecting Lachhuguda village and IMJH	**1145-1153**
20	**Annexure R1/19** The ground water testing reports dated 08.01.2024, 08.02.2024 and 09.03.2024	**1154-1180**
21	**Annexure R1/20** A copy of the Final Report on Partial Rehabilitation Plan for Fly Ash Pond dated January 2024	**1181-1210**
22	**Annexure R1/21** A copy of the Compliance Report depicting the compliance status of the CTO sent to OSPCB on 09.12.2023	**1211-1261**
23	**Annexure R1/22** A copy of the EC Compliance Report for the period 01.10.2023 to 31.03.2024	**1262-1422**
24	**Proo of Service**	**1423**

Through Respondents

ACARA LAW LLP ADVOCATE

B-41 SOAMI NAGAR SOUTH

NEW DELHI -110017

MOB:9810455042

Dated: 06.09.2024

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL

EASTERN ZONE BENCH, KOLKATA

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UTKAL ALUMINA INTERNATIONAL LTD. & ORS.

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REPLY ON BEHALF OF RESPONDENT NO. 1, UTKAL ALUMINA INTERNATIONAL LIMITED

MOST RESPECTFULLY SHOWETH:

I, Uttam Giri, aged about 45 years, working as Vice President with M/s. Utkal Alumina International Limited, having residence at UAIL Oshapada Township , do hereby solemnly affirm and declare as under:-

1. That I am the Authorized Representative of Respondent No. 1. I am fully conversant with the facts and circumstances of the present case based on the records maintained by Respondent No. 1 in the usual course of business. I am competent to affirm this affidavit on behalf of Respondent No. 1.

2. At the outset, it is stated that all averments made by the Applicants in the present Application, save and except those being matter of record and/or are specifically admitted herein, are denied. It is

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stated that any omission to deal with any statement, contention, allegation and/ or averment made in the present Application, should not be treated as an admission thereof, unless the same has been specifically admitted. It is submitted that the Applicants are guilty of *suppresio veri* and *suggestio falsi* before this Hon'ble Tribunal inasmuch as the Applicants have wilfully suppressed material facts and information and have presented a false narrative qua the environmental compliances. The Applicants have made allegations of non-compliance of environmental norms against the Answering Respondent and failure of the official Respondents to fulfil their statutory obligation of ensuring compliance, without disclosing the complete facts prior to filing of the present Application.

PRELIMINARY OBJECTIONS:

3. The Applicants have approached this Hon'ble Tribunal with unclean hands and have deliberately suppressed material information from this Hon'ble Tribunal.

4. It is submitted that the purported cause of action for filing the present Application dated 23.01.2024 by the Applicants, last arose on 20.12.2022 and 31.12.2022 when the Committee constituted by Respondent No. 4 (District Collector, Rayagada) conducted

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RAYAGADA

inspection in pursuance of the instructions received from Respondent No. 3 i.e. the Revenue Divisional Commissioner, Southern Division, Behrampur (**"RDC"**) on 15.12.2022. The Applicants have deliberately suppressed the remedial measures undertaken by Respondent No. 1 pursuant to the corrective steps that were recommended by the Committee vide its reports dated 22.12.2022 and 06.01.2023.

5. Further, the Applicants have deliberately filed an incomplete copy of the report dated 06.01.2023 (Annexure-3 to the Application) of the Committee without its annexures, including Ambient Air Quality Monitoring, Noise Monitoring and Water Sample Reports. Complete copy of the report dated 06.01.2023 of the Committee alongwith the monitoring reports is annexed hereto and marked as **Annexure R1/1**.

6. The Hon'ble High Court, while disposing of W.P.(C) No. 24990/2022 (filed by the Applicants herein alongwith other petitioners), had directed the RDC to take a decision on the said writ petition in accordance with law and communicate the result of such exercise to the petitioners therein. Accordingly, meetings were held before the RDC on 15.12.2022 and 02.02.2023, wherein the villagers, including the Applicants were present with their

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NOTARY PUBLIC
RAYAGADA

advocate. In the said meetings, the grievances of the villagers were heard at length and the RDC, vide order dated 14.03.2023, held that remedial steps and strict compliance of the recommendations were sufficient for redressal of grievances without the need for relocation. The matter was disposed of by the RDC with directions to Respondent No. 4 to head an Environment Management Committee comprising DFO Rayagada, Tehsildar Kashipur, R.O. Rayagada (SPCB), officials of Respondent No. 1 and two responsible village representatives of Lachhuguda to monitor implementation of the recommendations and pollution levels in and around the plant. The said Committee was also directed to *"meet once every two months to appraise progress and also to address the immediate environmental concerns/ grievance of the people"*. A copy of the order dated 14.03.2023 with a forwarding letter dated 16.03.2023 passed by the Revenue Divisional Commissioner, Southern Division, Berhampur is annexed hereto and marked as **Annexure R1/2**.

7. In W.P.(C) No. 24990/2022, the petitioners had alleged that no Rehabilitation and Periphery Development Advisory Committee (RPDAC) meeting had been held since 2017. It is submitted that in the meeting held before the RDC on 02.02.2023, the said averment of the petitioners (which also includes the Applicants

herein), was discussed at length and the RDC had informed the petitioners that the 5th & 6th RPDAC meetings were held on 09.12.2017 and 06.10.2022, respectively, wherein the concerns of the villagers of Lachhuguda were recorded in the proceedings. Resultantly, the Applicants are well aware of the discussions concerning the issues of relocation of the villagers of Dwimundi, D. Karal and Lachhuguda, demand of villagers of Paikakupakhal on periphery developments, utilization of the CSR funds of Respondent No. 1, creation of corpus fund for higher education, precautionary measures taken qua Baphlimali Mines, functioning of the grievance cell in Respondent No. 1's premises, etc. It is submitted that despite such detailed discussions and deliberation, the Applicants have knowingly suppressed the same from this Hon'ble Tribunal. A copy of the minutes of the 5th & 6th RPDAC meetings dated 09.12.2017 and 06.10.2022, respectively are annexed hereto and marked as **Annexure R1/3**.

8. In view of the discussions held in the aforementioned meetings, the RDC had concluded that owing to the definition of "Displaced Family" under Clause 2(d) of the Orissa Rehabilitation and Resettlement Policy, 2006, the villagers of Dwimundi and Lachhuguda were not entitled to rehabilitation since the homestead land of the villagers were not acquired by Respondent

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No. 1, and *"relocation to an alternative site is a direct corollary to acquisition"*.

9. The State Pollution Control Board, Odisha, in accordance with the directions of Respondent No. 3, has conducted inspection and air, water & noise monitoring of the Respondent No. 1 plant to verify the environmental rectification measures undertaken by Respondent No. 1, on 28.03.2023 and 31.05.2023. The aforesaid reports have been submitted to Respondent No. 4 vide a forwarding letter dated 05.06.2023. A copy of the letter dated 05.06.2023 containing the monitoring reports and compliance status is annexed hereto and marked as **Annexure R1/4**.

10. It is submitted that Respondent No. 4 has passed an order dated 01.07.2023 in consonance with the directions passed by Respondent No. 3 in the order dated 14.03.2023, whereby an Environment Management Committee has been constituted to monitor the implementation of the said order and monitor pollution levels in and around Lachhuguda village. The Applicants are active members of the aforesaid Committee and are participants of the Committee meetings held every two months and are therefore well aware of its proceedings. Despite the same, the Applicants have deliberately failed to disclose the aforesaid information despite actively participating in the meetings and

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proceedings of the Environment Management Committee. Such wilful omissions on the part of the Applicants depict their *malafide* intention and ulterior motive. A copy of the order dated 01.07.2023 bearing No. 92/X-13/2023 is annexed hereto and marked as **Annexure R1/5**.

11. The Applicants have conveniently opted not to file a single document consequent to the aforementioned committee inspections notwithstanding their active participation in the proceedings before the RDC. It is noteworthy that even after the order dated 14.03.2023, Respondent No. 1 has made continuous efforts to constructively implement the recommendations of the RDC which is evident from the letter dated 01.06.2023 sent to Respondent No. 4 wherein the directives issued by the RDC were categorically addressed. A copy of the letter dated 01.06.2023 sent by Respondent No. 1 to Respondent No. 4 is annexed hereto and marked as **Annexure R1/6**.

12. That further, the allegation made by the Applicants in the present Application that during inspection carried out on 31.12.2022, the speed of the conveyor belt was reduced to half to minimise the noise and dust pollution and after inspection, the conveyor belt was operated at its original speed of 1500 TPH is wrong and baseless. It is submitted that the conveyor belt is capable of

running at 1800 RPM and can transport 3000 tonnes of bauxite per hour ("**TPH**") at that speed, however, since its installation, the conveyor belt operates at 900 RPM and transports 1500 TPH of bauxite. . No such question/ allegation pertaining to the speed of the conveyor belt was ever raised during inspection and clearly such allegation has been made as an afterthought to file the present Application.

13. Further, the allegation made by the Applicants that the Answering Respondent has not complied with its CTO conditions is also baseless and unsubstantiated. The Applicants have failed to cite a single occasion of such alleged violation or place on record any document qua such alleged violation.

14. Further, the Applicants have sought directions from this Hon'ble Tribunal against Respondent No. 1 qua restoration of purported land and water bodies without mentioning a single waterbody or piece of land allegedly polluted by Respondent No. 1. It is trite law that a relief bereft of any supporting pleading cannot be granted by a court of law. Photographs depicting that the Long Distance Conveyor used to transport bauxite from the mines to the plant is covered and does not cause fugitive emissions are annexed hereto and marked as **Annexure R1/7**.

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15. Last but not the least, the present Application is not maintainable by virtue of Section 14(3) of the National Green Tribunal Act, 2010 in as much as the present Application has been filed beyond 6 months from the inspection reports dated 22.12.2022 and 06.01.2023 basis which the present Application has been filed.

PRELIMINARY SUBMISSIONS:

16. It is submitted that Respondent No. 1, Utkal Alumina International Limited, is a 100 per cent subsidiary of Hindalco Industries Limited, a metals flagship of Aditya Birla Group. It is a leading alumina refinery and operates in the Rayagada district of Odisha. It comprises a 2.12 MTPA (presently running at 2.67 MTPA) alumina refinery, captive Baphlimali bauxite mines of 8MTPA with valid lease title up to February 2048, and a captive co-generation power plant of 90MW along with a 5MW solar power plant. Respondent No. 1, being a world-class refinery with state-of-the-art technology procured from the world's acclaimed technology supplier, Rio-Tinto-Alcan, has the best quality bauxite as its input, and an environment-friendly logistics network for bauxite, other raw materials including caustic soda, lime, furnace oil and coal as well as the finished product i.e. calcined alumina, through conveyors and railway networks. The bauxite for

Respondent No. 1 is sourced from Baphlimali mines and travels over an 18.2 km Long Distance Conveyor (LDC).

17. Respondent No. 1 caters to 70 per cent of Hindalco's smelter's alumina requirement and supplies to other domestic and international market. The alumina supplied by Respondent No. 1 is used in the production of niche aluminium metal catering to sectors like aviation and space, defence, food & beverage, transport etc. Respondent No. 1 has recorded production of 2.311 million tonnes in FY 2022-23 and continues to be the most economical and efficient alumina producer globally, providing strong support to most of Hindalco's India smelting facilities, leading to better cost optimisation.

18. It is submitted that Respondent No. 1 has established the alumina refinery plant at Doraguda, Rayagada, Odisha upon entering into two lease agreements with the Orissa Industrial Infrastructure Development Corporation (OIIDC). The first lease deed dated 23.03.1998 was registered for the purpose of leasing 1875.5 Acres of land in villages Osapada, Makapadar, Gokulmunda, Tikiri, Tikarapada, Koral, Bagarijhola, Bhitarmuchkini, Bilamala, Ramibeda, Raimachapurunapadar and Dwimundi located in Rayagada District, Odisha for a term of 90 years. The second lease deed dated 25.04.2000 was registered for the purpose of leasing

278.18 acres of land in villages Lundrukona, Jogiparitunda, Naringjodi, Andarikanch, Peringini, Ratachuan, Kodipari, Kanhagumma, Ambiligudatunda, Osapada, Gokulmunda, Bagarijhola, Hathikhamana, Paikakupakhal, Gaimuntunda and Dwimundi located in Rayagada District, Odisha for a term of 90 years as well. Apart from the land leased out to Respondent No. 1 by OIIDC, 415.02 acres of land were leased out by the Government. It is noteworthy from a bare perusal of the aforementioned lease deeds, that no piece of land from Lachhuguda village was either acquired by OIIDC or leased out to Respondent No. 1.

19. It is submitted that expansion of the Alumina Refinery (1.5 MTPA to 3.0 MTPA) and the Co-Generation Power Plant (90 MW to 150 MW) upon grant of Environmental Clearance dated 25.06.2018 (Annexure 5 to the O.A.) is to be completed on the land which had already been leased out to Respondent No. 1 vide the aforementioned Lease Deeds. The EC was granted to Respondent No. 1 for expansion consequent to fulfilment of all necessary criteria as detailed in the Environmental Impact Assessment & Environmental Management Plan prepared by Kalyani Laboratories Pvt. Ltd. A copy of the Environmental Impact Assessment & Environmental Management Plan prepared by

Kalyani Laboratories Pvt. Ltd. in December 2017 is annexed hereto and marked as **Annexure R1/8.**

20. Respondent No. 1 has made sustained efforts towards socio-economic well-being and transforming the lives in the tribal hinterland by relentlessly working to improve the Human Development Index through various CSR, CR & sustainability initiatives in 232 villages of 25 gram panchayats of Odisha. Respondent No. 1 has impacted education, healthcare, sustainable livelihood, rural infrastructure and its unique multi-stakeholder-based initiatives are in line with the Sustainable Developmental Goal of United Nations, 2030.

21. From Lachhuguda village alone, Respondent No. 1 has employed 37 skilled, semi-skilled and unskilled contractual employees and 9 permanent employees working in the Safety and Refinery Operations Departments. A list of the contractual and permanent employees belonging from Lachhuguda village is annexed hereto and marked as **Annexure R1/9**.

<u>Activities undertaken by Respondent No. 1 towards fulfilment of its Corporate Social Responsibility:</u>

22. Respondent No. 1 has constantly endeavoured to achieve community development through its five pillars of intervention, namely education, healthcare, sustainable livelihood, rural infrastructure and socio-economic welfare, the programmes whereof are detailed hereinbelow:

    i. Education: Respondent No. 1 has facilitated imparting education to the children of Osapada, about 52 Kms from Rayagada, the Administrative Headquarters of Rayagada District, Odisha by setting up Aditya Birla Public School, Rayagada, which is a co-educational senior secondary school affiliated to the Central Board of Secondary Education, New Delhi with around 880 students. An amount of Rs. 2,48,793/- has been donated by Respondent No. 1 for renovation of an Anganwadi centre at Lachhuguda village whereby health care activities including contraceptive counselling and supply, nutrition education and supplementation, as well as pre-school training are provided to the children of the village. Respondent No.1 has also constructed a school boundary wall and repaired the school building at Lachhuguda village.

    ii. Healthcare: Respondent No. 1 has provided door to door healthcare services with a dedicated paramedical team

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RAYAGADA

under the Nirogashala project by approving a purchase requisition of Rs. 11,20,513/-. Two borewells, one at Lachhuguda village and the other at Jhodiasahi have also been installed through local contractors at a combined cost of Rs. 8,37,175/-, thereby providing fresh drinking water to the villagers. The villagers have hugely benefitted from mobile healthcare units, free medical treatment at Nuapada Health Centre & Utkal Hospital, provision of ambulances for referral patients, health awareness programmes, financial assistance for medical treatment, construction of 82 household toilets, construction of drain at Lachhuguda village for a cost of Rs. 2,22,213/- in FY 2019-20, repairs done to handpumps, distribution of food packets to TB patients etc.

iii. Sustainable Livelihood: Respondent No. 1 has actively participated in promoting awareness qua agriculture and livestock by organizing livestock vaccination camp, providing vegetable seeds under Project Samriddhi (an integrated agri-horticulture development programme), promoting farmers' club, supplying agricultural equipment and travis for livestock development and constructing irrigation channels.

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RAYAGADA

iv. Rural Infrastructure Development: In February 2024, Respondent No. 1 has invested Rs. 8,10,000/- for construction of a community hall. Respondent No. 1 has further constructed cement concrete roads connecting the school to Jhodia Sahi of Lachhuguda village by investing an amount of Rs. 1,64,744/-, connecting Goud Sahi of Lachhuguda village for Rs. 2,65,064/-, connecting Lachhuguda village to the Long-Distance Conveyor Road for Rs. 2,41,752/-, etc. Apart from construction of various other cement concrete roads, Respondent No. 1 has also constructed steps to the river in Lachhuguda village, masonry drain, boundary wall fencing for the temple at Lachhuguda village, sitting altar, etc. Solar street lighting systems have also been provided at various places in the villages and repair works are carried out for proper maintenance of the roads, culverts, walls as and when required.

v. Socio-economic welfare: Social security support for 18 villagers with disabilities, 27 old individuals are provided by Respondent No. 1 at a cost of Rs. 22,50,000/- per annum. Respondent No. 1 is determined to raise community awareness and has organized street plays promoting anti-alcoholism, programmes shunning the practice of child

marriage and self-help groups. Local cultural festivals are also financially supported by Respondent No. 1. Photographs evidencing Respondent No. 1's active participation in the village community are annexed hereto and marked as **Annexure R1/10**

Action taken by Respondent No. 1 in pursuance of the recommendations made by the Committee on 22.12.2022 and 06.01.2023:

23. The steps taken by Respondent No. 1 towards implementation of the recommendations of the Committee are tabulated hereunder:

Sl. No.	Recommendations made by the Committee in respect of different locations in the project area of Respondent No. 1	Implementation status of the recommendations by Respondent No. 1
1.	**Red Mud Pond:** The Committee recommended utilization of dust suppression measures like mobile water tanker and mist cannon and immediate	In order to mitigate the dry disposal of red mud and fugitive dust emission in the red mud pond area, a mobile water tanker of 12 KL capacity has been deployed and is put to use on a regular basis. A fixed sprinkler pipeline of 2.2

	maintenance of the internal roads of the Red Mud Pond.	km length with 35 nozzles/ spraying points has been installed to keep the red mud and the internal roads moist. Additionally, one fog cannon of 12 KL capacity has also been put to use for water sprinkling on haul roads of the red mud pond area. In view of the Committee's recommendation of repairing the internal roads, height of such internal roads has been raised and certain portions have also been black topped. Respondent No. 1 has also planted around 33,500 trees around the red mud pond area till 2020 which have often been uprooted by local miscreants. To mitigate the affects of rain cuts and wash outs, frequent slope correction is carried out in consultation with IIT, Bhubaneshwar. Respondent No. 1 is further in the process of coir matting the pond A section to prevent dust dissipation.



2.	**Ash Pond:** The Committee recommended deployment of more security personnel with entry gate system at the Ash Pond area to prevent unauthorized entry of human as well as animals. Deployment of mist cannon at the Ash Pond area for better dust suppression during rainy season was also suggested.	Respondent No. 1 is using the ash pond intermittently and only 3% of the total ash generated is being transferred to the ash pond through the High Concentration Slurry Disposal System. The remaining 97% is being utilized by filling up low lying areas and by supplying to cement manufacturers, NHAI etc. Since High Density Polyethylene liners used to layer the embankments to prevent seepage were being stolen by the villagers, four security personnel have been deployed to guard the ash pond area, who have also been instructed to prevent stray animals from encroaching. The primary recommendation of the Committee with regard to the ash pond was to prevent unauthorized entry of animals and prevent fugitive dust emission, which have since been categorically

NOTARY PUBLIC At/PO/Dist:RAYAGADA 765001 * MOHESWAR MICHAPATRO Regd.No.ON 20/2005 * Govt. Of Orissa *

Mahapatro NOTARY PUBLIC RAYAGADA

		addressed. It is pertinent to mention herein that Respondent No. 1 has engaged National Institute of Technology, Rourkela for retrofitting and strengthening the Ash Pond and sites inside the plant for safe ash disposal at a total cost of Rs. 63,24,800/- A copy of the purchase order issued to National Institute of Technology, Rourkela dated 30.12.2023 is annexed hereto and marked as **Annexure R1/11**. Respondent No. 1 has further undertaken large scale plantation activities around the Ash Pond with 9000 trees planted in FY 2020-2021 and 1000 trees in FY 2021-2022. However, local miscreants have destroyed the plants time and again. Photographs depicting plantation of trees are annexed hereto and marked as **Annexure R1/12**.
3.	**Long Distance Conveyor Belt (LDC):** The	Respondent No. 1 has, all along made efforts to completely guard/ cover the

NOTARY PUBLIC DIST. RAYAGADA 765001 * GOVT. OF ORISSA * MOHESWAR MISHRA PATRO Regd.No.ON 20/2003

NOTARY PUBLIC RAYAGADA

	Committee recommended to ensure proper hood covering of the bauxite conveyors to control noise during operation of the unit.	LDC to prevent spillage of bauxite ore during transportation and to mitigate the noise caused due to running of the LDC. Consequent to the committee inspections, further measures have been taken by painting, repairing and installing new sheets in the portions of the LDC which were in need of maintenance. In areas where the LDC is close to the ground, metal fences have been placed to prevent animals from entering. Security guards/ line operators have also been deployed to monitor the areas round the clock. It is submitted that Respondent No. 1 has entered into an Operation & Maintenance Agreement with Sri Aditya Logistics Pvt. Ltd. on 12.07.2023 for maintenance of the entire LDC system alongwith its accessories. A copy of the Operations & Maintenance Agreement dated 12.07.2023 is annexed hereto and

NOTARY FEE ... Dist.RAYAGADA, 765017 * MOHESWAR M. Regd.No.ON 20/2003 * Govt.OF ORISSA *

Mahapatro Mahapatro NOTARY PUBLIC RAYAGADA

		marked as **Annexure R1/13**. It is further submitted that Respondent No. 1 has regularly made repairs to the LDC in order to prevent noise pollution from parts in need of maintenance and ensure smooth functioning of the LDC including replacing idlers. Roller Replacement details of the LDC for the period May 2020 to February 2024 as contained in reports signed by the engineers are annexed hereto and marked as **Annexure R1/14**.
4.	**Intermediate Junction House (IMJH):** The Committee recommended to ensure proper and efficient functioning of all dust suppression systems to avoid any fugitive emissions towards the nearby village. It was also recommended to regularly	Respondent No. 1 has installed new sheets to cover the IMJH completely. Acoustic enclosures and curtains have been installed all around the IMJH including the roof, for further noise reduction. Earlier the dry fog dust suppression system was installed at two locations (C1A at discharge and C1A at skirtboard area), however, three additional systems have been installed

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Maheswar Mohapatro NOTARY PUBLIC RAYAGADA

	maintain and check the dry fog system operating with high pressure in the IMJH and complete covering and enclosure of the IMJH. The Committee had further recommended installation of Dust Extraction System i.e. bag filter/ dust suppression system like Ultrasonic Fogging System (latest technology based) for effective dust control.	at C1A near snub pulley, C1A near bend pulley and C1A at the turnover junction. A new vacuum cleaner has also been stationed to clean the floors and decrease dust dissipation. To address fugitive dust, a dedicated housekeeping team has been deployed who work in two shifts throughout the day. Respondent No. 1 has made sustained efforts to reduce noise pollution caused by the IMJH by regularly maintaining the motor parts and installing new equipment whenever required. Such installations have considerably reduced the noise generated by the IMJH as is evident from a comparison of the Committee Report dated 06.01.2023 and Analysis Report of Noise Monitoring dated 08.04.2024 (Pg. 87). The highest readings in the Report dated 06.01.2023 from within Lachhuguda were 99.0 Lmax, 75.0 Lmin and 77.3

Addl. Public Prosecutor Addl. Sub-Divisional Magistrate Addl. Sub-Divisional Magistrate Addl. Sub-Divisional Magistrate

		Leq dB(A), whereas the Analysis Report submitted by Respondent No. 4 has the highest readings as 61.8 Lmax, 51.1 Lmin and 55.2 Leq dB(A). The Field Installation Checklists from February 2018 to March 2024, comprising the coupling and alignment details, as well as the Preventive Maintenance Compliance Reports for the period 2017 to 2024 are annexed hereto and marked as **Annexure R1/15**. Respondent No. 1 has further undertaken steps to weekly monitor the noise and dust emission by a third party approved by OSPCB. Vibration analysis of the IMJH is also done periodically. Copies of reports of noise and dust monitoring carried out by OSPCB approved agency are annexed hereto and marked as **Annexure R1/16**.

NOTARY PUBLIC KOP/Dist:RAYAGADA
MAHESWAR MOHAPATRO
Regd.No.ON 20/2003
GOVT. OF ORISSA

Maheswar Mohapatro
NOTARY PUBLIC
RAYAGADA

		Copies of reports of vibration analysis are annexed hereto and marked as **Annexure R1/17**.
5.	**Rod Mill:**	Although, the aforementioned committee reports failed to find any mention of the Rod Mill, Respondent No. 1 has installed sheets, echo absorbers and acoustic enclosures around the Rod Mill to address all fugitive emissions and noise concerns.
6.	**Pollution caused by heavy vehicles plying on the village roads:** The Committee recommended taking suitable steps by concreting of road passes along the village Lachhuguda, regular water sprinkling along the said road and plantations to keep the AAQ within the prescribed norm.	Respondent No. 1 has taken concrete steps to reduce the dust caused due to plying of heavy vehicles by black topping the roads and ensuring regular water sprinkling. However, the road between the IMJH and Lachhuguda village could not be black topped since it forms a part of the private land of the villagers and has been protested against. However, a Reinforced Cement Concrete (RCC) road has been constructed for which a purchase order

NOTARY PUBLIC, At/PO/Dist:RAYAGADA, Pin-765001 MOHESWAR MOHAPATRO Regd.No.ON 20/2003 * Govt OF ORISSA *

Madhusudan Mangaraj NOTARY PUBLIC RAYAGADA

		was issued on 10.04.2024. A road sweeping machine of 10 metric cube capacity is also functioning regularly. A copy of the purchase order issued on 10.04.2024 for construction of RCC road connecting Lachhuguda village and IMJH is annexed hereto and marked as **Annexure R1/18**.
7.	Other measures: The Committee recommended installation of deep borewells with overhead tank facility and water supply system to the villagers at New Harijan Street and Gouda Street of the Lachhuguda village under CSR activities.	The Committee had also recommended installation of deep borewells with overhead tank facility and water supply system to the villagers at New Harijan Street and Gouda Street. Both the borewells have been installed and as such all recommendations of the committee have been implemented.

NOTARY PUBLIC A/P:O/Dist:RAYAGADA MOHESWAR MOHAPATRO Regd.No.ON 20/2003 Govt.OF ORISSA

24. It is submitted that the aforesaid recommendations of the Committee include the directions of the RDC in its order dated

Maheswar Manapatro NOTARY PUBLIC RAYAGADA

14.03.2023 (Annexure R1/2) and as such have also been implemented. For the ease of reference, the directions passed by the RDC are reproduced hereunder:

> *"a. To ensure proper & efficient functioning of all dust suppression systems to avoid any fugitive emissions from the plant towards nearby village.*
>
> *b. Regularly maintain and check the dry fog system operating with high pressure in the aforesaid junction house area for control of dust to the nearby village Lachhuguda. The company shall also upgrade the existing set-up with latest Dust Extraction System i.e., Bag filter/ Dust suppression system like Ultrasonic Misting/ Fogging System in the intermediate junction house area for effective dust control.*
>
> *c. Proactively take suitable steps for concreting/ black topping the roads used by its lorry/ trucks along the village Lachheguda and its vicinity, and regular water sprinkling along the said routes and plantations to maintain Ambient Air Quality within the prescribed norm in the village area.*
>
> *d. Deep Bore Well with Overhead Tank facility and water supply system shall be provided to the villagers at the New Harijan Street and at the Gouda Street of the Lachheguda village under CSR activities.*
>
> *e. The Company shall ensure the complete covering and enclosure of intermediate junction house and proper hood covering of Bauxite Conveyors to control noise during operation of the unit."*

25. It is submitted that in addition to implementation of the recommendations of the Committee, Respondent No. 1 has also conducted ground water testing on a monthly basis at various villages namely, Kuchipadar, Bagarijhola, Dwimundi, Lachhuguda, Bhitur Muchikumi as well as at different locations

such as the Red Mud Pond (piezometer wells 1, 2 & 3) and the Ash Pond. Pertinently, in the test report submitted by Respondent No. 4, Collector, Rayagada dated 24.04.2024 (Pgs. 90-92), the analysis results pertaining to the ground water sample collected from the tubewell within Lachhuguda are under the "Requirement (Acceptable limit)" barring the turbidity reading which is otherwise within the permissible limit. The ground water testing reports dated 08.01.2024, 08.02.2024 and 09.03.2024 are annexed hereto and marked as **Annexure R1/19**.

26. Respondent No. 1 has also taken steps for capping the Ash Pond and working towards its final closure. For the said purpose, Respondent No. 1 has awarded a project to the Indian Institute of Technology, Bhubaneshwar to carry out quantification of the fly ash stored in the ash pond, prepare a detailed project report for capping the ash pond including detailed design and stability certification of dykes, prepare a detailed procedure for ash pond capping, prepare a report for ash pond area reclamation with green cover identifying list of species and detailed BOQ, respond to queries from Odisha State Pollution Control Board, MoEF & CC etc. qua ash pond capping, extend the expertise in acquiring final closure certification from SPCB. A copy of the Final Report on

NOTARY PUBLIC DIST:RAYAGADA (ODISSA) MOHESWAR MC.PATRO Regd.NO:ON 20/2003

Maheswar Mohapatro NOTARY PUBLIC RAYAGADA

Partial Rehabilitation Plan for Fly Ash Pond dated January 2024 is annexed hereto and marked as **Annexure R1/20**.

27. It is submitted that Respondent No. 1 has complied with the terms enumerated in the Consent to Establish dated 29.09.2023 and the Consent to Operate dated 06.10.2023 issued by the OSPCB. A copy of the Compliance Report depicting the compliance status of the CTO sent to OSPCB on 09.12.2023 is annexed hereto and marked as **Annexure R1/21.**

28. It is also submitted that Respondent No. 1 is required to send half-yearly compliance reports of the Environmental Clearance issued for expansion. Respondent No. 1 has sent such half yearly compliance reports to the Addl. Principal Chief Conservator of Forest (C), MoEF & Climate Change, Govt. of India, Eastern Regional Office since grant of the EC on 25.06.2018. Therefore, it is evident that Respondent No. 1 has taken all necessary steps to adhere to the terms of the EC and the Respondent authorities have ensured timely compliance of such norms. A copy of the EC Compliance Report for the period 01.04.2023 to 30.09.2023 and a copy of the EC Compliance Report for the period 01.10.2023 to 31.03.2024 are annexed hereto and marked as **Annexure R1/22.**

NOTARY PUBLIC OF DIST. RAYAGADA. 765001 * MOHESWAR MICHAPATRO Regd. NO. ON 20/2003 * GOVT OF ORISSA

Mahaswar Michapatro NOTARY PUBLIC RAYAGADA

29. In the Committee Report submitted by Respondent No. 4 dated 15.04.2024, a recommendation has been made with regard to development of green belt around the ash pond and red mud pond. It has also been stated that the absence of a green belt around the red mud pond and ash pond might be in violation of regulation. The Environmental Clearance required Respondent No. 1 to develop a green belt on 353 Ha of land i.e. 33% of the plant area, which has been complied with by Respondent No. 1 in FY 2023-2024. Although, there is no specific requirement of development of a green belt around the red mud pond and ash pond, Respondent No. 1 has undertaken large scale plantation activities around the said areas which are evident from the EC Compliance Reports annexed with the present reply.

30. In view of the objections raised and the submissions made hereinabove, it is respectfully submitted that the present Application is devoid of merits and deserves to be dismissed with exemplary cost.

PARA-WISE REPLY TO THE ORIGINAL APPLICATION:

31. The contents of Paragraph 1 of the Application are wrong and denied. It is denied that the Applicants are villagers of

Lachhuguda. It is submitted that the Applicants have failed to bring any document on record to show that they belong from Lachhuguda. It is denied that there has been continuous noise and dust pollution surrounding the transfer point. It is denied that the villagers have consistently brought the issue of pollution caused by the unit to the notice of all concerned authorities through petitions and complaints. It is further denied that despite repeated complaints, the authorities did not take stringent action to restrain the private respondent from causing pollution due to conveyor belt, red mud pond, ash pond of Utkal Alumina International Limited, Doraguda and have forced the Applicants to file the present Application before this Hon'ble Tribunal. It is submitted that the Applicants deliberately concealed the inspection carried out by the committees constituted by the Respondent Authorities and the steps taken by Respondent No. 1 in pursuance of the recommendations made by the committees. It is also submitted that the monitoring done by the OSPCB and the compliance reports filed by Respondent No. 1 clearly depict the *bona fide* of Respondent No. 1 and the action taken by the Respondent authorities.

32. The contents of Paragraphs 2 & 3 of the Application are matters of record and merit no reply from the Answering Respondent.

33. The contents of Paragraph 4 of the Application are wrong and denied, save what are matters of record. It is denied that there was any inaction on part of the State Respondents and the Pollution Control Board. It is submitted that the Odisha State Pollution Control Board as well as Respondent Nos. 3 and 4 have made considerable efforts to redress the alleged grievances of the Applicants by constituting committees, carrying out inspections, issuing directives, ensuring compliances and suggesting corrective steps. It is submitted that the RDC has taken appropriate action in accordance with law prior to passing the order dated 14.03.2023 (Annexure R1/2). It is submitted that the submissions made hereinabove may be considered as a response to the paragraph under reply.

34. The contents of Paragraphs 5 and 6 of the Application relate to the committee inspections carried out on 20.12.2022 and 31.12.2022 and are a reproduction of the contents of the corresponding reports submitted by the committee on 22.12.2022 and 06.01.2023, respectively, and as such being matters of record merit no reply from the Answering Respondent.

35. The contents of Paragraph 7 of the Application are wrong and denied. It is denied that the photographs are dated 06.01.2024. It

is denied that the photographs show thick layer of dust on the trees, houses, cultivated lands and water bodies. It is submitted that the photographs annexed by the Applicants as Annexure 4 to the Application are photographs of trees and the locations of such trees are unknown. It is also submitted that the photographs do not show any house, cultivated land or waterbody and the allegations pertaining to such dust accumulation are baseless and unsubstantiated.

36. The contents of Paragraph 8 of the Application are wrong and denied. It is denied that the speed of the conveyor belt is reduced to half to minimise the noise and dust pollution and after inspection it is operated at 1500TPH. It is submitted that the submissions made in Paragraph 12 of the instant reply may be considered as a reply to the paragraph under reply. It is submitted that the Applicants are being put to strict proof with regard to their averments/ allegations.

37. The contents of Paragraph 9 of the Application are wrong and denied. It is denied that there is least possibility of coexistence of villagers with the Intermediate Junction House and conveyor belt. It is denied that Intermediate Junction House and the conveyor belt are polluting. It is further denied that if the unit is not shifted from

the village and the villages are ready to be located if the government consider them as displaced persons and benefits are extended to them.

38. The contents of Paragraph 10 of the Application are matters of record and merit no reply from the Answering Respondent.

PARA-WISE REPLY TO THE GROUNDS:

39. The contents of Ground A of the Application are wrong and denied. It is denied that the Consent to Operate is liable to be revoked for continuous non-compliance of the conditions imposed in the Consent to Operate. It is submitted that Respondent No. 1 has categorically submitted the compliance of the conditions contained in the Consent to Operate before the Odisha State Pollution Control Board and the Compliance Report has also been annexed with the present reply as Annexure R1/17. It is submitted that the Applicants have failed to cite a single instance of violation of the CTO or make any specific allegation with regard to non-compliance. The Applicants are being put to strict proof in relation to their allegations/ averments.

40. The contents of Ground B of the Application are wrong and denied. It is denied that the unit is liable to be closed down as the continuous pollution caused by it is disturbing the peace and

tranquillity of the locality. It is submitted that the Applicants have failed to make any specific allegation to show how the peace and tranquillity of the locality is being compromised or file any document in support of their contentions. The Applicants are being put to strict proof in relation to their allegations/ averments.

41. The contents of Ground C of the Application relate to the judgment of the Hon'ble Supreme Court in the matter titled *Vellore Citizens Welfare Forum v. Union of India* and is not relevant to the facts of the present matter. It is submitted the said matter related to enormous discharge of untreated effluents by tanneries and other industries into agricultural fields, roadsides, waterways and open lands whereby around 35000 hectares of agricultural land had become partially or totally unfit for cultivation. It is submitted that Respondent No. 1 has, all along, complied with the conditions of the CTO and EC and have remedied all lapses pointed out by the committees.

42. The contents of Grounds D to F of the Application relate to the guiding principles followed by this Hon'ble Tribunal while passing an order and as such being matters of record merit no reply from the Answering Respondent.

Maheswar Mahapatro
NOTARY PUBLIC
RAYAGADA

43. The contents of Ground G of the Application relate to the matter titled State Pollution Control Board, Odisha v. M/s. Swastik Ispat Pvt. Ltd. and the Applicants have stated that the issue pertained to periodic inspection and the role of SPCB when a unit fails to comply with the CTO conditions. It is submitted that the said matter does not relate to the present matter since there have been periodic inspections carried out by the OSPCB and the CTO conditions have been fulfilled by Respondent No. 1.

44. The contents of Limitation are wrong and denied. It is denied that there is a subsisting cause of action and is clear from the photographs dated 06.01.2024. It is also denied that the original application is not barred by limitation. It is submitted that the photographs annexed by the Applicants as Annexure 4 to the Application are photographs of trees and the locations of such trees are unknown. It is also submitted that the photographs do not show any house, cultivated land or waterbody and the allegations pertaining to such dust accumulation are baseless and unsubstantiated. It is further submitted that the present Application is barred by limitation by virtue of Section 14(3) of the National Green Tribunal Act, 2010 inasmuch as the present Application has been filed beyond 6 months from the inspection reports dated

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MOHESWAR MOHAPATRO Regd.No.ON 20/2003

Mahreswar Mohapatro
NOTARY PUBLIC
RAYAGADA

22.12.2022 and 06.01.2023 and the present Application is entirely reliant on the said reports.

45. The contents of the interim prayer and prayer of the Application are wrong and hence denied *in toto*. It is submitted the Applicants are not entitled to the reliefs claimed from this Hon'ble Tribunal and the present Original Application deserves to be dismissed with exemplary costs.

46. That the facts stated, and the submissions made above are true to the best of my knowledge and belief and are based on the information available from official records and that nothing material has been concealed therefrom.

DEPONENT

Maheswar Mahapatro
NOTARY PUBLIC
RAYAGADA

VERIFICATION

I, the above-named deponent, do hereby verify that the contents of the above affidavit are true to the best of my knowledge and belief and are based on the information available from official records and that nothing material has been concealed therefrom.

Verified at Utkal Alumina International Limited on this 3rd day of September, 2024.

DEPONENT

MOHESWAR MOHAPATRO
ADVOCATE & NOTARY PUBLIC
AT/PO/DIST : RAYAGADA
Regd.No. 20/2003
PIN-765001(ORISSA)
Mob.No. 9437234702

Maheswar Mohapatro
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ANNEXURE R1/1

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
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ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST & ENVIRONMENT, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada, 765001

Letter No. 120 **Date:** 06.01.2023

Sri H N Nayak
Addl Chief Env Scientist Cum
Regional Officer

To

The Collector & District Magistrate
Rayagada

Sub: Regarding visit of the Committee constituted for re-examination of pollution hazards caused due to running of Conveyor belt, Red Mud Pond, Ash Pond, Rod Mill, LDC Mejh (Medium Junction House) as well as movement of heavy vehicles on the village road by M/s UAIL, Doraguda in connection with WP(C) No. 24990/2022 filed by Sri Nanda Jhodia & Others of Lachhuguda, Kashipur block-Reg..

Ref: Your letter no. 260/X-13/2022 dtd. 28.12.2022

Madam,

In inviting a reference to above, it is to intimate that the aforesaid complaint petition was made re-enquiry on 31.12.2022 by the joint committee with the chairmanship of Sub-Collector, Rayagada. The inspection reports along with analysis report in connection with WP (C) No. 24990/2022 filed by Sri Nanda Jhodia & 04 other of Lachhuguda are enclosed herewith for kind information and necessary action.

Yours faithfully,

Encl: As above

Regional Officer

Memo No. 121 **Date.** 06.01.2023

Copy along with enquiry report and analysis reports forwarded to the Member Secretary, State Pollution Control Board, Odisha, Bhubaneswar for kind information and necessary action.

Regional Officer

REPORT OF THE COMMITTEE HEADED BY SUB-COLLECTOR, RAYAGADA ON COMPLAINT PETITION OF SRI NANDA JHODIA & OTHERS OF VILLAGE LACHHUGUDA REGARDING AIR, DUST & SOUND POLLUTION CAUSED DUE TO CONVEYOR BELT, RED MUD POND, ASH POND, ROD MILL ETC OF UTKAL ALUMINA INTERNATIONAL LIMITED, DORAGUDA IN CONNECTION WITH WP(C) NO. 24990/2022 FILED BY NANDA JHODIA & OTHERS

As per the instruction of the RDC (SD), Berhampur in his Court on 15.12.2022 during hearing in connection with WP(C) No. 24990/2022 filed by Sri Nanda Jhodia & 04 others of Lachhuguda, a Committee was constituted by the Collector & DM, Rayagada vide Order No. 245/X-13/2022, dtd 17.12.2022 and the team comprising Sub-Collector , Rayagada (as Chairman of the Committee), Spl LAO, Rayagada (as Member), RO, SPCB, Rayagada (as Member), Tahasildar, Kashipur (as Member), RTO, Rayagada (as Member) have visited village Lachhuguda on 20.12.2022 for re-examination of pollution hazards caused due to running of Conveyor belt, Red Mud Pond, Ash Pond, Rod Mill, Medium Junction House etc as well as movement of vehicles on the village road by M/s UAIL, Doraguda. **But it was postponed due to non-running of the conveyor belt on that day for maintenance of the belt.**

In order to properly verify the pollution hazards at Lachhuguda village during operational condition of the belt conveyor, the Collector & DM, Rayagada has instructed the Committee vide letter memo no. 261/2022, dtd 28.12.2022 to re-visit & re-examine the issues as alleged in the presence of one responsible Technical Officer from the industry who will extend his necessary support / assistance to the committee during visit. The Collector & DM, Rayagada in her order to the Industry Authority vide letter no. 260/X-13/2022, dtd 28.12.2022 to ensure operation of conveyor belt during inspection for proper assessment of pollution load.

Accordingly, the Committee comprising Sub-Collector, Rayagada (as Chairman of the Committee), Spl LAO, Rayagada (as Member), RO, SPCB, Rayagada (as Member), Tahasildar, Kashipur (as Member), RTO, Rayagada with IIC, Tikiri proceeded for **inspection on dtd 31.12.2022 to the alleged belt conveyor site of Utkal Alumina** near Lachhuguda village along with scientific examination relating to air, dust and sound pollution conducted by the SPCB Laboratory team comprising of Asst .Env. Engineer, Sr. Scientific Assistant & Field Assistant in presence of villagers of Lachhuguda under Kashipur Block to verify the genuineness of the complaint. During enquiry to the alleged site, the following villagers of Lachhuguda were present at the alleged conveyor area site.

Villagers present during enquiry:

- Jalman Nayak, Villager of Lachhuguda
- Susanta Lohora, Villager of Lachhuguda
- Purna Chandra Gouda, Villager of Lachhuguda
- Govinda Gouda, Villager of Lachhuguda
- Nakula Gouda, Villager of Lachhuguda
- MakanaJhodia, Villager of Lachhuguda
- Ghana Lohora, Villager of Lachhuguda
- Dhanjaya Gouda, Villager of Lachhuguda
- Bhaskar Turuk

Industry Persons present during enquiry:

- Rasid Allam (Dy Manager), UAIL
- Ashok Panda (AGM), Site in Charge, UAIL

OBSERVATIONS:

- The alleged unit is an Almina Refinery Unit i.e. M/s Utkal Alumina International Ltd (M/s UAIL) which is located at Doraguda, PO: Kucheipadar in the district of Rayagada.
- M/s UAIL comprises of two major facility i.e. (1) Alumina Refinery (Calcined Alumina):2.27 MTPA and (2) Co-Generation Thermal Power Plant (Coal Based) : 3x30 MW.
- The plant is having **valid CTO up to 31.03.2026** of SPCB, Odisha vide No 3890/IND-I-CON-6101 dtd.15.03.2022 for following products
  1) Calcined Alumina : 2.27 Million Tonne per Annum
  2) Thermal Power : 3x30 MW
- The industry has also obtained **Hazardous Waste Authorization** from OSPCB vide No. IND-IV-HW-931/9663, dtd14.07.2021 which is **valid upto 31.03.2026**.
- The Alumina Refinery Plant & Co-Generation Thermal Power Plant along with lonf Distance Bauxite Belt Conveyorof M/s UAIL were in operation on the day of enquiry.
- **The village Lachhuguda is located at a distance about 2 Km away from theUAIL plant site and around 800 mtrs away from the RMP site. The intermediate junction house of the long distance Bauxite Conveyor (i.e. mines to refinery) exists at a distance about 40-50 mtrs away from Lachhuguda village.**

- **VARIOUS IN-HOUSE MEASURES TAKEN BY THE INDUSTRY FOR CONTROL OF AIR POLLUTION INSIDE ITS PREMISES ARE SUCH AS:** The sources of air pollution of the plant are boilers. DG sets, calcination plant and fugitive emissions from Belt Conveyor & junction houses. Various air pollution control measures adopted in the unit are such as:

  a) Bauxite being conveyed from Baphlimali mines to plant Bauxite yard through 18.2 km Belt conveyor with single Transfer station & installed under hood cover. Other raw materials i.e. Lime, FO & LDO are being transported by Rail as informed.
  b) Water sprinkling systems have been provided at Bauxite conveyor transfer points & Bag Filter at Bauxite crusher House & at screens to control fugitive dust emissions.
  c) Greenbelt has been developed within plant premises, railway corridor, RMP & ash pond area.
  d) Industry has provided separate ESP (Single Pass, 4 Fields) at Calciner I, II & III followed by separate MS stack of height 136 m each to control PM emissions..
  e) Industry has provided separate ESP (Two Pass, 7 Fields in each pass) at CF Boiler I, II & III & connected with common RCC stack of height 150m.
  f) Industry has installed separate CEMS (Continuous Emission Monitoring System) at flue stacks of Coal Fired Boilers (PM, SO_2) & stacks of Calciners (PM). RT-DAS (Real Time Data Acquisition System) has been provided for data transmission to SPCB server.**(Online Monitoring Report downloaded from RTDAS is enclosed).**
  g) Industry has installed CAAQMS (Continuous Ambient Air Quality Monitoring System) with RT-DAS within its plant premises for monitoring of PM_{10}; $PM_{2.5}$, SO_2; NO_2& CO. **(Online Monitoring Report downloaded from RTDAS is enclosed)**.
  h) Industry has provided Pneumatic conveying system at hoppers of ESPs of C F Boilers for collection of bottom ash and fly ash in silos. Bag filters provided at silos to control fugitive dust emissions.
  i) Major parts of internal roads of existing plant have been black topped/concreted. Fixed type water sprinklers in Power plant area & water Tankers are provided for dust suppression on road.
  j) The industry has provided mechanized sweep machine (1no) and mobile water tankers for dust suppression in plant area.
  k) The industry has installed dry fog system at Wagon Tripler & Transfer points & conveyed to coal stack yard through pipe conveyor. Bag Filters are provided at coal crusher House & screens for control of fugitive dust emission.

l) Wet Scrubber system has been provided in Lime handling Plant to control the fugitive dust emission.

m) Alumina conveying is through Belt conveyor under covered hood from calciners to Silos. Alumina Silos are provided with Bag Filters to control fugitive emissions.

n) The unit has provided water jet sprinklers for water spraying at the RMP area keep the red mud wet in the pond to prevent it from being air borne.

o) The industry is utilizing Ash pond intermittently. Industry is also disposing ash for filling low laying area within plant premises. Water sprinkling through Tankers & few sprinklers is being carried out in dry ash disposal area for dust suppression.

- **VARIOUS IN-HOUSE MEASURES TAKEN BY THE INDUSTRY FOR CONTROL OF WATER POLLUTION INSIDE ITS PREMISES ARE SUCH AS:** The sources of water pollution of the industry are the ash pond, red mud pond, lime handling plant, cooling tower blow down, DM plant effluent and domestic waste water. Various water pollution control measures adopted in the unit are as follows:

a) For treatment of domestic effluent, the industry provided two STPs (Sewage Treatment Plant) of capacity 100 KLD (MBR technology) and 200 KLD (MBR technology) in its township Osapada & Nuapada respectively and one STP of capacity 140 KLD (Activated Sludge Process) at plant. The treated water of STPs of Townships is being reused for gardening and horticulture activities. The treated effluents from Plant STP get discharged to Guard pond.

b) For management of caustic effluent generated from the Alumina Refinery, Collection sumps with pumping systems are provided at respective Process area to collect & recycle caustic effluent.

c) Red mud slurry generated from the Alumina Refinery is processed with high Pressure Membrane Filtration Technology in Red Mud Filtration unit & Red mud in cake form get disposed off in RMP (Red Mud Pond) area by dry stacking.

d) Dykes & garland Drains have been provided around RMP (Red Mud Pond) and Ash Pond to prevent entry of runoff.

e) The RMP (Red Mud Pond) is being provided with HDPE liners to prevent seepage.

f) Industry has provided 3 nos & 02 nos piezometeric well around RMP & Ash Pond respectively for Ground water monitoring.

- **INDUSTRIAL SOLID WASTE MANAGEMENT OF THE UNIT**
  a) Industrial solid waste i.e. Red mud in cake form being disposed off in RMP by dry stacking.
  b) Ash being generated from the Power Plant get utilized for filling low laying area within plant premises, dyke raising of ash pond and partly supplied to brick manufacturing units.
  c) Maximum portion of the lime grits are being supplied to Brick Manufacturing and rest is disposed off in RMP.
  d) For disposal of canteen waste (i.e. bio-degradable), the industry has provided one Aerobic Composting Machine of 400 Kg capacity for its canteen located at Nuapada township.

AAQ MONITORING:

To assess the ambient air quality (AAQ)in Lachhuguda village during running of the Industry's Bauxite Conveyor which passes nearby the Lachhuguda village, AAQ monitoring was conducted at two different locations during inspection, such as, (i) Over the roof of house of Bhawani Gouda in Lachhuguda village, (ii) over the roof of house of Rameswar Gouda in Lachhuguda village. The analysis report of AAQ monitoring is enclosed for kind reference.

- It is revealed from the AAQ monitoring report that the Ambient Air Quality parameters w.r.t. SO_2 & NO_x for the two different locationsare within the norm.
- It is revealed from the AAQ monitoring report that the Ambient Air Quality parameter w.r.t. PM_{10} for the two different locations i.e (i) Over the roof of house of Bhawani Gouda in Lachhuguda village, (ii) over the roof of house of Rameswar Gouda in Lachhuguda village are within the norm.
- **During earlier monitoring by SPCB team on dtd 09.12.2022, Ambient Air Quality parameter w.r.t. PM_{10} for the location within the village Lachhuguda was exceeded the prescribed norm that time. This exceedance in PM_{10} value was due to non-functioning of dry fog system installed at medium junction house and Bauxite Conveyor passing near the Lachhuguda village.**
- **During further enquiry, on dtd 31.12.2022 the committee found that the raw material i.e. Bauxite conveyed from Mines to Doraguda Plant site through belt conveyor was in wet / moist condition resulting in less dust dispersion to outside. Apart from that the dry fog system for the purpose of dust suppression provided at the medium junction house transfer point for long distance conveyor was found to**

be functioning properly which further reduces the dust impact to outside. The proper functioning of dry fog system reflects that the industry has done proper maintenance on dry fog system to overcome such problem raised earlier.

WATER QUALITY MONITORING:

The ground water quality of the village Lachhuguda has been assessed to see the suitability of ground water for domestic applications. To assess the quality of water, Water samples from three tube wells (i.e. (i)Tube well near Gouda Street, (ii)Tube well near Jhodia Street & (iii)Tube well near Harijana Street) located in Lachhuguda village were collected. The analysis report is enclosed for reference.

As per the analysis report, the parameter w.r.t. turbidity does not meet the prescribed norms of the Board. So it is not suitable for direct consumption as drinking water.

NOISE MONITORING:

- On the basis of compliant of villagers that they are suffering a lot from the noise created due to running of long conveyor (mines to plant) which is located very near to their village Lachhuguda, Laboratory Team of SPC Board, Rayagada has conducted the sound level monitoring at three different locations i.e (i) Near House of Sudarshan Gouda within the village Lachhuguda adjacent to transfer point i.e. Medium Junction House of M/s UAIL, (ii) Near Jagyan Mandap within the village Lachhuguda, (iii) Within the village Lachhuguda (Centre). The analysis report of noise monitoring is enclosed for kind reference.
- **It is revealed from the noise monitoring report that the noise reading (LeqdB(A)) taken within the village at all locations in day time during inspection found to beexceeded the prescribed norm.**

CONCLUSION& RECOMMENDATION:

Though the industry has taken certain measures for pollution control, but for better environmental management the industry shall take immediate necessary steps on the following.

- Industry has to ensure proper & efficient functioning of all dust suppression systems to avoid any fugitive emissions from plant towards nearby village.
- **The industry should regularly maintain and check the dry fog systemoperating with high pressure in the aforesaid junction house area for control of dust to the nearby**

village Luchuguda. The industry shall also explore for installation of Dust Extraction System i.e. Bag filter / Dust suppression System like Ultrasonic Fogging System (as latest technology based) in the intermediate junction house area for effective dust control.

- The industry shall ensure the complete covering & enclosure of intermediate junction house and proper hood covering of Bauxite Conveyors to control of noise during operation of the unit.
- The unit shall proactively take suitable steps (i.e. concreting of the road passes along the village Lachhuguda, Regular water sprinkling along the said road and plantations) so that the Ambient Air Quality in the village area will be always maintained within the prescribed norm.
- Deep bore well with Overhead Tank facility & water supply system shall be provided to the villagers at the New Harijan Street & at the Gouda Street of the Lachhuguda village under CSR activities.

06.01.2023

Regional Officer
SPCB, Rayagada

Sub-Collector
Rayagada

06/01/2023

Spl Land Acquisition Officer
Rayagada

Tahasildar
Kashipur

06/01/23

Regional Transport
Officer, Rayagada

Tel: 06856-223073
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Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST & ENVIRONMENT, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF AMBIENT AIR QUALITY MONITORING

Lab Ref No.20 (I)/AAQ/2022-23 **Dtd.05.01.2023**

Name & Address of Industry : Public Complain on M/s Utkal Alumina International Limited,(Refinery) Doraguda,Tikiri, Dist.Rayagada

Date of sample collection : 31.12.2022

Sample submitted by : Sri H N Nayak, RO, Er P D Behera, AEE Sri G Ch Dash, SSA Sri S G Achary, JSA, Sri A Jena, FA& Sri S Bangari, FA

Sl No.	Location of Sampling Station	All Parameters are in µg/ m^3		
		PM_{10}	SO_2	NO_x
01	Over the roof of House of Bhawani Gouda in Lachhuguda Village	92	10.1	18.0
02	Over the roof of House of Rameswar Gouda in Lachhuguda Village	80	10.3	19.2
Board's prescribed standard		100	80	80
Method of Analysis		Gravimetric	West & Gaeke Method	Sodium Arsenite method

Analysed By

05/01/2023

Senior Scientific Asst.
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05.01.2023

Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

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Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST & ENVIRONMENT, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF NOISE MONITORING

Lab Ref No 20(II)/AAQ/2022-23 **Dtd.05.01.2023**

Name & Address of Industry : Public Complain on
M/s Utkal Alumina International Limited (Refinery)
Doraguda, Tikiri, Dist.Rayagada

Date of Monitoring : 31.12.2022

Monitoring conducted by : Sri H N Nayak, RO,
Er P D Behera, AEE
Sri G Ch Dash, SSA
Sri S G Achary, JSA
Sri A Jena, FA&
Sri S Bangari, FA

SlNo	Location of Sampling	Noise level in dB		
		Lmax	Lmin	Leq dB(A)
01	Near House of Sudarshan Gouda with in the village Lachhuguda adjacent to junction point of M/s UAIL	82.1	67.5	70.9
02	Near Jagyana Mandap with in the village Lachhuguda	99.0	36.1	69.0
03	With in the village Lachhuguda (Centre)	94.4	75.0	77.3

N. B.

i. Prescribed Standard of Leq dB(A) for residential area Day time: 55 & Night time:45 as per the Noise pollution (Regulation and control) rules,2000
ii. Day Time monitoring carried out between 3 pm to 5 pm.

Analysed By

05/01/2023

Senior Scientific Asst
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05.01.2023

Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

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Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST & ENVIRONMENT, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF WATER SAMPLE

Lab Ref No 86/OW/2022-23 **Dtd.05.01.2023**

Name & Address of Industry : Public Complain on M/s Utkal Alumina International Limited,(Refinery) Doraguda, Tikiri, Rayagada

Date of sample collection : 31.12.2022

Sample submitted by : Sri H N Nayak, RO, Er P D Behera,AEE Sri G Ch Dash, SSA Sri S G Achary, JSA, Sri A Jena, FA& Sri S Bangari, FA

Sl. No.	Location of sampling point	pH	Turbidity in NTU	Conductivity in µS/cm	TDS in mg/l
01	Tubewell near Gouda Street of Lachhuguda Village	6.9	26.2	232.2	130.2
02	Tubewell near Jhodia Street of Lachhuguda Village	6.6	24.6	218.6	128.6
03	Tubewell near Harijan Street of Lachhuguda Village	6.8	24.8	230.4	128.4
Central Ground Water Board's prescribed Standard		6.5-8.5	-	-	-
Method of Analysis		Potentiometric	Nephlometric	Conductivity meter	Conductivity

ANALYSED BY

05/01/2023
Senior Scientific Asst
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05.01.2023
Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 31-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	CEMS_1-NOx(mg/Nm3)	CEMS_1-PM(mg/Nm3)	CEMS_1-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 100	0 -
Maximum Data	288.25	48.21	384.83
Minimum Data	150.0	45.67	290.08
Arithmetic Mean	252.16	47.02	356.47
Median	258.29	46.94	361.4
Standard Deviation	31.97	0.67	20.9
Maximum Value At Time	2022-12-31 10:15:00	2022-12-31 16:00:00	2022-12-31 11:45:00
Minimum Value At Time	2022-12-31 19:45:00	2022-12-31 18:45:00	2022-12-31 19:00:00
Valid Data Points	40	40	40
Total Data Points	40	40	40
Data Availability %	100.0%	100.0%	100.0%

Sl No.	Time	CEMS_1-NOx(mg/Nm3)	CEMS_1-PM(mg/Nm3)	CEMS_1-SO2(mg/Nm3)
1	2022-12-31 10:15:00	288.250	46.377	340.168
2	2022-12-31 10:30:00	282.082	46.544	341.002
3	2022-12-31 10:45:00	260.624	47.583	353.668
4	2022-12-31 11:00:00	259.583	45.753	352.749
5	2022-12-31 11:15:00	248.501	46.835	360.875
6	2022-12-31 11:30:00	239.751	45.793	376.749
7	2022-12-31 11:45:00	235.750	46.460	384.832
8	2022-12-31 12:00:00	249.791	46.835	380.792
9	2022-12-31 12:15:00	257.167	47.629	373.001
10	2022-12-31 12:30:00	244.917	47.877	373.834
11	2022-12-31 12:45:00	251.249	48.001	381.125
12	2022-12-31 13:00:00	260.790	47.751	372.125
13	2022-12-31 13:15:00	268.707	47.836	361.915
14	2022-12-31 13:30:00	278.251	47.629	348.543

Sl No.	Time	CEMS_1-NOx(mg/Nm3)	CEMS_1-PM(mg/Nm3)	CEMS_1-SO2(mg/Nm3)
15	2022-12-31 13:45:00	276.001	46.837	349.085
16	2022-12-31 14:00:00	263.249	47.500	352.835
17	2022-12-31 14:15:00	267.582	47.003	352.915
18	2022-12-31 14:30:00	267.633	47.012	348.169
19	2022-12-31 14:45:00	262.812	46.565	357.188
20	2022-12-31 15:00:00	258.248	46.419	364.375
21	2022-12-31 15:15:00	254.207	46.836	372.543
22	2022-12-31 15:30:00	253.125	46.462	370.041
23	2022-12-31 15:45:00	253.166	46.212	368.333
24	2022-12-31 16:00:00	258.332	48.208	367.875
25	2022-12-31 16:15:00	254.166	47.209	369.916
26	2022-12-31 16:30:00	245.667	47.753	372.459
27	2022-12-31 16:45:00	249.125	47.043	371.625
28	2022-12-31 17:00:00	263.334	46.876	362.833
29	2022-12-31 17:15:00	257.624	46.503	371.542
30	2022-12-31 17:30:00	256.999	47.711	372.209
31	2022-12-31 17:45:00	265.125	46.708	363.919
32	2022-12-31 18:00:00	258.457	47.544	358.583
33	2022-12-31 18:15:00	269.373	46.044	344.583
34	2022-12-31 18:30:00	275.958	46.627	336.833
35	2022-12-31 18:45:00	293.875	45.667	319.083
36	2022-12-31 19:00:00	285.083	46.877	290.084
37	2022-12-31 19:15:00	228.542	47.127	360.416
38	2022-12-31 19:30:00	150.460	47.627	338.249
39	2022-12-31 19:45:00	150.001	47.585	319.501
40	2022-12-31 20:00:00	152.708	47.999	302.207

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 31-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	CEMS_3-NOx(mg/Nm3)	CEMS_3-PM(mg/Nm3)	CEMS_3-SO2(mg/Nm3)
Prescribed Standards	0 -	0 - 100	0 -
Maximum Data	288.86	47.28	389.22
Minimum Data	140.07	43.86	283.43
Arithmetic Mean	258.16	45.84	347.34
Median	261.6	45.92	355.14
Standard Deviation	26.87	0.91	29.29
Maximum Value At Time	2022-12-31 13:15:00	2022-12-31 12:30:00	2022-12-31 17:45:00
Minimum Value At Time	2022-12-31 12:15:00	2022-12-31 19:30:00	2022-12-31 13:00:00
Valid Data Points	40	40	40
Total Data Points	40	40	40
Data Availability %	100.0%	100.0%	100.0%

Sl No.	Time	CEMS_3-NOx(mg/Nm3)	CEMS_3-PM(mg/Nm3)	CEMS_3-SO2(mg/Nm3)
1	2022-12-31 10:15:00	246.705	46.667	381.470
2	2022-12-31 10:30:00	257.017	45.934	378.733
3	2022-12-31 10:45:00	269.789	46.443	355.879
4	2022-12-31 11:00:00	279.438	46.431	322.505
5	2022-12-31 11:15:00	277.001	46.989	297.496
6	2022-12-31 11:30:00	282.492	46.739	312.199
7	2022-12-31 11:45:00	237.245	46.985	376.488
8	2022-12-31 12:00:00	182.600	46.684	371.537
9	2022-12-31 12:15:00	140.072	46.827	373.254
10	2022-12-31 12:30:00	240.517	47.284	376.329
11	2022-12-31 12:45:00	286.221	46.409	377.713
12	2022-12-31 13:00:00	283.392	46.875	283.427
13	2022-12-31 13:15:00	288.858	45.090	286.483
14	2022-12-31 13:30:00	284.387	46.634	293.050

Sl No.	Time	CEMS_3-NOx(mg/Nm3)	CEMS_3-PM(mg/Nm3)	CEMS_3-SO2(mg/Nm3)
15	2022-12-31 13:45:00	273.258	46.297	309.341
16	2022-12-31 14:00:00	276.211	45.913	312.967
17	2022-12-31 14:15:00	277.291	46.642	318.204
18	2022-12-31 14:30:00	270.155	46.625	320.379
19	2022-12-31 14:45:00	261.033	45.083	337.112
20	2022-12-31 15:00:00	249.729	45.123	343.891
21	2022-12-31 15:15:00	264.947	46.872	346.813
22	2022-12-31 15:30:00	270.591	46.618	343.104
23	2022-12-31 15:45:00	274.988	45.678	341.203
24	2022-12-31 16:00:00	273.838	45.510	343.154
25	2022-12-31 16:15:00	256.800	44.911	356.024
26	2022-12-31 16:30:00	262.170	44.917	362.712
27	2022-12-31 16:45:00	246.570	45.394	373.700
28	2022-12-31 17:00:00	249.199	44.368	371.413
29	2022-12-31 17:15:00	254.727	44.451	366.366
30	2022-12-31 17:30:00	251.656	45.405	373.230
31	2022-12-31 17:45:00	239.863	44.839	389.217
32	2022-12-31 18:00:00	244.697	45.489	354.433
33	2022-12-31 18:15:00	248.794	46.676	312.100
34	2022-12-31 18:30:00	253.308	44.443	386.029
35	2022-12-31 18:45:00	262.822	46.096	366.170
36	2022-12-31 19:00:00	257.155	45.368	352.471
37	2022-12-31 19:15:00	256.455	44.692	354.661
38	2022-12-31 19:30:00	258.211	43.855	355.610
39	2022-12-31 19:45:00	264.082	45.155	357.437
40	2022-12-31 20:00:00	271.971	45.127	359.255

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 31-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	CEMS_4-PM(mg/Nm3)
Prescribed Standards	0 - 50
Maximum Data	37.28
Minimum Data	33.4
Arithmetic Mean	34.58
Median	33.94
Standard Deviation	1.36
Maximum Value At Time	2022-12-31 11:45:00
Minimum Value At Time	2022-12-31 15:00:00
Valid Data Points	40
Total Data Points	40
Data Availability %	100.0%

Sl No.	Time	CEMS_4-PM(mg/Nm3)
1	2022-12-31 10:15:00	36.679
2	2022-12-31 10:30:00	37.099
3	2022-12-31 10:45:00	36.880
4	2022-12-31 11:00:00	37.147
5	2022-12-31 11:15:00	37.093
6	2022-12-31 11:30:00	37.153
7	2022-12-31 11:45:00	37.279
8	2022-12-31 12:00:00	36.795
9	2022-12-31 12:15:00	36.833
10	2022-12-31 12:30:00	35.319
11	2022-12-31 12:45:00	34.094
12	2022-12-31 13:00:00	33.750
13	2022-12-31 13:15:00	33.700
14	2022-12-31 13:30:00	33.673

Sl No.	Time	CEMS_4-PM(mg/Nm3)
15	2022-12-31 13:45:00	33.509
16	2022-12-31 14:00:00	33.617
17	2022-12-31 14:15:00	33.512
18	2022-12-31 14:30:00	33.519
19	2022-12-31 14:45:00	33.449
20	2022-12-31 15:00:00	33.405
21	2022-12-31 15:15:00	33.819
22	2022-12-31 15:30:00	33.745
23	2022-12-31 15:45:00	33.632
24	2022-12-31 16:00:00	33.857
25	2022-12-31 16:15:00	33.619
26	2022-12-31 16:30:00	33.767
27	2022-12-31 16:45:00	33.902
28	2022-12-31 17:00:00	33.751
29	2022-12-31 17:15:00	33.628
30	2022-12-31 17:30:00	33.557
31	2022-12-31 17:45:00	33.711
32	2022-12-31 18:00:00	33.983
33	2022-12-31 18:15:00	34.301
34	2022-12-31 18:30:00	34.307
35	2022-12-31 18:45:00	34.287
36	2022-12-31 19:00:00	34.028
37	2022-12-31 19:15:00	34.323
38	2022-12-31 19:30:00	34.267
39	2022-12-31 19:45:00	34.071
40	2022-12-31 20:00:00	34.297

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 31-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	CEMS_5_Calciner Unit1-PM(mg/Nm3)
Prescribed Standards	0 - 50
Maximum Data	26.91
Minimum Data	20.15
Arithmetic Mean	22.06
Median	21.01
Standard Deviation	2.52
Maximum Value At Time	2022-12-31 10:45:00
Minimum Value At Time	2022-12-31 13:30:00
Valid Data Points	40
Total Data Points	40
Data Availability %	100.0%

Sl No.	Time	CEMS_5_Calciner Unit1-PM(mg/Nm3)
1	2022-12-31 10:15:00	26.903
2	2022-12-31 10:30:00	26.902
3	2022-12-31 10:45:00	26.906
4	2022-12-31 11:00:00	26.905
5	2022-12-31 11:15:00	26.905
6	2022-12-31 11:30:00	26.905
7	2022-12-31 11:45:00	26.905
8	2022-12-31 12:00:00	26.906
9	2022-12-31 12:15:00	22.818
10	2022-12-31 12:30:00	20.238
11	2022-12-31 12:45:00	20.284
12	2022-12-31 13:00:00	20.238
13	2022-12-31 13:15:00	20.271
14	2022-12-31 13:30:00	20.147

Sl No.	Time	CEMS_5_Calciner Unit1-PM(mg/Nm3)
15	2022-12-31 13:45:00	20.197
16	2022-12-31 14:00:00	20.251
17	2022-12-31 14:15:00	20.265
18	2022-12-31 14:30:00	20.298
19	2022-12-31 14:45:00	20.313
20	2022-12-31 15:00:00	20.415
21	2022-12-31 15:15:00	20.347
22	2022-12-31 15:30:00	20.403
23	2022-12-31 15:45:00	20.460
24	2022-12-31 16:00:00	20.510
25	2022-12-31 16:15:00	20.753
26	2022-12-31 16:30:00	20.776
27	2022-12-31 16:45:00	20.909
28	2022-12-31 17:00:00	20.951
29	2022-12-31 17:15:00	20.907
30	2022-12-31 17:30:00	21.066
31	2022-12-31 17:45:00	21.123
32	2022-12-31 18:00:00	21.257
33	2022-12-31 18:15:00	21.321
34	2022-12-31 18:30:00	21.467
35	2022-12-31 18:45:00	21.528
36	2022-12-31 19:00:00	21.503
37	2022-12-31 19:15:00	21.548
38	2022-12-31 19:30:00	21.424
39	2022-12-31 19:45:00	21.533
40	2022-12-31 20:00:00	21.563

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 31-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	CEMS_6_Calciner Unit3-PM(mg/Nm3)
Prescribed Standards	0 - 50
Maximum Data	12.34
Minimum Data	10.62
Arithmetic Mean	11.27
Median	11.12
Standard Deviation	0.48
Maximum Value At Time	2022-12-31 13:45:00
Minimum Value At Time	2022-12-31 19:00:00
Valid Data Points	40
Total Data Points	40
Data Availability %	100.0%

Sl No.	Time	CEMS_6_Calciner Unit3-PM(mg/Nm3)
1	2022-12-31 10:15:00	11.189
2	2022-12-31 10:30:00	11.196
3	2022-12-31 10:45:00	11.043
4	2022-12-31 11:00:00	10.973
5	2022-12-31 11:15:00	11.112
6	2022-12-31 11:30:00	11.136
7	2022-12-31 11:45:00	11.435
8	2022-12-31 12:00:00	11.341
9	2022-12-31 12:15:00	11.061
10	2022-12-31 12:30:00	11.376
11	2022-12-31 12:45:00	11.653
12	2022-12-31 13:00:00	11.431
13	2022-12-31 13:15:00	11.855
14	2022-12-31 13:30:00	12.310

Sl No.	Time	CEMS_6_Calciner Unit3-PM(mg/Nm3)
15	2022-12-31 13:45:00	12.345
16	2022-12-31 14:00:00	12.121
17	2022-12-31 14:15:00	11.961
18	2022-12-31 14:30:00	11.925
19	2022-12-31 14:45:00	12.114
20	2022-12-31 15:00:00	11.544
21	2022-12-31 15:15:00	11.815
22	2022-12-31 15:30:00	11.651
23	2022-12-31 15:45:00	11.255
24	2022-12-31 16:00:00	10.886
25	2022-12-31 16:15:00	11.026
26	2022-12-31 16:30:00	11.150
27	2022-12-31 16:45:00	10.757
28	2022-12-31 17:00:00	10.687
29	2022-12-31 17:15:00	10.759
30	2022-12-31 17:30:00	10.915
31	2022-12-31 17:45:00	10.677
32	2022-12-31 18:00:00	10.870
33	2022-12-31 18:15:00	11.023
34	2022-12-31 18:30:00	10.978
35	2022-12-31 18:45:00	10.941
36	2022-12-31 19:00:00	10.621
37	2022-12-31 19:15:00	10.932
38	2022-12-31 19:30:00	10.932
39	2022-12-31 19:45:00	10.802
40	2022-12-31 20:00:00	10.935

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 30-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	AAQ_1-CO(mg/m3)	AAQ_1-NO2(ug/m3)	AAQ_1-PM2.5(ug/m3)	AAQ_1-PM10(ug/m3)	AAQ_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.66	8.93	44.41	87.49	28.44
Minimum Data	0.66	8.93	44.41	87.49	28.44
Arithmetic Mean	0.66	8.93	44.41	87.49	28.44
Median	0.66	8.93	44.41	87.49	28.44
Standard Deviation	NA	NA	NA	NA	NA
Maximum Value At Time	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00
Minimum Value At Time	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00
Valid Data Points	1	1	1	1	1
Total Data Points	1	1	1	1	1
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQ_1-CO(mg/m3)	AAQ_1-NO2(ug/m3)	AAQ_1-PM2.5(ug/m3)	AAQ_1-PM10(ug/m3)	AAQ_1-SO2(ug/m3)
1	2022-12-30 00:00:00	0.661	8.934	44.406	87.491	28.444

Report Details: OSPCB_NEW | 2023-01-07 16:53:46 | Average Report

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 30-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	AAQ_3_Townshp-CO(mg/m3)	AAQ_3_Townshp-NO2(ug/m3)	AAQ_3_Townshp-PM2.5(ug/m3)	AAQ_3_Townshp-PM10(ug/m3)	AAQ_3_Townshp-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.04	7.92	38.9	82.32	9.57
Minimum Data	0.04	7.92	38.9	82.32	9.57
Arithmetic Mean	0.04	7.92	38.9	82.32	9.57
Median	0.04	7.92	38.9	82.32	9.57
Standard Deviation	NA	NA	NA	NA	NA
Maximum Value At Time	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00
Minimum Value At Time	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00
Valid Data Points	1	1	1	1	1
Total Data Points	1	1	1	1	1
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQ_3_Townshp-CO(mg/m3)	AAQ_3_Townshp-NO2(ug/m3)	AAQ_3_Townshp-PM2.5(ug/m3)	AAQ_3_Townshp-PM10(ug/m3)	AAQ_3_Townshp-SO2(ug/m3)
1	2022-12-30 00:00:00	0.036	7.925	38.905	82.316	9.566

Report Details: OSPCB_NEW | 2023-01-07 16:52:01 | Average Report

Real Time Data Acquisition And Monitoring

Site Name: M/s. Utkal Alumina International Limited (Alumina Refinery)

Report: Average Report

From Date: 30-12-2022T10:24:11Z To Date: 31-12-2022T20:24:11Z

Description	AAQ_4_firstaid-CO(mg/m3)	AAQ_4_firstaid-NO2(ug/m3)	AAQ_4_firstaid-PM2.5(ug/m3)	AAQ_4_firstaid-PM10(ug/m3)	AAQ_4_firstaid-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.4	15.78	41.13	85.4	27.42
Minimum Data	0.4	15.78	41.13	85.4	27.42
Arithmetic Mean	0.4	15.78	41.13	85.4	27.42
Median	0.4	15.78	41.13	85.4	27.42
Standard Deviation	NA	NA	NA	NA	NA
Maximum Value At Time	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00
Minimum Value At Time	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00	2022-12-30 00:00:00
Valid Data Points	1	1	1	1	1
Total Data Points	1	1	1	1	1
Data Availability %	100.0%	100.0%	100.0%	100.0%	100.0%

Sl No.	Time	AAQ_4_firstaid-CO(mg/m3)	AAQ_4_firstaid-NO2(ug/m3)	AAQ_4_firstaid-PM2.5(ug/m3)	AAQ_4_firstaid-PM10(ug/m3)	AAQ_4_firstaid-SO2(ug/m3)
1	2022-12-30 00:00:00	0.401	15.775	41.134	85.397	27.418

Report Details: OSPCB_NEW | 2023-01-07 16:54:26 | Average Report

ANNEXURE R1/2

COLLECTORATE
2 - MAY 2023
RAYAGADA

128

Office of the Revenue Divisional Commissioner, Southern Division, Odisha, Berhampur

No. 187(B) // All-56/23/LA., Date: 16-03-2023

From

The Additional Secretary to RDC,
SD, Berhampur.

To

1. The Collector, Rayagada.
2. Chief Executive Officer, UAIL, Rayagada.
3. Regional Officer, State Pollution Control Board, Rayagada.

Sub: WP(C) No. 24990/22 filed by Nanda Jhodia & others -Vrs.- State of Odisha & others.

Sir,

With reference to the above cited subject, I am directed to send here with the copy of the order passed by the Revenue Divisional Commissioner, Southern Division, Berhampur in connection with the WP(C) No. 24990/22 filed by Nanda Jhodia & others -Vrs.- State of Odisha & others, for your information and necessary action.

Yours faithfully,

16.3.2023.

Addl. Secretary

Memo No. 188(B) Date. 16-03-2023

Copy along with copy of order passed by RDC, SD, Berhampur in connection with WP(C) No. 24990/22 forwarded to Nanda Jhodia, S/o- Late Loknath Jhodia, Vill- Lachhuguda, PO- Kucheipadar, PS- Doraguda, Dist- Rayagada & others for information.

16.3.2023

Addl. Secretary

ORDER

The WP(C) No. 24990 of 2022 filed before the Hon'ble High Court, Odisha by Nanda Jhodia and others (hence referred as petitioners) Vrs. State of Odisha and others as opposite parties.

The petitioner produced the certified copy of the order No. -1 dt. 31.10.2022 of Hon'ble High Court Orissa passed in W.P.(C) No. 24990 of 2022 on 13.11.2022. The same is also received from Suptd. of High Court, Orissa on 19.11.2022. Perused the order of Hon'ble High Court. Hon'ble High Court, Orissa has passed order directing opposite party No-2 i.e., R.D.C.(SD), Berhampur to take a decision on the above noted petition in accordance with law and also taking into account "the order under Annexure-6 within a period of one month from the date of production of certified copy of this order and communicate the result of such exercise to the petitioners". The date was fixed on 15.12.2022 for the hearing. So, the notices were issued to all concerned vide this office L. No. 769/AII-56/22/LA, dt. 06.12.2022 (petitioners), 773/AII-56/22/LA, dt. 06.12.2022 (The Collector, Rayagada), 771/AII-56/22/LA, dt. 6.12.2022 (CEO- UAIL) & 778/AII-56/22/LA, dt. 06.12.2022 (RO, SPCB, Rayagada).

Contention: -

The contention of the petitioners in WPC No. 24990 of 2022 are as follows:

1. Direct to the Opposite Parties for taking steps to check the sound pollution, dust pollution, air pollution caused due to conveyor belt, red mud Pond, Ash Pond, Road mill, L.D.C. MeJH (Medium Junction House) as well as for the movement of heavy vehicles inside the village road.
2. And further direct the opposite parties to take steps for shifting of the conveyor belt, Red Mud Pond, Ash Pond, Road mill, L.D.C. MeJH (Medium Junction House) as well as for the movement of heavy vehicles in the village road far away from the village- Lachhuguda, Tahasil- Kashipur, Dist- Rayagada.
3. And otherwise direct the opposite parties to provide alternative housing accommodation and other rehabilitation facilities, pursuant to the Orissa Resettlement & Rehabilitation Policy, 2006 for the acquisition of the major portion of the agricultural land of the petitioners as well as the villagers of the petitioners i.e., village- Lachhuguda, Tahasil- Kashipur, Dist-Rayagada.

Accordingly, the 1st hearing was conducted on 15.12.2022. The Spl. LAO, Rayagada, Regional Officer, State Pollution Control Board, Rayagada, Head & PRO, UAIL, Land Officer, UAIL, Head Environment, UAIL, the petitioners Nanda Jhodia, Arjuna Gouda &

Chitra Gouda were present. The petitioners also participated along with their advocate Sri Deepak Kumar Pattnaik & others.

The Advocate for the petitioners submitted that due to the conveyor belt dust/ air, sound and water pollution are caused. The river/ nala flowing near the village and its water is used by the villagers for the purpose of drinking, bathing and other day to day use of water. The villagers alleged that the quality of water has become worse/ murky. It was told that in day time, 55 above decibel of sound is caused due to the conveyor belt. The villagers told that it is more in night time. So, the inhabitants are unable to sleep properly.

So, the Advocate demanded for either shifting of the villagers or the conveyor belt and the compensation amount should be given to the villagers.

Though the conveyor belt is within the acquired land, it was unknown to the villagers during acquisition that the conveyor belt will be installed beside their village. The Learned Advocate further requested to do a fair & physical enquiry by Sub-Collector, Tahsildar, LAO & Technical person within a short period.

RO, SPCB, Rayagada stated that proper cover of the belt with new technology can reduce the pollution. He further stated that 100% cover and maintenance with sophisticated technology can reduce the pollution.

One week's time was given to all to produce evidence/ submissions regarding their respective contentions. It was instructed to Collector, Rayagada vide this office L. No. 808/ AII-56/22/LA dt. 15.12.2022 that a team headed by Sub-Collector, Rayagada and comprising R.O. (SPCB), Tahasildar, Spl. LAO and other technical personnel should visit the affected area unannounced and at relevant time of day/ night within a week and submit their joint visit report.

The field enquiry report of the Collector, Rayagada was received on 19.01.2023 by Regd. Post. The same was put up on 21.01.2023. Accordingly, the second hearing date was scheduled for 02.02.2023.

On 02.02.2023 all the parties were present except the representative of UAIL. Further, RDC reiterated the discussion and instructions thereof of previous hearing, especially on the sudden and surprise visit to the field by a committee. The parties stated that two surprise visits have been conducted by the Committee. The advocate of the petitioner Nanda Jhodia produced a video about the field situation. It was charged by the petitioner parties that during the visit of the Committee on 20.12.2022 to examine the pollution hazards at about 2.00PM, the conveyor belt and movement of vehicles had been stopped by UAIL, Doraguda. So, the

Committee postponed their visit. On 31.12.2022, the Committee re-visited the spot. During the visit the villagers of Lachhuguda were present. All the villagers agreed that two times visits were made by the Committee. The villagers of Lachhuguda stated that to reduce or hide signs of air pollution, watering on the road was done on that day but the conveyor belt was operating and producing more sound.

The villagers produced the recordings of field situation which was only recorded during the visit of the Committee, not of other days. The Regional Officer, State Pollution Control Board stated that the pollution is caused due to conveyor belt & movement of vehicles etc. and the sound pollution is above the standard limit and the condition of the water due to ash is not palatable as the morbidity of water is more. He further informed that all these can be overcome by regular checking and monitoring by UAIL authorities.

Perused the report of the Collector, Rayagada. In the report of the Collector, it is suggested that proper and efficient function of all dust suppression systems should be installed to avoid any dust emission. For this purpose, they can use bag filters or dust suppression system like ultrasonic fogging system in the intermediate junction house area for effective dust control. The sound pollution can be controlled with the latest available technology. For water pollution the Collector, Rayagada has suggested to dig deep borewell with overhead tank facility for supply of water for direct consumption by the villagers of new Harijan street & Gouda street of Lachhuguda village. In order to avoid noise pollution, the Collector, Rayagada has suggested that the industry should ensure the complete covering and enclosure of intermediate junction house and proper hood covering of bauxite conveyors.

The video clippings produced by the villagers was played on screen for benefit of all present. The villagers stated that the roads on which the vehicles are moving have never been blacktopped. It is used as such since the beginning of the project. It is known that Lachhuguda habitation comprises of 250 families and is 150 mtrs. away from the location of conveyor belt. The villagers have mentioned in their petition dt. 20.01.23 that on the 2nd time visit of the Committee i.e., on 31.12.2022, the company had foul played, sinfully and tactfully sprinkled water on the road and not plied the transporting vehicles on that day, in order to impress upon the committee that no air & sound pollution is being caused by the company.

Despite differing contentions by the company, the general prevalence of pollution in the area cannot be denied. Besides the contention of the petitioner, the observation and recommendation in the enquiry report of Collector, Rayagada, and the report of the R.O., SPCB, Rayagada support this assessment. Coming to the other points raised by the petitioners, appraisal on the issues is condensed in the following paras:

In Para-12 of the petition, it is submitted that basing on the report of the Collector, Rayagada, RDC(SD) vide L. No. 324 dt. 22.12.2021 has suggested to Govt. (R&DM Dept.) for consideration the plight of Dwimundi Village.

It is clear that the conveyor belt runs through acquired land and that Lachhuguda village lies outside acquired area at a distance of about 150 meters from the conveyor belt. The parallel drawn between Lachhuguda village and Dwimundi village suffers from inconsistencies of facts. Dwimundi is located right beside the boundary of the main Utkal Alumina plant while Lachhuguda is situated at a distance of at least 1km from the main plant. Specific report on Dwimundi was sent to the Government vide RDC L. No. 324/LA date 22.12.2021.

Apropos the contention raised by petitioner- party in the original petition to the Hon'ble High Court dt 21.09.2022 that no RPDAC meeting has been held since 2017, the matter needs to be put in the proper perspective. The 5th RPDAC for Utkal Alumina was held on 09.12.2017 and the 6th RPDAC was held on 06.10.2022. In both these meetings concerns of Lachhuguda village were discussed and recorded in the proceedings.

The Orissa Resettlement and Rehabilitation policy,.2006 primarily gives emphasis on "Displaced Families" following an acquisition of their land (homestead) for the purpose of the plant (company), and attendant benefits due to these families as a result of such acquisition and displacement thereof. Both Lachhuguda and Dwimundi villages (house site settlements) fall outside the RR policy's (2006) purview, in that these habitations are the acquired zone so as to preclude them from 'displaced' category. Rehabilitation of habitations in proximity to the area of operation, but nonetheless unacquired, has not immediately been provided for in the policy. This being the case, within the ambit of this policy, relocation to an alternative site (as demanded by the petitioner) is a direct corollary to acquisition.

The company (M/s Utkal Alumina) has categorically submitted that they have no plans to acquire any more land (Lachhuguda village).

In fine appreciation of all issues assessed so far, this authority is inclined to believe that the situation can still be salvaged without the need to relocate the villagers of Lachhuguda by strictly implementing the recommendations tendered by Collector, Rayagada and Regional Officer, SPCB, Rayagada. These are practical steps that should be attempted on ground to ameliorate the situation.

The Regional Officer, SPCB has been vested with authority by the SPCB, Bhubaneswar. As per the Office order No. 10683/ I-Estt. (Misc.)276/2017 dt. 30.07.2021 of State Pollution Control Board, Odisha, Bhubaneswar, it is "the responsibility of the Regional

Officer to provide guidance to the regulated units (i.e., Industry, Mines, ULBs, HCUs etc) to adopt appropriate pollution control measures. The Regional Officer shall initiate legal action against the defaulting units for which he/she has been authorised to file prosecution cases or issue directions in accordance with relevant provisions of law. The Regional Officer shall attend relevant meetings and remain in constant touch with the District Authorities and render necessary advise and assistance to the District Authorities in the matter of environmental pollution within their respective jurisdiction. Regional Officer shall develop a system of grievances redressal to address the public complaints on environmental matters within their jurisdiction. The Regional Officer shall lodge complaints under the provision of Section 15 of Environment (Protection) Act, 1986 as violation of any provision of the Environmental Protection Act, 1986, i.e., pollution of air, water or land or any harm to the environment is a crime which amounts to the punishment of imprisonment up to 05 yrs. along with a fine that may extend to Rs.1,00,000 and continued failure to comply with the law will lead to an additional fine of Rs. 5,000 for every day of non-compliance". Regional Officer, SPCB, Rayagada is directed to act as per the above-mentioned office order without any negligence.

Further M/s UAIL, Doraguda is directed to adhere the following instructions: -

a. To ensure proper & efficient functioning of all dust suppression systems to avoid any fugitive emissions from plant towards nearby village.
b. Regularly maintain and check the dry fog system operating with high pressure in the aforesaid junction house area for control of dust to the nearby village Lachhuguda. The company shall also upgrade the existing set-up with latest Dust Extraction system i.e., Bag filter/ Dust suppression system like Ultrasonic Misting/ Fogging System in the intermediate junction house area for effective dust control.
c. Proactively take suitable steps for concreting/ black topping the roads used by its lorry/ trucks along the village Lachhuguda and its vicinity, and regular water sprinkling along the said routes and plantations to maintain Ambient Air Quality within the prescribed norm in the village area.
d. Deep Bore Well with Overhead Tank facility and water supply system shall be provided to the villagers at the New Harijan Street and at the Gouda Street of the Lachhuguda village under CSR activities.
e. The Company shall ensure the complete covering and enclosure of intermediate junction house and proper hood covering of Bauxite Conveyors to control noise during operation of the unit.

The R.O., SPCB, Rayagada is also directed to make regular inspections of the plant and the surrounding areas, and give full vent to the authority vested on him vide the aforementioned SPCB order of 2021.

The Collector Rayagada shall head an Environment Management Committee comprising DFO Rayagada, Tahasildar Kashipur, R.O Rayagada (SPCB), Utkal Alumina Officials and two responsible village representatives of Lachhuguda, among others to monitor the implementation of the above order and the pollution levels in the area. The Committee shall meet once every two months to appraise progress and also to address the immediate environmental concerns / grievances of the people.

All of the above for immediate activation. The Hon'ble High Court order in WP(C) No.24990 of 2022 is thus complied and the matter accordingly disposed.

Revenue Divisional Commissioner,
Southern Division, Berhampur.

ANNEXURE R1/3

5th R.P.D.A.C

COLLECTORATE, RAYAGADA
(R & R Cell)

No. 54 /RPDAC III-04/18 Dtd. 04/04/2018

To

1. Shri Jhina Hikaka, Hon'ble M.P(Lok Sabha), Koraput
2. Shri Lal Bihari Himirika, Hon'ble MLA, Rayagada
3. Dr. Purusottam Gomango, President, Zilla Parishad, Rayagada
4. Chairperson, Kashipur Panchayat Samiti.
5. D.I.G., of Police, (Southern Western Range), Koraput
6. Superintendent of Police, Rayagada
7. Project Director, DRDA, Rayagada
8. Sub-Collector, Rayagada.
9. Spl. L.A.O, Rayagada.
10. Project Director, R & R Cell, Collectorate, Rayagada.
11. Chief Executive Officer, M/S UAIL, Doraguda.
12. Asst. Vice President, CSR & Admn., UAIL, Doraguda.
13. Executive Secretary, USO, Devodola, Rayagada.
14. President, OPDSC, Raniguda Farm, Rayagada.
15. Representative of Ranjhimadi SHG, Rayagada
16. Representative of Kasadei SHG, Malliguda, Rayagada.
17. Sri Belkar Naik, S/o- Late Magata Naik, PAP, RR Colony, Nuapada.
18. Sri Sabala Naik, S/o- Udhav Naik, PAP, D.Korol.
19. Sri Chitrasen Naik, D.P., D.Korol
20. Sri Sriram Naik, D.P., D.Korol
21. Sri Bhandari Majhi, D.P.R R Colony, Nuapada

Sub: Circulation of Proceedings of 5th RPDAC Meeting of M/S Utkal Alumina International Ltd., Doraguda, Dist.:- Rayagada.

Sir,

Inviting a reference to the above cited subject, I am to enclose herewith the proceedings of 5th RPDAC Meeting of M/S Utkal Alumina International Limited, Doraguda held on 09.12.2017 at DRDA Conference Hall, Rayagada for favour of information & necessary action.

Yours faithfully,

Encl: As above

Project Director, R & R Cell,
Rayagada

Memo No. 55 /R & R Dtd. 04/04/2018.

Copy to P.A.to Collector, Rayagada for kind information of the Collector, Rayagada.

Project Director, R & R Cell,
Rayagada

23

PROCEEDING OF THE 5TH RPDAC MEETING FOR M/S UTKAL ALUMINA INTERNATIONAL LIMITED HELD ON 09.12.2017 AT DRDA CONFERENCE HALL OF RAYAGADA

As scheduled, the 5th RPDAC meeting of M/s Utkal Alumina International Ltd., Doraguda was held on 09.12.2017 in the DRDA conference Hall, Rayagada at 11 AM under the Chairmanship of Revenue Divisional Commissioner (SD), Berhampur.

The names of the members/invitees present in the meeting are attached to this proceeding.

At the outset the Collector, Rayagada welcomed the Revenue Divisional Commissioner (SD), Berhampur & Chairman of RPDAC, Hon'ble M.P, Lok Sabha, Hon'ble M.P, Rajya Sabha, Hon'ble M.L.A. Rayagada, all the Officers of District Administration, Police Administration, Company Representatives, as well as other Officers/Members present in the meeting. In her welcome speech the Collector explained about the objective of the meeting.

Thereafter the RDC (SD) & Chairman of the RPDAC welcomed the Hon'ble M.P.s and M.L.A & other Members and Officials. Since the meeting was convened after a gap of 7 years, for better discussion on outstanding issues/grievances the RDC (SD) & Chairman of RPDAC allowed 06 nos representatives of the affected villages as invitees to participate in the meeting.

The PD, DRDA, Rayagada who initiated discussion read out the definitions of Displaced Persons and Affected persons as defined in the R & R Policy, 2006 and explained about the benefits the families can avail under the said categories.

Thereafter the Chairman, RPDAC requested the UAIL Authorities to make their presentation. UAIL authorities made a power point presentation about the present status of the Plant, the proposed expansion of capacities and the CSR activities taken up by UAIL.

After the power point presentation the Chairman, RPDAC asked the UAIL Authorities to share information relating to employment under different categories that has been provided by UAIL in its Plant and Mining Operation. And the proportion of local people provided with employment.

Employment opportunities to the local youths/DP/PAP:-

The UAIL authorities presented the following table containing information relating to employment provided both under direct payroll of the UAIL and on outsourcing basis.

Type	Category	Within Kashipur	Rest of Rayagada	Rest of Odisha	Out of Odisha	Total
Under UAIL Roll	Semi-skilled to High skilled	334	6	4	2	346
	Supervising and managerial	62	40	208	123	433
Out sourcing company working under UAIL	Semi-skilled to Highly skilled	1215	168	1069	537	2989
	Supervising and managerial	19	40	156	69	284
	Total	**1630**	**254**	**1437**	**731**	**4052**

The Chairman, RPDAC wanted to know from the UAIL authorities their strategy about employment of persons who have been imparted training in employable skill. He suggested that the company need to prepare the database of persons from the local areas who can be employed. It was also expressed that the Company needs to keep track of science graduates who are from Kashipur and give them some training that would prepare them for future employment. By the time, the expansion work of the plant completes, ways to accommodate these local candidates in the job at the plant can be effected.

The Chairman, RPDAC advised the UAIL Authorities to share the name, Address of local persons who have been provided with employment or engaged on outsourcing basis by UAIL with the Dist. Administration on regular basis. It was instructed that the employment figure thus provided needs to be verified by the District Administration.

Sri Mishra, Chairman UAIL informed that in case of capacity expansion additional employment opportunities would arise and preference would be given to local youths. However managerial skill for running power plant have to be sourced from outside.

The Chairman, RPDAC expressed that the figures provided by UAIL with regard to employment of persons in the Semiskilled and Highskilled category and in the Supervising/Managerial category under payroll of UAIL from within Kashipur vis-a-vis outside the state needs to be assessed and confirmed. An official report on this may be presented later to the Chairman.

The Hon'ble MP, Lok Sabha pointed out that, those families whose lands have been acquired but left with homestead land and staying in houses nearer to the Plant need to be considered for better package and assistance.

Issue of displacement of Dwimundi & grant of DP Status to the villagers:-

The Chairman, RPDAC invited Sudarsan Naik, Shankarsan Naik and Purandar Naik of village Dwimundi to lay their grievance before the Committee. All of them reiterated their demand for grant of DP status. The Chairman, RPDAC explained that, since only agriculture land has been acquired but no homestead land has been acquired and people have not been displaced, granting DP status to Dwimundi village is not possible under the current provisions of the R&R Policy.

However the company authorities opined that if the villagers want they can be shifted and they can be provided with house site and assistance for housing but DP status cannot be given. To this the invitee villagers of Dwimundi reacted that, they are not prepared to leave the village unless DP status is provided to them and they would not allow the proposed expansion of the plant.

The Collector, Rayagada informed that, since the villagers of Dwimundi have filed a writ petition in the Hon'ble High Court, Odisha vide WP(C) 11685/2016 and the matter is sub-judice, any further progress on the issue can be made only after Order of the Hon'ble High Court is received. The Collector, Rayagada opined that in case the villagers of Dwimundi agree to shift to another location, then the UAIL need to provide them houses constructed by the company instead of giving financial assistance and provisions are to be made to provide necessary supportive infrastructure in and around the area.

The Chairman, RPDAC suggested that if required the issue may be referred to the Government for necessary clarification. However, till the Writ Petition is disposed off it would be prudent to wait for the decision of the Hon'ble High Court. The Chairman, RPDAC also suggested that the District Administration along with Company officials can prepare a road map based on the discussion in the meeting to address the issue after the order of the Hon'ble Court is received.

Demand of villagers of Lachuguda for DP Status:-

On the issue of demand by the villagers of Lachhuguda, who have lost their homestead land due to construction of conveyor belt by the UAIL for grant of DP status, the discussion could not progress since the Tahasildar, Kashipur have not furnished detailed report on this matter. The Chairman, RPDAC instructed to make detailed

verification with proper documentation to ascertain whether the affected persons have been displaced due to construction of Conveyor belt or not.

Issue of displacement of D.Karal & grant of DP Status to the villagers:-

Sarbadan Takiri another member of the Committee raised the issue of D.KaralTala Street which has been acquired by the company but D.Karal Upper Street has not been acquired. To this UAIL authorities led by its Chairman, stated that out of 1660 Acres only 390 Acres of land has been acquired in D.Karal. The Chairman, UAIL also informed that earlier attempts of acquiring more land at D.Karal were resisted, due to which company made changes in the plant design and acquired land from other villages. The petition of the villagers of D.Karal demanding DP status was submitted to the Chairman, RPDAC and received consent for inclusion in the proceeding.

Providing of better education to the Children of DP & PAPs:-

Sarbadan Takiri also alleged that children of DP families are not being given preference in the Aditya Birla Public School. The UAIL authorities in their presentation gave figures about the no of children enrolled in the Aditya Birla Public School from the villages around the Plant area but could not provide figures about the no. of children from DP families who have been enrolled in the School. The Committee members agreed that children of DP families need to be given priority in the School.

The issue of D. Koral Govt. School being unsafe was raised by one of the members along with demand for its urgent repair by UAIL. The Collector, Rayagada assured that the building infrastructure can be improved by the District Administration.

Creation of Corpus Fund for higher education Purpose:-

The Hon'ble MP, Lok Sabha suggested that Corpus Fund utilizing funds out of DMF can be set up to provide necessary support to the poor and meritorious students of the area for higher education. The Chairman, RPDAC agreed to that and opined that steps can be taken for creation of Corpus Fund as done in the case of Koraput. The Chairman, RPDAC further suggested that, Corpus Fund to the tune of Rs. 50.00 lakh may be created to support the meritorious students from weaker sections. The yardstick for sanction of assistance may be prepared by the Sub-Committee to be formed for the purpose. Contribution from Corporate Sector like UAIL, IMFA, JKPM and other Private Players and DMF can be utilised for the Corpus Fund, which is to be kept with the Collector, Rayagada. The proposal was unanimously accepted by the Committee.

Proposal for re-constitution of RPDAC:-

Kasti Turuk one of the invitees pointed out that only DPs have been chosen as representative in the RPDAC. However there should be some representative of project affected families in the RPDAC Committee so that the problems faced by them can also be discussed adequately in the Committee meeting. Sri Turuk also raised the issue of non-functioning of the ITI opened at Kashipur and demanded that the same should continue so that the rural youth of the area can acquire necessary skill.

The Collector is to look into these demands and if admissible take up the matter of the ITI with the government. Status reports as such will have to be given to the Chairman as well.

Discrepancy in providing of DP Status:-

One of the members raised the issue of discrepancy in the number of families that have been granted DP status. The no of DP families should have been 93 but only 87 families have been granted DP status instead. The collector was instructed to ascertain the veracity of the claim and action taken report on the same is to be tendered to the Chairman.

Formation of Sub-Committee:-

The Chairman RPDAC emphasized that a Sub-Committee should be formed under the Chairmanship of the Collector, Rayagada along with 4 or 5 relevant government officials as members and there should be representatives of UAIL, elected PRI members at GP level and that of the public to look into the issues that come up before the RPDAC and to suggest measures to tackle the same. This, with the objective of ensuring that the decisions taken at the RPDAC are followed up without delay and also to keep track of all activities in the area .Since it is not possible for the RPDAC to meet on a monthly basis, the Sub-Committee can be adequately authorised to take needful decision with the approval of the Chairman.

Proper utilization of CSR Funds of UAIL:-

On the issue of placing funds to be spent under CSR head with the District Administration there was consensus among the Committee members. The Chairman, RPDAC suggested that, a shelf of projects need to be prepared which can be taken up out of CSR funds after approval of the same by the Chairman, RPDAC or the Committee. This would prevent duplication of projects by multiple agencies. Many of the members emphasized that plantation should be taken up on a greater scale by the Company in Kashipur Tahasil, which was agreed to by Sri S. K. Mishra, Chairman of UAIL.

Other representation of Members:-

One of the Committee Members requested that Jaga Majhi of Nuapada who belongs to a project affected family has lost both of his parents and has become an orphan and he may be provided with financial assistance. The Chairman, RPDAC advised the company authorities to provide necessary financial assistance to the Orphan.

Thereafter Chitrasen Naik, Member of the Committee submitted a charter of demands enlisting 12 points regarding better amenities and enhanced remuneration to the DP families settled in R&R Colony 01 and 02.

Dipai Majhi, representative of SHG and member RPDAC stated that her granddaughter who is studying at Thutibar Colony Ashram School has nobody else to look after except Smt. Majhi. On account of her old age she requested that, District Administration should provide necessary assistance to her so that she can have a better future.

All these Individual cases will be taken up on a case-to- case basis by the Collector and UAIL.

Finally the Collector, offered vote of thanks to Chair and all participants and the meeting concluded.

Collector, Rayagada

Chairman-cum-Revenue Divisional Commissioner, (Southern Division), Berhampur

e-mail

OFFICE OF THE REVENUE DIVISIONAL COMMISSIONER, SOUTHERN DIVISION, ODISHA, BERHAMPUR

No. 741 **/ LA All-24/21** **Dt.** 04-11-2022

From

The Addl. Secretary to RDC. SD.
Berhampur.

To

The Collector, Rayagada.

Sub: Proceedings of the 6th RPDAC meeting for M/s UAIL held on 6.10.22 at Rayagada.

Madam,

In inviting a reference on the subject cited above, I am directed to send here with copy of the proceedings of the 6th RPDAC meeting for M/s UAIL held on 6.10.22 at Rayagada duly approved by RDC (SD)-Cum-Chairman RPDAC and to request you to circulate the same among the members of RPDAC and officers concerned and also send the compliance report at the earliest.

Yours faithfully,

4.11.2022.

Addl. Secretary

e-mail /pitamber.behera@adityabirla.com.

Memo No 742 dt. 04-11-2022

Copy along with copy at the proceeding forwarded to Unit head M/S UAIL Doraguda Dist Rayagada for information and necessary action.

4.11.2022

Addl. Secretary.

PROCEEDIG OF THE 6TH RPDAC MEETING FOR M/S UTKAL ALUMINA INTERNATIONAL LIMITED HELD ON 06.10.2022 AT DRDA CONFERENCE HALL OF RAYAGADA

As scheduled, the 6th RPDAC meeting of M/s Utkal Alumina International Ltd., Doraguda was held on 06.10.2022 in the DRDA conference Hall, Rayagda at 11.00 AM under the Chairmanship of Revenue Divisional Commissioner (SD), Berhampur.

The names of the members/invitees present in the meeting are attached to this proceeding in Annexure-A

At the outset the Collector, Rayagada welcomed the Revenue Divisional Commissioner (SD), Berhampur -cum- Chairman of RPDAC, Hon'ble M.P., Lok Sabha, Hon'ble Minister, ST&SC Development, Minorities & Backward Classes Welfare and Law, Hon'ble M.L.A, Rayagada, all the Officers of District Administration, Police Administration, Company Representatives as well as other Officers/Members present in the meeting. In her welcome speech the Collector explained about the objective of the meeting.

The compliance of the 5th RPDAC Meeting held on 09.12.2017 was discussed in detail. The Chairman requested the Hon'ble members to place their issues/ suggestions before the Committee for a fruitful discussion in the meeting.

The Hon'ble MP (Lok Sabha), Koraput stressed upon providing employment to the local youths of Kashipur Block as well as Rayagada district in U.A.I.L., Doraguda, since the youths of this locality are losing this opportunity in the Company and preferred to go outside for job/ livelihood. He suggested the Company Authority to inform about the utilization of CSR fund. Also he raised for fulfilment of the demands of villagers of Dwimundi & D.Koral Upper Street for DP status. He also intimated that the work culture of the Company should be changed to a more transparent and people-friendly one.

The Hon'ble MLA, Rayagada also placed the similar issue of providing employment to the local youths of Kashipur Block area. He also, raised the issue of water crisis and road connectivity in village Tikirapada. He suggested that, the CSR activities taken up by the UAIL Authority should be shared with the Public Representatives like MLAs and MPs. The President, Zilla Parishad, Rayagada also agreed with the issues raised by both the Public Representatives i.e. Hon'ble MP/ MLA so also for providing DP status to both the villagers of Dwimundi and D.Koral Upper Street.

The Hon'ble Minister, ST&SC Development, Minorities & Backward Classes Welfare and Law, Odisha stated that the grievance hearing mechanism should be simplified

and solution be made to overcome the pollution hazards faced by the people of villages like Dwimundi, close to the plant. Also, the Company Authority should focus on providing skill development training to the local youths for better job opportunities and to provide employment to the local people on priority basis.

Thereafter the Chairman, RPDAC instructed the President & Unit Head, UAIL, Doraguda to act upon the instructions of the Hon'ble People Representatives and the list of CSR Projects taken up since inception should be shared with them for public awareness as well as the district administration and G.M., RIC, Rayagada who is the Nodal Officer for CSR activities of Companies of this district.

The Chairman, RPDAC requested the UAIL Authorities to make their presentation. UAIL authorities made a power point presentation about the present status of the Plant, and the CSR activities taken up by the UAIL.

During the power point presentation, the Chairman, RPDAC asked the UAIL Authorities to share information relating to employment under different categories that has been provided by UAIL in its plant and Mining Operation and the proportion of local people provided employment therein.

The UAIL Authorities presented the following table containing information relating to employment provided both under direct payroll of the UAIL and on outsourcing basis.

Direct Employment:

Sl.No.	Name of the Industry	Within Kashipur	Rest of Rayagada	Rest of Odisha	Out of Odisha	Total
1	UAIL	459	43	242	142	886

In-Direct Employment:

Sl.No.	Name of the Industry	Within Kashipur	Rest of Rayagada	Rest of Odisha	Out of Odisha	Total
1	UAIL-Refinery	2177	368	1741	772	5058
2	UAIL-Mines	254	34	276	85	649
Total		**2431**	**402**	**2017**	**857**	**5707**

Skill wise Employment:

Industry	Un-skilled	Semi-skilled	Skilled	Highly skilled	Total
UAIL-Refinery	1313	2066	1323	356	5058
UAIL-Mines	218	232	172	27	649

Total	1531	2298	1495	383	5707

DP wise Employment:

Particulars	No. s
Employment DPs-Self	113
OTC	22
Retired	07
Expired/Death	24
No Claim	10
Employment declined DP	07
Total	**183**

The General Manager (CSR/Land/R&R), UAIL, Doraguda presented the details and submitted that the employees working in its different Partner Establishment Companies on outsourcing basis and adjusting them whenever vacancy arises under direct payroll of the UAIL which is ongoing process. She further stated that around 200 outsource persons of Kashipur block area have been appointed in the Company payroll on that basis. As the Alumina Refinery Plant shall be expanded from 2.12 MTPA to 2.47 MTPA by the end of 2023, more outsourced persons might be absorbed under direct roll of the Company. Then the Chairman, RPDAC instructed the UAIL to furnish the list of local persons with their photographs who had been engaged in UAIL, Doraguda in last 05 (five) years and now in position village-wise in a database format to the Collector, Rayagada at an early date.

The Chairman, RPDAC wanted to know from the UAIL authorities about their strategy of employment for the persons who have been imparted training in employable skill. He suggested that, the company is to prepare the database of persons from the local areas who can be employed.

UAIL Authorities expressed that, all the Science graduates of the locality have been employed in the Company by means of direct or outsourcing basis.

The Chairman, RPDAC advised the UAIL Authorities to share the name, Address of local persons, who have been provided employment or engaged on outsourcing basis by UAIL. with the Dist. Administration on regular basis. It is instructed that, the employment figure thus provided needs to be verified by the District Administration.

Chairman UAIL informed that in case of capacity expansion, additional employment opportunities would arise and preference would be given to local youths. However managerial skilled personnel for running power plant may be outsourced.

The Chairman, RPDAC expressed that the figures provided by UAIL with regard to employment of persons in the Semi-skilled and High skilled category and in the Supervising/Managerial category under payroll of UAIL from/within Kashipur vis-à-vis outside the state needs to be assessed and confirmed.

The Hon'ble MP, Lok Sabha pointed out that, those families whose lands have been acquired but left only with homestead land and staying in houses nearer to the Plant need to be considered for better package and assistance. Hon'ble MP, Lok Sabha acknowledged the UAIL's medical support to people, but also pointed out that, they have not given attention to any recommendation/letters of people's representatives. Hon'ble MLA, Rayagada reiterated the same view. UAIL Authorities apologised & assured for prompt response by them for the same. Hon'ble Minister advised for prompt attention & response to such communication & take immediate action for solution of the grievances/problems as per law & also improve the skill development trainings. RDC directed to follow the principles given in the Book Circular-47 meticulously by all concerned. UAIL Authorities stated that, employment has been given to all the DPs.

Issue of displacement of Dwimundi & grant of DP status to the villagers: -

One lady had shown the video recording of sound & noise Pollution at Dwimunid Village by running of the plant adjacent to her village & demanded to shift all the villagers & declare them as D.P. The UAIL Authorities put forth that, if district administration will provide land, then they can construct house for relocation of the Dwimunid village. RDC advised to UAIL Authorities to submit requisition for acquisition of land of Dwimundi village if required for expansion of the plant. The UAIL Authorities has expressed that, their management has a plan for acquisition of land only for establishment of plant with reference to the captive mines & year of functioning. There is no immediate plan for future expansion of plant & acquisition of land. Hon'ble MP opined that the UAIL management is an icon of Indian Aluminium Industry. The company should be flexible towards demand of the villagers of Dwimundi & declare D.P. as per law. RDC informed the house that facts pertaining to Dwimundi have already been reported to Govt. in R&DM Dept. with recommendations & requested the Hon'ble Members to also pursue the matter with Govt. at their level.

UAIL Authorities told that, though the village Dwimundi has not been displaced but we have provided 21 permanent & 142 temporary jobs to the eligible people of Dwimundi & our management are more concerned for giving opportunities of employment to the affected people. It was also informed that, they have adopted the two villages like Dwimundi & Paikakupakhal & taking various development programmes for both of the villages on priority

basis. Spl. LAO, Rayagada had expressed that, a WP (C) 11645/2016 filed by Sri Pitabas Nayak is pending before Hon'ble High Court. Counter affidavit has already been submitted during 2017. AG(O) Cuttack has also been requested frequently for listing before the Hon'ble Court & Dispose of the same at the earliest.

Issue of displacement of D.Karal & grant of DP status to the villagers:

The Chairman, RPDAC invited the villagers of D.Koral Upper Street present in the meeting to place their issues/ problems. One Sarbadan Takiri of D.Koral Upper street raised the issue of pollution due to operation of Plant. He complained that the Company is not providing basic facilities like education and health to the villagers and also the entire patch of the land of his village has become unviable since the land surrounding the village are all acquired by the Company leaving this without acquisition. He raised example of D,Koral Tala Street people who have been declared DP.

The Unit Head of the Company informed that temporary dispensary is functioning in day time with all medical equipments, Ambulance facility and 24x7 doctors with adequate medical staff are present to provide health services in the locality. About 02 Kms away from the village, a PHC at Kucheipadar is also functioning. The ambulance service/ Mobile Van are available for immediate service in the locality. Thereafter the Collector. Rayagada requested the RO, SPCB, Rayagada to check the status of air pollution in the village D. Koral Upper Street and furnish a report within 15 days.

As regards employment, it is submitted that 63 villagers of D. Koral Upper Street have been working in direct payroll of UAIL and 221 villagers have been engaged on outsourcing basis under different partner establishment companies of UAIL. The Chairman also advised the Unit Head to furnish the database of those persons with their photographs for record to the Collector, Rayagada for verification at their level.

Sapada Nayak, of D. Korala Upper Street alleged that, they are facing a lot of problems due to air & sound pollution of the company & demanded to relocate them from the site & declare them as D.P.

Officer of SPCB expressed that, the sound & noise pollution can be assuaged by more plantation near the plant site.

Demand of villagers of lachuguda for DP Status: -

The Collector, Rayagada briefed the issue of Lachhuguda villagers and their demands. 26 villagers of Lachhuguda, who have lost their homestead land for construction of conveyor belt by UAIL had now demanded for payment of land compensation of Rs.2,00,000/- each along with employment. The Chairman, RPDAC asked the villagers to put their demand

and one Madhu Naik of Lachhuguda informed that their homestead land had been encroached by the Company through a Contractor for construction of Conveyor Belt. Then the Tahasildar, Kashipur stated that in the year 1998, the UAIL, Doraguda had applied for lease/ alienation of Govt. land to an ext. of Ac.0.60 in mouza- Gaimundatunda (Hamlet- Lachhuguda). But the relevant Case Record could not be readily traced in his Office. On this issue the Land Officer of UAIL produced the records relating to the case land which was issued in the year 2017 before the Chairman. The Chairman, RPDAC instructed the Collector, ADM and Tahasildar, Kashipur to find out the Case Record immediately and take necessary action to redress the grievance of the villagers of Lachhuguda. The records presented by UAIL can also be taken as reference to rebuild the Case Record, if needed.

Representatives of Lachhuguda alleged that due to conveyor belt they are facing a lot of sound & noise as well as air pollution.

UAIL Authorities had shown a power point presentation & stated that, conveyer belt is stretching 18 KM from the captive mines to the industry with proper cover for safety purpose from the rain & water. There is no habitation near the belt. So, there is no possibility of air/noise pollution in the areas adjacent to the belt.

SPCB officer also advised for plantation on both side of the belt to avoid pollution.

Shifting of Primary School at Bagrijhola due to noise and air pollution:-

The Chairman, RPDAC asked about the present status of the pollution issue in Primary School functioning at Bagrijhola. The Special LAO, Rayagada reported that the Tahasildar & BDO, Kashipur have been reminded to identify a suitable patch of Govt. land for the School and provide funds out of any Govt. Scheme for its construction. But no communication in this regard has been received from both of them so far. The Unit Head informed that the School is 100 meter away from the Conveyor Belt Line. Since the DEO, Rayagada was absent, the status could not be reviewed. The Chairman instructed that the District Education Officer, Rayagada must visit the school site and submit a detailed report for relocation of the building. He should submit report within one month.

Demand of villagers of Paikakupakhal on periphery development:-

The villagers of Paikakupakhal demanded for periphery development and resolution of health hazards due to pollution created because of transportation of bauxite from the Mining area to UAIL Plant site. On this issue, the GM (CSR), UAIL made a power point presentation on CSR activities undertaken by the Company out of CSR funds in the village Paikakupakhal. She informed that bauxite is transporting through Conveyor Belt but not in

road. She also informed the Committee that 02 (two) no of Ambulances have been provided by the Company to facilitate health services (01 for Paikakupakhal and 01 for Mining area of Kalahandi). She also informed that UAIL is supporting efforts to improve health and education facilities in this village.

Utilization of CSR Funds of UAIL:-

The Chairman suggested for mounting of clear Display Board at each CSR Project which has been completed, for awareness of general public. The Hon'ble Minister, ST&SC Development, Minorities and Backward Classes Welfare & Law, Odisha suggested that the UAIL Authority should include the Project Proposals as per the demand of the public, which are to be executed under CSR Fund so that the local people can be benefitted. Also the Chairman of the Committee suggested the Company Management to share the advance Action Plan of the CSR Projects with the Public Representatives for the purpose of transparency and also to avoid possible duplication of projects from different schemes.

Creation of Corpus Fund for Higher Education purpose:-

As decided in the 5th RPDAC Meeting it was observed that none of the Companies have placed funds to the Collector, Rayagada towards Corpus Fund for higher education purpose. The Chairman informed the Collector, Rayagada to remind the Companies to contribute money towards Corpus Fund and furnish compliance report within one month.

Filling up the Baphlimali Mines with poisonous soil by UAIL authority which causes contamination in water of that area:-

Sri Somanath Naik and others of village-Gopinathpur, Dist- Kalahandi had alleged that contamination of water was caused due to filling up the Baphlimali bauxite mines with 'Poisonous Soil'. In this regard, the Chairman, RPDAC asked the Unit Head, UAIL to submit his reply in this matter. The Unit Head explained that Baphlimali bauxite mine is a zero discharge mines since no process water, domestic or any effluent has been discharged to outside lease boundary. He also stated that a scientific study on surface run off management was conducted by NIT, Rourkela and their recommendation has been effectively implemented by the Company and also it was verified by NIT, Rourkela. The verification report was submitted to SPCB, Odisha vide letter no. UAIL-Mines/BBM/28/2022. Necessary care has been taken during monsoon to channelize runoff water to the excavated pits and settling ponds, so that it does not carry any sediment to obstruct / affect the water bodies at the foot hill. Regular monitoring of the surface water quality has been undertaken by NABL approved laboratories

in each season and the parameters are well within the limit. The mined-out area is being backfilled by the over burden generated from mines followed by plantation. There is no outside contaminated soil used for backfilling purpose. However, a pilot study for backfilling of red mud in the mined-out pit has been approved from MoEF& CC, IBM and SPCB, Bhubaneswar. The entire research study will be under strict supervision of IIT- Bombay for geotechnical aspects and NEERI for environmental aspects. Regular monitoring of ambient air quality has been carried out in the core as well as buffer zone and the particulate levels are well within the norm prescribed by NAAQ standard. The Company Authority has been taking necessary measures to supress and control the generation of dust due to mining activity by using mobile and fixed sprinklers, deployment of fog cannons, dry fog, wet drilling and controlled blasting practices etc. Further he stated that every year extensive plantation has been carried out to prevent the particulate matter from being air borne.

UAIL Authorities informed that, it is a pilot project approved by IIT, Bombay & accordingly after extraction of alumina from the bauxite the residues are transported & filled in the mines.

Other representation of Members: -

All representatives of DPs demanded that, the retirement age of the employees working in UAIL in direct roll should be extended from 58 year to 65 year. Priority to be given for job to local people after expansion of capacity of the Plant. However, this is a matter of company policy of Aditya Birla Group and RPDAC can only give recommendations to Government.

Representatives of DP alleged that, they have displaced & settled in the colony but R.O.R. has not been issued in favour of them till date. RDC shown his displeasure for non-issue of ROR in favour of the DPs in the R&R colony. Collector assured that she will look into the matter & ensure issue of ROR within three months of time. A threadbare discussion was made on the issue of filling of the mines after extraction of the ore. This has to be regularly monitored by the administration with the help of R.O., SPCB.

Functioning of Grievance Cell in UAIL Premises:-

The Hon'ble Minister, ST&SC Development, Minorities & Backward Classes Welfare and Law suggested for strengthening the Grievance mechanism in the UAIL Company to redress the grievances of the Project Affected Persons/ DPs/ local people. Hon'ble MLA, Rayagada also agreed to the proposal of the Hon'ble Minister. The GM (CSR) informed that on every Wednesday from 09.00 AM to 05.00 PM with Lunch Break from 01.00 PM to 03.00

PM, Grievance Cell is conducted regularly at the CSR Hall and all the grievance applications are mapped in MIS application prepared for the purpose for their smooth redressal. In this regard, the Chairman instructed to improve the Grievance mechanism and inform the action taken on the grievance of the public to the Chairman of the RPDAC as well as to the Collector, Rayagada regularly.

It is decided that, all the individual cases will be taken up on a case-to-case basis by the Collector and UAIL.

Finally, the Collector, offered vote of thanks to the Chair and all participants and the meeting was concluded.

Chairman-cum-Revenue Divisional Commissioner,
Southern Division, Berhampur.

ANNEXURE R1/4

Tel No.06856-223073
E-mail:rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
(DEPARTMENT OF FOREST, ENVIRONMENT& CC, GOVT. OF ODISHA)
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

Letter No 1650 **By Post** **Date** 05.06.2023

Er R K Sahu
Regional Officer I/c

To
The Collector & District Magistrate
Rayagada

Sub: **Submission of compliance on WP(C) No. 24990/22 filed by Nanda Jhodia & Others -vrs- State of Odisha & Others – Reg**

Ref: (i)Your Letter No. 85/X-13/2023 (R&R Cell), dtd 26.05.2023
(ii)Letter No. 187(A), dtd 16.03.2023 of the Addl. Secretary to RDC (SD), Berhampur
(iii)This Office letter No.1059, dtd. 10.04.2023 addressed to the MS, SPCB, Odisha

Madam,

In inviting a reference to the above, this is to inform that, this Regional Office, SPCB, Rayagada has been directed vide above letter of the Addl. Secretary to RDC(SD) under reference to make regular inspections of the UAIL Alumina Refinery Plant, Doraguda and the surrounding areas as per the order passed by the RDC (SD), Berhampur. This office has already conducted an inspection and monitoring (air, water & noise) of the above industry on dtd.**28.03.2023** in connection with verification of environmental rectification measures taken by the industry and the inspection report along with monitoring reports were sent to the Member Secretary of the Board vide above letter under reference. (Copy enclosed for kind reference). Another monitoring (w.r.t. air, water & noise) to the above industry was also conducted by this Office on dtd.**31.05.2023** in pursuance to the above order of the RDC(SD), Berhampur and the analysis reports w.r.t. air, water & noise are enclosed for kind information and necessary action.

Yours faithfully,

Regional Officer I/c

Encl: As Above

Memo no 1651 /Date 05.06.2023
Copy forwarded to the Member Secretary, State Pollution Control Board, Odisha, Bhubaneswar for kind information and necessary action.

Regional Officer I/c.

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST, ENVIRONMENT& CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF AMBIENT AIR QUALITY MONITORING

Lab Ref No. 11(I)/AAQ/2023-24 **Dtd.05.06.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Dist-Rayagada

Date of sample collection : 31.05.2023

Sample submitted by : Sri R K Sahu, RO I/c
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No.	Location of Sampling Station	All Parameters are in µg/ m^3		
		PM_{10}	SO_2	NO_x
01	Near Nuapada Township	66	6.3	17.5
02	Over the roof of Training Centre towards D Karol village	72	7.6	18.1
03	Near Bauxite handling area towards Doraguda Village	82	5.0	16.1
04	Near Boundary within the premises of the plant towards Dwimundi Village	66	7.2	23.9
05	Near Intermediate junction house of M/s UAIL towards Lachhuguda Village	78	8.2	21.0
Board's prescribed standard		100	80	80
Method of Analysis		Gravimetric	West & Gaeke	Sodium Arsenite

Analysed By

05/06/2023
Senior Scientific Asst.
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05/06/23
Regional Officer I/c
Regional Officer I/c
State Pollution Control Board
Rayagada

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST, ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada, 765001

ANALYSIS REPORT OF NOISE MONITORING

Lab Ref No 11(II)/AAQ/2023-24 **Dtd.05.06.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Dist.Rayagada

Date of Monitoring : 31.05.2023

Monitoring conducted by : Sri R K Sahu, RO I/c
Sri G Ch Dash, SSA
Sri S G Achary, JSA&
Sri A Jena, FA

Sl No	Location of Sampling	Noise level in dB		
		L max	L min	Leq dB(A)
01	Near Main Gate	60.0	44.0	48.7
02	Near Training towards D Karol Village	73.9	51.2	56.7
03	Near the Boundary within the premises of plant towards Dwimundi Village	58.9	49.7	52.6
04	Near Bauxite Handling area towards Doraguda village	74.8	59.1	62.8
05	Near intermediate junction house of M/s UAIL towards Lachhuguda village	67.2	27.1	45.2

N.B.

i. Prescribed Standard of Leq dB(A) for residential area Day time: 55 as per the Noise pollution (Regulation and control) rules,2000
ii. Day Time monitoring carried out between 3 pm to 5 pm.

Analysed By

05/06/2023

Senior Scientific Asst
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05/06/23

Regional Officer I/c
Regional Officer I/c
State Pollution Control Board
Rayagada

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST,ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF SOURCE EMISSION MONITORING

Lab Ref No. 03/Stack/2023-24 **Dtd.05.06.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited, (Refinery) Doraguda, Dist- Rayagada

Date of sample collection : 31.05.2023

Sample submitted by : Sri R K Sahu, RO I/c
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No.	Stack details	Temp of flue gas (°C)	Velocity (m/s)	Particulate Matter (mg/Nm^3)
01	Stack attached to CF Boiler I after ESP	122	15.3	55
02	Stack attached to CF Boiler II after ESP	119	14.1	60
Board's prescribed standard				100
Method of Analysis				Gravimetric

Analysed by

05/06/2023

Senior Scientific Asst

Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05/06/23

Regional Officer I/c

Regional Officer I/c
State Pollution Control Board
Rayagada

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST, ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF WATER SAMPLE

Lab Ref No. 13(I)/WW/2023-24 **Dtd.05.06.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Tikiri, Rayagada

Date of sample collection : 31.05.2023

Sample submitted by : Sri R K Sahu, RO I/c
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No	Location of sampling point	All parameters are in mg/ l except pH		
		pH	SS	BOD
01	Inlet to STP(Oshapada Township)	6.5	104	165
02	Outlet of STP(Oshapada Township) used for gardening	6.9	42	24
03	Inlet to STP(Nuapada Township)	6.9	156	110
04	Outlet of STP(Nuapada Township) used for gardening	7.2	48	22
05	Inlet to STP(Plant)	7.7	112	95
06	Outlet of STP(Plant)Finally discharged to Guard pond	7.8	44	22
Board's prescribed standard		5.5- 9.0	100	30
Method of Analysis		Potentiometric	Gravimetric after filtration	3 days at 27°C

Analysed by:

05/06/2023

Senior Scientific Asst.

Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05/06/23

Regional Officer I/c

Regional Officer I/c
State Pollution Control Board
Rayagada

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST,ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF WATER SAMPLE

Lab Ref No 13(II)/WW/2023-24 **Dtd 05.06.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Tikiri, Rayagada

Date of sample collection : 31.05.2023

Sample submitted by : Sri R K Sahu, RO I/c
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No	Location of sampling point	All parameters are in mg/ l except pH		
		pH	SS	BOD
01	Water from Guard pond (no discharge, recycled)	7.8	74	22
	Board's Prescribed Standard	6.5-9.0	100	30
	Method of Analysis	Potentiometric	Gravimetric after filtration	3 days at 27°C

Analysed by:

05/06/2023

Senior Scientific Asst.

Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05/06/23

Regional Officer I/c

Regional Officer I/c
State Pollution Control Board
Rayagada

Tel: 06856-223073
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[DEPARTMENT OF FOREST & ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF WATER SAMPLE

Lab Ref No 13(III)/OW/2023-24 **Dtd 05.06.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Tikiri, Rayagada

Date of sample collection : 31.05.2023

Sample submitted by : Sri R K Sahu, RO I/c
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No	Location of sampling point	All parameters are in mg/ l except pH			
		pH	SS	DO	BOD
01	Bada river U/s ofthe plant near Nuapada bridge	7.2	76	6.4	1.4
02	Bada river D/s of the plant near Doraguda bridge	7.4	78	6.8	2.2
Designated Best Use Classification of Stream (Class B)		6.5-8.5	-	≥05	03
Method of Analysis		Potentiometric	Gravimetric after filtration	Winkler Azide Modification Titrimetric	3 days at 27°C

ANALYSED BY

05/06/2023

Senior Scientific Asst.

Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

05/06/23

Regional Officer I/c

Regional Officer I/c
State Pollution Control Board
Rayagada

Tel No.06856-223073
E-mail:rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
(DEPARTMENT OF FOREST, ENVIRONMENT& CC, GOVT. OF ODISHA)
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

Letter No 1059 **By Post/ E-Mail** **Date** 10.04.2023

Sri H N Nayak
Regional Officer

To

The Member Secretary
State Pollution Control Board, Odisha,
Bhubaneswar-751012

Sub: **Submission of Inspection Report of M/s Utkal Alumina International Ltd (Refinery Unit), At: Doraguda, Po: Kucheipadar in the district of Rayagada – Reg.**

Ref: HO SPCB Odisha Letter Memo No. 3314, dtd 06.03.2023

Sir,

With reference to the above, please find enclosed herewith the inspection report of the aforesaid industry which was inspected & monitored on **28.03.2023** in connection with verification of the overall compliance status on the rectification measures taken by the industry for the lapses as observed during earlier visits dtd 01.10.2022 , dtd 09.12.2022 & dtd 17.01.2023 w.r.t. compliant petition filed by the villagers of Dwimundi & Lachuguda. This is for kind information and necessary action.

Yours faithfully,

Encl: As above

10.4.2023
Regional Officer

INSPECTION REPORT OF M/S UTKAL ALUMINA INTERNATIONAL LTD (REFINERY UNIT), AT: DORAGUDA, PO: KUCHEIPADAR, DIST: RAYAGADA

Name of the Industry	M/s Utkal Alumina International Ltd (Refinery Unit), At: Doraguda, Po: Kucheipadar, Dist: Rayagada
Date of Inspection	28.03.2023
Inspecting Officer	Sri H N Nayak, RO Er R K Sahu, DEE

The industry was inspected & monitored to verify the overall compliance status on the rectification measures taken for the lapses as observed during earlier visits dtd 01.10.2022 , dtd 09.12.2022 & dtd 17.01.2023 w.r.t. compliant petition filed by the villagers of Dwimundi, Lachuguda as well as to verify the environmental management practice in place. Sri Bhaskar Patra, DGM (Env.) & Sri D P Nayak, Sr Officer (Env.) were present during inspection.

CONSENT & OPERATIONAL STATUS OF THE INDUSTRY

- M/s UAIL comprises of two major facility i.e. (1) Alumina Refinery (Calcined Alumina) and (2) Co-Generation Thermal Power Plant (Coal Based).
- The plant is having **valid CTO up to 31.08.2023** of SPCB, Odisha vide No 3433/IND-I-CON-6101 dtd.09.03.2023 for following products
  1) Calcined Alumina : 2.37 Million Tonne per Annum
  2) Thermal Power : 3x30 MW
- The industry has also obtained **Hazardous Waste Authorization** from OSPCB vide No. IND-IV-HW-931/9663, dtd 14.07.2021 which is **valid upto 31.03.2026**.
- The Alumina Refinery Plant & Co-Generation Thermal Power Plant of M/s UAIL was in operation on the day of enquiry.

BACKGROUND: -

M/s Utkal Alumina International Ltd (Refieney Unit), At: Doraguda, PO: Kucheipadar in the district of Rayagada was issued a direction vide HO SPC Board's letter no 3313/IND-I-Con-6101, dtd. 06.03.2023 for rectification of some lapses as observed during earlier inspections carried out by RO, SPCB, Rayagada dtd 01.10.2022 , dtd 09.12.2022 & dtd 17.01.2023 w.r.t. compliant petition filed by the villagers of Dwimundi, Lachuguda and for improvement in overall environmental management. In the meantime, the unit has submitted the reply vide industry's letter no. UAIL/ENV/2022-23/33, dtd 22.03.2023 regarding rectification measures taken for the non-compliance.

Compliance status on letter issued to M/s UAIL vide no 3313/IND-I-Con-6101, dtd. 06.03.2023 by HO SPC Board, Odisha, Bhubaneswar

Sl No	Point raised	Compliance Status
1	Guard plates shall be provided in overhead conveyor belts to prevent spillage of ore during transportation especially at rod mill area and near human habitation.	The unit has completed the installation of Guard plates in conveyor belts (i.e. the portion of the conveyor area which were left blank) especially at rod mill area to prevent spillage of bauxite during

		transportation. In addition to this, the unit has made provision of debris chutes/pipe chutes in junction houses for material collection in improving housekeeping.
2	Adequate dust suppression system / dust extraction system shall be provided in the intermediate junction house of LDC near the village Lachhuguda to bring down the ambient air quality within permission limit. The junction house shall be properly covered.	The unit has made some maintenance in the existing DFDS system (Dry Fog Dust Suppression System) of the intermediate junction house area of LDC and now performing well. Most part of the junction house was found to be covered with GI Sheets. As verified during visit, the unit has completed the work of Sheet fitting and plates fixed near handrails to cover C1B skirt board area and C1A bend pulley area of the LDC. In addition to this, the unit has made provision of debris chute in junction house for material collection in improving housekeeping. Further, Sheet fitting work to cover ground floor area was found under progress. Plantation has been done near roadside area. To assess the air quality in the intermediate junction house area of LDC near the village Lachhuguda, AAQ monitoring was conducted during inspection and analysis report is enclosed for kind reference.
3	The ash stacking in the railway siding shall be in covered with tarpaulin and shall be provided with adequate dust suppression measures during handling. Similarly, the ash disposal area inside the plant premises shall be provided with adequate numbers of mist cannon for dust suppression.	Ash stacking was found to be carried out under tarpaulin covered near railway siding area. However, soil carpeting & vegetation was found to be going on. The unit has arranged the Moveable mist cannon for dust suppression in the area.
4	Adequate dry fog system shall be provided at the coal handling area.	The unit has made Water sprinkling arrangement at coal handling area and bag filter provision at coal crusher for dust control. The unit has also installed 22 nos of sprinklers & also arranged moveable mist cannon for dust suppression in the area.
5	Plantation along the boundary wall towards Dwimundi village shall be carried out to prevent propagation of dust from factory premises.	The unit has made Plantation along boundary wall towards Dwimundi village to prevent propagation of dust from factory premises. The unit committed to carry out more plantation in the coming monsoon.
6	Effort shall be made to reduce the noise level of the rod mill by application of acoustic enclosures and noise barrier.	The unit has completed the noise barrier like sheeting work in Rod mill area to reduce the noise level towards Dwimundi village and acoustic enclosure provision work was found under progress.
7	Action shall be taken to maintain the village road devoid of ruts and potholes, carry out	The unit has made the road along Dwimundi village completely black topped and also now maintaining

	regular water sprinkling to maintain the Ambient Air Quality in the surrounding villages within the prescribed norm.	the adjacent village roads. As informed, the unit is in the process of consulting with District Administration to utilize the DMF in further improving the rural roads of adjacent villages regularly. To assess the air quality, AAQ monitoring was conducted inside plant premises near the plant boundary towards Dwimundi village and analysis report is enclosed for kind reference.

MONITORING REPORT

The Stack, Ambient Air, Noise & Effluent quality monitoring were carried out during inspections. The Monitoring & analysis report enclosed for ready reference.

10.04.2023

Er R K Sahu, DEE

Dy Environmental Engineer
State Pollution Control Board, Odisha
Rayagada

10.04.2023

Sri H N Nayak, RO

Regional Officer
State Pollution Control Board
Rayagada

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST, ENVIRONMENT& CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF AMBIENT AIR QUALITY MONITORING

Lab Ref No. 36(I)/AAQ/2022-23 **Dtd.31.03.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Dist-Rayagada

Date of sample collection : 28.03.2023

Sample submitted by : Sri H N Nayak, RO
Sri R K Sahu, DEE
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No.	Location of Sampling Station	All Parameters are in µg/ m^3		
		PM_{10}	SO_2	NO_x
01	Near Nuapada Township	57	6.9	15.3
02	Over the roof of Training Centre towards D Karol village	67	8.3	18.9
03	Near Bauxite handling area towards Doraguda Village	78	5.6	18.5
04	Near Boundary within the premises of the plant towards Dwimundi Village	74	5.5	15.2
05	Near Intermediate junction house of M/s UAIL towards Lachhuguda Village	82	7.2	23.9
Board's prescribed standard		100	80	80
Method of Analysis		Gravimetric	West & Gaeke	Sodium Arsenite

Analysed By

31/03/2023
Senior Scientific Asst.
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

31.03.2023
Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

Tel: 06856-223073
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Website: www.ospcboard.org

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Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF SOURCE EMISSION MONITORING

Lab Ref No. 13/Stack/2022-23 **Dtd.31.03.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited, (Refinery) Doraguda, Dist- Rayagada

Date of sample collection : 28.03.2023

Sample submitted by : Sri H N Nayak, RO
Sri R K Sahu, DEE
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No.	Stack details	Temp of flue gas (°C)	Velocity (m/s)	Particulate Matter (mg/Nm^3)
01	Stack attached to CF Boiler II after ESP	119	14.6	48
02	Stack attached to CF Boiler III after ESP	122	13.9	52
	Board's prescribed standard			100
	Method of Analysis			Gravimetric

Analysed by

31/03/2023
Senior Scientific Asst
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

31.03.2023
Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

Tel: 06856-223073
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STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST,ENVIRONMENT & CC, GDVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF WATER SAMPLE

Lab Ref No.127(I)/WW/2022-23 **Dtd.31.03.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Tikiri, Rayagada

Date of sample collection : 28.03.2023

Sample submitted by : Sri H N Nayak, RO
Sri R K Sahu, DEE
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No	Location of sampling point	All parameters are in mg/ l except pH		
		pH	SS	BOD
01	Inlet to STP(Oshapada Township)	6.7	112	155
02	Outlet of STP(Oshapada Township) used for gardening	7.3	36	22
03	Inlet to STP(Nuapada Township)	7.2	168	120
04	Outlet of STP(Nuapada Township) used for gardening	7.4	44	20
05	Inlet to STP(Plant)	7.6	120	85
06	Outlet of STP(Plant)Finally discharged to Guard pond	8.1	38	20
Board's prescribed standard		5.5- 9.0	100	30
Method of Analysis		Potentiometric	Gravimetric after filtration	3 days at 27°C

Analysed by:

31/03/2023

Senior Scientific Asst.

Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

31.03.2023

Board Analyst

Board Analyst
State Pollution Control Board, Odisha
Rayagada

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER
STATE POLLUTION CONTROL BOARD, ODISHA
[DEPARTMENT OF FOREST,ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF WATER SAMPLE

Lab Ref No 127(II)/WW/2022-23 **Dtd 31.03.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Tikiri, Rayagada

Date of sample collection : 28.03.2023

Sample submitted by : Sri H N Nayak, RO
Sri R K Sahu, DEE
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No	Location of sampling point	All parameters are in mg/ l except pH		
		pH	SS	BOD
01	Water from Guard pond (no discharge, recycled)	8.0	66	20
Board's Prescribed Standard		6.5-9.0	100	30
Method of Analysis		Potentiometric	Gravimetric after filtration	3 days at 27°C

Analysed by:

31/03/2023
Senior Scientific Asst.
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

31.03.2023
Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

Tel: 06856-223073
Email: rospcb.rayagada@ospcboard.org
Website: www.ospcboard.org

ODISHA

OFFICE OF THE REGIONAL OFFICER

STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST,ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada,765001

ANALYSIS REPORT OF WATER SAMPLE

Lab Ref No 126(III)/OW/2022-23 **Dtd 31.03.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Tikiri, Rayagada

Date of sample collection : 28.03.2023

Sample submitted by : Sri H N Nayak, RO
Sri R K Sahu, DEE
Sri G Ch Dash, SSA,
Sri S G Achary, JSA &
Sri A Jena, FA

Sl No	Location of sampling point	All parameters are in mg/ l except pH			
		pH	SS	DO	BOD
01	Bada river U/s ofthe plant near Nuapada bridge	7.4	72	6.2	1.6
02	Bada river D/s of the plant near Doraguda bridge	7.2	80	6.4	2.0
Designated Best Use Classification of Stream (Class B)		6.5-8.5	-	≥05	03
Method of Analysis		Potentiometric	Gravimetric afterfiltration	Winkler Azide Modification Titrimetric	3 days at 27°C

Analysed by:

31/03/2023
Senior Scientific Asst.
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

31.03.2023
Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

Tel: 06856-223073
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[DEPARTMENT OF FOREST, ENVIRONMENT & CC, GOVT. OF ODISHA]
Plot No 287/A, 1st Lane, Kasturi Nagar, Rayagada, 765001

ANALYSIS REPORT OF NOISE MONITORING

Lab Ref No 36(II)/AAQ/2022-23 **Dtd.31.03.2023**

Name & Address of Industry : M/s Utkal Alumina International Limited,(Refinery) Doraguda, Dist.Rayagada

Date of Monitoring : 28.03.2023

Monitoring conducted by : Sri H N Nayak, RO
Sri R K Sahu, DEE
Sri G Ch Dash, SSA
Sri S G Achary, JSA&
Sri A Jena, FA

Sl No	Location of Sampling	Noise level in dB		
		L max	L min	Leq dB(A)
01	Near Main Gate	70.1	51.7	54.2
02	Near Training towards D Karol Village	71.4	57.2	54.3
03	Near the Boundary within the premises of plant towards Dwimundi Village	84.8	42.9	53.0
04	Near Bauxite Handling area towards Doraguda village	84.1	35.7	52.0
05	Near intermediate junction house of M/s UAIL towards Lachhuguda village	78.6	50.4	53.2

N.B.

i. Prescribed Standard of Leq dB(A) for residential area Day time: 55 & Night time:45 as per the Noise pollution (Regulation and control) rules,2000
ii. Day Time monitoring carried out between 3 pm to 5 pm.

Analysed By

31/03/2023
Senior Scientific Asst
Sr Scientific Assistant
State Pollution Control Board, Odisha
Rayagada

31.03.2023
Board Analyst
Board Analyst
State Pollution Control Board, Odisha
Rayagada

ANNEXURE R1/5

COLLECTORATE, RAYAGADA

(R & R Cell)

No. 92 **/X-13/2023** **Dtd.** 01 **/07/2023**

ORDER

As per the orders Dtd.14.03.2023 passed by the Revenue Divisional Commissioner, Southern Division, Berhampur, Odisha in WP(C) No.24990/22 filed by Nanda Jhodia & others-vrs-State of Odisha & others and communicated vide Letter No 187(A), Dtd.16.03.2023 of the Addl. Secretary to RDC, SD, Berhampur, an Environment Management Committee is hereby constituted with the following members to monitor the implementation of the order and the pollution levels in the villaga area Lachhuguda-

1.	Collector, Rayagada	Chairman
2.	Addl. District Magistrate, Rayagada	Member
3.	Sub-Collector, Rayagada	Member
4.	Divisional Forest Officer, Rayagda	Member
5.	Tahasilder, Kashipur	Member
6.	Regional Officer, State Pollution Control Board, Rayagada	Member
7.	Unit Head, Utkal Alumina International Ltd., Doraguda	Member
8.	Sri Nanda Jhodia, S/o-Late Lokanath Jhodia Village-Lachhuguda.	Member
9.	Sri Susanta Gouda, S/o-Late Lokanath Gouda Village-Lachhuguda.	Member
10.	Special Land Acquisition Officer, Rayagada	Member

The committee shall meet once in every two months to appraise progress and also to address the immediate environmental concerns / grievances of the people.

01/07/23

COLLECTOR, RAYAGADA

Memo No. 93 **/2023** **Dtd.** 01 **/07/2023**

Copy to the Addl. Secretary to RDC, SD, Berhampur for information with reference to his letter No.187(A), Dtd.16.03.2023 for kind perusal of the Revenue Divisional Commissioner, Southern Division, Berhampur.

COLLECTOR, RAYAGADA

Memo No. 94 **/2023** **Dtd.** 01 **/07/2023**

Copy to all concerned for information and necessary action.

01/07/23

COLLECTOR, RAYAGADA,

ANNEXURE R1/6

ADITYA BIRLA
UTKAL ALUMINA

UAIL/ENV/2023-24/07 Dated. 01.06.2023

To

The Collector & District Magistrate,
Rayagada

Sub: Submission of compliance on WP(C) No. 24990/22 filed by Nanda Jhodia & others-vrs-State of Odisha & others.

Ref: **Your office Letter No.85/X-13/2023 dated:26/05/2023**

Dear Madam,

With reference to the subject citied above and refer to the letter received from Additional Secretary to Hon'ble Revenue Divisional Commissioner, Southern Division, Berhampur in WP(C) No. 24099/22 filed by Nanda Jhodia & others-vrs-State of Odisha & Others regarding submission of compliance wherein it is directed to adhere some directives and herewith we are submitting the status of the same below: -

Sl No	Directive	Compliance Status
1	To ensure proper & efficient functioning of all dust suppression systems to avoid any fugitive emissions from plant towards nearby village	Dust suppression measures are being followed up by high jet water sprinkling arrangement & shed provision at Bauxite and coal storage yard. Wagon trippler with dry fog is provided at coal unloading & coal is transported through pipe conveyor. The entire raw material flow is being carried out by covered conveyors. Bauxite is transported from Mines to plant by fully covered long distance conveyor (LDC). Mechanised road sweeping is in practice. Multi-functional moveable machine with mist cannon is in use for fugitive & road dust suppression. Tarpaulin covered truck transportation is in practice. Further, the following additional improvements are being carried out as below: Bauxite handling area – 1. Yard sprinkling system is in line during reclamation operations. 2. Daily PM schedule followed for dust suppression system at all transfer chutes. 3. An interlock lock system has been linked with running system and dust separation system. 4. Complete bag filter annual maintenance with bags replacement has been carried out in the month of May 2023. 5. Sheeting of 4A conveyer has been completed to control any dust & noise emission during operation.

ADITYA BIRLA

		Bauxite Grinding Area – 1. Silo building sheeting job has been completed. 2. A second layer of sheeting has been done inside the silo building which acts a dust and noise barrier. Acoustic noise barrier screen has been installed in mill building followed by sheeting in Mill 1 side.
2	Regularly maintain and check the dry fog system operating with high pressure in the aforesaid junction house area for control of dust to the nearby village Lacchuguda. The company shall also upgrade the existing set-up with latest dust extraction system i.e., Bag filter/Dust suppression system like ultrasonic misting /Fogging system in the intermediate junction house area for effective dust control.	DFDS system already installed in junction house area and maintained. Sheet fitting and plates fixed near handrails to cover C1B skirt board area and C1A bend pulley area. Debris chutes installed for material collection. Sheet fitting work to cover ground floor area completed.
3	Proactively take suitable steps for concreting/black topping the roads used by its lorry/trucks along the village Lachhuguda and its vicinity, and regular water sprinkling along the said routes and plantation to maintain Ambient Air Quality within the prescribed norm in the village area.	Lorry and truck movement has been facilitated through the conveyor system with concrete roads, water sprinkling is done regularly. Plantation is planned during this monsoon.
4	Deep Bore Well with Overhead tank facility and water supply system shall be provided to the villages at the New Harijan Street and at the Gouda Street of the Lachhuguda village under CSR activities.	Work in progress. 1 nos. of deep bore well have been completed on 31.05.2023 in Jhodia Street. Balance completion by July'2023
5	The company shall ensure the complete covering and enclosure of intermediate junction house and proper covering of Bauxite Conveyors to control noise during operation of the unit.	Procurement of Acoustic Enclosure in progress and shall be installed by Sept'2023. Bauxite Conveyors are fully covered to attenuate noise level.

Further, we assure you of our commitment to fulfil all the guidelines & instructions as may be provided from your end.

This is for your kind information and necessary reference please.

Thanking you,

Yours faithfully,

For **UTKAL ALUMINA INTERNATIONAL LIMITED.**

(Mazhar Beig)
Unit Head & President
Encl: As above

Copy to:

- Regional Officer, SPCB, Rayagada for kind information & record.
- Additional Secretary to Hon'ble RRC(SD), Berhampur for kind information please
- P.D R&R Special LAO, Collectorate Rayagada for kind information please.

ANNEXURE R1/7






























2024/3/29 16:08



ENVIRONMENTAL IMPACT ASSESSMENT
&
ENVIRONMENTAL MANAGEMENT PLAN
FOR
EXPANSION OF ALUMINA REFINERY (1.5 - 3.0 MTPA)
AND
CO-GENERATION POWER PLANT (90 - 150 MW)

OF

M/S. Utkal Alumina International Ltd.

At: Doraguda , Block: Kashipur, Dist: Rayagada, Odisha



Prepared by

Kalyani Laboratories Pvt. Ltd.

Plot No.-1867, Bomikhal, Bhubaneswar-751010, Odisha

NABET Accreditation- RAAC-137th, 07.07.2017

Doc No.: KLPL/EIA(IND)2017-02,Issue 02

December, 2017

ADITYA BIRLA

UTKAL ALUMINA

Undertaking by Project Proponent

We do hereby undertake that the Final EIA/EMP Report of M/s Utkal Alumina International Limited w.r.t Expansion of Alumina Refinery from 1.5 to 3.0 MTPA along with Co-generation Power Plant from 90 to 150 MW at Doraguda, Block/Tehesil: Kashipur, Dist.: Rayagada, Odisha; is prepared in accordance with the prescribed ToR issued by the MoEF&CC vide letter no. J-11011/753/2007-IA-II (I), dated 22.05.2017; and the contents (information and data) of the report about our project are correct and true to the best of our knowledge & belief.

(N. Nagesh)
Unit Head & President
M/s Utkal Alumina International Ltd.

Undertaking by Consultant

We do hereby undertake that the EIA/EMP Report of M/s Utkal Alumina International Limited w.r.t Expansion of Alumina Refinery from 1.5 MTPA to 3.0 MTPA along with Co-generation Power Plant from 90 MW to 150 MW at Doraguda, Block/Tehesil : Kashipur, Dist.: Rayagada, Odisha; is prepared by us in compliance with prescribed ToRs (issued by MoEF&CC vide letter no. J-11011/753/2007-IA-II(I), dated 22.05.2017;) and the data submitted in the report are factually correct.

For Kalyani Laboratories Pvt. Ltd.

Managing Director

Dr. Debasis Biswal
Managing Director
M/s Kalyani Laboratories Pvt. Ltd.

(Format of first inside page for EIA report mentioning the name of the experts involved)

Declaration by the experts contributing to the EIA

I, here by certify that I was a part of the EIA team in the following capacity that developed the above EIA.

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Signature & Date: **15.12.2017**

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NABET Certificate No. & Issue Date: RAAC- 137 dated 07.07.2017

CONTENTS

CHAPTER	SEC	SUB-SEC	DESCRIPTION	PAGE NO.
	PREFACE			1
CHAPTER-0	**EXECUTIVE SUMMARY**			3
CHAPTER-I	**1.0 INTRODUCTION**			13
	1.1		Background	13
		1.1.1	About the Company & Project Proponent	15
		1.1.2	Purpose of Preparing EIA Report	16
	1.2		Details Of The EIA Consultant Including NABET Accreditation	16
		1.2.1	About EHS Consultants	16
	1.3		Project Location	17
		1.3.1	Justification of the Selected Site	19
	1.4		Description of nature, size, location of the project and its importance to the country and region	19
		1.4.1	Nature of the Project	19
		1.4.2	Importance of the Project to the Country and Region	19
		1.4.3	Importance and benefits of the project	20
	1.5		Methodology & Basis of EIA/EMP	20
	1.6		Regulatory scoping	21
	1.7		Summary of ToR Compliance	21
	1.8		Statutory Clearances of the Existing Project	28
		1.8.1	Environmental Clearance of the Existing Project	28
		1.8.2	Certified copy of the latest Monitoring Report from RO, MoEF&CC	28
		1.8.3	Consent to Establish of the Existing Project	28
		1.8.4	Consent to Operate of the Existing Project	28
		1.8.5	Compliance Report on CTO Conditions	28
	1.9		Litigation Pending against the Project	29
	1.10		Structure of the Repot	29
CHAPTER-II	**2.0 PROJECT DESCRIPTION**			30
	2.1		Project Description	31
	2.2		Type of Project	31
	2.3		Need for the Project	31
	2.4		Location	33
	2.5		Products with capacity for the proposed project	33
	2.6		Proposed Schedule for Implementation of Project	34
	2.7		Process Description	34
		2.7.1	Process description of Alumina Refinery	35

		2.7.2	Process description of Co-generation	46

Page -

			Power Plant	
		2.7.3	Waste Water Management System	49
		2.7.4	Process Flow Diagram	50
		2.7.5	List of Major Equipments	51
		2.7.6	Mass & Energy Balance	56
	2.8		Specification of Raw Materials & Fuels	57
	2.9		Specific Consumption of Raw Materials & Fuels	59
	2.10		Requirement Raw Materials, Chemicals & Fuels with their Sourcing & Logistics	59
	2.11		Storage & Handling of Raw Materials, Product & other Materials	59
	2.12		Requirement of Water, Source of Supply, Storage & Distribution System	60
	2.13		Approval for sourcing of Water	62
	2.14		Power Requirement & its Approval	62
	2.15		Manpower Requirement (Regular and Contractor)	62
	2.16		Facility-wise Land use Break-up for Existing and Proposed Project	63
	2.17		Layout Map Indicating Existing and Proposed facilities along with Greenbelt	64
	2.18		Existing and Proposed Infrastructure Facilities	66
	2.19		Project Cost	68
	2.20		Costing of Environmental Pollution Measures	68
CHAPTER-III	**3.0 DESCRIPTION OF THE ENVIRONMENT**			69
	3.1		Study Area, Period, Components & Methodology	70
	3.2		Environmental Features of the Study Area	71
		3.2.1	Drainage Pattern	80
		3.2.2	Other Industries in the Study Area	82
		3.2.3	Eco-sensitive Area & Environmentally Sensitive Place	82
	3.3		Salient Features in and around Project Site	82
		3.3.1	Details of Project Site	82
		3.3.2	Details around the Project Site	83
		3.3.2	Status of Land Acquisition and Category-wise Land Use Break-up	84
	3.4		Geology and Geo-Hydrology of the Study Area	84
		3.4.1	Geology of the Study Area	84

		3.4.2	Hydro-geological Study of the Area	85
		3.4.3	Ground Water Level	85
		3.4.4	Pre-monsoon Ground to Water Level	85
		3.4.5	Post monsoon Depth to Water Level	86
		3.4.6	Water level fluctuation	86

Page -

		3.4.7	Consolidated Formations	87
		3.4.8	Structure	87
		3.4.9	Aquifer Characteristics	87
		3.4.10	Assessment of Ground Water Resources	88
		3.4.11	Prospect of Ground Water Development	88
	3.5		Environmental Base Line Status	89
		3.5.1	Meteorological Data	89
		3.5.2	Atmospheric Inversion, Mixing Height, Ventilation Co-efficient (VC)	92
	3.6		Status of Ambient Air Quality	95
		3.6.1	Methodology Adopted for Air Quality Survey	95
		3.6.2	Selection of Sampling Locations	96
		3.6.3	Ambient Air Quality Monitoring	96
	3.7		Status of Ambient Noise Level	99
	3.8		Status of Surface Water Quality	102
		3.8.1	Surface Water Quality Monitoring Locations and Result	102
	3.9		Status of Ground Water Quality	106
		3.9.1	Ground Water Quality Monitoring Locations and Result	106
	3.10		Status of Soil Characteristics	110
		3.10.1	Methodology for Soil Quality Monitoring	110
		3.10.2	Soil Quality Monitoring Locations and Result	112
	3.11		Composition Waste Material	114
	3.12		TCLP Test of the Waste Materials	115
	3.13		Biological Environment	116
		3.13.1	Description of Flora in the Study Area	116
		3.13.2	Description of Fauna in the Study Area	118
	3.14		Forest and wildlife related issues (if applicable)	119
		3.14.1	Forest Clearance	119
		3.14.2	Site Specific Conservation Plan & Wildlife Management Plan	119
	3.15		Socio-Economic Environment	119
		3.15.1	Objective of Socio Economic Study	119
		3.15.2	Selection of study area and sample respondents	120
		3.15.3	Socio-economic profile of the Study Area	120

CHAPTER-IV	**4.0 ANTICIPATED ENVIRONMENTAL IMPACTS & MITIGATION MEASURES**			124
	4.1		Anticipated Environmental Impacts & Mitigation Measures	125
		4.1.1	Identification of Impacts	125
		4.1.2	Methodology of Impact Assessment	126
		4.1.3	Evaluation of Impacts	126
		4.1.4	Matrix Method	129
		4.1.5	Step-I: Calculation of parameter importance value (PIV)	129

Page -

		4.1.6	Step-II: Calculation of total impact score (TIS)	129
	4.2		Impact due to Expansion Project and its Mitigation	133
	4.3		Impacts during Construction Phase and Mitigation Measures	133
	4.4		Impact during Operation Phase and Mitigation Measures	136
		4.4.1	Sources of Air Pollution	138
		4.4.2	Impacts Assessment on Air Environment	139
		4.4.3	Mitigation Measures for Air Environment	155
		4.4.4	Impact Assessment on Noise Environment	158
		4.4.5	Mitigation Measures for Noise Environment	160
		4.4.6	Sources of Water Pollution and its impact	161
		4.4.7	Impact Assessment on Water Environment	162
		4.4.8	Impact Assessment on Water Resources	163
		4.4.9	Waste Water Generation & Management	166
		4.4.10	Mitigation Measures for Water Environment	167
		4.4.11	Water Conservation Measures	170
		4.4.12	Solid Waste Generation and its Management	172
		4.4.12A	Management of Red Mud	175
		4.4.12B	Management and Handling of Fly Ash	182
		4.4.12C	Solid Waste Management Plan for Residential Colony	194
		4.4.13	Hazardous Waste Management	198
		4.4.14	Green Belt Development	200
	4.5		Traffic Study	202
		4.5.1	Impact on Traffic and its Management	202
		4.5.2	Traffic Management	206
	4.6		Existing Occupational & Safety Hazards	206

		4.6.1	Exposure Specific Health Status Evaluation	209
		4.6.2	Annual Report of Occupational Health & Safety	211
		4.6.3	OHS Mitigation Measures Planned for Future	214
	4.7		Energy Conservation Measures and use of Renewable Energy	216
CHAPTER-V	**ANALYSIS OF ALTERNATIVES [Scoping doesn't require "Analysis of Alternatives"]**			218
CHAPTER-VI	**6.0 ENVIRONMENTAL MONITORING PROGRAM (TECHNICAL ASPECTS)**			219
	6.1		Technical Aspect for Monitoring Effectiveness of Mitigation Measures	220
				Page -
	6.2		Environmental Monitoring Programme	220
	6.3		Laboratory Facilities	231
		6.3.1	Budget for Pollution Control Measures	233
CHAPTER-VII	**7.0 ADDITIONAL STUDIES**			235
	7.1		Continuous Risk Management	236
		7.1.1	Hazard Identification	237
		7.1.2	Analysis of Identified Hazard and Risk Assessment	238
		7.1.3	Control Measures	245
		7.1.4	On-Site Emergency Preparedness & Emergency Management Plan	246
	7.2		Linking of Disaster Management Plan with District Disaster Management Plan	250
	7.3		Public Consultation & Hearing	250
	7.4		Enterprise Social Commitment (ESC)	256
	7.5		Social Impact Assessment	256
	7.6		Corporate Social Responsibility Activities	256
	7.7		Rehabilitation & Resettlement Actions	262
CHAPTER-VIII	**8.0 PROJECT BENEFITS**			266
	8.1		Improvements in the physical infrastructure	267
	8.2		Improvements in the social infrastructure	268
	8.3		Employment Potential	269
	8.4		Other Tangible Benefits	269
CHAPTER-IX	**ENVIRONMENTAL COST BENEFIT ANALYSIS [Not recommended at the "Scoping Stage"]**			270
CHAPTER-X	**10.0 ENVIRONMENTAL MANAGEMENT PLAN (ADMINISTRATIVE ASPECT)**			271

	10.1		Administrative Aspect – Implementation of Mitigation Measures and Monitoring its Effectiveness.	272
	10.2		Corporate Environmental Policy	273
	10.3		Hierarchy for Environmental Management	275
	10.4		Capacity Building	276
	10.5		Mechanism for Reporting of Noncompliances	277
CHAPTER-XI	**11.0 SUMMARY & CONCLUSION**			278
CHAPTER-XII	**12.0 DISCLOSURE OF CONSULTANT**			294
	12.1		Consultant Involved for EIA EMP Report Including Base Line Data	295
	12.2		Consultant Involved for Overall EHS Activities	297

Page -

ANNEXURES

CHAPTER	ANNEX NO.	DESCRIPTION
CHAPTER-I	**1.1**	ToRs
	1.2	Environmental Clearance of the Existing Project
	1.3	Certified copy of the latest Monitoring Report from RO, MoEF&CC
	1.4	Consent to Establish of the Existing Project
	1.5	Consent to Operate of the Existing Project
	1.6	Compliance Report on CTO Conditions
CHAPTER-II	**2.1**	Copy of Water Approval
CHAPTER-III	**3.1**	Site Specific Conservation Plan & Wildlife Management Plan
	3.2	AAQM Authenticated Analysis Report
	3.3	Raw Data
	3.4	Noise Authenticated Analysis Report
	3.5	Surface Water Authenticated Analysis Report
	3.6	Ground Water Authenticated Analysis Report
	3.7	Soil Authenticated Analysis Report
	3.8	Red Mud Authenticated Analysis Report
	3.9	Fly Ash Authenticated Analysis Report
	3.10	Copy of Forest Clearance

	3.11	Socio Economic Survey Report
CHAPTER – IV	**4.1**	The approved drawing and design of Red Mud
CHAPTER – VII	**7.1**	Public Hearing Proceeding
	7.2	Social Impact Assessment Study Report

Page -

P R E F A C E

The purpose of this Environmental Impact Assessment report is to study the present environmental scenario, determine the likely activities related to proposed construction and operation, identification of the probable environmental impacts due to those activities, review of the proposed environmental control measures including recommendation for acceptable alternatives where ever necessary and final assessment of the impacts of the Project on environmental parameters. The EIA is thus a comprehensive study on environmental impacts and also a tool to assess and identify means to mitigate these detrimental impacts due to this Expansion Project.

Utkal Alumina International Limited, a 100% subsidiary of Hindalco Industries Limited of the Aditya Birla Group, at present operating an 1.5 MTPA Alumina Refinery Complex with 90MW Co-generation Power Plant at Doraguda (Kashipur Block) in Rayagada district of Odisha, intends to expand the capacity of the Alumina Refinery from 1.5 to 3.0 MTPA and CPP from 90 to 150 MW in the existing land available in the plant area. The EIA/EMP Report is hence prepared in order to assess the likely impacts arising out of the proposed expansion of the Alumina Refinery and Co-generation Power Plant.

Total area involved for the complete project is 1069.51ha, which is already acquired and involves 104.335ha of forest land for which forest clearances have been obtained. Moreover the approved Site Specific Conservation Plan and Wildlife Management Plan are in place.

The total project cost comprising of plant and machinery, civil works, miscellaneous fixed assets, etc. has been estimated as Rs.5432.00 Crores. Project completion schedule is estimated to be about 60 months from the date of approval.

The total fresh water requirement for 3.0 MTPA Alumina Refinery complex with 150MW Cogeneration power plant is estimated at 20,000 m^3/day (i.e. 10,900 m^3/day for Refinery 8,500 m^3/day for Co-generation Power Plant, 100 m^3/day for Plant domestic use, 300 m^3/day for domestic use in colony & 200 m^3/day Treatment losses). The required quantity of water will be drawn from San River near village Kathakal which is about 9.7 km (Aerial) from the Alumina Refinery plant.

The present manpower strength is 2500 (i.e. 725 direct employees and 1775 contractual workforce). It is envisaged that during post expansion total manpower requirement will be about 3600 (i.e. 1100 direct employees and about 2500 contractual workforce).

Basically the project involves extraction of Alumina from Bauxite Ore by leaching in caustic soda using the Bayer's process with medium pressure digestion technology. Both steam and power required for the process will be met from its Co-generation Power Plant.

The baseline study area consists of Core Zone (project area) and Buffer Zone (10km radius around the project site).

Baseline data was collected for the pre-monsoon season; from 1st March, 2017 to 31st May, 2017. The baseline study covered collection of meteorological information, monitoring of Ambient Air Quality, Noise Level, Water Quality (both Surface & Ground), Soil Quality, Ecology and Socio-economic Study.

The EIA study was conducted on the basis of the base line data including primary and secondary information in accordance with the Terms of Reference (ToR) as prescribed by the MoEF&CC vide No. J-11011/753/2007-IA-II(I), dated 22.05.2017. The report has been prepared in accordance to the Generic Structure as prescribed in the MoEF&CC Notification No. SO 1533(E) dated 14th September 2006 and the prescribed ToR.

The Environmental Impact Assessment (EIA) for the proposed expansion has been carried out on the basis that, the pollution load due to proposed activities is covered in the base line data. The various probable impacts on the environment during the construction and operation phase have been studied to estimate the load on the environment.

The methodology involves, *firstly*, the identification of activities, which occur during the different phases of project (Construction, Operation and Post-operation) and *secondly*, their likely impacts on the environmental parameters. The project activities considered are Civil Construction, Mechanical Fabrication, Movement of Labour Force, Raw Material Handling & Storage, Process, Product Handling & Storage, Pollution Control, Transport and Urbanization. The Environmental Components considered are Ambient Air, Noise Level, Surface Water, Ground Water, Water Resources, Soil, Waste Generation, Land Use Pattern, Ecology, Economic Benefits, Employment, Infrastructure Development, Peripheral Social Development, Health & Safety, Aesthetics, Displacement and Rehabilitation.

Environmental Management Plan (EMP) is formulated as per the generic structure and in compliance to the prescribed ToR; for the appropriate mitigation measures to alleviate the anticipated adverse impacts. The technical as well as administrative aspects of EMP are also considered in order to check the effectiveness of the implementation of the proposed EMP.

The evaluation of Total Impact Score due to the proposed activities on the environmental components indicates that the proposed expansion project will be appreciably beneficial. In view of the above it can be concluded that, the proposed expansion project is in line with the principles of sustainable development. Due to this project, there will be appreciable improvement in social condition as well as economic development. The mitigation measures to be adopted will alleviate the adverse impacts well within the tolerable limits. Hence, it is logical that the above project needs to come up along with the implementation of the mitigation measures.

INTRODUCTION:

Utkal Alumina International Limited, a 100% subsidiary of Hindalco Industries Limited of the Aditya Birla Group, operates a 1.5 MTPA Alumina Refinery Complex with 90MW CPP on 1069.51ha. land at Doraguda (Kashipur Block) in Rayagada district of Odisha, intends to expand the capacity of the Alumina Refinery to 3.0 MTPA with 150MW CPP on the existing land.
The total project cost comprising of plant and machinery, civil works, miscellaneous fixed assets, etc. has been estimated as Rs.5432.00 Crores. Project completion schedule is estimated to be about 60 months from the date of approval.

The total fresh raw water requirement for 3.0MTPA Alumina Refinery complex with 150MW Co-generation power plant is estimated at 20,000 m^3/day (i.e. 10,900 m^3/day for Alumina Refinery, 8,500 m^3/day Co-generation Plant, 100 m^3/day for Plant domestic use, 300 m^3/day for domestic use in colony & 200 m^3/day Treatment loss). The required quantity of water will be drawn from the San River near village Kathakal which is about 9.7 km (Arial) from the Alumina Refinery plant; for which permission has already been accorded. The present drawl is about 50% of the sanctioned capacity. The water requirement of the proposed expansion will be met within the sanctioned capacity and hence three will be not any additional impact on water resources.

The present manpower strength is 2500 (i.e. 725 direct employees and 1775 contractual workforce). It is envisaged that during post expansion total manpower requirement will be about 3600 (i.e. 1100 direct employees and about 2500 contractual workforce).

PROJECT DESCRIPTION:

Alumina extraction from Bauxite is done by Bayer's Process using medium pressure digestion. Bauxite is digested in a caustic soda solution where the alumina dissolves to form soluble sodium aluminate while the impurities in the bauxite remain in the solid phase. The digestion residue is separated from the process liquor by classification, sedimentation and filtration, washed to remove entrained caustic and discarded as cake known as red mud. Alumina dissolved in the liquor during the digestion process is precipitated on seed crystals as alumina tri-hydrate. These are separated from the caustic liquor and classified according to size. The finer fractions are returned to the process as seed. The remaining coarse particles are washed to remove caustic soda from alumina hydrate. The alumina hydrate is then calcined to drive off free moisture and water of crystallization to yield alumina. The caustic liquor is recycled via an evaporation unit. Steam and power required for the process will be met from its Cogeneration Power Plant.

DESCRIPTION OF THE ENVIRONMENT:

The baseline study area is sub-divided into; a) Core Zone and, b) Buffer Zone. The project area is core zone. The Buffer zone is considered to be an area of 10.0 km radius around the project site.

Baseline study was conducted from **1st March, 2017 to 31st May, 2017**. The baseline study covered monitoring of Ambient Air Quality, Noise Level, Water Quality (both Surface & Ground), Soil Quality, Ecology and Socio-economic Study.

During the study period the pre-dominant wind direction flow was from South West to North East. Ambient Air Quality Monitoring (AAQM) Stations were set up at eleven locations basing up on predominant wind direction. Monitoring was carried out at a frequency of two days per week at each location. The duration of sampling for PM_{10}, $PM_{2.5}$, SO_2 and NO_x were 24 hour basis, whereas CO monitoring was conducted on hourly basis. It is observed that the maximum 98th percentile value of PM_{10}, $PM_{2.5}$, SO_2, NO_x and CO are 71.7 µg/m^3, 40.1 µg/m^3, 23.8 µg/m^3, 25.1 µg/m^3 & 0.33 mg/m^3 respectively which are within the limit as prescribed by NAAQ Standard. The day noise levels have been monitored in 12nos of stations during 6 am to 10 pm and night levels during 10 pm to 6 am at all the locations covered in 10 km radius of the study area. The maximum noise level measured 67.1 dB (A) at daytime where as the maximum noise level measured 60.3 dB (A) at night time which are within the limit as prescribed by the CPCB.

In order to assess the surface water quality, surface water samples at 10 nos of locations were collected and tested for critical parameters. The analytical results of the samples were compared with the surface water standard IS-2296-1982, Class-C and all the results were found to be within the prescribed standards.

Ground water samples at 8 nos of locations were collected and tested for critical parameters. The analytical results of the samples were found meeting drinking water standard. The analytical results of the samples were compared with the drinking water standard IS : 10500 and found to be within limit.

Soil samples at 10 nos of locations were collected and analyzed. The electrical conductivity indicates that the ionic content of the soil samples are within the limits that does not harm the crops. In almost all the soil samples, it is found that the nutrients N, P and K are in good quantity indicating that the soil surrounding the project area are fertile.

The total forest area involved in this project is 104.335 ha. for which forest clearances has already been obtained and approved 'Site Specific Conservation Plan and Wild Life Management Plan' are already in place.

There is no National Park/Wildlife Sanctuary/Biosphere Reserve/Tiger Reserve/Elephant Reserve/Migratory Corridors of Wild Animals etc in the core and buffer zone of the project.

The socio-economic study is based on the information collected from secondary sources like the Census of India, 2011 and field visit with sample questionnaire and relevant answers from local community. The study is centered upon socio-economic parameters viz. demography, occupational structure, work force participation, medical facility, communication facility, literacy etc. of the study area. Information regarding the skilled and unskilled manpower available in the study area has also been collected.

ANTICIPATED ENVIRONMENTAL IMPACTS & MITIGATION MEASURES:

The proposed expansion project likely to create impact on the environment in two distinct phases i.e. Impact during Construction phase which is temporary and short term and Impact during Operation phase which have long term effects.

Impact due to Construction Phase:

Construction phase activity involves infrastructure development like leveling/grading to bring the site to a condition for commencing of Construction Work. As it is a brown field project, the impact due to construction activities such as Site Development, Civil & Structural Work, Source of Construction Materials, Housing & Other Human requirements will be less.

The general noise levels due to construction activities such as welding, fabrication, and erection of furnaces, equipment and machinery installation may sometimes go up to 80-90 dB (A) at the work sites during day time for very shot interval. Use of Personal Protective Equipment will further mitigate any adverse impact of noise on the construction workers. However, these impacts are short term, intermittent, temporary, reversible in nature and limited to construction site area.

The construction will involve generation of a lot of employment, both direct & indirect, which will affect the economy of the study area in the short term. **Impact due to Operation Phase:**

Main aspects and activities during operation phase of the expansion cum modification project having potential for inducing environmental and/or social impacts comprise of transportation, handling and storage of bauxite ore, Coal and other raw materials, plant process, product handling & storage. In addition to this impact is likely to have due to operation of Cogeneration Plant, handling and storage of Red Mud and Ash, operation of auxiliary facilities.

The major pollutant emissions from Refinery include Boilers, Calciner, Digestion blow-off, Mill vents & Hydrate vacuum exhaust.

Particulate emissions and Sulphur-dioxide (SO_2) along with Oxides of Nitrogen (NO_x) are considered for predictions of ground level concentration from the refinery plant along with the captive power plant. The incremental ground level concentrations from the proposed facilities have been estimated by dispersion modelling.

UAIL will implement following air pollution control measures to reduce Emission rates.

- Installation of air pollution control equipment like ESP for power plant and Calciner, bag filters in material handling sections with high stack will help in reduction of pollution load.
- Continuous Online Stack Monitoring System has been installed in existing stacks of power plant and Calciner and data is being transmitted to SPCB & CPCB Servers. Same system will be adopted for proposed expansion proposal.

- Online Ambient Air Quality Monitoring stations 4 nos. have been installed in the plant premises for parameters PM_{10}, $PM_{2.5}$, SO_2, NO_x and CO and data is being transmitted to SPCB Servers.
- Fly ash will be conditioned with water sprinkling to suppress dust during handling and transport.
- Coal yard also provided with water sprinkler system to control fugitive emission during coal handling.
- Red mud transport road and ash transport road is regularly sprayed with water to reduce fugitive dusting.
  - All the high noise generating equipment shall be provided with enclosures. o All the workmen in the noisy areas shall be provided with PPE like earmuffs, ear plugs. o All rotating equipments will be well lubricated and provided with enclosures as far as possible to reduce noise transmission. Extensive vibration monitoring system (Condition Monitoring) will be provided to check and reduce vibrations. Vibration isolators will be provided to reduce vibration and noise wherever possible. o The equipment in the alumina refinery and CPP shall be selected based on specifications for meeting 75dB (A) at 1-m distance.
  - Provision of silencers shall be made wherever possible.

Water is one of the major inputs for power generation and alumina production process. Its major use is in process cooling, process consumption and steam generation, while domestic requirement are marginal. Required water during the operational stage will be met from existing plant.

Water conservation program has been evolved and incorporated in the design stage which includes:

- Rain Water Harvesting will be done in Ponds located in UAIL Complex.
- The power plant is a co-generation plant that re-circulates the hot condensate back to boiler for steam generation.
- Low caustic in red mud discharge is achieved through wash thickeners. Multi stage counter current washing shall be installed with automated controls that will ensure optimum washing efficiency, thereby optimizing the need for process water.

Effluent and Storm Water Management:

- A process effluent collection pond shall be made available at the end of the process effluent drains to contain all effluents generated within the plant premises. These effluents being alkaline in nature shall be recycled and reused fully in the process.
- Cooling tower blow down, boiler blow down, DM Plant regeneration effluent after neutralization pit and oil contaminated water from service area after pre-treatment will be collected in a guard pond and will be reused for ash handling and dust suppression.

- Effluents containing traces of oil are generated from the oil storage and handling areas. These effluents will be pumped to the oil water separation facility.
- The plant domestic effluent treatment facility will be provided to treat the industrial domestic effluent (sewage generated in plant premises).
- A STP will be installed to treat the colony sewage and the treated water meeting quality standards may be used for green cover development.
- During monsoon, the contaminated storm water shall be treated in the acid neutralization plant prior to discharge.
- Storm water in bauxite storage yard, coal yard, and transformer station etc where sources of contamination are limited to silting shall pass through settling basin before discharge to natural streams.
- The storm water collected in the red mud disposal pond will be collected in a holding pond and will be reused in the process. The holding pond additionally acts as an evaporation pond. There is no discharge from Red Mud Pond.
- The storm water collected in the Ash Pond will be collected in a holding pond for use in dust suppression system.

Management of Red Mud:

Red Mud is the process waste which is generated during the extraction of Alumina from Bauxite by Bayer's process. The major quantity of Red Mud is generated during Red Mud separation through clarification by decanters and Deep Cone Washers.

Presently the Red Mud is being pumped directly to the Red Mud Pond at about 2.5km north of the Alumina Refinery Plant through High Concentration Slurry Disposal System with 60% solid concentration.

However, the industry has already taken steps to switch over from HCSD to dry disposal system by installing Red Mud Filtration Plant. The filtrate will be recycled to the process area for re-use in the system and the Red Mud Cake (20% moisture) will be conveyed by belt conveyer for utilization / disposal in the Red Mud Pond. Fixed type water sprinklers will be installed at the RMP to suppress dust. The installation of Red Mud Filtration Plant is already implemented by commissioning the plate and frame filters for red mud filtration which will increase the life of the existing red mud pond.

Management and Handling of Fly Ash:

Fly Ash is generated during the combustion of coal in the Co-generation Plant. The fly ash from the proposed boiler will be collected in economizer hoppers, air heater hoppers, ESP hoppers and will be conveyed through dense phase pneumatic conveying system to silo. It is envisaged to dispose the fly ash to ash disposal ponds.

Fly ash will be disposed-off by **HCSD (High Concentration Slurry Disposal) System**.

Solid Waste Management Plan for Residential Colony:

The Solid Waste from the Residential Colony will be managed in accordance with Solid Waste Management Rule, 2016. The management plan for solid waste of the residential colony is as follows:

- The solid waste generated will be segregated in three separate streams and kept in suitable bins marked as follows; o Bio-degradable Wastes o Non-biodegradable Wastes o Domestic Hazardous Wastes.
- The segregated wastes will be handed over to authorized waste pickers or waste collectors as per the direction or notification by the local authorities from time to time.
- Necessary precaution will be taken to minimize nuisance of odor, flies, rodents, bird menace and fire hazard;
- The biodegradable domestic solid waste will be vermin composted as per the SOP laid down in Solid Waste Management Rule, 2016 and the compost manure will be utilized in the garden and greenbelt.

Hazardous Waste Management:

The hazardous wastes envisaged to be generated from different sources & their management is furnished below:

Used or Spent Oil: Generated during Maintenance activities of plant and machineries including Compressors. Hydraulic System and Gear boxes of various drives. Storage in containers under covered shed followed by sale to recycler/re-processor authorized by SPCB.

Spent Resin: Spent Resins are generated from DM Plant Ion- exchangers after expiry of the life of resins. Storage in impervious pit/containers under covered shed followed by sale to **Impact on Soil Characteristic and Mitigation Measures:**

Most of the impacts of Refinery projects on soils are restricted to the construction phase, which will get stabilized during operational phase. The impact on the topsoil will be confined to the proposed main plant area only.

Impact on Ecology and its Conservation Plan:

Impacts during Construction Phase:

The construction activities do not need clearing of major vegetation. Further, canteen facility with LPG fuel will be provided to the construction workers. Therefore, impact on terrestrial ecology is insignificant.

The plant will run on Zero Discharge Concept and there will be no discharge to local water bodies to deteriorate water quality and aquatic flora & fauna. Therefore, it can be said that construction activities insignificantly affects the aquatic ecology.

Impacts during the Operation Phase due to Air Emissions from Plant:

The main sources of air pollution from the proposed plant would be from the stack emissions of process/calcinations and power plant boilers. The pollutants from the proposed plant include Sulphur-dioxide, Oxides of Nitrogen and Particulate Matter. The resultant ambient air levels for SO_2 and PM after the implementation of the preventive pollution control measures will be well within the NAAQ standards prescribed by the CPCB for industrial, residential and rural areas.

Hence, adverse impact is not anticipated on the terrestrial ecology of the area. Due to Zero discharge from storage Flora and Fauna of study area will not be adversely affected.

Green Belt Development:

Implementation of afforestation program is of paramount importance for any industrial development. In addition to augmenting present vegetation, it will also check soil erosion, make the ecosystem more complex and functionally more stable, make the climate more conductive and restore water balance.

The main objective of the greenbelt is to provide a barrier between the plant and the surrounding areas. The greenbelt helps to capture the fugitive emissions and to attenuate the noise generated in the plant apart from improving the aesthetics of the plant site. Hence, it has been programmed to plant. Green belt will have the function of Sulphur Dioxide Attenuation, Arresting Dust, and Arresting Noise Pollution. Road Borders and Housing Sites will be selected for plantation.

Proper scheduling and regulating the traffic movement, providing adequate parking and turning space will be provided for incoming and outgoing trucks the traffic movement.

Impact on Traffic and its Management:

Road traffic to and from the plant during operation of proposed project will be increased. In turn, it will contribute to noise as well as ambient air quality in term of dust and other gaseous pollutants. Further, road sweep machine will be deployed to keep the road net work dust free. The present road conditions are reasonably good for proposed movement of traffic.

Existing Occupational & Safety Hazards:

During operation phase, dust causes the main health hazard. Other health hazards are due to gas cutting, welding, noise and high temperature and micro ambient conditions. Serious accidents due to common causes like fall from height and entrapment of limbs in machinery are also possible.

Adopting appropriate methods for prevention of dust generation during the process, inspection and regular maintenance control systems, implementation of proper safety measures, regular water sprinkling in dust prone areas, immediate waste removal from sites and imparting awareness programs to the employees the impact of occupational hazards will be minimized. In addition this use of appropriate PPE by the employees will further minimize the impact. Regular medical checkup of personnel will be carried out.

Protective Measures for Occupational Hazards:

- In the principle of “prevention is better than cure” Suitable pollution control devices are to be incorporated in the process system to limit the various pollutants within the specified standards.
- Suitable dust suppression measures will be adopted for prevention and control of dust emission from the raw material handling areas.

- The workmen in the dust prone areas will be provided with appropriate PPE. Hence, there will not be any significant disease causing effect due to emissions.
- The possibility of disease being caused due to polluted water is ruled out as the waste water generated will be recycled/ reused in the process fully.

The following mitigation measures will be taken up for management of risk and associated occupational health aspects.

- Sites for construction and workers' camp would be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water & electricity supply, sanitary facilities, restroom, fuel etc. The above facilities will also be provided to workers & truck drivers during operational phase.
- Where gases or fumes are likely to be present in foundations, sufficient mechanical/artificial ventilation to protect the health and safety of persons working there, shall be provided.
- Accidental spillages of oil from construction equipment and storage sites would be prevented.
- In addition to pre-employment medical checkup; regular health check-ups will be conducted w.r.t occupational health.

Renewable Energy:

It has been proposed for installation solar energy units at street light in plant premises, residential areas, canteen, etc. Action is also being taken for conversion of all HFL lighting system to LED lighting system in future.

ENVIRONMENTAL MONITORING PROGRAM (TECHNICAL ASPECTS):

An Environmental Laboratory has been set up in the Alumina Plant of M/s. Utkal Alumina International Ltd., to take care of environmental monitoring work such as air (both dust & gaseous pollutants), noise, water, soil etc as per requirement; in addition to monitoring by external agencies.

The total capital investment on environmental improvement work is envisaged as Rs.255 Crores which is 4.70% of the estimated project cost (Rs. 5432.00 Crores). The recurring expenditure estimated during the power generation is Rs. 5.55 Crores /year. **ADDITIONAL STUDIES:**

The On-site Emergency Preparedness Plan / Disaster Management Plan for the project is already in place and the same is linked with Off-site Emergency Plan i.e. District Disaster Map of Rayagada, Odisha.

Social Impact Assessment (SIA) study has been carried out for environment sustainability and CSR related issues. No R&R issues are involved the proposed expansion is going to take place within the already acquired land and no extra land need to be acquired.

PROJECT BENEFITS:

Tikiri is the serving railway station for the project of M/s Utkal Alumina International Ltd. In order to facilitate easy loading/unloading of materials from railway wagons within the plant boundary, separate railway tracks have been provided for the loading/unloading. A road link from State Highway No.-3 (28 km) from Roopkona is connected to the Alumina Plant. In addition to the approach road to the Alumina Refinery all other necessary road links are provided to connect mines, Red Mud/Ash Disposal Area, Raw Water Pump House, Township and Tikiri (serving railway station). The water required for the project is drawn from San River located at about 9.0 km. from the project site. During post expansion stage power requirement of the Alumina Refinery will be met through a captive cogeneration plant of 150 MW capacity. In

addition, Orissa State Grid will also be hooked up for drawing power up to 15 MW, from Jayanagar-Rayagada power transmission line, tapping point near Laxmipur (32 km), in case of any problem in power supply from the in-house Co-generation Plant for up to 15 MW at 220 KV. An independent telephone exchange is installed to cater to the requirement of the Refinery Complex. It is proposed to develop a full fledged townships comprising of housing facilities for plant, mines, security personnel and supporting staff and other amenities such as schools community center, guest house, health center, hospital, shopping complex, post office, bank etc. Suitable provision shall be kept for future expansion of the township.

The following Social Infrastructures are already in place targeting at the 3.0 MTPA Alumina Refinery and 150 MW Co-generation Power Plant.

Operation of Aditya Birla Public School. Construction/renovation of 31 school buildings in the villages. Supplementing Education Facilitators (55 nos.) in the Peripheral Schools (45 nos.). Establishment of ITI Training Centre and Operation of Computer Literacy Project through Utkal Alumina Janaseva Trust by providing necessary infrastructures such as; Building, Computers, Furnitures & Course Coordinators.

Basic Village Infrastructure Development - Culvert, Irrigation Channel, Rest shed, School Boundary, Drain, Community Centre, Steps to River, Weekly market platform, Sitting Altar, Pond & Cement Concrete Road. Construction of Individual Household Toilets (1217 nos.) under Project Swachata. Provision for Homestead Land and Pucca House with individual toilet in the R&R colony. Black topping Road with Drainage facility in the R&R colony have already been taken up.

Provision of electricity (with backup power supply) and street lighting in the R&R colony, providing Solar Electrification to 254 house hold in 6 villages in collaboration with TERI & Mahashakti Foundation. Piped water supply through Over Head Tank in the R&R colony, Creation/Maintenance of drinking water sources (113 Tubes / dug wells installed, repair of 39 tube wells have also been taken.

Preventive & Curative Health Care facilities through Round the clock Health Centre, an ambulance to CHC, Kashipur, Supply of assets to PHC (New) at Tikiri and Kucheipadar have been provided. Round the clock Ambulance Service – 4 Ambulances including 1 Critical Care Ambulance also provided.

Development of Commercial Vegetable Farming under Project Samriddhi. Establishment of Garment Manufacturing Unit under Project Saksham for engaging the locals have been made. Operation of Tailoring Training Centre under Project Kaushalya. Employment of Rural Women under Project Samartha for production of Phenyl, Paper container (Thunga), Dry snacks & Mushroom have been taken up.

Deity place for worship, Community Centre, School Building, Free health care service & Funeral Ground in the R&R colony are also provided.

Besides above, indirect accrued benefits are envisaged have also accrued to the region by way of increase in agriculture and industrial production. Development of the local area in terms of

an enlarged market will provide the local farmers with a good outlet of their agricultural products to enjoy the price effect, which is likely to be strong enough to offset the impending local inflations through real-balance effect.

Thus, it is envisaged that the proposed expansion of Alumina Refinery along with Cogeneration Power Plant will usher in the social and economic upliftment of the persons living in the vicinity of the project in particular and the society in general.

ENVIRONMENTAL MANAGEMENT PLAN (ADMINISTRATIVE ASPECT):

UAIL always accords highest priority to Environmental protection, societal development and human rights issue. Accordingly UAIL has formed a sustainability cell at corporate level to oversee the HSE Policy and implementation of corporate philosophy in all the operations.

In order to take care of the administrative aspects for implementation of mitigation measures and monitor its effectiveness and **Environmental Management Cell (EMC) comprising of various Functional Heads** is already in place which will be strengthened further to take care of the proposed expansion. The EMC prepares formal monthly report on environmental management and mitigation for the Top Management. Reports on any urgent or significant issues are prepared at shorter intervals. Capacity building of the employees is an important aspect for successful implementation of Environmental Management Plan (EMP) such as Basic Consideration, Objectives of the Training Program, General Training and Training on Emergency Preparedness.

Besides this the company has the system of reporting non-compliance/violations of environmental norms to the Board of Directors of the company for taking immediate mitigation measures as per requirement.

SUMMARY & CONCLUSION:

In view of the above it can be concluded that, the proposed expansion project is in line with the principles of sustainable development. Due to this project there will be appreciable improvement in social condition as well as economic development. The mitigation measures those will be adopted will alleviate the adverse impacts well within the tolerable limit. Hence, it is logical that the above project should come up along with implementation of the mitigation measures.

CHAPTER – 1

INTRODUCTION

1.0. INTRODUCTION:

Utkal Alumina International Limited, a 100% subsidiary of Hindalco Industries Limited of the Aditya Birla Group, operating a Bauxite mine and 1.5 MTPA Alumina Refinery Complex with 90 MW CPP at Doraguda (Kashipur Block) in Rayagada district of Odisha intends to expand the capacity from 1.5 to 3 MTPA and CPP from 90 to 150 MW through brown field expansion.

1.1. Background:

M/s. Utkal Alumina International Limited (UAIL) was accorded Environmental Clearance (EC) for 1.0 MTPA Alumina Refinery and 50 MW CPP vide letter no. J-11011/76/94-IA.II (I) dated September 27, 1995. The project activities were started in August 2000. Subsequently application was filed for expansion of the plant before the MoEF, Govt. of India and M/s.

Utkal Alumina International Limited (UAIL) was accorded Environmental Clearance (EC) for **Expansion of Alumina Refinery from 1.0 MTPA to 3.0 MTPA** along with cogeneration power plant from 50 MW to 90 MW vide letter no. J-11011/753/2007- IA II (I) dated 29thJanuary, 2008.

So far, 1.5 MTPA Alumina Refinery and 90 MW Co-generation Power Plant have been constructed and commissioned, but mean while the validity of the EC has expired.

Although Infrastructural developments stated below required for 3.0 MTPA Alumina Refinery have already been completed during the valid period of EC referred above.

- 100% Land Acquisition of 2642.76 Acres
- R&R of 183 displaced families
- 90 MW Power Plant constructed and in operation
- Red Mud Pond, Ash Pond, Raw Water Intake and Reservoir
- Rail Linkage & associated infrastructure
- Diversion of Forest Land lying within the refinery project
- Water Allocation and Water supply pipe line
- Long Distance Conveyor (LDC) for transportation of Bauxite from Captive Bauxite Mines at Baphlimali Hill Plateau
- Associated Infrastructure like boundary wall & internal roads
- Site is prepared and ready for putting the rest machinery and equipment.

The need for new EC is warranted owing to the expiry of validity of the above granted EC and requirement of expansion of the existing captive Co-generation Power Plant from 90 TO 150 MW.

The above referred EC was valid up to 29th January, 2015 as per EIA Notification No. S.O. 1533(E), Dated 14th September, 2006 read along with EIA Notification S.O. 1141 (E), Dated 29th April, 2015.

Hence, Environmental Clearance is required for the expansion of Alumina Refinery from 1.5 to 3 MTPA and Co-generation Power Plant from 90 to 150 MW.

1.1.1 About the Company & Project Proponent:

Hindalco Industries Limited, a flagship company of the Aditya Birla Group, is an industry Leader in Aluminium and copper in Asia. Hindalco ranks among the global top five Aluminium majors, as an integrated producer with low-cost alumina and Aluminium facilities combined with high-end rolling capabilities and one of the biggest producers of primary Aluminium in Asia. Its Copper smelter is the world's largest custom smelter at a single location. Its combined turnover of US$ 14 billion, places it in the Fortune 500 league. Hindalco was incorporated in 1958 and is listed on the Indian Stock Exchanges since 1968 and on the Société de la Bourse de Luxembourg since 1993.

In the copper business, Hindalco is a custom smelter and is partially integrated with upstream copper mines. Hindalco's Birla Copper Unit is the world's largest single location custom copper smelter with 500,000 TPA capacity.

Hindalco has a total alumina refining capacity of 30,50,000 TPA located at Utkal Alumina, Odisha (15,00,000 TPA), Renukoot, UP (7,50,000 TPA); Muri, Jharkhand (4,50,000 TPA) and Belgaum, Karnataka (3,50,000 TPA).

It is also the largest producer of primary aluminium with a capacity of 13,44,000 TPA located at Renukoot, UP (4,09,000 TPA); Hirakud, Odisha (2,15,000 TPA); Aditya Aluminium, Lapanga, Odisha (3,60,000 TPA); Mahan, M.P. (3,60,000 TPA).

Its largest Alumina-Aluminium Complex is located at Renukoot which includes Alumina Refinery of 7,50,000 TPA capacity and Smelter Plant of 4,09,000 TPA capacity along with downstream semi-fabrication facilities comprising of Rolling Mills, Extrusion Presses and Wire Rod Machines. The Renukoot plant receives bauxite ore from mines owned and operated by the company in Jharkhand and Chhattisgarh States. The requirement of power for this complex is met by Hindalco's Captive Power Plant of 742 MW capacity at Renusagar. Other facilities include foil rolling at Kalwa (Maharashtra) and Silvassa (UT of Dadra & Nagar Haveli) and Aluminium alloy wheels plant at Silvassa (Dadra and Nagar Haveli).

Hindalco has successfully commissioned fully integrated Greenfield Aluminium project in Odisha by setting up an integrated Aluminium Complex under the name of Utkal Alumina International Limited (Bauxite Mine & Alumina Refinery) at Doraguda, Rayagada and Aditya Aluminium (Smelter with Captive Power Plant) at Lapanga, Sambalpur to meet the country's domestic requirements and to earn foreign exchange through exports as well as to recently acquired Novelis, the largest rolled-product producer in the world. The proposed brownfield expansion of the Alumina Refinery is aimed at achieving 3 MTPA Alumina and 150 MW Captive Power. This, besides providing job opportunities, will contribute significantly towards the economic and industrial development of the regions in particular and the state of Odisha in general.

1.1.2 Purpose of Preparing EIA Report:

Environmental impact assessment is, in its simplest form, a planning tool that is now generally regarded as an integral component of sound decision making. As a planning tool it has both information gathering and decision making component which provides the decision maker with an objective basis for granting or denying approval for a proposed development.

The purpose of this Environmental Impact Assessment report is to study the present background environmental scenario, study the likely activities related to proposed construction and operation, identification of the probable environmental impacts due to those activities, review of the proposed environmental control measures including recommendation for acceptable alternatives wherever necessary and final assessment of the impacts of the Project on environmental parameters. The EIA is thus a comprehensive study on environmental impacts

and also a tool to assess and identify means to mitigate the detrimental impacts on environment due to this Expansion Project.

The EIA/EMP Report is being prepared in order to assess the likely impacts arising out of the proposed expansion project over and above the present base line of the surrounding environment and formulating means of alleviating the likely negative impacts.

1.2. Details of the EIA Consultant including NABET Accreditation:

M/s. Kalyani Laboratories Pvt. Ltd., Bhubaneswar has carried out the EIA Study including collection of Base Line Data and preparation of EIA/EMP Report.

As per the recent MoM of NABET- QCI (National Accreditation Board for Education and Training-Quality Council of India) with regards to the Accreditation RAAC-137 held on 07.07.2017; in addition to other sectors M/s Kalyani Laboratories Pvt. Ltd. has been accredited by NABET for preparation of EIA/EMP Reports for developmental projects coming under Category-A, item no. 3(a) [Metallurgical industries (ferrous & non-ferrous) of Schedule of MOEF & CC Notification no.. S.O. 1533(E), dated 14th September, 2006; as applicable to the proposed project activity.

The laboratory of M/s. Kalyani Laboratories Pvt. Ltd., is recognized by MOEF & CC under Environmental (Protection) Act, 1986 and also accredited by NABL (National Accreditation Board for Testing and Calibration Laboratories) as per ISO/IEC 17025:2005 for sampling and analysis of environmental parameters including collection of base line data.

1.2.1 About EHS Consultant:

M/s Sun Consultancy and Services, Bhubaneswar is the EHS consultant for the project for providing consultancy with regard to environment, health and safety aspects. The organization is certified with Quality Systems for Quality Management System (ISO 9001:2008), Environmental Management System (ISO 14001:2004) and Occupational Health, Safety Assessment System (OHSAS 18001:2007) and empanelled by State Pollution Control Board, Odisha. The Laboratories of M/s Sun Consultancy and Services is also accredited by NABL(National Accreditation Board for Testing and Calibration Laboratories) in accordance with the standard ISO/IEC 17025:2005 for sampling and analysis of environmental parameters including AAQ, Work Environment and Indoor Air Quality, Stack, Ambient Noise Level, Source Noise Level, Drinking Water, Surface Water/Ground Water, Waste Water(Effluent/Sewage).The organization is recognized by Directorate Factories & Boilers, Govt. of Odisha; u/s 31,36 & 86,87 under Factories Act 1948; for carrying out test, examination, inspection and certification of Pressure plants, Precautions against dangerous fumes, gases, confined space, ventilation systems, Plants and equipment of dangerous process.

1.3 Project Location:

The project site is located at Doraguda village under Kashipur Tahasil in the district of Rayagada of Odisha State. Geographically, the GPS coordinates of the central part of the site is 19°11'23"

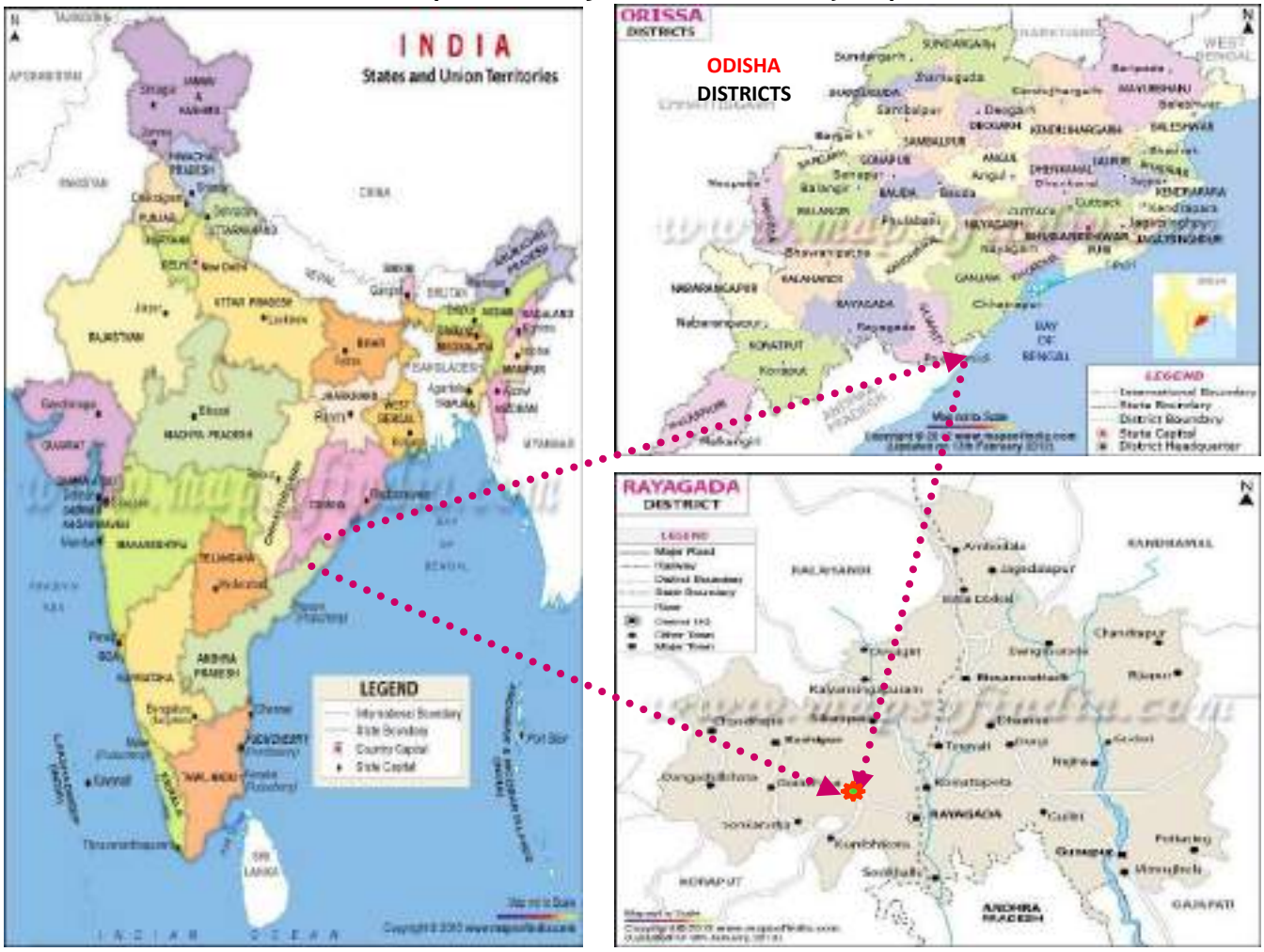
North Latitude and 83°01'43" East Longitude. The GPS location of the corner points are as follows:

- North West Corner: [19º 12' 2.394" N,83º 01' 19.65"E]
- North East Corner : [19º 12' 8.532"N,83º 01' 57.1764"E]
- South West Corner : [19° 10' 44.576"N,83° 01' 26.0364"E]
- South East Corner : [19° 10' 31.5408"N, 83° 01' 52.6476"E]

The district headquarter Rayagada is at a distance of about 60-km distance from the plant location. Kashipur, the block headquarters is at about 21-km from the site in NE direction. The Tikiri railway station is at a distance of 7.0-km.The site is located at an average elevation of 799-m above MSL and is at a distance of about 9.7 km from the San River; from where the water is sourced. The National Highway (NH-326) connecting is at a distance of 30-km from the plant site. The nearest major Airport and Port is located at Visakhapatnam (about 250km).The project location is depicted in the **Figure No. 1.1.**

Figure No. 1.1

Location Map of the Project Area in Vicinity Map



1.3.1 Justification of the Selected Site:

Justification of the above location is as follows:

a) The present proposal is a brown field project involving expansion over the vacant land within the same premises of 2642.76 Ac (1069.51 Ha) which is already acquired in the existing project.

b) The Bauxite Ore for the proposed expansion will be sourced from the same Captive Bauxite Mines (8.5 MTPA Baphlimali Bauxite Mines) as that being used for the existing plant.

c) Transportation of ore from Baphlimali Bauxite Mines will be done through the existing Long Distance Conveyor (LDC of 18.1 km long belt conveyor).

d) Water for the proposed project will be sourced from the same source (Sana Nadi – 9.7 km) as that of the existing project.

e) The infrastructural facilities such as Red Mud Pond, Ash Pond, Raw Water intake and reservoir, Rail linkage with associated infrastructure, Sewage Treatment Plant (STP), Residential Township etc. will be utilized for the proposed expansion.

f) The existing Road, Rail & Port facilities (Vishakhapatnam-about 250 Km.) will be utilized for the proposed expansion.

The proposed expansion project is a brown field expansion which is well supported by existing associated infrastructure including the raw material source as described in Section 1.1.

1.4 Description of nature, size, location of the project and its importance to the country and region:

1.4.1 Nature of the Project:

This is a brown field project involving expansion of Alumina Refinery from 1.5 TO 3.0 MTPA along with expansion of the Co-generation Power Plant from 90 TO 150 MW. The proposed

project activity is listed at Sl. No. 3(a) Metallurgical industries (ferrous & non-ferrous), under category 'A' of the Schedule of MoEF&CC Notification No. S.O. 1533(E), 14th September, 2006.

Present Proposal:

UAIL is proposing for Expansion of Alumina Refinery from 1.5 TO 3.0 MTPA along with expansion of Co-generation Power Plant from 90 TO 150 MW.

1.4.2 Importance of the Project to the Country and Region:

The primary objective is to increase the production capacity of the Alumina Refinery up to 3 MTPA and that of Power Plant up to 150 MW in an environmentally sustainable manner. This will help in bridging the demand supply gap in alumina production and provide a significant contribution to the socio economic development of the region which is otherwise an economically backward region of the country.

The specific objectives are as follows:

- Providing a timely response to the market conditions with respect to the increasing global demand for alumina and Aluminium;
- Securing a competitive and sustainable future for the project operations through economies of scale;
- Improving the environmental performance of the initially proposed capacity through increased efficiencies achieved by upgraded processing and operational practices; and
- Providing additional benefits to the community through business opportunities, direct and indirect employment including training and skill development, actively developing self-help groups for sustainable indigenous business and investment.

India is also one of the major producers of bauxite and alumina. The contribution of the Alumina industry to the economy of the country is substantial. The global long-term Aluminium market has a high growth rate of 4-5% worldwide and an even higher (6-8%) in India. India can export the Alumina/ Aluminium produced in the country and earn valuable foreign exchange in the process.

1.4.3 Importance and Benefits of the Project:

The proposed expansion of Alumina Refinery from 1.5 to 3.0 MTPA along with expansion of Cogeneration Power Plant from 90 to 150 MW; will enable the organization to tap the vastly available good quality bauxite deposits on Indian East Coast from Baphlimali Bauxite Mines to produce high quality alumina.

To reduce the cost of production by expanding the current capacity, the project has been designed to meet the following requirements:

- Lower specific consumption of fuel, water and chemicals;
- Lower cost of annual maintenance;

- Adequate instrumentation and automatic controls to ensure consistent quality and ease of operations;
- Improved environmental protection measures to minimize the pollution;
- To cope up with the requirements of the CREP guidelines;
- Adequate facilities to ensure safe operations of the plant;
- To meet the growing demand for Alumina in the country and abroad.

1.5 Methodology& Basis of EIA/EMP:

The methodology for preparing such report is presented in the following sections.
The EIA study was conducted on the basis of following protocol:

- Study of input documents such as Pre-Feasibility Report, Maps of the study area, Terms of Reference issued by MoEF&CC.
- Reconnaissance survey of the study area.
- Collection of preliminary information such as Latitude, Longitude, site boundary, Proposed Layout, Process Flow diagram etc.
- Preparation of Vicinity Map, LULC map, Topographic map, Terrain Map, Drainage map etc.
- Identification of Sensitivity Receptors.
- Collection of Baseline Data such as Meteorological Information, Ambient Air Quality, Surface Water Quality, Ground Water Quality, Noise Level etc.
- Assessment of impact w.r.t consumption of resources (Raw materials, Water, Power etc.), generation of Waste, Emissions to Atmosphere, Discharge of Effluent, Vibration & Noise generation, Lighting, Traffic Density, Safety aspects, Occupational Health, Socioeconomic impacts etc.
- Formulation of Environment Management Plan for mitigation of adverse impacts.

The report has been prepared on the basis of the Generic Structure of Environmental Impact Assessment Document as prescribed in the EIA Notification dated 14th September 2006 and the prescribed ToR.

1.6 Regulatory Scoping:

The EIA study was carried out as per the recommended Regulatory Scoping -Terms of Reference (ToR) and the EIA/EMP report is prepared accordingly. The copy of ToR letter is enclosed **(Annexure – 1.1)**.

1.7 Summary of ToR Compliance:

The EIA Report has been prepared addressing all the points mentioned in the ToR. The compliance status to the each point of the ToR has been mentioned along with the remarks where ever necessary in the following table for ready reference. **Table No.1.1**

Terms of Reference and its Compliance

Sl. No.	ToR Issued by the MOEF & CC	Compliance in EIA Chapter	Compliance in EIA Section	Compliance Status
1.	**Executive Summary**	Chapter - 0		Complied

2.	**Introduction**	Chapter - 1	Sec. - 1.0	Complied
i.	Details of the EIA Consultant including NABET accreditation	Chapter - 1	Sec.-1.2	Complied
ii.	Information about the project proponent	Chapter - 1	Sec.-1.1.1	Complied
iii.	Importance and benefits of the project	Chapter - 1	Sec.-1.4.3	Complied
3.	**Project Description**	Chapter - 2	Sec.- 2.0	Complied
i.	Cost of project and time of completion.	Chapter - 2	Sec.-2.6 & 2.19	Complied
ii.	Products with capacities for the proposed project.	Chapter - 2	Sec.-2.5	Complied
iii.	If expansion project, details of existing products with capacities and whether adequate land is available for expansion, reference of earlier EC if any.	Chapter - 2	Sec.-2.5 & 2.16	Complied
iv.	List of raw materials required and their source along with mode of transportation.	Chapter - 2	Sec.-2.10	Complied
v.	Other chemicals and materials required with quantities and storage capacities	Chapter - 2	Sec.-2.10	Complied
vi.	Details of Emission, effluents, hazardous waste generation and their management.	Chapter - 4	Sec.-4.4.3, 4.4.9, 4.4.12 & 4.4.13	Complied
vii.	Requirement of water, power, with source of supply, status of approval, water balance diagram, man-power requirement (regular and contract)	Chapter – 2 Chapter – 4 Chapter - 8	Sec.-2.12, 2.13, 2.14, 2.15, 4.4.8 & 8.3	Complied
viii.	The project proponent shall furnish the requisite documents from the competent authority in support of drawl of ground water and surface water and supply of electricity.	Chapter - 2	Sec.-2.13	Complied
ix.	Process description along with major equipments and machineries, process flow sheet (Quantitative) from raw material to products to be provided	Chapter - 2	Sec.-2.7, 2.7.1,2.7.2, 2.7.4, 2.7.5 & 2.7.6	Complied
x.	Hazard identification and details of proposed safety systems.	Chapter - 7	Sec. - 7.1, 7.1.1, 7.1.3 & 7.1.4	Complied
xi.	Expansion/modernization proposals:	Chapter - 1	Sec. - 1.8	Complied
a.	Copy of all the Environmental Clearance(s) including Amendments thereto obtained for the project from MoEF&CC/SEIAA shall be attached as an Annexure. A certified copy of the latest Monitoring Report of the Regional Office of the Ministry of Environment, Forest and Climate Change as per circular dated 30th May, 2012 on the status of compliance of conditions stipulated in all the existing environmental clearances including Amendments shall be provided. In addition, status of compliance of Consent to Operate for the ongoing /existing operation of the project from SPCB/PCC shall be attached with the EIA-EMP report.	Chapter - 1	Sec.-1.8	Complied

b.	In case the existing project has not obtained environmental clearance, reasons for not taking EC under the provisions of the EIA Notification 1994 and/or EIA Notification 2006 shall be provided. Copies of Consent to Establish / No Objection Certificate and Consent to Operate (in case of units operating prior to EIA Notification 2006, CTE and CTO of FY 2005-2006) obtained from the SPCB shall be submitted. Further, compliance report to the conditions of consents from the SPCB shall be submitted.	Chapter - 1	Sec.-1.8	Complied
4.	**Site Details**	Chapter - 1	Sec.-1.3	Complied
i.	Location of the project site covering village, Taluka / Tehsil, District and State, Justification for selecting the site, whether other sites were considered.	Chapter - 1	Sec.-1.3 & 1.3.1	Complied
ii.	A topo-sheet of the study area of radius of 10km and site location on 1:50,000/1:25,000 scale on an A3/A2 sheet. (including all eco-sensitive areas and environmentally sensitive places)	Chapter - 3	Sec.-3.2	Complied
iii.	Co-ordinates (lat-long) of all four corners of the site.	Chapter - 3	Sec.-3.3.1	Complied
iv.	Google map-Earth downloaded of the project site.	Chapter - 3	Sec.-3.2	Complied
v.	Layout maps indicating existing unit as well as proposed unit indicating storage area, plant area, greenbelt area, utilities etc. If located within an Industrial area/Estate/Complex, layout of Industrial Area indicating location of unit within the Industrial area / Estate.	Chapter - 2	Sec.-2.17	Complied
vi.	Photographs of the proposed and existing (if applicable) plant site. If existing, show photographs of plantation / greenbelt, in particular.	Chapter - 3	Sec.-3.2	Complied
vii.	Land use break-up of total land of the project site (identified and acquired), government/private – agricultural, forest, wasteland, water bodies, settlements, etc shall be included. (not required for industrial area)	Chapter - 3	Sec.-3.3.3	Complied
viii.	A list of major industries with name and type within study area (10km radius) shall be incorporated. Land use details of the study area.	Chapter - 3	Sec.-3.2.2	Complied
ix.	Geological features and Geo-hydrological status of the study area shall be included.	Chapter - 3	Sec.-3.4	Complied
x.	Details of Drainage of the project upto 5km radius of study area. If the site is within 1 km radius of any major river, peak and lean season river discharge as well as flood occurrence frequency based on peak rainfall data of the past 30 years. Details of Flood Level of the project site and maximum Flood Level of the river shall also be provided. (mega green field projects)	Chapter - 3	Sec.-3.2.1	Complied
xi.	Status of acquisition of land. If acquisition is not complete, stage of the acquisition process and expected time of complete possession of the land.	Chapter - 3	Sec.-3.3.3	Complied
xii.	R & R details in respect of land in line with State Government Policy.	Chapter – 7	Sec. -7.7	Complied

5.	**Forest and wildlife related issues (if applicable):**	Chapter - 3	Sec.-3.14	Complied
i.	Permission and approval for the use of forest land (forestry clearance), if any, and recommendations of the State Forest Department. (if applicable).	Chapter - 3	Sec.-3.14.1	Complied
ii.	Land use map based on High resolution satellite imagery (GPS) of the proposed site delineating the forestland (in case of projects involving forest land more than 40 ha).	Chapter - 3	Sec.-3.2	Complied
iii.	Status of Application submitted for obtaining the stage I forestry clearance along with latest status shall be submitted.	Chapter - 3	Sec.-3.14.1	Complied
iv.	The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis –à- vis the project location and the recommendations or comments of the Chief Wildlife Warden - thereon.	Chapter - 3	Sec. 3.2.3	Complied
v.	Wildlife Conservation Plan duly authenticated by the Chief Wildlife Warden of the State Government for conservation of Schedule I fauna, if any exists in the study area.	Chapter - 3	Sec.-3.14.2	Complied
vi.	Copy of application submitted for clearance under the Wildlife (Protection) Act, 1972, to the Standing Committee of the National Board for Wildlife.	Chapter - 3	Sec.-3.14.2	Not Applicable
6.	**Environmental Status**	Chapter - 3	Sec.-3.5	Complied
i.	Determination of atmospheric inversion level at the project site and site -specific micro-meteorological data using temperature, relative humidity, hourly wind speed and direction and rainfall.	Chapter - 3	Sec.-3.5.1 & 3.5.2	Complied
ii.	AAQ data (except monsoon) at 8 locations for PM_{10}, $PM_{2.5}$, SO_2, NO_X, CO and other parameters relevant to the project shall be collected. The monitoring stations shall be based CPCB guidelines and take into account the pre - dominant wind direction, population zone and sensitive receptors including reserved forests.	Chapter - 3	Sec.-3.6.1, 3.6.2 & 3.6.3	Complied
iii.	Raw data of all AAQ measurement for 12 weeks of all stations as per frequency given in the NAQQM Notification of Nov. 2009 along with min., max., average and 98% values for each of the AAQ parameters from data of all AAQ stations should be provided as an annexure to the EIA Report.	Chapter - 3	Sec.-3.6.3	Complied
iv.	Surface water quality of nearby River (60 m upstream and downstream) and other surface drains at eight locations as per CPCB / MoEF&CC guidelines.	Chapter - 3	Sec.-3.8	Complied
v.	Whether the site falls near to polluted stretch of river identified by the CPCB/MoEF&CC	Chapter - 3	Sec.-3.2.1	Complied
vi.	Ground water monitoring at minimum at 8 locations shall be included.	Chapter - 3	Sec.-3.9	Complied
vii.	Noise levels monitoring at 8 locations within the study area.	Chapter - 3	Sec.-3.7	Complied

viii.	Soil Characteristic as per CPCB guidelines.	Chapter - 3	Sec.-3.10	Complied
ix.	Traffic study of the area, type of vehicles, frequency of vehicles for transportation of materials, additional traffic due to proposed project, parking arrangement etc.	Chapter - 4	Sec.-4.5	Complied
x.	Detailed description of flora and fauna (terrestrial and aquatic) existing in the study area shall be given with special reference to rare, endemic and endangered species. If Schedule -I fauna are found within the study area, a Wildlife Conservation Plan shall be prepared and furnished.	Chapter - 3	Sec.-3.13.1 & 3.13.2	Complied
xi.	Socio - economic status of the study area.	Chapter - 3	Sec.-3.15	Complied
7.	**Impact Assessment and Environment Management Plan**	Chapter - 4	Sec.-4.0	Complied
i.	Assessment of ground level concentration of pollutants from the stack emission based on site -specific meteorological features. In case the project is located on a hilly terrain, the AQIP Modeling shall be done using inputs of the specific terrain characteristics for determining the potential impacts of the project on the AAQ. Cumulative impact of all sources of emissions (including transportation) on the AAQ of the area shall be well assessed. Details of the model used and the input data used for modeling shall also be provided. The air quality contours shall be plotted on a location map showing the location of project site, habitation nearby, sensitive receptors, if any.	Chapter - 4	Sec.-4.4.2	Complied
ii.	Water Quality modeling –in case, if the effluent is proposed to be discharged in to the local drain, then Water Quality Modeling study should be conducted for the drain water taking into consideration the upstream and downstream quality of water of the drain.	Chapter - 4	Sec.-4.4.8	Complied
iii.	Impact of the transport of the raw materials and end products on the surrounding environment shall be assessed and provided. In this regard, options for transport of raw materials and finished products and wastes (large quantities) by rail or rail-cum road transport or conveyor-Cum-rail transport shall be examined.	Chapter – 2 Chapter – 4	Sec.- 2.11 & 4.4.2	Complied
iv.	A note on treatment of wastewater from different plant operations, extent recycled and reused for different purposes shall be included. Complete scheme of effluent treatment. Characteristics of untreated and treated effluent to meet the prescribed standards of discharge under E(P) Rules.	Chapter - 4	Sec.-4.4.9, 4.4.10 & 4.4.11	Complied
v.	Details of stack emission and action plan for control of emissions to meet standards conservation.	Chapter - 4	Sec.-4.4.1 & 4.4.3	Complied
vi.	Measures for fugitive emission control	Chapter - 4	Sec.-4.4.3	Complied

vii.	Details of hazardous waste generation and their storage, utilization and disposal. Copies of MOU regarding utilization of solid and hazardous waste shall also be included. EMP shall include the concept of waste-minimization, recycle/reuse/recover techniques, Energy conservation, and natural resource	Chapter - 4	Sec.-4.4.13	Complied
viii.	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 2009. A detailed plan of action shall be provided.	Chapter - 4	Sec.- 4.4.12B	Complied
ix.	Action plan for the green belt development plan in 33 % area i.e. land with not less than 1,500 trees per ha. Giving details of species, width of plantation, planning schedule etc. shall be included. The green belt shall be around the project boundary and a scheme for greening of the roads used for the project shall also be incorporated.	Chapter - 4	Sec.-4.4.14	Complied
x.	Action plan for rainwater harvesting measures at plant site shall be submitted to harvest rainwater from the roof tops and storm water drains to recharge the ground water and also to use for the various activities at the project site to conserve fresh water and reduce the water requirement from other sources.	Chapter - 4	Sec.- 4.4.11	Complied
xi.	Total capital cost and recurring cost/annum for environmental pollution control measures shall be included.	Chapter – 2	Sec. – 2.19 & 2.20	Complied
xii.	Action plan for post-project environmental monitoring shall be submitted.	Chapter - 6	Sec.- 6.1 & 6.2	Complied
xiii.	Onsite and Offsite Disaster (natural and Man-made) Preparedness and Emergency Management Plan including Risk Assessment and damage control. Disaster management plan should be linked with District Disaster Management Plan.	Chapter - 7	Sec.- 7.1.2, 7.1.3, 7.1.4 & 7.2	Complied
8.	**Occupational Health**	Chapter - 4	Sec.-4.6	Complied
i.	Details of existing Occupational & Safety Hazards. What are the exposure levels of above mentioned hazards and whether they are within Permissible Exposure level (PEL). If these are not within PEL, what measures the company has adopted to keep them within PEL so that health of the workers can be preserved,	Chapter - 4	Sec.-4.6	Complied
ii.	Details of exposure specific health status evaluation of worker. If the workers' health is being evaluated by pre-designed format, chest x rays, Audiometry, Spirometry , Vision testing (Far & Near vision, colour vision and any other ocular defect) ECG, during pre - placement and periodical examinations give the details of the same. Details regarding last month analyzed	Chapter - 4	Sec.-4.6.1	Complied
	data of abovementioned parameters as per age, sex, duration of exposure and department wise.			
iii.	Annual report of heath status of worker with special reference to Occupational Health and Safety.	Chapter - 4	Sec.-4.6.2	Complied

iv.	Plan and fund allocation to ensure the occupational health & safety of all contract and casual workers.	Chapter - 4	Sec.-4.6.3	Complied
9.	**Corporate Environment Policy**	Chapter - 10	Sec.-10.2	Complied
i.	Does the company have a well laid down Environment Policy approved by its Board of Directors? If so, it may be detailed in the EIA report.	Chapter - 10	Sec.-10.2	Complied
ii.	Does the Environment Policy prescribe for standard operating process / procedures to bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions? If so, it may be detailed in the EIA.	Chapter - 10	Sec.-10.2	Complied
iii.	What is the hierarchical system or Administrative order of the company to deal with the environmental issues and for ensuring compliance with the environmental clearance conditions? Details of this system may be given.	Chapter - 10	Sec.-10.3	Complied
iv.	Does the company have system of reporting of noncompliances / violations of environmental norms to the Board of Directors of the company and / or Shareholder s or stakeholders at large? This reporting mechanism shall be detailed in the EIA report	Chapter - 10	Sec.-10.5	Complied
10.	Details regarding infrastructure facilities such as sanitation, fuel, restroom etc. to be provided to the labour force during construction as well as to the casual workers including truck drivers during operation phase.	Chapter – 2 Chapter - 8	Sec.-2.18, 8.1.8.2 & 8.4	Complied
11.	**Enterprise Social Commitment (ESC)**	Chapter - 7	Sec.-7.4	Complied
i.	To address the Public Hearing issues, 2.5% of the total project cost of (Rs. .....crores), amounting to Rs. .....crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects shall be carved out based on the local public hearing issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office. No free distribution/donations and or free camps shall be included in the above ESC budget	Chapter - 7	Sec.-7.4.	Complied

12.	Any litigation pending against the project and / or any direction/order passed by any Court of Law against the project, if so, details thereof shall also be included. Has the unit received any notice under the Section 5 of Environment (Protection) Act, 1986 or relevant Sections of Air and Water Acts? If so, details thereof and compliance/ATR to the notice(s) and present status of the case	Chapter - 1	Sec.-1.9	Complied
13.	A tabular chart with index for point-wise compliance of above ToRs.	Chapter - 1	Sec.-1.7	Complied
14.	The ToRs prescribed shall be valid for a period of three years for submission of the EIA-EMP reports along with Public Hearing Proceedings (wherever stipulated).	Chapter - 1	Sec.-1.6	Complied
i.	All documents shall be properly indexed, page numbered.	Chapter – 1	Sec.-1.10	Complied
ii.	Period/date of data collection shall be clearly indicated.	Chapter – 3	Sec.-3.1	Complied
iii.	Authenticated English translation of all material in Regional languages shall be provided.			Complied
iv.	The letter/application for environmental clearance shall quote the MOEF &CC file No. and also attach a copy of the letter.			Complied
v.	The copy of the letter received from the Ministry shall be also attached as an annexure to the final EIA- EMP Report.	Chapter – 1	Sec.-1.6	Complied
vi.	The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report	Chapter – 1	Sec.-1.10	Complied
vii.	While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MOEF &CC vide O.M. No. J -11013/41/2006 IA.II (I) dated 4th August, 2009, which are available on the website of this Ministry shall also be followed.	Chapter - 1	Sec.-1.2	Complied
viii.	The consultants involved in the preparation of EIA -EMP report after accreditation with Quality Council of India (QCl) / National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA - EMP reports prepared by them and data provided by other organization/Laboratories including their status of approvals etc. Name of the Consultant and the Accreditation details shall be posted on the EIA -EMP Report as well as on the cover of the Hard Copy of the Presentation material for EC presentation.	Chapter - 1	Sec.-1.2	Complied

ix.	ToRs' prescribed by the Expert Appraisal Committee (Industry) shall be considered for preparation of EIA - EMP report for the project in addition to all the relevant information as per the 'Generic Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. Where the documents provided are in a language other than English, an English translation shall be provided. The draft EIA -EMP report shall be submitted to the State Pollution Control Board of the concerned State for conduct of Public Hearing. The SPCB shall conduct the Public Hearing/public consultation, district -wise, as per the provisions of EIA notification, 2006. The Public Hearing shall be chaired	Chapter - 7	Sec.-7.3	Complied
	by an Officer not below the rank of Additional District Magistrate. The issues raised in the Public Hearing and during the consultation process and the commitments made by the project proponent on the same shall be included separately in EIA-EMP Report in a separate chapter and summarized in a tabular chart with financial budget (capital and revenue) along with time -schedule of implementation for complying with the commitments made. The final EIA report shall be submitted to the Ministry for obtaining environmental clearance			
i.	Complete process flow diagram describing each unit, its processes and operations, along with material and energy inputs & outputs (material and energy balance).	Chapter - 2	Sec.- 2.7.1, 2.7.2,2.7.3, 2.7.4 & 2.7.6	Complied
ii.	Emission from sulphuric acid plant and sulphur muck management.			Not Applicable
iii.	Details on installation of Continuous Emission Monitoring System with recording with proper calibration system	Chapter - 6	Sec.-6.2	Complied
iv.	Details on toxic metals including fluoride emissions	Chapter - 4	Sec.-4.4.1	Complied
v.	Details on stack height.	Chapter - 4	Sec.-4.4.2	Complied
vi.	Details on ash disposal and management	Chapter - 4	Sec.- 4.4.12B	Complied
vii.	Complete process flow diagram describing process of lead/ zinc/copper/ aluminium, etc.			Not Applicable
viii.	Details on smelting, thermal refining, melting, slag fuming, and Waelz kiln operation			Not Applicable
ix.	Details on Holding and de-gassing of molten metal from primary and secondary aluminium, materials pretreatment, and from melting and smelting of secondary aluminium			Not Applicable
x.	Details on toxic metal content in the waste material and its composition and end use (particularly of slag).	Chapter - 3	Sec.- 3.11	Complied
xi.	Trace metals in waste material especially slag.	Chapter - 3	Sec.- 3.11	Complied
xii.	Plan for trace metal recovery	Chapter - 3	Sec.- 3.11	Complied
xiii.	Trace metals in water	Chapter - 3	Sec.- 3.8 & 3.9	Complied

i.	The TCLP test report of the slag shall be submitted in the EIA/EMP report.	Chapter - 3	Sec.- 3.12	Complied
ii.	The terrain of the area shall be considered in the AAQ modeling	Chapter - 4	Sec.-4.4.2	Complied
iii.	The project proponent shall plan for solar light system for all common areas, street lights, villages, parking around project area and maintain the same regularly.	Chapter - 4	Sec. - 4.7	Complied
iv.	The project proponent plan for LED lights in their offices and residential areas.	Chapter - 4	Sec. - 4.7	Complied
v.	The proponent shall submit plan for solid waste management as per the provisions of SWM Rules, 2016 for their residential colony as a part of the EIA EMP report.	Chapter - 4	Sec.- 4.4.12C	Complied
vi.	10-15 m wide green belt should be developed all along the boundary of the plant and in all 33% of the area should be developed green by planting native and broad leaf species in consultation with local DFO and local communities as per the CPCB guidelines.	Chapter - 4	Sec. - 4.4.14	Complied
vii.	Public Hearing shall be conducted by the State Pollution Control Board.	Chapter - 7	Sec. - 7.3	Complied
viii.	The issues raised during public hearing and commitment of the project proponent on the same along with time bound action plan to implement the commitment and financial allocation thereto should be clearly provided.	Chapter - 7	Sec. - 7.3	Complied
ix.	The project proponent should carry out Social Impact Assessment of the project as per the Office Memorandum No. J-11013/25/2014-IA. I dated 11.08.2014 issued by the Ministry regarding guidelines on Environment Sustainability and CSR related issues. The social impact assessment study so carried out should form part of EIA and EMP report.	Chapter - 7	Sec. - 7.5 & 7.6	Complied

1.8 Statutory Clearances of the Existing Project:

1.8.1 Environmental Clearance of the Existing Project:

The Environmental Clearances of the existing project vide letter no. J-11011/753/2007-IAII (I) dated 29thJanuary, 2008 is given in **Annexure-1.2**.

1.8.2 Certified copy of the latest Monitoring Report from RO, MoEF&CC:

The Certified copy of the latest Monitoring Report vide letter no. 101-375/EPE dated 25.10.2017 is given in **Annexure-1.3**.

1.8.3 Consent to Establish of the Existing Project:

The Consent to Establish of the existing project vide letter no. 15378/Ind-II-NOC-4433 dated 29.06.2007 is given in **Annexure-1.4**.

1.8.4 Consent to Operate of the Existing Project:

The Consent to Operate of the existing project vide letter no. 5057/IND-I-CON-6101 dated 22.03.2016 is given in **Annexure-1.5**.

1.8.5 Compliance Report on CTO Conditions:

The copy of Compliance Report is given in **Annexure – 1.6**.

1.9 Litigation Pending against the Project:

There is a court case W.P. (C) No. 5697 of 2007, Prafulla Samantray Vs. Union of India & Others) pending before the Hon'ble High Court of Orissa. It was informed that no. order/direction of the court as on today with respect to W.P. No. 5697 of 2007. There is no violation under EIA Notification to the project or related activity. The case is pending at the Hon'ble High Court of Orissa, Cuttack.

1.10 Structure of the Report:

The report is prepared as per the Generic Structure and on the basis of prescribed ToR. The report is indexed with specific chapter and page numbered. In case of material given in Regional language; English translation of the same is indicated clearly. The structure of the report is as mentioned in the contents.

CHAPTER – 2

PROJECT DESCRIPTION

2.0 PROJECT DESCRIPTION

2.1 Project Description:

The present proposal involves expansion of the existing Alumina Refinery from 1.5 TO 3.0 MTPA along with expansion of existing Co-generation Power Plant from 90 TO 150 MW.

The Bauxite Ore for the proposed expansion will be sourced from the existing Captive Bauxite Mines; i.e. Baphlimali Bauxite Mines located at a distance of 20 km. The Bauxite will be transported from the mines to the refinery through the existing 18.1 Km long fully covered LDC (Long Distance Conveyor).

The coal for the proposed expansion of power plant will be sourced from the same source as that is being used for existing Power Plant i.e. imported coal and domestic coal through auctions.

The water requirement for the proposed expansion will be met from the San River (upstream of Indravati reservoir) i.e. the same source being used for the existing plant.

The existing Red Mud Pond & Ash Pond will be used for disposal of Red Mud & Fly Ash respectively. Other associated infrastructures like railway, internal roads and township etc. are adequate to take care of the post expansion scenario.

2.2 Type of Project:

Basically the project involves extraction of Alumina from Bauxite Ore by digesting in caustic media through Bayer's process with medium pressure digestion technology. This process comes under primary nonferrous metallurgical process listed as Category-A under item no. 3(a) of Schedule of MoEF&CC, Govt. of India Notification No. 1533(E), 14th September, 2006.

2.3 Need for the Project:

Aluminium is a versatile metal and has more than 3000 applications in leading consumer items. Per-capita consumption of Aluminium in Japan, USA and German are 29kg, 27kg & 25kg respectively, comparatively that of India is about 0.5kg.

In the fast changing economic scenario of India, rapid changes are taking place in industrial development and rural construction which would definitely have its impact on the consumption pattern of Aluminium. If this can happen then the future prospects for the Aluminium industry is likely to be buoyant.

The projection for the growth of demand of Aluminium in the country is about 6-8% and that of global demand will be about 4-5%. This means there will be a deficit of about 2.47 million tons in the metals availability by the end of the decade.

These facts indicate the demand of Aluminium manufacture in the country.

The need for the proposed expansion project is explained in the following points;

To tap the vastly available good quality Bauxite at Baphlimali mines to produce high quality Alumina the initial vision of the company was to establish;

- 8.5 MTPA Bauxite mines at Baphlimali Hill.
- 3.0 MTPA Alumina Refinery Plant along with 150MW Co-generation Power Plant at Doraguda (Kashipur Block) near Baphlimali Bauxite deposits.
- The Environmental Clearance for 8.5 MTPA Bauxite Mines obtained vide Environmental Clearance No. J-11015/650/2007-IA.II (M), dated 19thFebruary, 2009.
- So far as the Alumina Refinery is concerned only 50% of targeted 3.0 MTPA is achieved against the Environmental Clearance No J-11011/753/2007-IA.II (I), dated 29.01.2008; which was valid up to28th January, 2015 and the plant is in operation.
- In case of Co-generation Power Plant; 90 MW capacity is achieved vide Environmental Clearance No J-11011/753/2007-IA.II (I), dated 29.01.2008; and the plant is in operation.
- In order to achieve the targeted 3.0 MTPA capacity of Alumina Refinery and matching Co-generation Power Plant of 150 MW capacity; the proposed expansion[expansion of Alumina Refinery from 1.5 TO 3.0 MTPA and that of Co-generation Power Plant 90 TO 150 MW] is inevitable.
- The proposed expansion is very much needed as this will result in the following benefits; o Optimum utilization of resources. o Lower specific consumption of Raw materials, Chemicals, Water & Fuel. o Improvement in plant load factor with less down time and ease of operation. o Bulk production of good quality Alumina to meet the growing demand in the country and abroad. o Improvement in Safety& Environmental Protection measures is envisaged due to sustainable approach in lowering the specific consumption of resources and hence specific reduction in emissions, discharges and waste generation. Moreover, the adoption of zero discharge philosophy and waste utilization approach will make the project sustainable through the proposed expansion.

Need of the Project

Further, the expansion of the existing plant / facility is needed due to the following reasons

- To supply Alumina to the recently completed Aluminium Smelter project of the group company (Aditya Birla Group) at Lapanga, Sambalpur, Odisha and Mahan Aluminium, Madhya Pradesh. The alumina produced from the Alumina Refinery of UAIL at Tikiri will be converted to Aluminium at these smelter plants.
- To supply the excess alumina in the domestic market and also export which will also enhance the economy of our country in terms of earning valuable foreign exchange.
- Increase in alumina production leading to increase in production of Aluminium will ultimately contribute positively to the GDP of the country.
- In line with the recent “Make in India” policy of Govt. of India; production of alumina gains more importance indirectly.

- The proposed expansion project will not only generate direct and indirect employment but also it will improve the socio-economic status of the people in the area which is otherwise backward.

2.4 Location:

M/s. Utkal Alumina International Limited (UAIL), a 100% subsidiary of Hindalco Industries Limited, a part of Aditya Birla Group has already established an 1.5 MTPA Alumina Refinery at Doraguda village of Kashipur Block in Rayagada district of Odisha State. The proposed expansion project is planned at the same location.

- Location : Doraguda, Dist. Rayagada, Odisha
- Latitude & Longitude of Centre point of the Site : Latitude: 19º 11' 23" North
  Longitude: 83º 01' 43" East
- North West Corner : Latitude: 19º 12' 2.394" – North
  Longitude: 83º 01' 19.65" - East
- North East Corner : Latitude: 19º 12' 8.532" – North
  Longitude: 83º 01' 57.1764" - East
- South West Corner : Latitude: 19º 10' 44.576" – North
  Longitude: 83º 01' 26.0364" - East
- South East Corner : Latitude: 19º 10' 31.5408" – North
  Longitude: 83º 01' 52.6476" - East
- Nearest Town : Rayagada (60 Km , SE)
- National Highway : NH 326 (30 Km, NW)
- Nearest Railway : Tikiri (7.0 Km, ESE)
- Nearest Airport : Visakhapatnam (250 Km, S)
- Nearest Seaport : Visakhapatnam (250 Km, S)

2.5 Products with capacity for the Proposed Project:

The existing and proposed project configurations would be as follows:

Table No. 2.1 Project Configuration

Particulars	Existing Configuration	Post Expansion Final Configuration
Alumina Refinery	Line-I: 0.75 MTPA	Line-I: 1.0 MTPA
	Line-II: 0.75 MTPA	Line-II: 1.0 MTPA
		Line-III: 1.0 MTPA
Co-generation Power Plant	90 MW [3x30 MW]	150 MW [5 x 30 MW]

Note:

The capacity enhancement of 1.5 MTPA to 3MTPA will be achieved in three stages;

- By Process modification and capacity utilisation, the present capacity of 1.5MTPA can be enhanced by about 14% (by 0.2 MTPA),
- By adding additional equipment another 20% increase in capacity is envisaged (by 0.3 MTPA) without any capacity enhancement of the present Captive Co-generation Power Plant taking the capacity of the existing two lines to 2 MTPA,
- One more parallel and similar line of 1 MTPA will be added to achieve the 3MTPA capacity along with 60 MW Co-generation Power Plant.

2.6 Proposed Schedule for Implementation of Project:

The first stage of the capacity enhancement through process modification will be achieved within three months of getting the Environmental Clearance. Estimated completion time for the second stage of the project will be about 12- 24 months from the date of approval. The third stage of the proposed enhancement will be achieved within 36 to 60 months from the date of approval. Total project duration is estimated to be about 60 months.

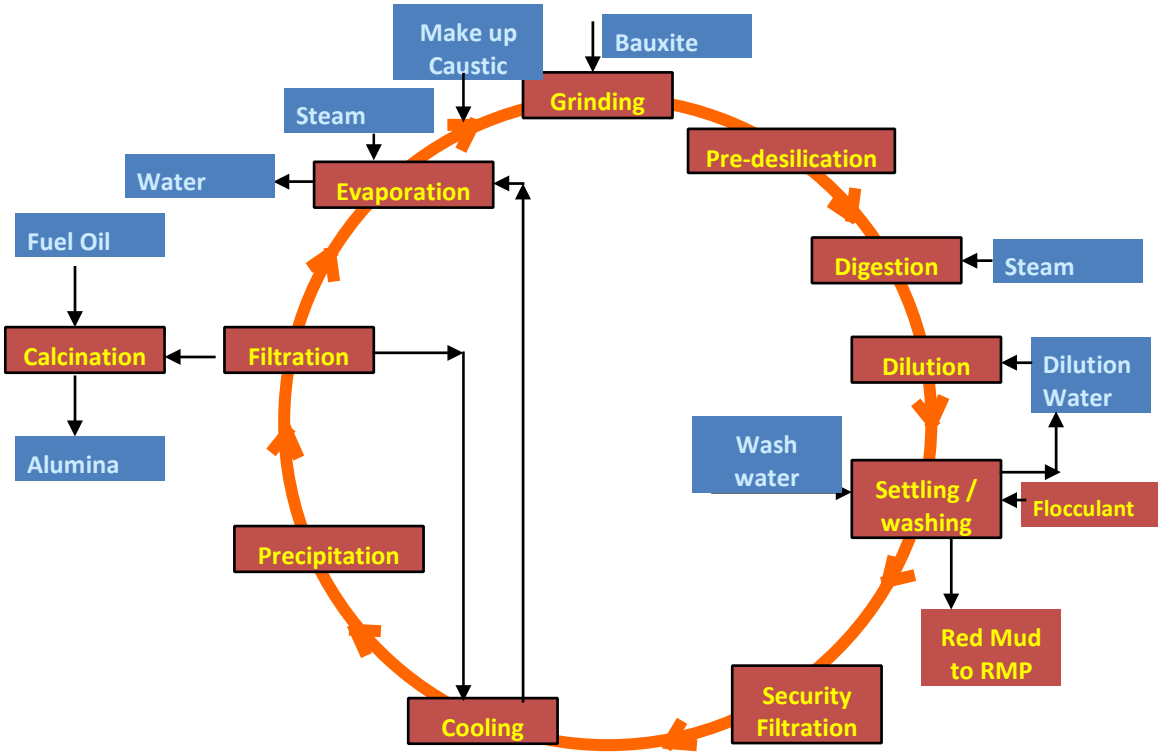
2.7 Process Description :

Alumina extraction from Bauxite is done by Bayer Process using medium pressure digestion. Bauxite is digested in a caustic soda solution where the alumina dissolves to form soluble sodium aluminate while the impurities in the bauxite remain in the solid phase. The digestion residue is separated from the process liquor by classification, sedimentation and filtration, washed to remove entrained caustic and discarded as cake known as bauxite residue or red mud. Alumina dissolved in the liquor during the digestion process is precipitated on seed crystals as alumina tri-hydrate. These are separated from the caustic liquor and classified according to size. The finer fractions are returned to the process as seed. The remaining coarse particles are washed to remove caustic soda from alumina hydrate. The alumina hydrate is then calcined to drive off free moisture and crystallization water to yield alumina.

The caustic liquor is recycled via an evaporation unit, to the digestion stage.

The Bayer's Process is schematically explained as below:

Fig No. 2.1 Bayer's Process Flow Diagram



2.7.1 Process description of Alumina Refinery

Alumina Refinery Plant broadly consists of Red Area & White Area under which the following processes are carried out;

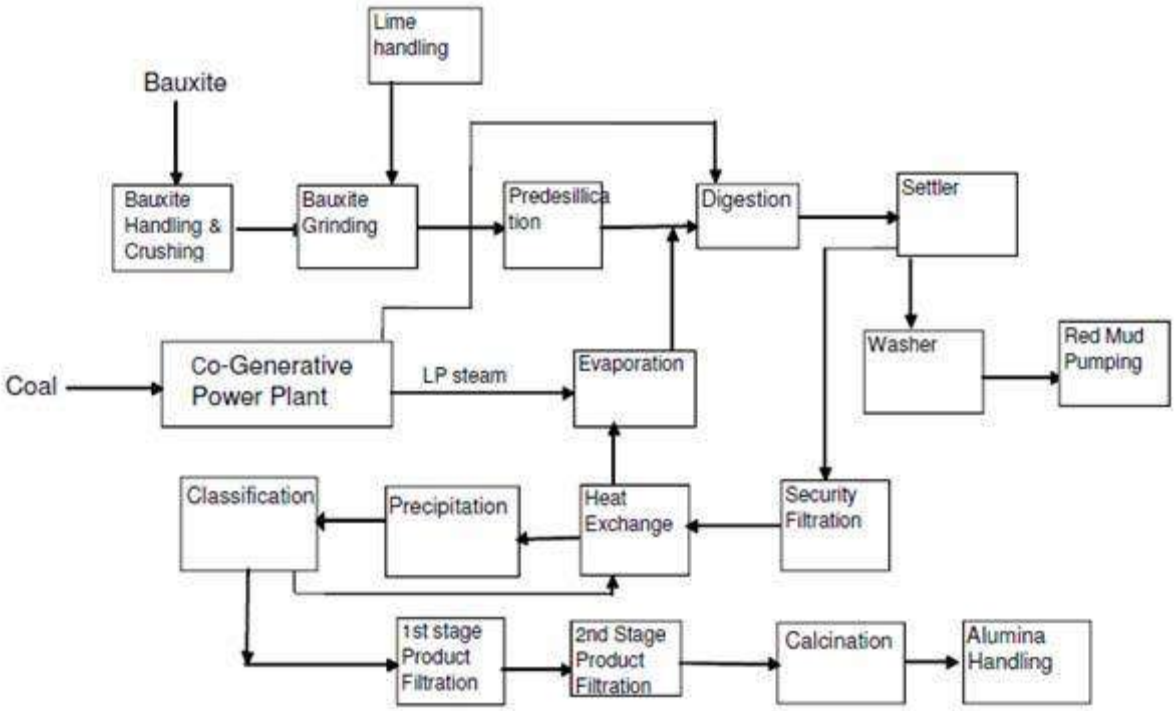
- **Red Area :**
  - Bauxite Handling System – Conveying, Stacking & Reclaiming.
  - Secondary Crushing
  - Bauxite Grinding
  - Slurry Heating & Pre-desilication
  - Digestion, Flashing & Dilution
  - Clarification - High Rate Decanters
  - Red Mud Washing – Deep Cone Washers
  - Red Mud Disposal and Red Mud Filtration
  - Flocculant Preparation
  - Filter aid preparation & Liquor Causticization Security Filtration

- **White Area :**
  - Cooling by Plate Heat Exchanger (PHE)
  - Precipitation

- Hydrate Classification & Seed Preparation – Classification by cyclones, Seed & Product Hydrate Filtration in rotary disc vacuum filters
- Evaporation
- Condensate Storage
- Product Hydrate Washing in Horizontal Rotary Pan Filters.
- Hydrate Storage
- Calcination
- Alumina Handling & Storage
- Lime Handling & Lime Slaking
- Caustic Cleaning
- Acid Cleaning

The Schematic Process Flow Diagram of Alumina Refinery Plant is given at **Figure No.2.2.**

Figure No. 2.2 Process Flow Diagram of Alumina Refinery Plant



A brief description of the major process facilities listed above is given in the following subsections;

2.7.1.1 Bauxite Handling System:

Bauxite handling system consists of Bauxite receipt, Storage/Stacking and Reclamation.

The primary crushed bauxite (-150 mm), from Baphlimali Bauxite Mines is conveyed by 18.1km LDC (Long Distance Conveyer) and discharged into transfer hopper. Belt Conveyor below the transfer hopper feeds the bauxite to storage (Stacker) conveyor leading to the stockpiles.

The stacker system of 1500 TPH capacity consists of a long storage conveyer with a mobile boom conveyor mounted on a travelling platform and a tripper mounted on the same platform which ensures the transfer of bauxite from storage conveyor to the stacker boom conveyor.The stacker system delivers the bauxite to one of the two stockpiles, each of 180,000 T capacity, which is approximately equivalent to 30 days of bauxite requirement. At any given time one stockpile will be under reclamation. When the stack formation is complete, the stacker will move to the other stockpile and interchange its position with the reclaimer.

The bucket wheel reclaimer reclaims the stacked bauxite from one of the stockpiles in which the stacker is not operating. The reclaimer consists of a boom conveyor, cross conveyor and a mobile hopper which feeds the reclaiming conveyor which in turn feeds the Secondary Crusher via transfer conveyors. The reclaimer moves on rails from one end of the stock pile to the other end. Reclaiming is thus made perpendicular to longitudinal axis of the heap so as to remix the bauxite layers together. This ensures uniform blending and proper homogenization of the reclaimed bauxite. The reclaiming conveyors feed the vibrating screens of secondary crushing plant via transfer conveyors. A magnetic separator and a metal detector are installed on each transfer conveyor for detecting and picking up metallic pieces on this conveyor.

2.7.1.2 Secondary Crushing :

Primary crushed bauxite received from reclaimer is screened and crushed to '-38 mm' size in Secondary Crushing Plant having two sets of crushing lines each consisting of Hammer Crushers. In each set, one crushing line will be operating and other will be standby during dry seasons, but during monsoon both crushing lines would be operating simultaneously because of reduction in overall throughput due to sticky nature of the wet bauxite.

The bauxite from transfer conveyor is either diverted to one of the two crushing lines in the crushing plant via belt conveyor feeding respective vibrating screens. It is also possible to feed both the crushing lines during monsoon season.

2.7.1.3 Bauxite Grinding:

Crushed bauxite is transferred to Rod Mill feed bins by means of belt conveyors.

Bauxite grinding is carried out in open circuit overflow type Rod-mills owing to high solids concentration required for pre-desilication. Three Rod mills, each being independent from the others and complete in all respects, feed ground bauxite slurry to pre-desilication area. At any point of time, two or three Rod mills are operated. Crushed bauxite is fed to the Rodmills from the feed bins with the help of apron feeder, which in turn feeds a weight belt conveyor. In case of bridging of bauxite particles inside the silo, the vibrating cone will operate to ensure smooth flow of bauxite. Weigh belt conveyors feed bauxite to Rod-mills, SF liquor is added at feed end and at the discharge terminal as per requirement. Bauxite slurry from mill slurry tanks called Relay tanks is pumped to Pre-Desilication area.

2.7.1.4 Pre-desilication:

Ground bauxite slurry, containing 55-60% solids is heated to about 95 deg C in two stages of indirectly heated slurry heaters, first exchanging heat with regenerated condensate and then with flash steam from second flash tank of the Digestion Area. If heaters need to be bypassed, the bypass slurry is heated in dedicated online live steam injection heaters before entering the tanks. The heated slurry is fed to a series of six agitated pre-desilication tanks to separate out the reactive silica present in the bauxite. Pre-desilicated bauxite slurry from the last tank is pumped to digestion area. One pre-desilication stream of above description is provided.

2.7.1.5 Digestion, Flashing & Dilution:

Two nos. of independent, parallel and identical digestion streams are envisaged. Each train of digester consists of four large vertical vessels followed by a series of four Flash Tanks and a Blow-Off Tank.

Pre-desilicated bauxite slurry is further heated to about 95 deg C in two stages of indirect slurry heaters. The first stage utilizes flash steam from the last Flash Tank of the same digestion stream and the balance heating is carried out by feeding low pressure live steam to the second stage of bauxite slurry heaters.

Spent liquor from Evaporation Area is heated by flashed steam from the four flash tanks in a series of four shell and tube heat exchangers and in two live steam shell and tube heaters, prior to mixing with the bauxite slurry. The first live steam heater is fed low pressure live steam while the second is fed with high pressure live steam.

The live steam heaters heat the spent liquor so that the required digestion temperature can be maintained through the digester trains with minimum direct live steam injection.

Normally, steam is injected to first-in-line digester only.

The preheated spent liquor at about 172 deg C along with preheated bauxite slurry at about 95 deg C are pumped to a train of Medium Pressure Digesters (6 kg/cm^2) consisting of four agitated vertical cylindrical vessels connected in series. Four separate streams of spent liquor are fed from the test tanks through heat exchangers to four parallel trains of digesters.

Normally, the extent of preheating of the feed streams is sufficient to maintain the required temperature of about 145 deg C in the Digesters but suitable provisions are made for direct injection of live steam to the first and third digesters of each train.

A relatively small quantity of lime slurry may also be fed to the digester train along with spent liquor and bauxite slurry. Controlled quantity of lime slurry addition to the digesters not only helps in increasing digestion efficiency but also improves the settling characteristics of the red mud.

The temperature (145 deg C) and pressure (6 kg/cm^2) of the digester contents is brought down in four stages of Flash Tanks in series. The flash cooled digested slurry is finally brought to atmospheric pressure in the Blow-Off Tank where the overflow of the first Washers also be

added at controlled rate for dilution. The contents of the blow-off tank at about 105 deg C are pumped to clarification area.

Live steam and flash vapour condensates are collected separately. Live steam condensate are flashed in two stages before being pumped to either cogeneration plant or condensate storage tanks depending upon its quality and overall process requirement. Flash steam condensate is collected in a separate receiver from where it is pumped to Pre-desilication area for heating bauxite slurry.

2.7.1.6 Clarification – High Rate Decanters :

The slurry from Blow-Off Tank is sent to Hi Rate Decanters, which separates the mud from the sodium aluminate liquor. Synthetic flocculants are added to the decanters for aiding the separation process and fast settling of mud particles. Underflow from the decanters is sent to Washers for recovery of caustic. The overflow from the decanters is sent to the disaster filters for removal of solid particles.

2.7.1.7 Red Mud Washing –Deep Cone Washers:

The underflow from the Clarifiers is transferred to two trains of four washers each. The clarifier underflow slurry moves counter current to a stream of wash water. The overflow of the last washer is sent to the third washer and so on up to the first Washer. Wash water at a controlled rate is added to the last Washer. Wash water used for the purpose is drawn from the Mud disposal area as super-natant liquor and also includes all process area waste water collected centrally through a dedicated drainage network in the caustic pond.

The system operates as a mixer-settler circuit to wash the solid waste substantially free of caustic liquor. Flocculants are used to aid the settling of the solids.

Presently the last washer underflow slurry at about 55-60% solids is pumped to the **Red Mud Disposal** area using High Pressure Positive Displacement Pump, where it is sprayed in layers on pre-graded drying beds.

2.7.1.8 Red Mud Disposal :

Red mud, a residue of the bauxite refining process is the major solid waste. About 4.08 MTPA (Dry Mud Generation = 1.36 t/t X 3 MTPA = 4.08 MTPA, dry basis) of red mud will be generated annually. Considering 20% moisture in the mud bed; the red mud generation (wet basis) will be about 5.1 MTPA (1.7 t/t X 3 MTPA = 5.1 MTPA). The present practice of Red mud disposal has been combined through thickened tailing disposal technique of Alcan. This is being disposed of by GEHO pumps (high pressure positive displacement pumps) in the designated Red Mud Disposal Area. An area covering 207.8 Ha has been dedicated for this purpose. The area has a gentle slope in general and a steep upward slope to the North and the North-East. The area on Northern Side is used as red mud stacking area. The Southern area, which is comparatively low lying, is used as supernatant water holding pond. The Eastern edge of the Red Mud Stacking Area just touches the conveyor corridor, which leads to the plant. The corridor is used for laying of pipeline to and from Plant and Red Mud Disposal Area. Extra water is pumped back into the

Alumina Plant. The Holding Pond area is 60-Ha with active mud stack area of about 17-Ha keeping the pond depth at 5-m and maximum pumping rate during the wet season at 200 m^3/ hr. Now, with the installation and commissioning of the state of the art Red Mud Filtration technology using high pressure plate and frame with membrane filters, dry Red mud cake at 75% solids is being disposed through a set of conveyors directly to the pond. Mechanical dozers and excavators are used to spread and stack the dry Red Mud in the pond with continuous compaction so as to reduce land usage by 20-30%. The filtrate of the unit is again pumped back to the Alumina plant for reusing in the mud washing process.

2.7.1.9 Flocculant Preparation:

Flocculant solution is required to assist the settling process in Decanters and Washers. Flocculant is supplied in bulk and could be either in powder or liquid emulsion form. Facilities are provided for storage of one type of powder Flocculant in hoppers and one type of liquid emulsion Flocculant in storage tanks. Storage capacity is provided for one-month consumption. Flocculant solution is prepared by mixing it with dilute caustic solution and stored in large Flocculant solution storage tanks. Independent pumps are provided for Flocculant dosing to all Decanters and Washer with necessary spares.

2.7.1.10 Liquor Causticisation :

The purpose of liquor causticisation is to maintain the causticity i.e. ratio of total caustic to total soda content, of process liquor stable in order to maintain processing efficiency. A portion of second red mud washer overflow is heated to 95°C in indirect heat exchanger using low pressure live steam. Heated liquor is mixed with lime slurry and held in a series of agitated causticisation tank for about one hour. The causticised slurry is pumped back to first red mud washer.

2.7.1.11 Security Filtration :

The clarified liquor streams overflowing the decanters and the balance of the first Washer overflow are routed separately to the filtration area where the last traces of insoluble material are removed from the pregnant liquor before it is sent to Precipitation Unit. This is achieved by passing the pregnant liquor through high productivity Disaster Filters; which are nothing but vertical, self-sluicing, pressure leaf filters. Filtered hot pregnant liquor and wash liquor are pumped off to heat inter-change area for further processing.

Reacted lime slurry is added to feed liquor as filter aid for better filtration and enhancing removal of deposited mud cake. Initially, when a filter is taken into operation, the quality of filtrate is poor requiring return of filtrate to clarification area for recycle. At the end of each cycle, deposited mud cake is washed off using high pressure wash liquor and the resultant slurry is pumped back to mud washing area.

2.7.1.12 Heat Interchange :

The Sodium Aluminate Liquor after security filtration attains a purity level which is adequate for meeting the chemical specification of metallurgical grade alumina.

Before being fed to the precipitators, the pregnant liquor needs to be cooled sufficiently to attain the desired super-saturation level with respect to dissolved alumina concentration in the liquor.

Heat interchange area is designed to cool the filtered pregnant liquor coming from the security filtration area to the required temperature in the precipitation area. Here the filtered pregnant liquor coming from security filtration area, is cooled through Plate Heat Exchangers (PHE) by means of cold spent liquor coming from the hydrate filtration area on its way to evaporation, thereby transferring the heat from pregnant liquor to spent liquor.

Hydrate & Silica scales deposited on the heat exchanging plates are cleaned frequently with caustic cleaning liquor and periodically with dilute Sulphuric acid.

2.7.1.13 Precipitation :

The alumina content of bauxite dissolved in the caustic soda liquor is in the form of sodium aluminate. In precipitation area the sodium aluminate gets hydrolyzed to produce Aluminium tri-hydrate as precipitate while the free sodium hydroxide is released according to the following reversible reaction:

$2NaAlO_2 + 4\ H_2O \rightarrow 2\ Al\ (OH)_3 + 2\ NaOH$

The above reaction is slightly exothermic in nature. Operating conditions in the precipitators are maintained in such a manner which is conducive to propagate the reaction in the forward direction.

The cooled pregnant liquor from the Heat Interchange Area is pumped to the Precipitation Area. This area consists of four trains consisting of Agglomerators and Growth Precipitator in series. The Agglomerators are used to agglomerate the finest fraction of seed hydrate into larger particles. In the growth precipitators, the agglomerates as well as the coarser seed are further grown in size to produce desired particle size of product and also to maximize productivity.

Part of Pregnant liquor stream is first seeded with fine seed in the agglomerator tanks. The resulting slurry from the agglomerator along with coarse seed re-slurry (coarse seed mixed with remaining pregnant liquor stream) enters the series of growth tanks.

The slurry from a precipitator flows by gravity to next-in-line precipitator and successively through all the tanks.

To achieve the required soda content in the product alumina and to maximise the alumina yield it is necessary to maintain certain temperature profile during the growth phase of precipitation. This is achieved by installing inter stage coolers on growth precipitators.

During operations, hydrate scales get deposited in the tanks, which retard natural cooling. In order to maintain good conditions in tanks, circulating hot caustic cleaning liquor cleans the tanks. A caustic cleaning heater with necessary circulation system is provided for this purpose.

2.7.1.14 Hydrate Classification :

The slurry from the last-in-line growth precipitator is separated into three streams namely; Product, Fine Seed and Coarse Seed in the classification area. This is done in two stages of hydro cyclones. Hydro-cyclones are selected for this service on the basis that they are well proven and offer many advantages over the alternative classification system of gravity sedimentation using large classifier tanks.

The slurry from the last growth precipitator in each chain is pumped to dedicated Primary Classification Cyclones where the fine material is removed via the overflow stream and collected in an overflow tank from where it is pumped to the seed de-liquoring filters in seed preparation area. The under flow stream from each cluster of primary cyclones is collected in agitated tank from which the slurry is pumped to the associated Scalping Cyclones.

The underflow stream from the scalping cyclone forms the product hydrate slurry of the product hydrate having a narrow particle size distribution. This slurry is transferred to the Product De-liquoring Filters in seed preparation area. The overflow stream from the secondary cyclones containing the secondary seed hydrate, is collected in a tank and pumped to the Secondary Seed De-liquoring Filters in seed preparation area.

The area is designed to be flexible and is capable of responding to changes of plant flow without major impact on classification efficiency. This is achieved by providing adequate number of bypass nozzles and spare cyclones in each cyclone clusters are provided. Of these, two cyclone clusters each for primary and secondary cyclone clusters are provided. Of these, two cyclone clusters each for primary and secondary services, are provided as common space to take care of maintenance requirements.
Manual operations are minimised by providing adequate number of auto open/close valves in each cyclone cluster.

2.7.1.15 Seed Preparation :

The purpose of this area is to:

- De-liquor the product and seed slurry.
- Minimise spent liquor recycle with the seeds.
- Produce spent liquor containing not more than one gpl solids.
- De-liquor and then wash the tertiary seed free of solid phase oxalate.

High capacity large diameter Rotary Disc Filters having a filtration area of 110 m^2 each are envisaged for these services.

The overflow slurry from the primary cyclones is filtered on rotary disc filters to remove spent liquor and the cake is re-slurried with hot condensate to dissolve any solid phase oxalate or organic which may be present. This washed slurry is re-filtered on disc filters and the filter cake is re-slurried with hot pregnant liquor and transferred to the precipitation area for use as fine seed in the agglomerating precipitators. Ten nos. of rotary disc filters including common spares are provided for this service.

The overflow slurry from the secondary cyclones is de-liquored on disc filters to reduce the recycle of spent liquor to precipitation and, therefore, to improve the process yield. The deliquored secondary seed filter cake is re-slurried with a mix of product wash filtrate and agglomeration slurry from the precipitation area, and returned to the first-in-line growth precipitator in each chain. Twelve nos. of rotary disc filters including common spares will be provided for this service.

Product hydrate slurry i.e. the secondary cyclones underflow is de-liquored on disc filters. The filter cake from the de-liquoring filter is discharged and re-slurried with recycle product wash filtrate and transferred to the product hydrate washing area for further processing.

The filtrates from the de-liquoring of tertiary and secondary seeds as well as the product combine as spent liquor and go to the spent liquor tanks.

All the filters are required to be washed with hot condensate and caustic cleaned from time to time. Caustic cleaning liquor heater with necessary recirculation system are provided to facilitate the caustic cleaning of filters.

2.7.1.16 Product Hydrate Filtration and Washing

Filtrate from the product hydrate wash filter is recycled to product de-liquoring filter. The product slurry is filtered in Rotary Disc Filter for 1stStage Product Filtration. The hydrate cake from 1stStage product filtration is re-slurried and sent for 2ndStage Product Filtration in Hydrate Filter area.

The final washing of hydrate is carried out on three horizontal Rotary Pan Filters (three operating + two standbys). The slurry is de-liquored of wash filtrate on the first zone of the filter and the de-liquored filter cake then is washed with hot high quality condensate to remove the remaining caustic liquor. To minimize the soda content and moisture of the cake, a drainage aid is added to condensate. The product hydrate filter cake is discharged via a chute system to a conveyor which transfers the moist hydrate to the calcination and/or hydrate storage area.

Filtrate from the product hydrate wash filter is recycled to product de-liquoring filter for washing / re-slurrying purposes and the “excess” is purged to the secondary seed re-slurry tank in the seed preparation area. Pan filters are required to be washed with hot condensate and caustic cleaned from time to time. Caustic cleaning is envisaged from caustic cleaning system of seed preparation area. Necessary arrangements are provided to facilitate the same.

A common vacuum and blower air system is provided for all the filters in the area. Adequate storage facilities for storage of hydrate shall be provided in the Hydrate storage Area in order to take surges of hydrate production and downtime of calcination area.

2.7.1.17 Hydrate Storage:

Hydrate storage unit shall have a covered storage area to stock about 67,000 tonnes of wet hydrate. Hydrate storage facility has been envisaged for carrying out the maintenance of the Calciners. Without affecting the up-stream production processes. When Calciner is restarted, the hydrate from this storage area shall be utilized for feeding the Calciner. This facility may also be utilized when the product hydrate filters are not able to supply the required quantity of hydrate due to any reason.

Conveying system along with loaders and day bin are provided to reclaim the stored hydrate for calcination.

2.7.1.18 Hydrate Calcination :

This is the final step in the alumina production process where the water of crystallization of alumina tri-hydrate is removed by heating to temperature of about 1100 deg C in stationary Calciners.

The alumina calcination area consists of four stationary fluidised bed gas suspension Calciners each of 2500 TPD capacity. The alumina Calciner heat hydrate to a temperature of 10001100°C by contact with an oil flame in a fluidised bed, and then uses other fluidised beds to recover heat from the effluent gases and alumina product. After final cooling in a fluidised cooler (by recirculating cooling water which in turn is cooled in common cooling tower), the product alumina is conveyed to the alumina storage area, by air lift / air slides.

2.7.1.19 Alumina Storage and Handling System:

Calcined alumina produced in the Calciner units needs storage at the plant till onward transportation. A complete system consisting of storage silos and wagon loading system is provided within the alumina plant.

Three concrete storage silos, each of 12,500 tonnes capacity, are provided as a buffer between Calciner units and the Wagon Loading System. All the silos are located directly over the railway tracks. Calcined alumina is conveyed to the storage silos through a system of conveyors, air lifts and air slides. The alumina loading system is designed to load 6 wagons at a time from the three silos.

The storage silo is equipped with anti-segregation pipes. Discharge from the silo is effected through fluidisation of the alumina bed in the silo.

The each silo is fitted with a set of air slides and telescopic chutes for feeding alumina directly to the specially designed rail wagons. The entire loading operation is controlled through a local

control room. The rail wagons used for transport of alumina are specially designed BTAP (Bogie Tank Alumina Powder) wagons and have a capacity of 60-tonnes each.

2.7.1.20 Evaporation :

The purpose of an evaporation unit in the Bayer's process is to maintain the overall water balance in the closed circuit system. Evaporation is required in alumina plant to counter balance the ingress of water, into the process from various sources owing to process requirement and to maintain desired caustic concentration levels at digestion and precipitation in order to maximise process yield. In wet season, ingress of rainwater further amplifies evaporation requirements. The ingress of water in the system at various points, major part of which shall be in the mud-washers circuit, needs to be effectively counterbalanced by removing nearly the same quantity of water from the system circuit in the evaporation unit.

Four nos. of parallel and independent evaporation batteries with 250 TPH maximum evaporation capacity each are provided. It is envisaged that all batteries are operated in dry season as well as wet season. Battery capacity to be utilised to the fullest during the monsoon. However, the batteries will be operated at reduced capacity during dry season.
Also, all maintenance works will be under taken during dry season only.

Each evaporator battery consist of six bodies with suitable facilities to operate the battery in either six effect or five effect configuration. When one body is out for maintenance, it can operate as five effect evaporation with five bodies without significant loss of evaporation efficiency. Evaporation batteries use low pressure live steam mainly. However, minor quantities of high pressure steam are also used in vacuum system.

The feed to the evaporation unit is the spent liquor from Heat Interchange Area and collected in Feed Tanks. Concentrated liquor from evaporator is directly pumped into Test Tanks for use in digestion and grinding unit.

Arrangements for acid cleaning of live steam heaters are provided. Acid circulation is envisaged from centralised acid cleaning area.

2.7.1.21 Condensate Storage :

Condensate is generated in various areas by indirect condensation of live steam and flashed steam. The purpose of condensate storage area is to receive these condensate streams, grade and store them according to their quality and supply the stored condensate to various process areas as per desired quality. Necessary instrumentation and tankage system along with pumps are provided to achieve this objective.

2.7.1.22 Lime Slaking:

Burnt lime, as hydrated lime, of approximately 100-mm size and containing 65 to 70% active CaO is supplied in wagons. The unloaded lime is transferred to storage silos via double roll crusher, which reduces the lump size to less than 20 mm. The crushed lime is slaked and

classified to give 20% solid lime slurry. The lime slurry is stored in tanks and pumped off to digestion, liquor filtration and causticisation area via a ring header. Slaking, classification and pumping system is designed for continuous operation.

2.7.1.23 Caustic Cleaning:

Process liquor in a Bayer Plant causes hydrate scaling of vessels, pipelines and equipment requiring cleaning with hot and strong caustic solution on routine basis. Frequency of cleaning varies from area to area.

The purpose of caustic cleaning area is to prepare and supply fresh and hot caustic cleaning liquor to precipitators and satellite caustic cleaning systems located in various process units, and dispose of the spent caustic cleaning liquor without upsetting process liquor inventory.
Caustic cleaning solution is prepared by mixing fresh caustic lye (50% NaOH solution) and spent liquor in a large volume tank for caustic cleaning of precipitators and in a small volume tank for other area.

Freshly prepared caustic cleaning liquor is heated in a caustic cleaning heater before supplying to process units. A large spent caustic cleaning liquor tank is provided for receiving spent caustic cleaning liquor which is pumped continuously to digestion area for caustic addition to process liquor.

2.7.1.24 Acid Cleaning:

During operation, silica scales are deposited on the heat transfer surfaces resulting in loss of heat transfer efficiency. To overcome this problem, heat exchangers are required to be acid – cleaned periodically. Silica scales are readily dissolved in dilute solution of inhibited Sulphuric acid. Chain cleaning concept is used to optimize the size of acid cleaning facility and time required for acid cleaning. The heat exchangers required acid cleaning are:

- Digestion area spent liquor heaters (live and regenerative both)
- Heat interchange area spent liquor heaters
- Evaporation heat exchangers
- Digestion area bauxite slurry heaters
- Pre-desilication area bauxite slurry heaters

Concentrated Sulphuric acid is received at the plant in road tankers and is stored in a storage tank with one month requirement capacity. Concentrated acid storage tank is provided with avent desiccator and overflow line is directed to a seal pot filled with water.

It is envisaged to prepare the dilute acid solution for acid cleaning in a dilute acid tank, having a capacity which is sufficient for cleaning the largest chain of three heaters, by adding concentrated acid in water. Corrosion inhibitor and de-foamer agent is also added to the dilute acid tank.

2.7.2 Process description of Co-generation Power Plant

2.7.2.1 Coal Handling Plant

Coal is received in the plant in size of (-) 200 mm and unloaded by wagon tipplers. It will then be stacked in uncrushed form in the storage yard, which will have a capacity to store around three week's plant requirement. Thereafter, coal is reclaimed and conveyed to the crusher house where coal size reduced to (-) 25 mm. The crushed coal is conveyed and stored in the coal bunkers in the steam generation plant. Suitable ventilation and dust suppression facilities is installed in various areas of coal handling plant.

2.7.2.2 Steam Generating Units

The steam generating units would be of pulverized coal, natural circulation, tangentially fired, water tube type of bi-drum arrangement. The standard components for waste heat recovery system and steam generation are Economizers, Air-preheaters, Super heaters, Induced Draft and Forced draft fans, De-aerator, Vertical spindle mills or XP series mills, Light Diesel Oil for startup and Heavy Furnace oil for low load operation. Provision for Flue gas entrapment by means of Electrostatic Precipitator (ESP) is provided in the downstream of flue gas path leaving economiser so as to limit the dust emission concentration at its outlet to 50 mg/Nm^3.

2.7.2.3 Turbine generator units

Two double extraction condensing type steam turbine generators of 30-MW capacity each with two condensers of 60-TPH capacity each are proposed. The double extraction condensing type steam turbine generators have two controlled extractions matching with the pressure requirement of the high and low pressure process steam.

2.7.2.4 Ash Handling System

Dry ash disposal system begins at the outlet of fly ash silo and bottom ash silo at steam generation plant and terminates to ash disposal area located about 5.5-km away from the alumina plant battery limit.

Dry ash disposal system consists of the following major components:

- High Concentration Slurry Disposal (HCSD) system shall be utilised for disposal of thick ash at the ash pond area. (Wet disposal)
- Water spraying on ash dump area by water spray system if required.
- HDPE lining under ash dump area settling pond to prevent seepage to ground water.

2.7.2.5 Demineralization Plant:

De-mineralized water will be produced in the de-mineralization plant using filtered water as input. The configuration of DM plant has been envisaged to include pressure filter, cation exchangers, degasser, anion exchangers, mixed bed exchangers, DM storage tanks, etc. Arrangement will be provided for regeneration of the exchangers by acid & alkali and their storage. The effluent evolved during regeneration will be neutralised and used for dust suppression in coal storage yard.

2.7.2.6 Cooling Water System

The cooling water is required in turbine condensers and various auxiliaries in the steam and power plant. A dedicated cooling tower with separate circulation pumps for turbine condensers and auxiliaries is envisaged to cater to these needs. Chlorination is done in the cooling tower pump sump to control algae growth.

2.7.2.7 Fuel Oil System

Heavy fuel oil will be used for flame stabilization of bodies at low load and light fuel oil will be used for boiler start-up and emergency diesel generator. Heavy fuel would be pumped from the central storage and stored in the day tank within the steam and power plant. Light fuel oil is received by road tankers, unloaded and stored in a day tank within the steam and power plant. Suitable systems are provided for supplying heavy and light fuel oil to the boilers and DG set.

2.7.2.8 Chemical Feed System

To maintain required alkalinity and thereby reduce corrosion and also to remove scale forming compound in water, tri-sodium phosphate is dosed intermittently in the boiler drum. To bring down the concentration of dissolved oxygen and thereby reduce corrosion, hydrazine and cyclo-hexylamine are dosed continuously in the boiler feed pump suction. The dosing systems include mixing tanks, dosing pumps, piping, valves etc.

2.7.2.9 Stack Arrangement

Two multi-flue stacks are provided for the steam generating units sized for boilers operating at MCR. The chimney height has been considered as 150-m, which is higher than the requirement based on the statutory guideline for SO_2 dispersion, and for keeping ground level concentration within acceptable limits.

2.7.2.10 Fire Protection System

Fire hydrant system has been envisaged for the complete steam and power plant including coal and oil storage areas. Automatic spray system has been proposed for transformer, fuel oil tanks and turbine oil storage areas. Automatic sprinkler system has been envisaged for coal conveyor galleries. The above systems will be an extension of the fire water system of the alumina plant complex.

In addition to above, adequate number of portable and mobile fire extinguishers would be provided at strategic locations. Fire detection and alarm system would also be provided in vulnerable areas for detecting, fire/smoke.

2.7.2.11 Compressed Air System

A centralised compressed air system is provided for meeting plant and instrument air requirement of the alumina plant complex including steam and power plant.

2.7.2.12 Ventilation System

The ventilation system would be evaporative cooling type with air washer units for the Power House Building, in general. Exhaust ventilation would be provided in battery room and coal tripper operating floor.

Mechanical ventilation system would be provided in miscellaneous pump houses, MCC/Control rooms with suitable wall mounted supply/exhaust fans &louvers or unitary air filtration units, as necessary.

2.7.2.13 Plant Operation and Control System

The steam and power plant control system basically comprises Boiler control system, Turbine control system and high and low pressure process steam header pressure control system. The very high pressure steam header pressure is maintained by the dedicated control system of the individual boilers. A master control system is incorporated for ensuring equal load sharing amongst the operating boilers.

The steam consumption is based on the process model. Saturated steam at absolute pressure of 12 bar (MP) and 4.2 bar absolute (LP) is considered for the process equipment. However, at the power plant battery limit the absolute pressures of 14 bar (MP) and 6 bar (LP) are proposed to take care of the pressure drop.

The average hourly steam requirement for the process plant in normal operating conditions is 380 TPH (MP –140 TPH & LP-240 TPH) and during the peak loads this requirement can go up to 455 TPH (MP- 165 TPH & LP – 290TPH).

Keeping in view the rating of steam turbine and the metallurgical constraint of the pressure parts of the boiler, a pressure of 68 bar and temperature of 495° C are considered for the proposed project.

In order to increase the plant efficiency, condensing section flow needs to be minimised. The steam flow through the extractions would follow the process plant's steam demand which will be achieved by the turbine governing system by activating control valves depending on the respective header pressures. However, in case the power demand drops substantially in relation to process steam demand, additional process steam requirement under this situation would be obtained through pressure reducing and de-superheating stations directly.

Microprocessor based distributed digital control system is envisaged. The system shall be integrated in such a way that global data base can be formed and can be accessed from any universal control station.

2.7.3 Waste Water Management System:

The plant operates on a Zero Discharge principle. All waste water generated in the Alumina Refinery are alkaline in nature, which is centrally collected through a dedicated drainage system in a pond called the Caustic Pond. The waste water so collected is entirely recycled back to the process for Red Mud washing.

There is provision of Settling Pit in the Bauxite Stock-yard Area for storm run-off water.

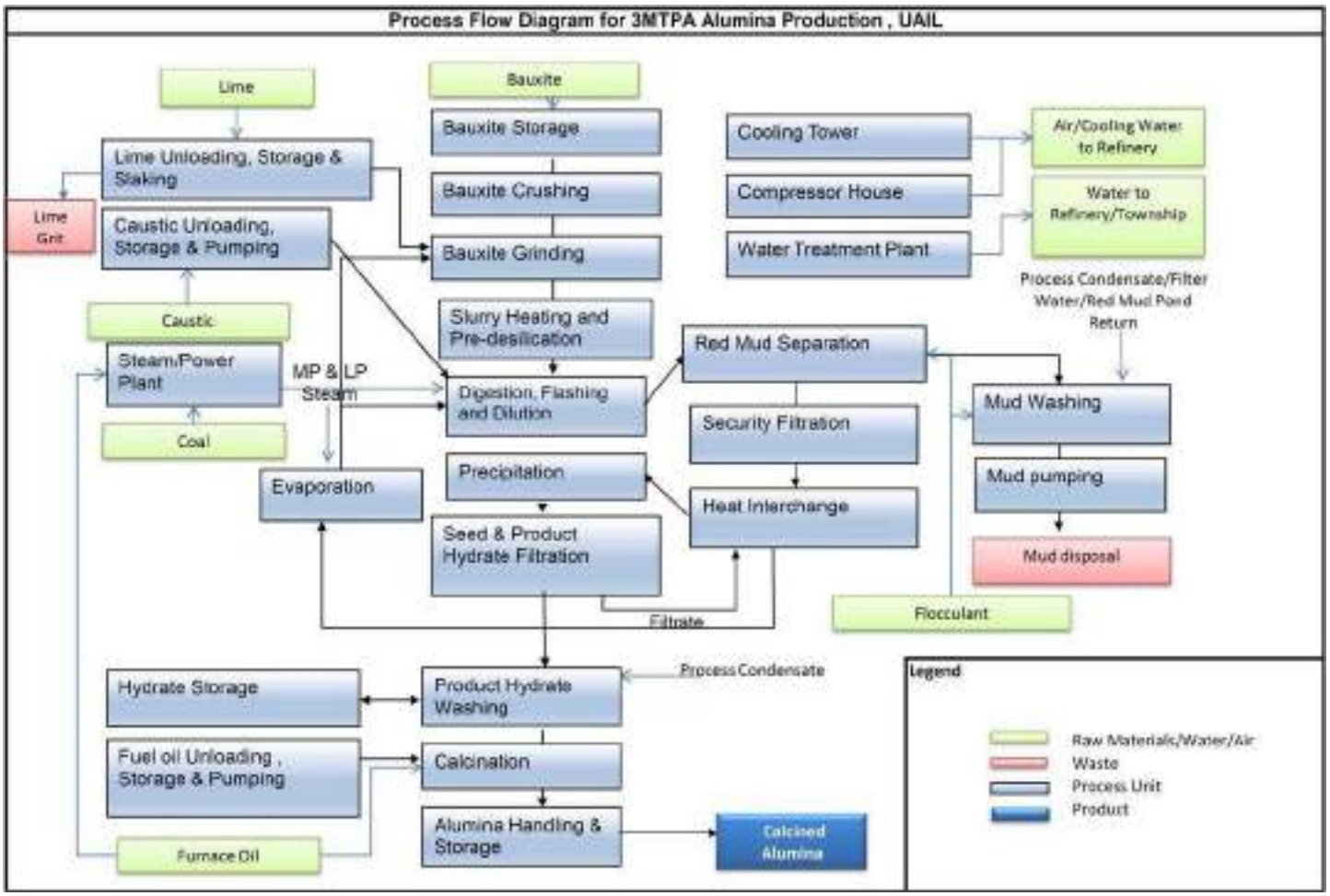
Similarly in the CPP, the blow down water from the Boilers and the Cooling Towers along with the DM Plant waste water are collected in Holding Pond after passing through Sedimentation Chamber followed by Oil & Grease Trap and Neutralization Pit. This water is also entirely reused for sprinkling in Coal Handling Plant (CHP), Ash Handling Plant (AHP), roads & Ash conditioning.

Similarly, the surface run-off water is also collected centrally in a pond called the Guard Pond after passing through Neutralization System at the inlet with continuous pH monitoring. This water is also entirely recycled into the process for Red Mud washing. Moreover, as per the CPCB Guidelines, the Guard Pond is under continuous surveillance through a Web-Camera and a Flow meter at its outlet.

The quality of waste water of Guard Pond, Neutralization Pit and Holding Pond are well within the prescribed norms and moreover the waste water is being reused in the process. The above process of collection and reuse of waste water does not require a full-fledged ETP rather as indicated only Sedimentation Chamber, Oil & Grease Trap and Neutralization System are required which are in place.

2.7.4 Process Flow Diagram

Fig No. 2.3
Process Flow Diagram



2.7.5 List of Major Equipments:

The list of major equipment of the Alumina Refinery are listed in Table No. 2.2.

Table No. 2.2

Major Equipment List for Total Plant Capacity of 3.0 MTPA & 150 MW CPP

S. No	Areas	Equipments/Structures to be Installed	Present 1.5 MTPA	1.5 MTPA to 3 MTPA (Additional)	For 3.0 MTPA (Total – Post Expansion)	UOM
1	Bauxite Handling	Additional one complete stream till crushing stage.	1	1	2	System
2	Bauxite Grinding	Bauxite Bin	3	2	5	NOS
		Apron Feeder	3	2	5	NOS
		Belt Conveyor	3	2	5	NOS
		Belt Weigher	3	2	5	NOS
		Grinding mill	3	2	5	NOS
		Rod charger	3	2	5	NOS
		Mill slurry tanks	2	2	4	NOS
		Mill slurry pump	2	2	4	NOS
		Relay tanks	2	2	4	NOS
		Relay tank agitator	2	2	4	NOS
		Transfer pump	4	4	8	NOS
		Sump tank	2	3	5	NOS
		Sump tank agitator	2	3	5	NOS
		Sump pump	2	3	5	NOS
		Sub Station	1	1	2	System
		Electric Hoists	6	6	12	NOS
3	PDS	PDS Tanks (Structure)	6	6	12	NOS
		PDS Agitators	6	6	12	NOS
		Slurry Booster Pumps	5	5	10	NOS
		Slurry Heaters	5	5	10	NOS
		Sump pumps	5	5	10	NOS
		Sump Agitator	5	5	10	NOS
		Digestor Feed Pumps Additional (PDS to Digestion)	3	3	6	NOS
		Transfer Pumps	9	9	18	NOS
4	Digestion	Strong Feed Liquor pumps	3	3	6	NOS
		Blow off pump	4	4	8	NOS
		LP Live Steam Heat Exchanger	3	3	6	NOS
		MP Live Steam Heat Exchanger	3	3	6	NOS
		Process Heat Exchanger	12	12	24	NOS
		Flash vessel including structural and piping	8	8	16	NOS
		Digestor Vessels including structurals and piping - Train	8	8	16	NOS
		Digestion Agitators	4	4	8	
		Blow off Tank	2	2	4	NOS
		Relief Tank	2	2	4	NOS
		Pure Condensate Pump	4	4	8	NOS
		Process Condensate Pump	4	4	8	NOS
		Pure Condensate Flash Pot	4	4	8	NOS
		Process Condensate Pot	8	8	16	NOS
		SFL Tank	2	2	4	NOS
		Spent cleaning liquor tank	2	1	3	NOS
		Caustic Liquor Tank	2	1	3	NOS
		Sump Tank	11	11	22	NOS

		Concentrated Sulphuric Acid tank	2	1	3	NOS
		Diluted Sulphuric acid tank	1	1	2	NOS
		Goliath Crane	1	1	2	NOS
		Digester- Lift	1	1	2	NOS
		Sump Pump	11	11	22	NOS
		Sump Agitator	11	11	22	NOS
5	Mud Wash	High Rate Decanter Structure	3	3	6	NOS
		HRD Rake	3	3	6	NOS
		HRD Underflow Pump	6	6	12	NOS
		HRD Overflow Pump	3	3	6	NOS
		HRD Pump Tank	3	3	6	NOS
		TCA Preparation Tank	2	2	4	NOS
		TCA Tank Agitator	2	2	4	NOS
		TCA Pump	3	3	6	NOS
		Deep Cone Washer	6	6	12	NOS
		Rake Drive	6	6	12	NOS
		Underflow Transfer Pump	1	1	2	NOS
		Underflow Recirc Pump	1	1	2	NOS
		Underflow Transfer Pump	1	1	2	NOS
		Underflow Recirc Pump	1	1	2	NOS
		Underflow Transfer Pump	1	1	2	NOS
		Underflow Recirc Pump	1	1	2	NOS
		Underflow transfer pump	1	1	2	NOS
		Underflow recirc pump	1	1	2	NOS
		Underflow transfer pump	1	1	2	NOS
		Underflow recirc pump	1	1	2	NOS
		Underflow transfer pump	1	1	2	NOS
		Underflow recirc pump	1	1	2	NOS
		Mud washer water pump	2	2	4	NOS
		Dilution liquor pump	2	2	4	NOS
		Washer 2 overflow pump	2	2	4	NOS
		Washer 3 overflow pump	2	2	4	NOS
		Washer 4 overflow pump	2	2	4	NOS
		Booster pump	2	2	4	NOS
		Washer 5 overflow pump	2	2	4	NOS
		Washer 6 overflow pump	2	2	4	NOS
		mud disposal pump & red mud slurry , SNL Pipeline system	2	2	4	System
		One stream of Flocculent	1	1	2	System
6	Security filtration	Vertical pressure filters (Gaudfrin disaster filter)	6	6	12	NOS
		Pregant liquor storage tank	2	1	3	NOS
		Pregant liquor transfer pumps	3	3	6	NOS
		Turbid Liquor & filter cake slurry mixture tank	2	2	4	NOS
		Turbid liquor & filter cake slurry mixture tank Agitator	2	2	4	NOS

		Turbid liquor & filter cake slurry mixture tank transfer pumps	3	3	6	NOS
		Caustic Cleaning liquor tank (Cleaning caustic storage)	1	1	2	NOS
		Caustic Cleaning liquor transfer pumps	2	1	3	NOS
		Caustic Cleaning liquor tank (condensate storage)	1	1	2	NOS
		Heat exchanger for caustic cleaning liquor	1	1	2	NOS
		Pure condensate transfer pumps (to power plant)	2	1	3	NOS
		Sump pumps	4	2	6	NOS
		Sump agitators	4	2	6	NOS
7	Heat Interchage Department	Heat Exchanger	6	6	12	NOS
8	PPT	Agglomerator Tank	2	2	4	NOS
		Agglomeration agitator	2	2	4	NOS
		Growth precipation tank	30	30	60	NOS
		Growth precipation agitator	30	30	60	NOS
		Interstage cooler	12	13	25	NOS
		Interstage cooler pump	12	13	25	NOS
		Interstage cooler scale trap	12	13	25	NOS
		Antifoam tank	1	1	2	NOS
		Antifoam dosing pump	3	2	5	NOS
		Antifoam transfer pump	2	2	4	NOS
		Cleaning liquor heat exchanger	2	2	4	NOS
		ESD Valve Hydraulic Power system	4	4	8	SYSTEM
		Cleaning liquor tank	1	1	2	NOS
		Condensate return pump	2	2	4	NOS
		Recycling slurry pump	4	4	8	NOS
		Precipitation cleaning and transfer pump	4	4	8	NOS
		Primary cyclone battery	4	4	8	NOS
		Primary cyclone feed scale trap	4			
		Primary cyclone feed pump	8	8	16	NOS
		Lift for precipitation tank	1	1	2	NOS
		Sump pumps	8	8	16	NOS
		Sump agitators	8	8	16	NOS
9	Seed Filtration	Agitator For Sump Tank	8	8	16	NOS
		Air Blower	6	6	12	NOS
		Blow Air Vessel	10	10	20	NOS
		CGM Pump	3	3	6	NOS
		CGM Tank	2	2	4	NOS
		CGM Transfer Pump	2	2	4	NOS
		Cleaning liquor heat exchanger	2	2	4	NOS
		Cleaning liquor pump	4	4	8	NOS

Cleaning liquor circulation pump	1	2	3	NOS
Cleaning liquor tank	2	2	4	NOS
Coarse seed tank agitator	3	3	6	NOS
Coarse seed disk filter	6	6	12	NOS
Coarse seed slurry pump	6	6	12	NOS
Coarse seed slurry tank	3	3	6	NOS
Coarse seed vent vessel	3	3	6	NOS
Condensate blowdown vessel	2	2	4	NOS
EOT crane	1	1	2	NOS
Filter overflow tank agitator	2	3	5	NOS
Filter overflow pump	6	6	12	NOS
Filter clarification tank	2	2	4	NOS
Filter clarifier tank	1	1	2	NOS
Filter overflow tank	2	2	4	NOS
Fine seed tank agitator	2	2	4	NOS
Fine seed disk filter	2	2	4	NOS
Fine seed slurry pump	3	3	6	NOS
Fine seed slurry tank	2	2	4	NOS
Fine seed vent vessel	1	2	3	NOS
Flushing pump	2	2	4	NOS
Ground seed pump	2	2	4	NOS
Ground seed tank	2	2	4	NOS
Liquid ring vacuum pump	8	8	16	NOS
Lift for filter building	1	1	2	NOS
Lobster pot (product)	1	2	3	NOS
Lobster pot (PGL reslurry)	2	2	4	NOS
Lobster pot (fine seed)	2	2	4	NOS
Lobster pot (coarse seed)	2	2	4	NOS
Mill area sump	2	2	4	NOS
Primary cyclone feed dilution pump	3	3	6	NOS
Ppt bottom transfer line flushing pump	1	2	3	NOS
Product tank agitator	2	1	3	NOS
Product deliquoring disk filter	2	2	4	NOS
Product pump	2	2	4	NOS
Product reslurry tank	2	2	4	NOS
Product vent vessel	2	2	4	NOS
Scalping cyclone feed dilution pump	2	2	4	NOS
Seal water pump	2	2	4	NOS
Seal water sump tank	1	1	2	NOS
Security vessel	2	2	4	NOS
Spent liquor pump	3	3	6	NOS
Spent liquor storage tank	1	1	2	NOS
SPL hosing pump for white area	2	2	4	NOS
Sump pump	7	7	14	NOS

		Underflow pump	6	6	12	NOS
		Vacuum seal pot	2	2	4	NOS
		Vacuum vessel	10	10	20	NOS
		Vibrating mill	2	2	4	NOS
		Vibrating mill feed pump	2	2	4	NOS
10	Evaporation (260)	Additional one complete Train	2	2	4	NOS
11	Tank Farm Area (261)	SPL Tank	1	2		NOS
		SEL Tank	1	2	3	NOS
		Agitator for sump tank	1	1	2	NOS
		Condensate flash vessel	1	1	2	NOS
		Contaminated condensate pump	2	2	4	NOS
		Contaminated condensate tank	1	1	2	NOS
		High quality condensate tank	1	1	2	NOS
		High quality reticulation pump	2	2	4	NOS
		Process condensate tank	1	1	2	NOS
		High Quality Process Condensate Pumps	4	4	8	NOS
		Process Condensate Pump	4	4	8	NOS
		SEL pumps	4	4	8	NOS
		Spent Liquor Pumps	6	6	12	NOS
12	Calcination	New Calcination Train	2	2	4	System
13	Red mud filters	3 nos Filters	8	8	16	NOS
14	Lime plant	2 nos pumps and piping	2	2	4	NOS
15	Alumina handling	Third silo along with loading system	2	1	3	System
16	Compressor	Compressor & Its Auxiliaries	3	3	6	NOS
17	Cooling Tower	Alkaline Cooling Tower Pump	8	8	16	NOS
		ACT (Structure)	4	4	8	NOS
		ACT Fan	4	4	8	NOS
		NACT Fan	4	4	8	NOS
		NACT (Structure)	2	3	5	NOS
		Non-Alkaline Cooling Tower Pump	4	4	8	NOS
18	Fire fighting		1	1	2	System
19	Red mud pond area	Pond – B along with One more new Red Mud Filtration Unit				
20	Ash pond area	Dyke Height of the existing pond will be Raised and Ash Pond will be expanded if required on the available land earmarked for the same.				
21	Raw water system (including reservoir)	One more reservoir will be built up				

Major Equipment List for Co-generation Power Plant

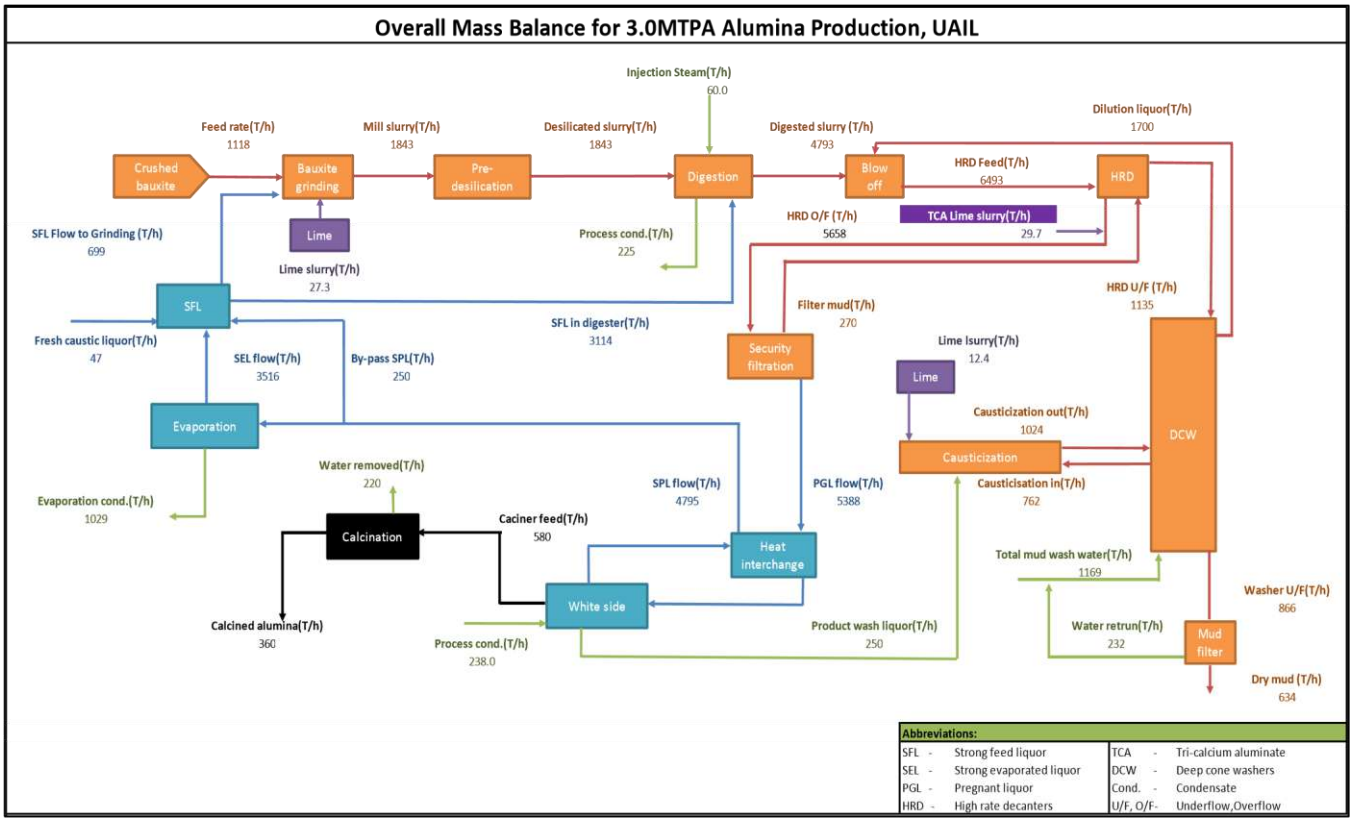
Sl. No.	Name of Equipment / Package	Existing (90 MW)		Proposed (90-150 MW)	
		Capacity	Qty	Capacity	Qty
1	CO-GENERATION POWER PLANT PACKAGE				

	Boiler	300 TPH	3	300 TPH	2
	Turbo Generator	30 MW	3	30 MW	2
	CHP & Wagon tippler	1300 TPH	1	866 TPH	1
	Ash Handling Plant (HCSD Pumps)		2		2
	DM Plant (Steam)	150 m^3	3	150 m^3	2
	ACW, CW Pump & CT Fan	1000x4 m^3/hr 4000x4 m^3/hr 3000x6 m^3/cell	10	1000x4 m^3/hr 4000x4 m^3/hr 3000x6 m^3/cell	6

2.7.6 Mass & Energy Balance

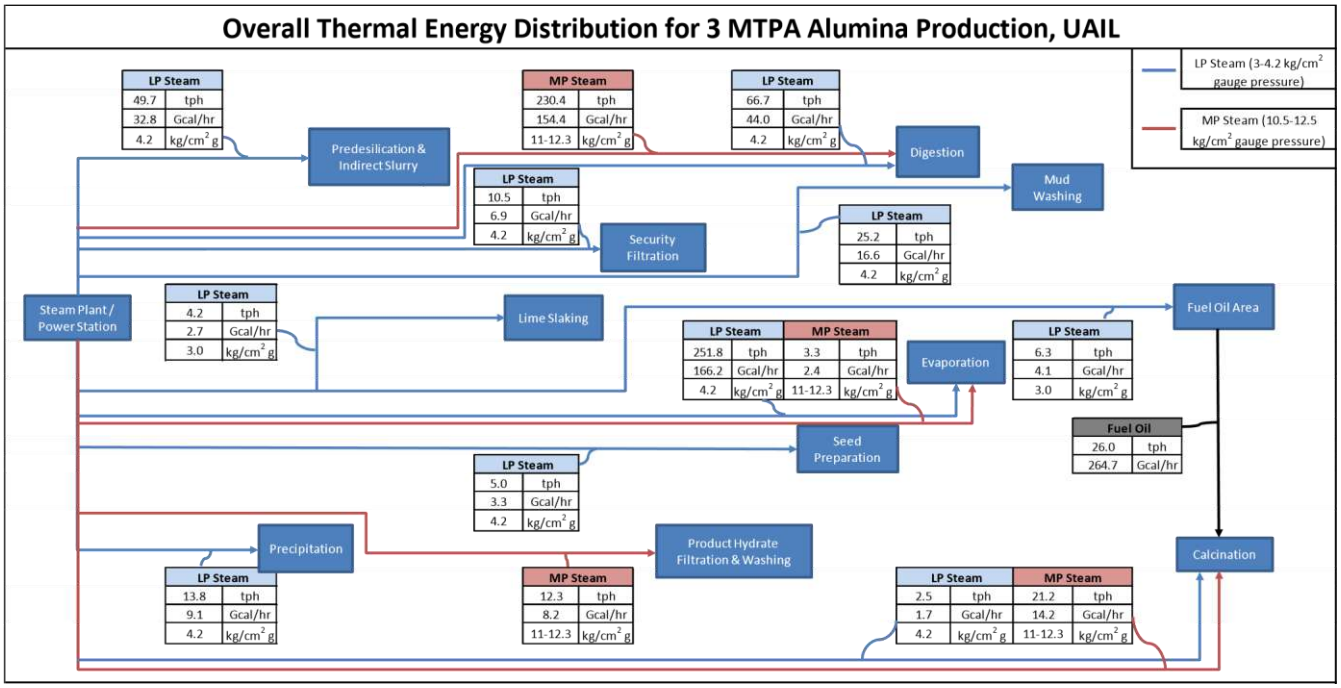
2.7.6.1 Mass Balance

Figure No. 2.4
Mass Balance



2.7.6.2 Energy Balance

Figure No. 2.5
Energy Balance



2.8 Specification of Raw Materials & Fuels

The Typical composition of Raw Materials & Fuels are shown in below tables;

1. **Bauxite**

Source: Bauxite is mined from Baphlimali plateau (~20 km away from refinery)

Bauxite Quality Specifications:

Parameter	Unit	Basis of Design	Acceptable Criteria %
Total Available Alumina	%	42.5	41.0 Min.
Gibbsitic Bauxite	%	37.5	36.0 Min.
Silica (SiO_2)	%	3.3	3.6 Max.
Reactive Silica (SiO_2)	%	2.5	2.8 Max.
Iron Oxide (Fe_2O_3)	%	28.0	30.0 Max.
Titanium Oxide (TiO_2)	%	2.1	3.0 Max.
Loss On Ignition (LOI)	%	23.0	21.0 Min.
Avg. Organic Carbon	%	0.05	0.07 Max.

2. **Caustic Soda (Sodium Hydroxide (NaOH))**

Source: Caustic Soda is imported as well as supplied from ABCIL (Aditya Birla Chemicals India Limited).

Caustic Soda Quality Specifications:

Parameter	Unit	Range
Caustic as NaOH	% w/w	48-51
Carbonates as Na_2CO_3	% w/w	0.7 max
Chlorides as NaCl	mg/kg	1000 max
Sulphates as Na_2SO_4	mg/kg	1000 max
Chlorates	mg/kg	65 max
Iron as Fe_2O_3	mg/kg	5 max

3. **Lime**

Source: Lime is supplied from Jodhpur, Rajasthan.

Lime Quality Specifications:

Parameter	Unit	Range	Limit
Active Calcium Oxide (CaO)	%w/w	77-85	72 min.
Magnesium Oxide (MgO)	%w/w	2-4	4 max.
Silica (SiO_2)	%w/w	2-3	7 max.
Reactive Silica (R.SiO_2)	%w/w	0.5-1.0	1.0 max.
Sulphur Trioxide (SO_3)	%w/w	0.3-0.5	
Unburnt Lime Stone	%w/w		10 max.
Size Distribution	%w/w	100	
+50	%w/w	25-30	
+33	%w/w	45-50	
+25	%w/w	60-65	
+12	%w/w	70-75	
Dust (-2 mm)	%w/w	10	

4. **Furnace Oil**

Source: Furnace Oil is supplied from Hindustan Petroleum Corporation Limited (HPCL) and Indian Oil Corporation Limited (IOCL)

Furnace Oil Quality Specifications:

Parameter	Unit	Range	Limit
Density	Kg/m^3	972	
Flash Point	Degree Celsius	66-84	66 Min.
Kinematic Viscosity	Centi Stokes	136.5-180	180.0 Max.
Sediment	% w/w	0.14-0.25	0.25 Max.
Water content	% v/v	0.2-1.0	1.0 Max.
Sulphur	% w/w	3.6-4.0	4.0 Max.
Gross Calorific Value	Kcal/kg	10100-10200	
Net Calorific Value	Kcal/kg	9500-9600	
Ash Content	% w/w	0.07	0.10 Max.

5. **Coal Source:** IB- Valley (MCL)

Coal Quality Specifications:

Parameter	Unit	Typical Composition Coal
Proximate Analysis		
Moisture	%	9.0
Ash	%	41.5
VM	%	22.7
FC	%	26.8
	Total	100 %
Ultimate Analysis		
C	%	79.34
H	%	5.82
N	%	1.94
S	%	0.5
O	%	12.4
	Total	100 %
GCV	Kcal/Kg	4050

2.9 Specific Consumption of Raw Materials & Fuels:

Table No. 2.3 Specific Consumption of Raw Materials & Fuels

Parameters	UOM	Specific Consumption
Bauxite (9.5% w/w Moisture)	T/T of Alumina	3.11
Caustic Soda (as NaOH)	T/T of Alumina	0.068
Lime (CaO – 70%)	T/T of Alumina	0.030
Flocculant	Kg/T of Alumina	0.45
Furnace Oil	Kg/T of Alumina	0.0697
Coal (4050 Kcal/Kg GCV)	T/T of Alumina	0.048

Note: Specific Consumption of Electric Power is 191 kWh/T.

2.10 Requirement of Raw Materials, Chemicals & Fuels with their Sourcing & Logistics

Table No. 2.4 Requirement of Raw Material, Chemicals & Fuels with their Sourcing & Logistics

Parameters	UOM	1.5 MTPA AR & 90 MW CPP (Existing)	3 MTPA AR & 150 MW CPP (After Expansion)	Source	Mode of Transport
Bauxite (9.5% w/w Moisture)	T	4665000	9330000	Baphlimali Mines	Long Distance Conveyer
Caustic Soda (NaOH)	T	102000	204000	Domestic / Imported	Rail
Lime (CaO – 70%)	T	45000	90000	Katni, Rajasthan / OMC / Vishakhapatnam	Rail
Flocculant	T	675	1350	Nalco / Vishakhapatnam	Road
Furnace Oil	T	105	210	HPCL / IOCL	Rail / Road

Coal (4050 Kcal/Kg GCV)	T	72000	144000	IB-Valley Coalfields	Rail

2.11 Storage & Handling of Raw Materials, Product & other Materials

In the plant various raw materials, intermediate products & final products will be handled and stored. Materials will be in various forms like liquid, powder, solid and the same shall be suitably handled & stored within plant premises, while taking care of its specific properties, nature and stability.

The details of source of materials and transportation details are presented in **Table No. 2.5.**

Table No. 2.5 Storage & Handling of Raw Materials and Product

Material	Source	Transportation	Storage	Capacity
Raw Material				
Bauxite	Baphlimali Mines	Long Distance conveyor	4 X 180000 T	5 weeks
Caustic Soda	Domestic / Imported	BTCS rail wagons	26000 m^3	5 weeks
Lime	Katni, Rajasthan / OMC	Rail wagons	2 silos	10 days
Flocculant	Domestic	Trucks		
Furnace Oil	HPCL / IOCL	BTPN Railway wagons	4 X 2900 m^3	2 weeks
Coal	Domestic	Railway wagons	80000 T	3 weeks
Finish Product				
Alumina	Silos	BTAP rail wagons	3X12,500 T	4 days

Note :

i) One of the major solid waste i.e. Red Mud is conveyed from the Mud Washer in slurry form to Red Mud Filtration Plant and ultimately the dry disposal of Red Mud Cake is done through Belt Conveyor to the Red Mud disposal area in the Red Mud Pond.

ii) The Fly Ash collected in the Ash Silo through pneumatic conveying system is given to the users for Fly Ash utilisation & balance is sent to Fly Ash Pond in slurry form. The Bottom Ash is disposed to the Fly Ash Pond in slurry form.

2.12 Requirement of Water, Source of Supply, Storage & Distribution System

The maximum raw water requirement for 3.0 MTPA Alumina Refinery complex is about 20,000 m^3/day. Therefore, raw water supply system is designed to meet the dry season requirement. The required quantity of water will be drawn from San River near village Kathakal which is about 9.7-km (Aerial) from the Alumina Refinery plant.

A reservoir, inside the plant 1, 40,000 m^3 is existing to meet the water demand. Similar one more reservoir will be constructed for the expanded plant. In order to meet this demand the raw water pump shall be operated in 3 shifts to pump water from the intake point of San River to proposed reservoir or directly to the Alumina Refinery. The raw water received in the reservoirs shall be treated in a water treatment plant and filtered water shall be supplied to various units/areas of the plant.

a) Cooling Tower Make-up Water Pumps:

Cooling tower make up pumps will supply make up water to CT basin to compensate evaporation loss. Two (2) no. of Pumps (1W + 1S) of suitable capacity shall be provided.

b) Service Water Pumps:
Service water pumps will supply water via filtration unit to different process building and other required areas. Two (2) nos of Pumps (1W + 1S) of suitable capacity shall be provided. For continuous supply of service water to different buildings/ facilities one service water overhead tank of adequate capacity will be constructed for continuous supply of service water.

c) Potable Water System:
The Drinking water pumps shall be utilized for filling drinking water overhead tank for Plant area. The drinking water from the overhead tank shall be fed to different buildings/units by gravity through piping network. The tank preferably shall be centrally located catering to the requirements. Considering one (1) day's storage, the capacity of OH tank shall be 50 cum.
Two (2) no. of Potable Water Pumps (1W + 1S) each 25 cum/hr capacity shall be provided. d) Cooling Towers and Circulating Cooling Water Pumps:

Cooling tower of adequate capacity will be considered to cool the hot water return from heat exchangers, compressors etc. Number of cells also would be decided based on requirement of various process equipment. Circulating Cooling Water and Auxiliary Cooling Water pumps of adequate capacity & numbers shall be considered for cooling arrangement.

The raw water is collected in the raw water reservoir at the alumina plant complex. A water treatment plant will be constructed at the alumina plant complex for providing water to meet the filtered water requirement of process and drinking water requirement of the plant as well as township. The treatment loss of water will be about 200 m^3/day. Hence a total of 19,800 m^3/day will be available for the Alumina Refinery and the CPP. The water requirement for different units will be as given in **Table No. 2.6.**

Table No. 2.6 Make up Water Requirement

Sl. No.	Source	Existing Requirement (in m^3/day)	Proposed Requirement (in m^3/day)	Requirement After Expansion (in m^3/day)
1	**Alumina Refinery**			
2	Alkaline Cooling Tower Make up	6000	4000	10000
3	Non - Alkaline Cooling Tower Make up	480	320	800
4	Dust Suppression - Bauxite Storage	60	40	100
5	Consumption at Refinery	**6540**	**4360**	**10900**
1	**Co-Generation Power Plant**			
2	Cooling Tower Make up	2430	1620	4050
3	Process Steam Make up	2220	1480	3700

4	Boiler Blow Down	180	120	300
5	DM Plant Regeneration Back Wash	90	60	150
6	Auxiliary Cooling Tower Make up	180	120	300
7	Consumption at Co Generation Plant	**5100**	**3400**	**8500**
	Domestic use			
1	Colony Domestic uses	180	120	300
2	Plant Domestic uses	60	40	100
3	Domestic Consumption	240	160	400
	Total Make up Water	**11880**	**7920**	**19800**

Note: In the post expansion scenario, the drawl of Surface Water from San River through intake pump house will be @ 22000 m^3/day; out of which about 2000 m^3/day will go to Baphlimali Captive Bauxite Mines and 20,000 m^3/day will enter the Raw Water Treatment Plant; where the treatment loss will be 200 m^3/day. So ultimately 19800 m^3/day of water will be utilized in the plant.

The existing facility is operated on zero discharge philosophy and it is envisaged that, the same concept will be extended for the proposed expansion.

2.13 Approval for sourcing of Water

The total raw water requirement for the Project of 20,000 m^3/day will be met through water resource; for which approval from Department of Water Resources, Govt. of Odisha is available.The copy of **water allocation** from Department of Water Resources and the **agreement** thereof; are enclosed as **Annexure 2.1 & 2.2** respectively.

2.14 Power Requirement & its Approval

Power requirement of the alumina refinery shall be met through a captive cogeneration plant of 150 MW capacity. In addition, Odisha State Grid will also be hooked up for drawing power up to 15 MW, from Jayanagar-Rayagada power transmission line, tapping point near Laxmipur (32 km), in case of any problem in power supply from the in-house co-generation plant for up to 15 MW at 220 KV. Power to mines, township and raw water intake pump-house shall be supplied from 33 KV switch gear at Alumina plant through single circuit 33 KV overhead feeder. 33 KV transmission line to raw water intake pump-house shall be along the 13 km long water pipeline route.

Construction power requirement of the alumina refinery shall be as follows:

Alumina Refinery	:	4.0 MW
Miscellaneous	:	1.0 MW
Total	**:**	**5.0 MW**

Power for the site is proposed to be drawn over a distance of 16 km from Jayanagar- Rayagada power transmission line by providing a tapping point near Laxmipur which is approximately 32

km from the refinery. This power shall also be available at 220 KV. Necessary step down shall be done to supply required power during construction period.

In addition to above, to cater the power needs during the blackout conditions, a centralized Emergency DG set of 5 MW capacity is envisaged in the power plant. Generators shall be connected to grid with a suitable islanding scheme.

2.15 Manpower Requirement (Regular and Contractor)

The present manpower strength is 2500 (i.e. 725 direct employees and 1775 contractual workforce). It is envisaged that during post expansion total manpower requirement will be about 3600 (i.e. 1100 direct employees and about 2500 contractual workforce).The details of man power are presented below.

Table No. 2.7 Man Power Details

Sl. No.	Category	Existing Scenario	Post Expansion Scenario
(i) UAIL Employees (a)			
1	Management	169	220
2	Supervisory	229	280
3	Workmen	327	600
	Total (a)	725	1100
(ii) Contract Employees (b)		1775	2500
	Total (b)	1775	2500
	Grand Total (a+b)	**2500**	**3600**

2.16 Facility-wise Land use Break-up for Existing and Proposed Project

The Government has acquired area of 1069.51 Ha (2642.76Ac.) from 24 villages of Kashipur Tahasil under the provisions of the Land Acquisition Act, 1894 on the requisition made by the Odisha Industrial Infrastructure Development Corporation (IDCO). The IDCO thereafter by virtue of Lease Deeds vested an area of 1069.51 Ha (2642.76 Ac.) with M/s. Utkal Alumina International Ltd. for setting up its industry. Besides, the Government has also made over 488.83 acres of Government land to the M/s. Utkal Alumina International Ltd. for its Alumina Refinery Project and its ancillary facilities.

The details of land requirement for various facilities in Alumina complex are presented in **Table No. 2.8**

Table No. 2.8
Facility-wise Land Use Break-up of the Project Site

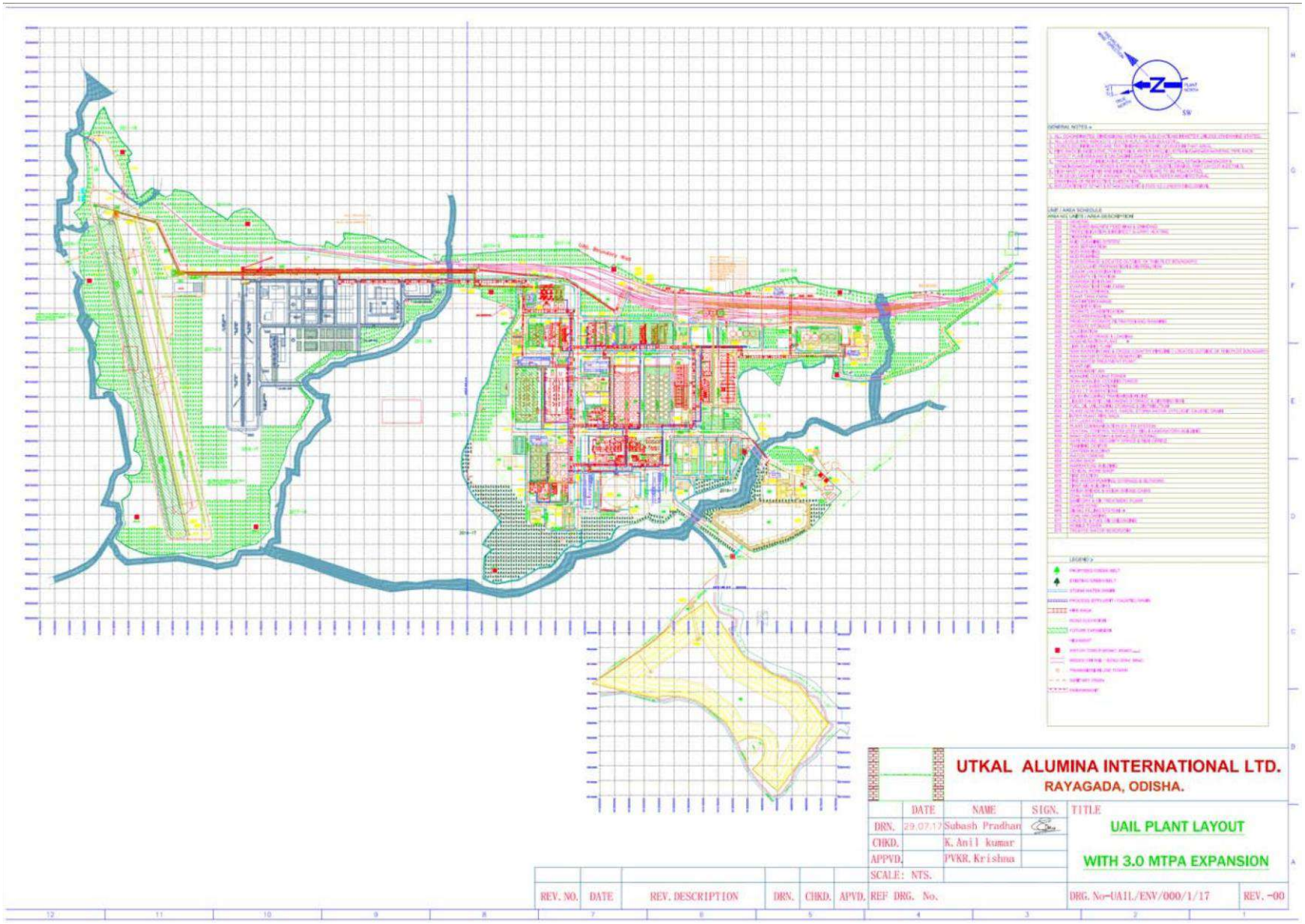
Sl. No.	Facility	Existing Scenario (in Ha)	Scenario for Expansion (in Ha)	Post Expansion Scenario (in Ha)
1	Alumina Plant	61.43	46.51	107.94

2	Co-generation Power Plant	32.08	22.39	54.47
3	Red Mud Disposal Area	131.06	76.74	207.8
4	Township	46.47	0	46.47
5	Railway Corridor	111	0	111
6	Ash Disposal Area	17.58	30.00	47.58
7	Office and Misc. Infrastructure Facilities	25.81	0	25.81
8	Conveyer Corridor	97.52	0	97.52
9	Nursery	3.00	0	3.00
10	Rehabilitation Colony	14.62	0	14.62
11	Greenbelt	334.74	18.56	353.30
12	Vacant Land	194.20	0	0
	Total	1069.51	Utilisation of vacant land	1069.51

2.17 Layout Map Indicating Existing and Proposed facilities along with Greenbelt:

The basic consideration for the layout was the utilization of the existing land as far as possible. UTKAL already acquired sufficient land keeping in view of the proposed expansion also at the time of land acquisition. The proposed expansion to 3.0 MTPA is envisaged at the time of designing the infrastructure for 1.5 MTPA plant itself. The new power boilers of the expansion project come contiguous to the power boilers of 1.5 MTPA plant. The new boilers are envisaged in the western side of 1.5 MTPA plant boilers. Similarly, all the new process units like calcination, precipitation, digestion come contiguous to those units of 1.5 MTPA plant. The storage yards (coal and bauxite) will be common for 1.0 MTPA and 3.0 MTPA plant. Rail/road network, conveyor belt for transportation of bauxite will be common for both plants. The general layout plan of the refinery (after expansion) is presented in **Figure No. 2.6.**

Figure No. 2.6 Layout Plan of the Proposed Plant



2.18 Existing and Proposed Infrastructure Facilities:

The proposed Alumina Refinery at Doraguda shall be self-sufficient and independent in respect of almost all infrastructure and support facilities that are required to operate and maintain a plant of such a magnitude. The various infrastructural & support facilities that are required to be created for the proposed Alumina Refinery are as follows.

- **Rail link**

- **General**

Tikiri will be the serving railway station for the proposed alumina refinery. Suitable number of railway tracks within the alumina refinery are provided to facilitate easy loading/unloading. Utkal Alumina will maintain their own fleet of railway wagons for transportation of alumina and caustic lye and also has procured two numbers of locomotives for in-plant shunting and placement of railway wagons on railway weighbridge. Wagon tippler for coal is provided.

- **Inward and Outward Traffic**

The main raw materials that are proposed to be transported to the proposed refinery are as follows:

- Caustic lye from Vizag
- Fuel oil from Vizag
- Imported Coal from Vizag
- Domestic Coal from various sources
- Miscellaneous items from Vizag Outward traffic shall consist of:
- Alumina to Hirakud (Smelter)/ Lapanga / Mahan/ Renukoot
- Alumina to Vizag (For exports)

- **In-plant Railway**

In order to facilitate easy loading/unloading of materials from railway wagons within the plant boundary, separate railway tracks are already provided for the loading/unloading of following materials:

- Coal (unloading)
- Caustic soda (unloading)
- Fuel oil (unloading)
- Lime (unloading)
- Alumina loading (2 tracks)

In addition to the above tracks, there are separate tracks for main line and engine escape line. Provision are also kept for additional tracks for future requirement.

- **Alumina/Caustic Wagons**

Utkal Alumina maintains a fleet of railway wagons under “Own Your Wagon Scheme” of the Indian Railways. These wagons are being exclusively used for the following purpose:

- Transportation of alumina to Smelter Plants at Hirakud, Lapanga, Mahan & Renukoot

- Transportation of alumina to Vizag port for exports
- Transportation of imported caustic lye from Vizag port to the refinery site at Doraguda.

Considering the transportation time of 4 days between Doraguda and Visakhapatnam it is estimated that Utkal Alumina shall have to maintain a fleet of 792 BTAP railway wagons (including spare wagons for maintenance) for alumina and 62 wagons (including spare wagons for maintenance) for caustic soda transportation. The calculation is based on the following:

- **Alumina:**

Turnaround time from Doraguda to Vizag port is estimated at 3 days. While from Doraguda to other inland smelters locations are estimated to be in the range of 3.1 to 6 days. Considering a total of 3 MTPA alumina to be transported from Doraguda to above mentioned destinations and taking 10% maintains spares the total no. of BTAP (Bogie Tank Alumina Powder) wagons are estimated to be 792 nos. Similarly to above, the total requirement of caustic soda BTCS (Bogie Tank Caustic Soda) wagons is estimated to be 62 nos. including 10% maintenance spares. This is a 100% import of caustic soda at Vizag port.

- **Locomotive**

Within the alumina refinery, all the shunting and placement operations shall be performed by locomotives owned by Utkal Alumina. Two nos. of diesel locomotives has been considered for shunting/placement operations within the refinery. The main shunting/placement operations shall include the following:

- Placement & movement of wagon at coal wagon tippler
- Placement of caustic lye tankers at caustic unloading station
- Placement of fuel oil tankers at fuel oil unloading station
- Placement of alumina wagons for loading below alumina silos
- General movement including receipt of wagon rakes and handling over the same at serving railway station i.e. Tikiri.

- **Railway Weigh Bridge**

An electronic type railway weigh bridge needs to be installed for weighment of incoming and outgoing materials.

- **Wagon Tippler**

A dedicated wagon tippler is in place for unloading coal wagons. The unloaded coal shall be directly sent to the coal storage yard by means of pipe conveyer and belt conveyors.

- **Road Link from SH-3 from Rupkona**

A road link from SH-3 (30 km) from Rupkona is already connected to the alumina plant. In addition to the approach road to the alumina refinery all other necessary road links already

provided to connect mines, red mud/ash disposal area, raw water pump house, township and Tikiri (serving railway station).

- **Road link from Rayagada**

A road link from Rayagada (60 km) through NH-326 via Rupkona is connected to the alumina plant at Doraguda. Nearest Sea port Vizag (250 Kms) is connected via Rayagada by road.

An independent telephone exchange is installed to cater to the requirement of the Refinery Complex. Intercom network serves as the main communication link for the internal communication of the Refinery, Mines and Township. For external linkage STD/fax/email/internet facilities are provided.

2.19 Project Cost

The total project cost comprising plant and machinery, civil works, miscellaneous fixed assets, engineering & pre-operative expenses along with interest and working capital has been estimated as Rs. 5432.00 Crores.

The capital project cost i.e. Rs. 5432 Crores would be incurred for the project. Whereas,

Capital Cost towards Pollution Control Measure - Rs. 255Crores

Recurring Cost towards Pollution Control Measure - Rs. 5.55 Crores /annum respectively post commissioning.

2.20 Costing of Environmental Pollution Measures

M/s Utkal Alumina International Ltd. expects to spend about Rs. 255crores towards the Environmental Pollution Measures as listed below.

Table No. 2.9
Approx., Capital Investment for Environmental Protection

Sl. No.	Particulars	Rs. in Lakhs
I	**AIR POLLUTION CONTROL**	
1	Electrostatic precipitator	10000
2	Chimney	3000
3	Flue Gas Desulphurization System unit for boilers	2000
4	Dust Collector – Bag Filters	500
5	Water Sprayer (Stationary)	200
II	**WATER POLLUTION CONTROL**	
1	Domestic effluent treatment plant	100
2	Industrial ETP	200
3	Storm water drains, Caustic drain	1500
4	Caustic Pond/Guard Pond	300
5	Sewage System	100
6	Ash Pond/Red Mud Pond lining	3000
7	Sump Pit & Pumps	2000
III	**NOISE POLLUTION CONTROL**	200

IV	**ENV. MONITORING AND LAB INSTRUMENTS**	200
V	**OCCUPATIONAL HEALTH & FIRE FIGHTING SYSTEM**	
1	Occupational Health Equipment	100
2	Fire Fighting Equipment & Network System	1500
VI	**GREEN BELT AND PLANTATION**	500
VII	**RAIN WATER HARVESTING**	100
	GRAND TOTAL	**25500**

CHAPTER - 3 DESCRIPTION OF THE ENVIRONMENT

3.0 DESCRIPTION OF THE ENVIRONMENT:

A regional background to the baseline data is being presented at the very outset, which will help in better appreciation of micro-level field data generated on several environmental and

ecological attributes of the study. The physical environment consisting of geology, hydrogeology, micro-meteorology, ambient air quality, water quality, soil quality, noise levels, land use pattern, ecology and socioeconomic profile in the study area.

3.1 Study Area, Study Period, Components & Methodology:

Study Area:

The whole study area is sub-divided in to (a) Core Zone and (b) Buffer Zone. The project site at village Doraguda, Kucheipadar in the district of Rayagada over an area of 1069.51ha is the Core Zone. The Buffer Zone is 10.0 km area beyond the project boundary.

Purpose of the Study:

The purpose of the baseline study is to know the prevailing condition of environment of the project area which consists of air environment, water environment, soil condition, noise and ecology of the surrounding of the project area. So that adverse and /or favorable impact due to the running of project can be added up to get final impact on all round environment.

Study Period:

The baseline data of 10 km radius buffer zone was conducted in the Pre-Monsoon period from **1st March, 2017 to 31st May, 2017.**

Components & Methodology:

The various components of the environmental study of the area like geological and hydrogeological setting; topography and drainage; meteorology, quality of air, water (Surface & Ground), flora, fauna and socio-economic status have been described in this chapter. The present chapter deals with the recent environmental condition of the area based on the primary & secondary data.

Selection of Sampling Locations:

The baseline status of the ambient air quality has been assessed through a scientifically designed ambient air quality-monitoring network. The design of monitoring network in the air quality surveillance program has been based on the following considerations:

- Meteorological conditions on synoptic basis;
- Topography of the study area;
- Representatives of regional background air quality for obtaining baseline status
- Representatives of likely impact areas.

Ambient Air Quality Monitoring (AAQM) Stations were set up at eleven locations based on CPCB guidelines.

Similarly monitoring stations for Surface Water, Ground Water, Noise & Soil were determined strategically on the basis of environmental sensitivity.

3.2 Environmental Features of the Study Area:

The site is located at Doraguda, district of Rayagada in the state of Odisha. The geographical location of the project site is Latitude 19° 11' 23" N and Longitude 83° 01' 43" E. The nearest NH-326 is at a distance of 30 km from North West direction of the project site. The nearest railway station Tikri is at distance of 07 km from East-South East of the site.

The study area consisting of core zone (project site) and Buffer Zone 10km around the project site is covered under Survey of India Topo Sheet nos. E44 E/15, E44 E/16, E44 F/3 and E44 F/4.

The area is mostly hilly with undulating surface. The general slope of the area is towards west and the drainage lead towards Indravati River through its tributaries such as San Nadi and Barha Nadi.

The Core Zone consists of Plant Area, Red Mud Pond Area & Ash Pond Area. The elevation of the Plant Area varies from 800m to 823m AMSL. The Red Mud Pond is located at 3.5 km. from plant site in the Northern direction; and the elevation of the Red Mud Pond area varies from 778m to 826m AMSL. The Ash Pond is located at a distance of 3 km. form the plant site in the North East direction; and the elevation of the Ash Pond Area varies from 862m to 890m AMSL. The elevation of the Buffer Zone varies from 700m to 1200m AMSL.

The Topo Map, Vicinity Map, Land Use Land Cover (LULC) Map, Terrain Map- Google Earth Map of the project site, Site Photographs are given in Figure No. 3.1 to 3.6 respectively. Land Use Land Cover of the study area is given at **Table No. 3.1.**

Figure No.3.1 Topographical Map of the Study Area

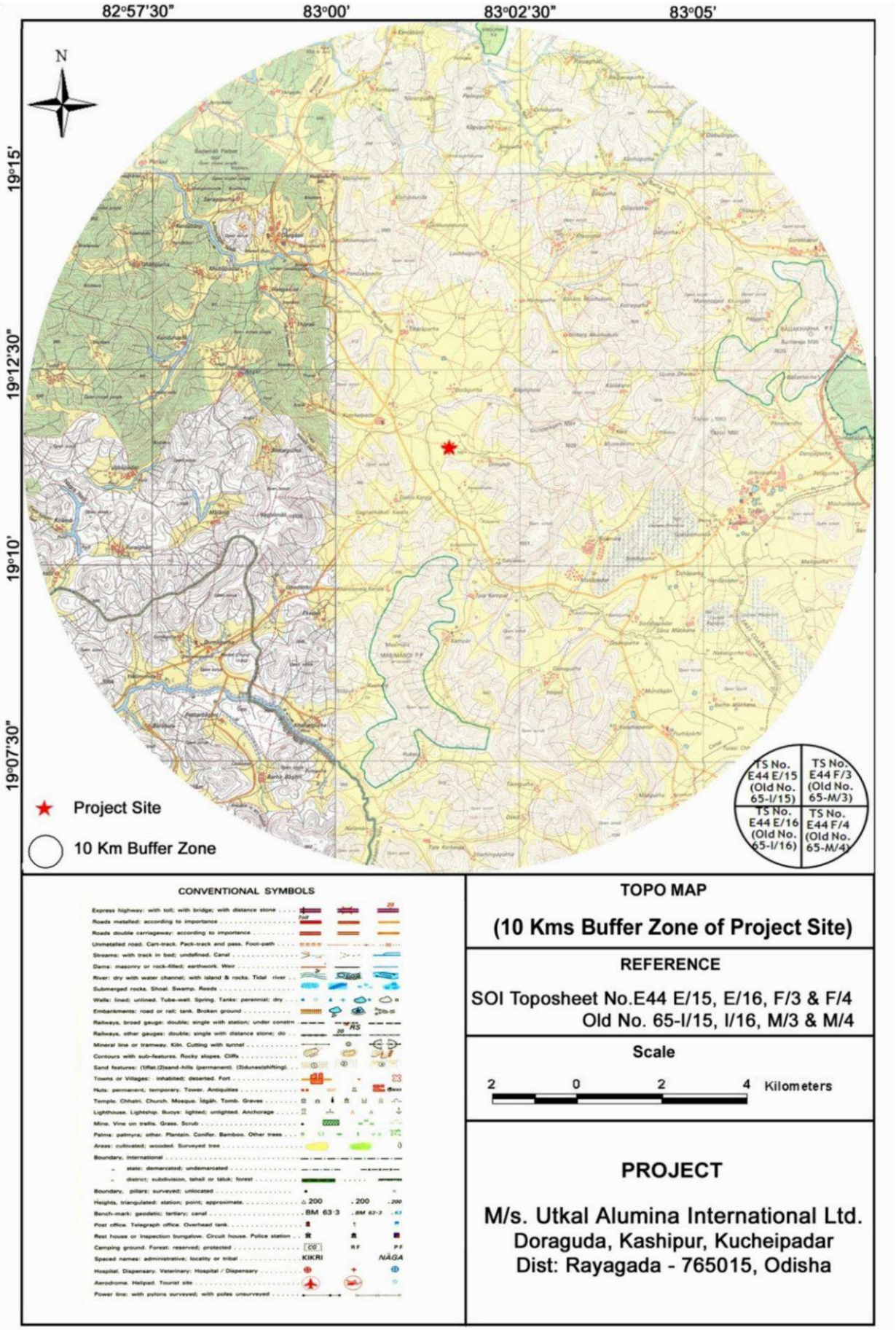

82°57'30"
83°00'
83°02'30"
83°05'
19°15'
19°12'30"
19°10'
19°07'30"
N
Project Site
10 Km Buffer Zone
TS No. E44 E/15 (Old No. 65-I/15)
TS No. E44 F/3 (Old No. 65-M/3)
TS No. E44 E/16 (Old No. 65-I/16)
TS No. E44 F/4 (Old No. 65-M/4)
CONVENTIONAL SYMBOLS
TOPO MAP
(10 Kms Buffer Zone of Project Site)
REFERENCE
SOI Toposheet No.E44 E/15, E/16, F/3 & F/4
Old No. 65-I/15, I/16, M/3 & M/4
Scale
2 0 2 4 Kilometers
PROJECT
M/s. Utkal Alumina International Ltd.
Doraguda, Kashipur, Kucheipadar
Dist: Rayagada - 765015, Odisha

Figure No.3.2 Vicinity Map of the Study Area

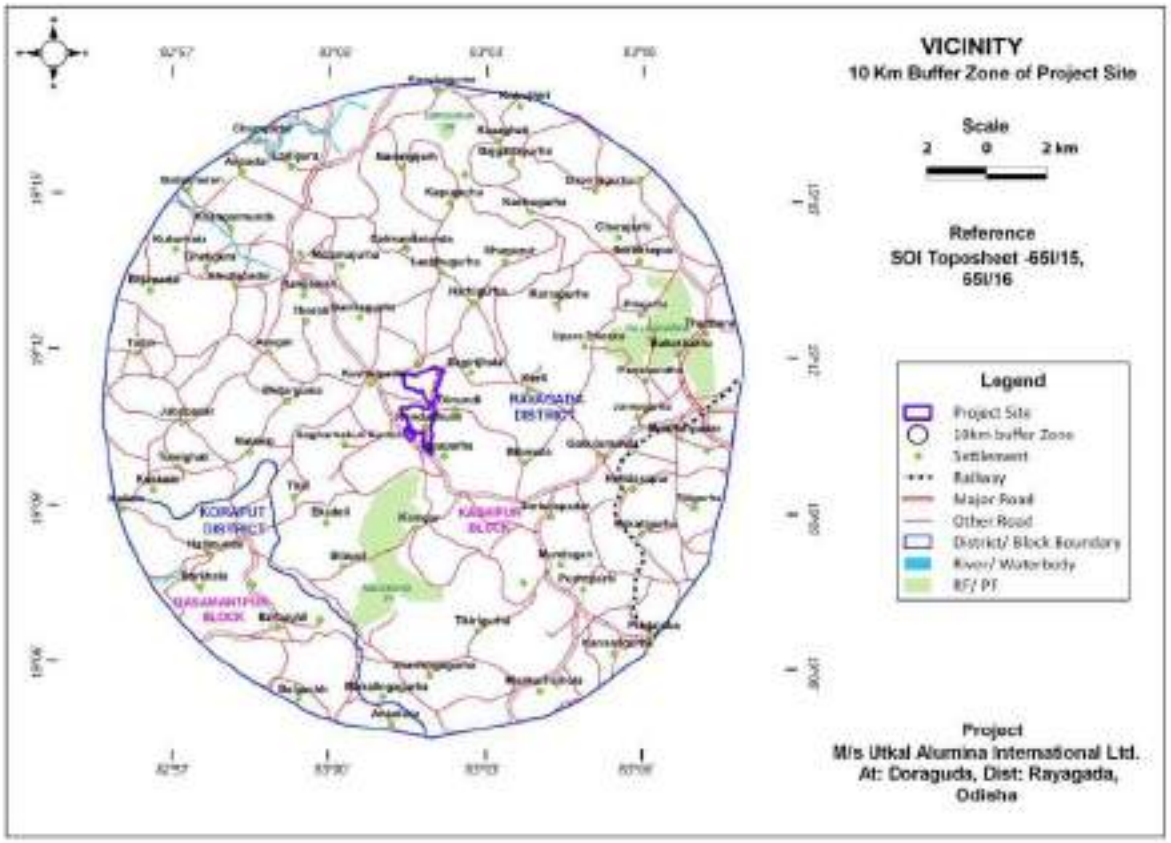


Fig No. 3.3
Land Use Land Cover Map of the Study Area

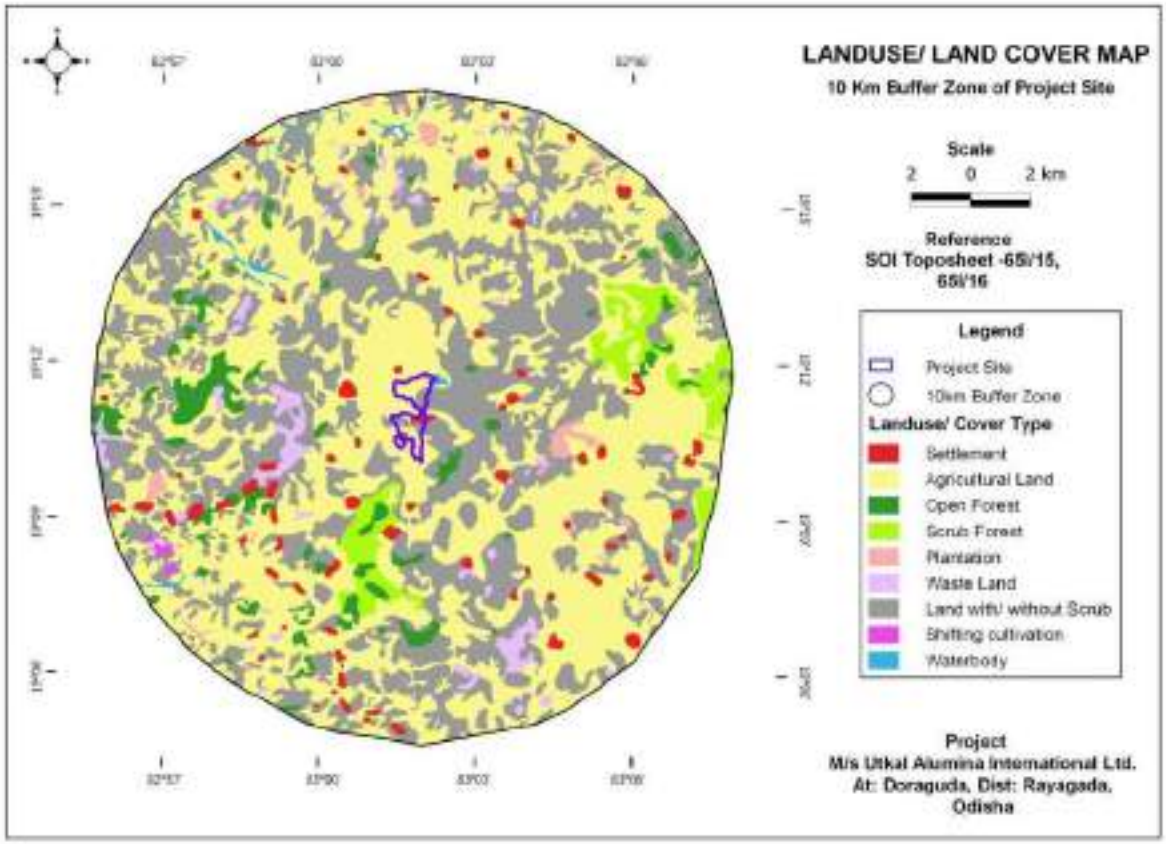


Table No. 3.1 Land Use Land Cover of the Study Area

Land use Categorized	Area (in km^2)	Percentage wise Break-Up (in %)
Agricultural Land	145.569	46.3
Plantation	3.245	1.0
Open Forest	13.167	4.2
Scrub forest	10.309	3.3
Settlement	9.894	3.1
Land with/without scrub	122.112	38.9
Shifting cultivation	0.498	0.2
waste Land	8.251	2.6
Waterbody	1.051	0.3
Total	**314.096**	**100.0**

Figure No. 3.4 Terrain Map of the Study Area

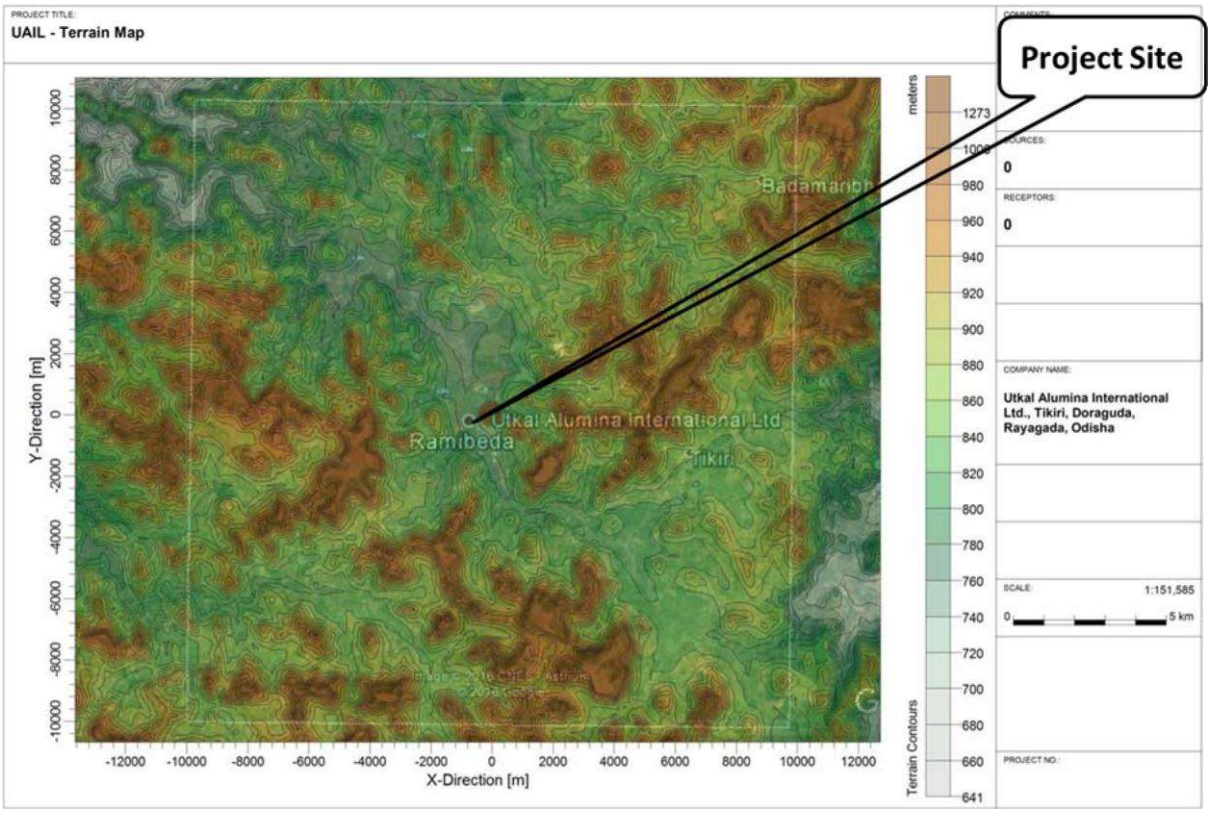


Figure No.3.5
Google Earth Map of the Project Site


Google Earth

Figure No.3.5 (A)
Google Earth Map of the Plant Area



Figure No.3.5 (B) Google Earth Map of the Red Mud Pond



Figure No.3.5 (C) Google Earth Map of the Ash Pond



Figure No.3.6
Plant Photographs

Bauxite Handling

Red Area

White Area


Calcination



Alumina Handling



Captive Power Plant



3.2.1 Drainage Pattern:

Existing Catchments, Surface Water Bodies and Hydrology:

There is no major river in the study area except two small rivers i.e. San Nadi and Barha Nadi. San Nadi is located at a distance of 9.7km in the Northern direction from the project site. The Barha Nadi not only located within 1 km of the project site but also passes through the South boundary and exits from the Western boundary.

These two rivers are tributaries of River Indravati which is located beyond the study area at a distance of 21kms from the project site.

The flow rate of these two rivers were recorded and the data is given in the **Table No. 3.1A.**

Table No. 3.1A Catchment Area and Flow

Sl. No.	Stream	Location	Catchment Area in Km^2	Mean Non monsoon Flow (m^3/sec)
1	San Nadi	Kathakal	194	1.751
2	San Nadi	Panjara	302	2.726
3	Barha Nadi	Nuapada(Construction site)	95	0.857
4	Barha Nadi	Dongasil (Parndakapadar)	117.5	1.061

Source: In-house data of UAIL.

The bed level of Barha Nadi varies from 784m to 786m near the project area. The elevation of project area varies from 804m to 820m. The HFL of this river never exceeded 3m (i.e. 789 AMSL) and no occurrence of flood observed since last 30 years at the site. Hence, there is no possibility of flood water of river entering into project site. Again flow rate of this river is very low as can be seen from the table given above. The project site does not fall on polluted stretch as per the list of CPCB.

Based on preliminary analysis, it was noted that the flow gradually decreases from January to April touching the lowest value during April and start increasing from May. The water potential of San Nadi is 5 to 6 times more than that of the Barha Nadi. The index map showing San Nadi and Barha Nadi is given at **Figure No. 3.7** & the drainage map of the study area is given at **Figure No. 3.8.**

Figure No. 3.7 Index Map Showing San Nadi and Barha Nadi

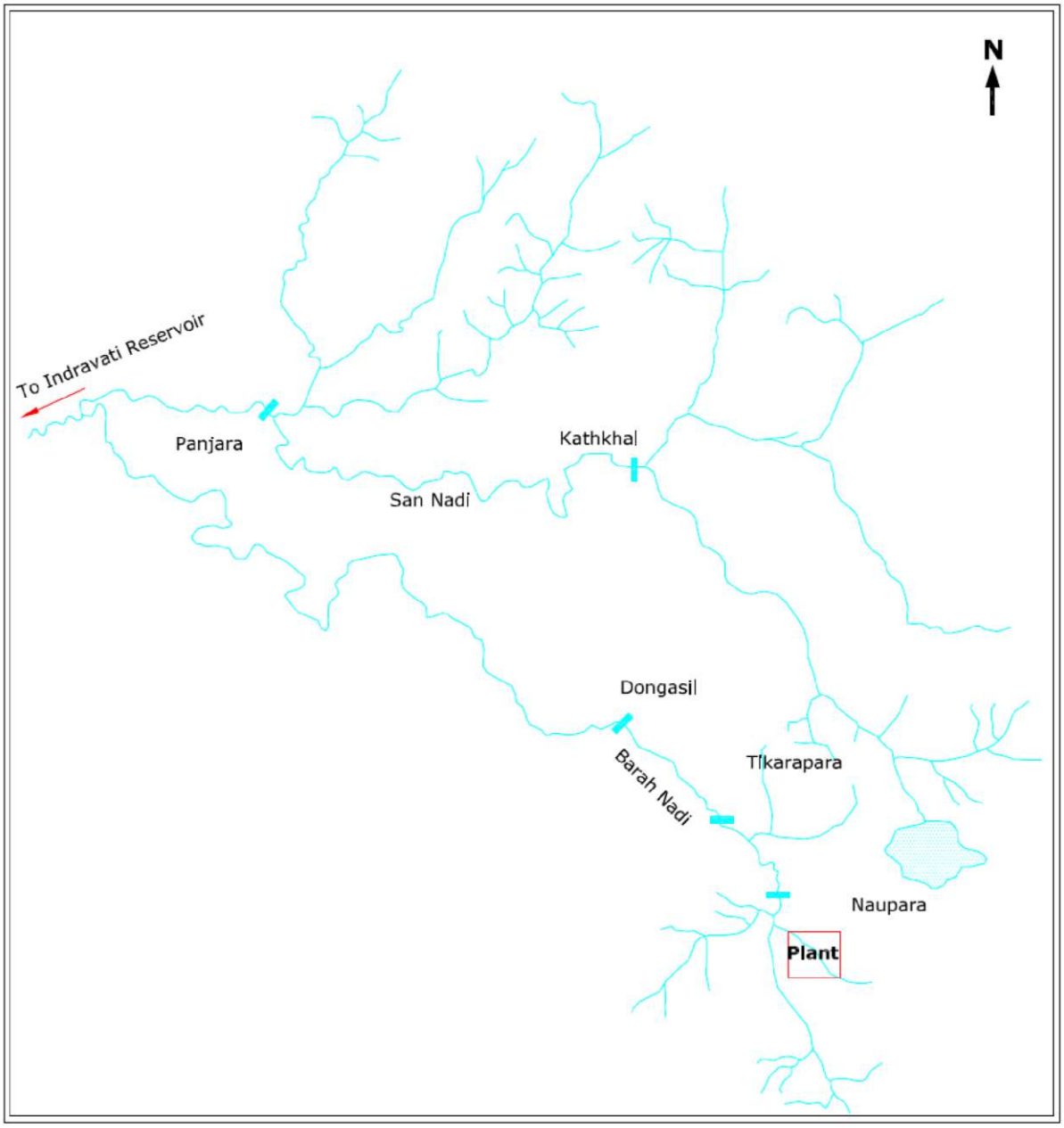
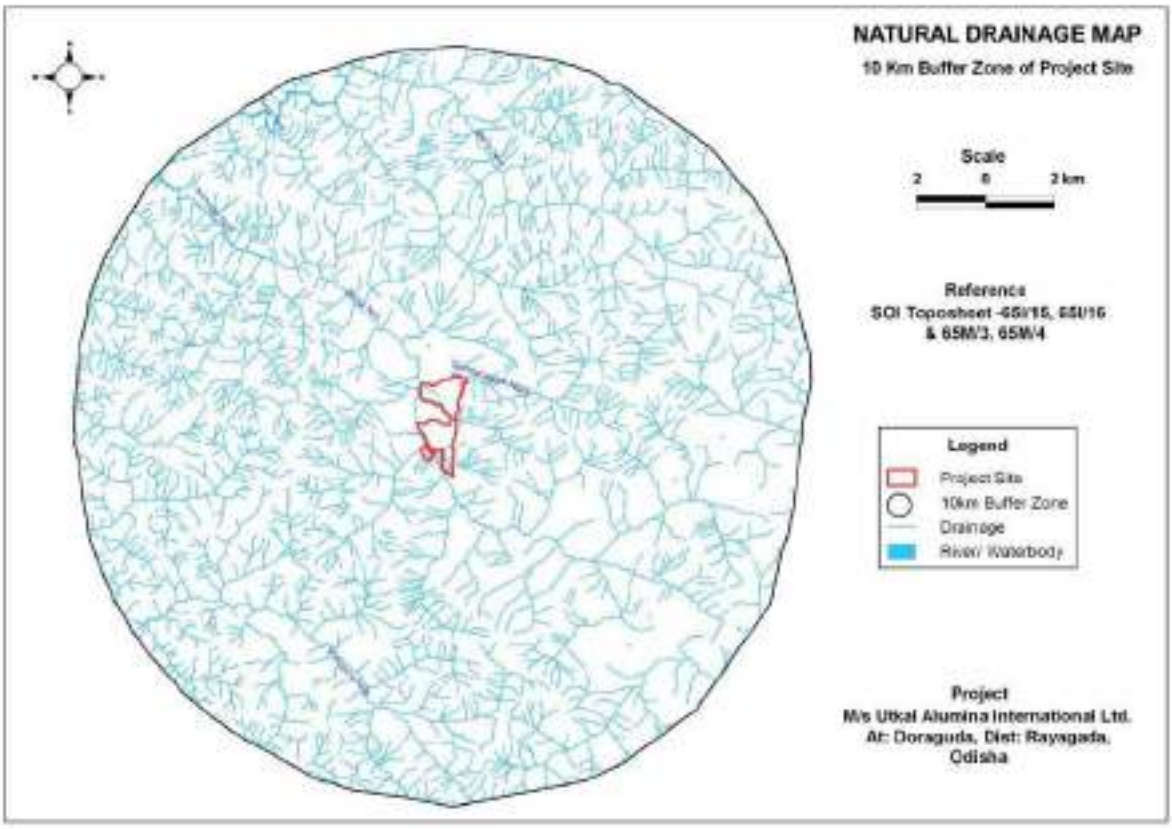

N
To Indravati Reservoir
Panjara
San Nadi
Kathkhal
Dongasil
Barah Nadi
Tikarapara
Naupara
Plant

Figure No. 3.8 Drainage Map of the Study Area



3.2.2 Other Industries in the Study Area:

There is no other Industries existing within 10 km radius of the project site.

3.2.3 Eco-sensitive Area & Environmentally Sensitive Place:

There is no National Park, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals neither in the Core Zone nor in the Buffer Zone (within 10 km aerial distance from the site). However, there are four nos. of Reserved Forests (RFs) [Sirigurha (8.8 Kms – N), Balia Kharha (6.4 Kms – ENE), Leliguma (9 kms – ENE), Titigurha (10 kms – ESE)] & one Protected Forest (PFs) [Masimandi (2.5 kms- S)] within the Buffer Zone.

3.3 Salient Features in and around Project Site:

3.3.1 Details of Project Site :

Sl. No.	Particulars	Details
1.	Latitude & Longitude of Centre point of the Site	Latitude: 19º 11' 23" - North Longitude: 83º 01' 43" - East
2.	North West Corner	Latitude: 19º 12' 2.394" – North Longitude: 83º 01' 19.65" – East
3.	North East Corner	Latitude: 19º 12' 8.532" – North Longitude: 83º 01' 57.1764" - East

Sl. No.	Particulars	Details
4.	South West Corner	Latitude: 19° 10' 44.576" – North Longitude: 83° 01' 26.0364" - East
5.	South East Corner	Latitude: 19° 10' 31.5408" – North Longitude: 83° 01' 52.6476" - East
6.	Elevation above Mean Sea Level	800m to 823m
7.	Climatic conditions	

Summary of the Met Data (Temperature & Humidity) Recorded at Site

Month	Temperature (°C)		Relative Humidity (%)	
	Max	Min	Max	Min
March' 2017	30.6	16.8	73	34
April' 2017	31.6	26.0	62	33
May' 2017	33.2	25.2	70	39

Summary of the Met Data (Rainfall & Cloud Cover) Recorded at Site

Month	Rainfall (mm)	Cloud Cover (Oktas)	
		Min	Max
March' 2017	5.00	0/8	2/8
April' 2017	2.75	0/8	1/8
May' 2017	41.75	0/8	4/8

3.3.2 Details around the Project Site :

1.	Nearest Highway	National Highway 326 (30-km, NW)
2.	Nearest Railway Station	Tikri RS (7.0-km, ESE)
3.	Nearest Airport	Visakhapatnam (250-km, S)
4.	Nearest Port	Visakhapatnam (250-km, S)
5.	Nearest major habitation	Tikri (7.0-km, ESE) Kashipur (20.5-km, NE)
6.	Nearest major town	Rayagada (60-km, SE)
7.	Defense Installations	Nil in 10-km radius
8.	Historically Important Places	Nil in 10-km radius
9.	Rivers/streams in 10-km radius	San River (9.7-km, NW) Barha Nadi adjacent to the site.
10.	Major Dams and barrages	Nil in 10-km radius
11.	Major other Industries	Nil in 10-km radius
12.	Survey of India Topo sheet covering the plant and surroundings	E44 E/15, E44 E/16, E44 F/3 and E44 F/4.
13.	Seismic zone	Zone-II

3.3.3 Status of Land Acquisition and Category-wise Land Use Break-up :

M/s. UAIL has already acquired total land area of 2642.76 Acres (1069.51 Ha.) in which the existing plant is located. No additional land is required for the proposed expansion. The details of Category-Wise Land Use Break-Up of the project site are given in **Table No. 3.2. Table No.3.2**

Category-wise Land Use Break-up of the Project Site

Sl. No.	Description	Area (in Ha)	% of Total Land	Remarks
1	Forest Land	104.335	9.755	
2	Revenue Non-forest Land	164.391	15.371	
3	Private Land	800.784	74.874	
4	Agriculture Land	Nil	0	
5	Waste Land	Nil	0	
6	Water Bodies	Nil	0	
7	Settlements	Nil	0	
	Total	**1069.51**	**100**	

As forest land is involved for the project Site Specific Conservation Plan & Wildlife Management Plan has been prepared and approved which is given in **Annexure- 3.1.**

3.4 Geology and Hydro-Geology of the Study Area:

3.4.1 Geology of the Study Area:

Regional Geology:

The lateralization of the east coast bauxite deposits was developed at the expense of gneisses and schist. The dominant rock assemblage in the region, comprise khondalites (quartz-garnetpotash-feldspar-sillimanite gneisses with or without graphite) and its variants. These are high grade met sediments of argillaceous, arenaceous and calcareous nature. The other group includes charnockites (hypersthene-diopside granulites) and its equivalents, porphyritic granite gneisses etc. of Precambrian age. The general stratigraphic succession is as follows:

Recent alluvium and soil	Recent
Ferruginous and aluminous laterite and bauxite (on hill tops)	Tertiary
----------Unconformity----------	

Garnetiferous porphyritic granodiorite and gneiss with later leuco-granite (Charnockite suite)	Precambrian
Garnetiferous quartzite, graphite sillimanite - garnet B quartz gneiss (Khondalite suite)	

3.4.2 Hydro-Geological Study of the Area:

The Upper Indravati basin experiences an average annual rainfall of 1568 mm, which is spread over a period of 90 days from June to October.

3.4.3 Ground Water Level:

The hydro-geological units of the Rayagada district are broadly categorized into three groups namely:

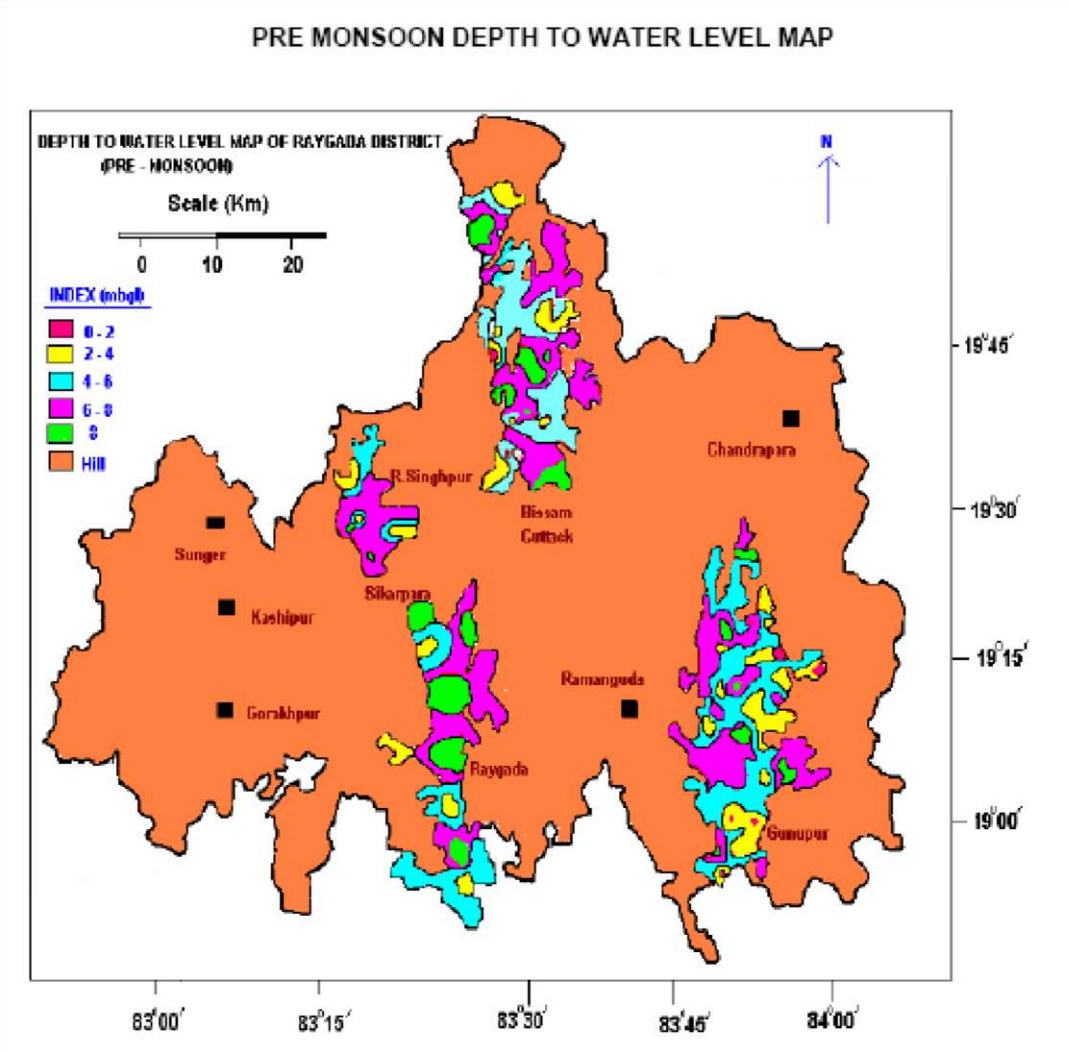
A. Consolidated formations.
B. Semi Consolidated formations
C. Unconsolidated formations

In Consolidated formations the open wells generally range from 7.3m to 8.5m at project site. The depth to water table during pre-monsoon season is between 9.7 m to 11.0 m below ground level and during post-monsoon season between 8.5 m to 10.0 m below ground level.

3.4.4 Pre-monsoon Ground to Water Level:

The Pre monsoon water level varies from 5.05 mbgl to 10.99 mbgl. The shallow water level was measured from Padampur and the deepest water level was measured at Kashipur. The depth to water level map of pre –monsoon is displayed in **Figure No. 3.9.**

Figure No. 3.9

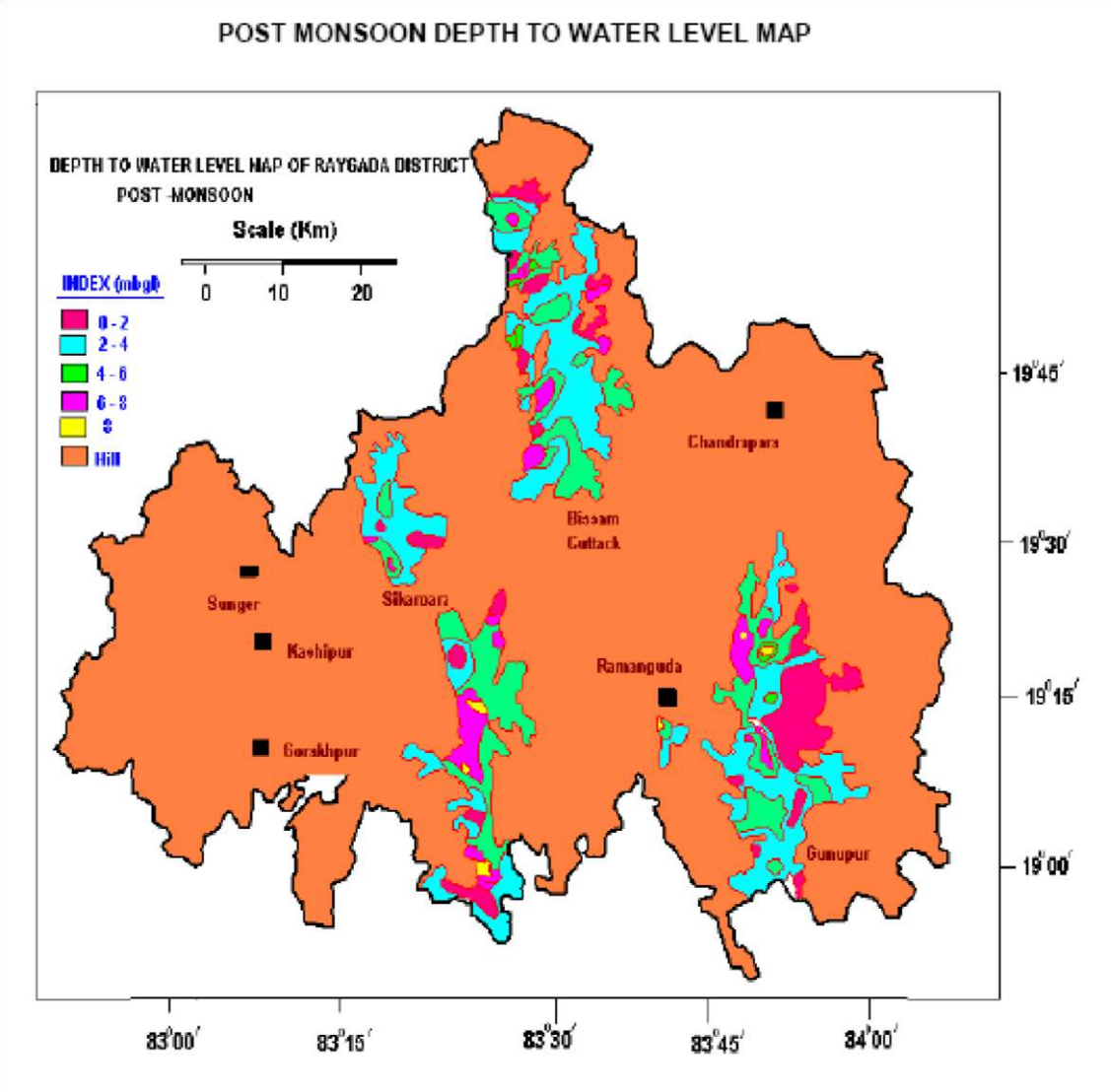


Source: Ground Water Information Booklet, Rayagada District, Published by CGWB, Bhubaneswar.

3.4.5 Post monsoon Depth to Water Level:

The depth to water level data of Post-monsoon represents 1.14 mbgl to 11.62 mbgl. The Gunupur shows deepest water level and Rayagada shows shallowest one. **Figure No. 3.10** represents depth to water level map of post –monsoon.

Figure No. 3.10



Source: Ground Water Information Booklet, Rayagada District, Published by CGWB, Bhubaneswar.

3.4.6 Water Level Fluctuation:

Seasonal Fluctuation:

The fluctuation of depth to water level shows rise in water level from 2.95 to 7.37 mbgl in all the National Hydrograph Stations wells.

Long Term Water Level Trend in Last 10 years in Ground Water Monitoring wells:

The long term trend (10 years) in water level for the **pre-monsoon** shows rise of 0-2m in 53.8% of wells and 2-4 m rise in 7.7% of wells in Rayagada district. It represents 30.7% of wells fall between 0-2 m and 7.7% fall between 2-4 m.

The long term trend of (10 years) in water level for post monsoon season shows rise in water level for 0-2m in 58.8% of wells and 2-4 m rise in 11.8% wells in the district only 29.4 % wells show fall between 0-2 m.

3.4.7 Consolidated Formations:

Major water bearing formation in Rayagada district is Weathered and Fractured Crystalline Rocks. The weathered and fractured granites, granite gneisses and their variants, khondalites, charnockites etc. are the most predominant rock types in the district. These are characterized by development of secondary porosity. The secondary porosity in the consolidated formations developed as a result of weathering and fracturing due to major and minor tectonic movements from the conduits for movement of groundwater as also act as reservoir of groundwater. This fractured and jointed rocks when interconnected form potential aquifers, which sustain limited to moderate yield.

3.4.8 Structure:

The granite and granite gneisses with leaching out of kaolinised clay these rocks on weathering reduce to porous granular materials. The thickness of weathered mantle is an average 10 m.

The weathered as also fractured and fissures intersecting system of granite gneisses in topographic lows form potential aquifers. It is in these hydro-geologically favourable locales that groundwater structures are successful and well yields are relatively high. The yield of the wells depends upon the thickness of the saturated zone as also number of fractures tapped.

3.4.9 Aquifer Characteristics:

In the hard crystalline rock recharge of ground water from precipitation or seepage from surface water bodies percolate into the weathered (saprolite) zone. In case the underlying basement rocks (both weathered and fresh) are incised by open fractures, the downward movement of the water from the upper regolith zone (comprising the top soil and saprolite horizon) is facilitated.

In the saprolite/regolith horizon ground water generally occurs under unconfined condition where as is the fractured bedrock aquifers it occurs under semi-confined to confined conditions. The ground water potentials of various zones i.e. saprolite (tapped by dug wells), weathered basement rock and shallow fractured basement rock horizon (tapped by the hand pumps) and deeper fractured basement rock (tapped by the deep boreholes by CGWB) vary considerably depending upon their lithological and structural characteristics. Perusal of all result indicates that granite gneiss forms the most potential aquifer both in shallow and deeper horizons followed by Khondalite. In Lateites the specific capacity Index of dug wells vary from 2.32-to 10.27- lpm/m^2. In limited extant the alluvium forms potential shallow aquifers.

3.4.10 Assessment of Ground Water Resources:

The block wise computation of ground water resources in the district has been presented in Table 4.3. The Annual replenish able ground water resources in the district are computed as 628.83 MCM, out of which the existing Ground Water Draft for irrigation is 46.9 MCM. The ground water draft for irrigation is through dug wells and shallow tube wells.

A large number of hand pumps fitted in PHED bore wells and tube wells also cater to the rural and urban water supply needs. So far ground water development in the district has been

meagre, and all the blocks fall under the safe category. The stage of ground water development varies from 8.57% to 25.78% in different blocks. The overall Stage of
Groundwater development of the district is 14.44%.

3.4.11 Prospect of Ground Water Development:

Ground water development in the district is mainly through dug wells, Dug-cum-bore wells and bore wells. Ground water is mainly used for domestic and lift irrigation purpose and in limited scale for industrial purposes. The stage of development of Ground Water in the district is low. So far only 12.74% of its resources has been exploited.

Dug wells: The wells may be sited in the topographic lows and should tap the maximum saturated thickness of the weathered zone. The depth of the dug wells may vary from 9 to 12m with 4.5m to 6m diameter. The wells may be fitted with 1.5 to 2 H.P. centrifugal pumps.
The wells may sustain yield maximum up to 3 lps.

Dug-cum-bore wells: Dug-cum-bore wells may drilled down to a depth of 25 to 30m below ground level, tapping the saturated shallow fracture below the regolith and in top portion of the hard basement. The wells should be fitted with 2 H.P. centrifugal / submersible pumps may sustain yield up to 3 lps.

Bore wells: Bore wells may tap the deeper saturated fractures found to occur in the depth range of 100 to 120m. The bore wells should be 100 to 150mm. diameter and may be fitted with submersible pumps of 2 to 2.5H.P. capacities. The wells drilled in the vicinity of NNWSSE and NE-SW trending lineaments are likely to be successful which has been established based on exploratory drilling by CGWB in the Western and Southern tracts of the district. The suitable sites for drilling may be selected in the district with the aid of Remote Sensing studies, Surface Geological, hydro-geological and Geophysical surveys.

Shallow tube well: These structures are feasible in the blocks of Gudari, Gunupur, Padampur, Kolnara, Ramanguda and Rayagada in the flood plain deposits of the Vamsadhara and Nagavalli rivers. The depth of the tube well are within 50 m. Since the surface water resources are inadequate and the district often comes under the grip of drought, development of ground water resources may help in expanding irrigated agriculture in the district. An optimal utilisation of ground water in the district requires adoption of a suitable cropping pattern and energisation of the wells.

The existing irrigation facilities of the district are inadequate to meet the requirement of agricultural production. There is large scope for groundwater development by sinking open wells, dug cum bore wells, bore wells and tube wells as hydro-geologically feasible areas.

Artificial Recharge & Rainwater Harvesting:

Although Rayagada district does not represents drastic fall of depth to water level then also there are scope for implementing artificial recharge structure and rainwater harvesting

structures here. The district shows rugged terrain where there is high surface run off in comparison to the rate of infiltration. The ground water resource can be augmented through adoption of artificial recharge techniques like construction of sub surface dykes, percolation tank, gully plugging etc.

3.5 Environmental Base Line Status:

3.5.1 Meteorological Data:

The meteorological data recorded during the study period is very useful for proper interpretation of the baseline information as well as for input in modeling. Historical data on meteorological parameters will also play an important role in identifying the general meteorological pattern of the region.

On site monitoring was undertaken for various meteorological variables in order to record the site-specific data. Data was recorded continuously from **1st March 2017** to **31st May 2017** covering **Pre-monsoon Season**.

The wind speed and wind direction were recorded at 8.30 am & 5.30 pm of each day, which are presented in **Table No. 3.5.** The maximum and minimum values for Temperature, Humidity and the summary of the Met Data (Rainfall & Cloud Cover) are presented in **Table No. 3.3** &**Table No. 3.4** respectively.

Table No. 3.3
Summary of the Met Data (Temperature & Humidity) Recorded at Site

Month	Temperature (^{0}C)		Relative Humidity (%)	
	Max	Min	Max	Min
March' 2017	30.6	16.8	73	34
April' 2017	31.6	26.0	62	33
May' 2017	33.2	25.2	70	39

Table No. 3.4
Summary of the Met Data (Rainfall & Cloud Cover) Recorded at Site

Month	Rainfall (mm)	Cloud Cover (Oktas)	
		Min	Max
March' 2017	5.00	0/8	2/8
April' 2017	2.75	0/8	1/8
May' 2017	41.75	0/8	4/8

The summary of the wind pattern for Pre-monsoon Season is given in **Table No. 3.8.** The Sitespecific wind rose and graphical presentation of the same is shown in **Figure No. 3.11, 3.12, 3.13(A) & 3.13(B)** respectively.

Table No. 3.5 Summary of Wind Pattern in Study Area

Season	First Predominant Wind Direction	Second Predominant Wind Direction	Predominant Wind Speeds (m/sec)	Calm
Pre-Monsoon (2017)	SW (15%)	SSW (14%)	0.5-2.1	3.31%

Figure No. 3.11 Site Specific Wind Rose

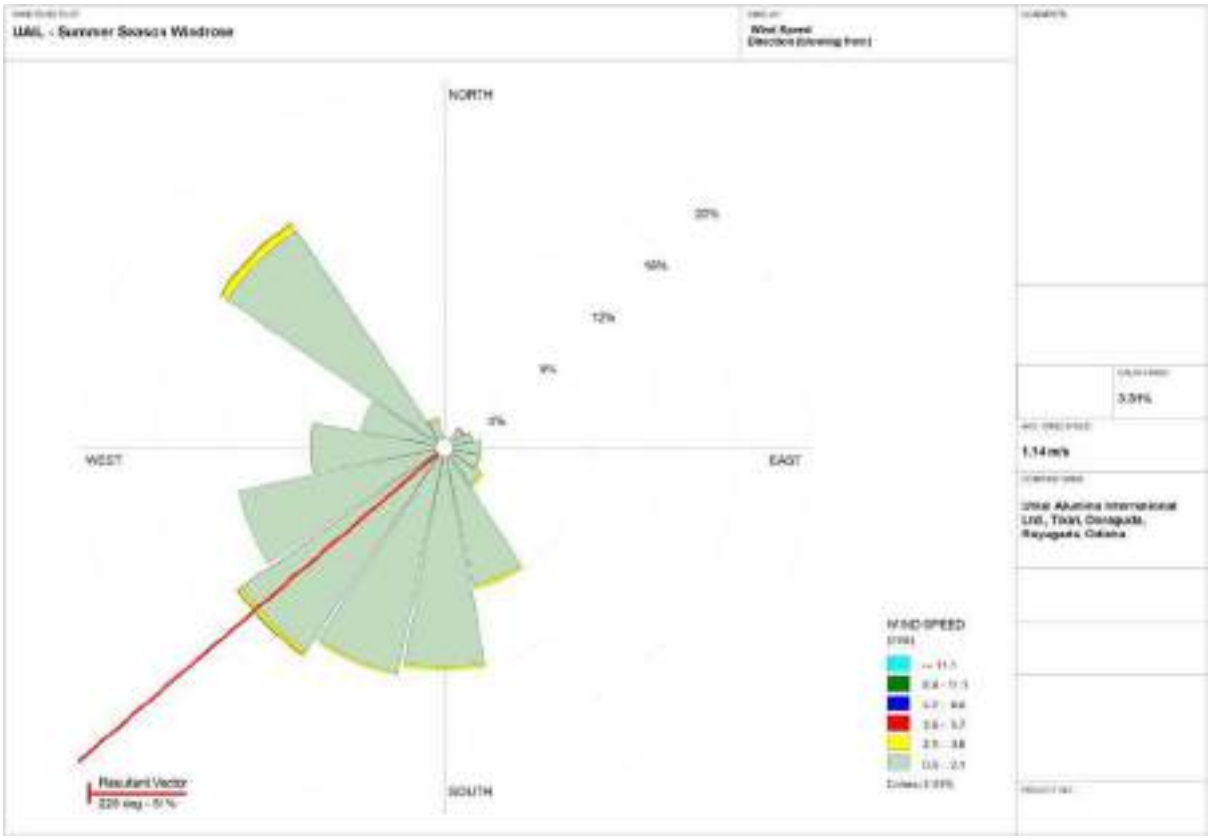


Figure No. 3.12 Stability Class Diagram

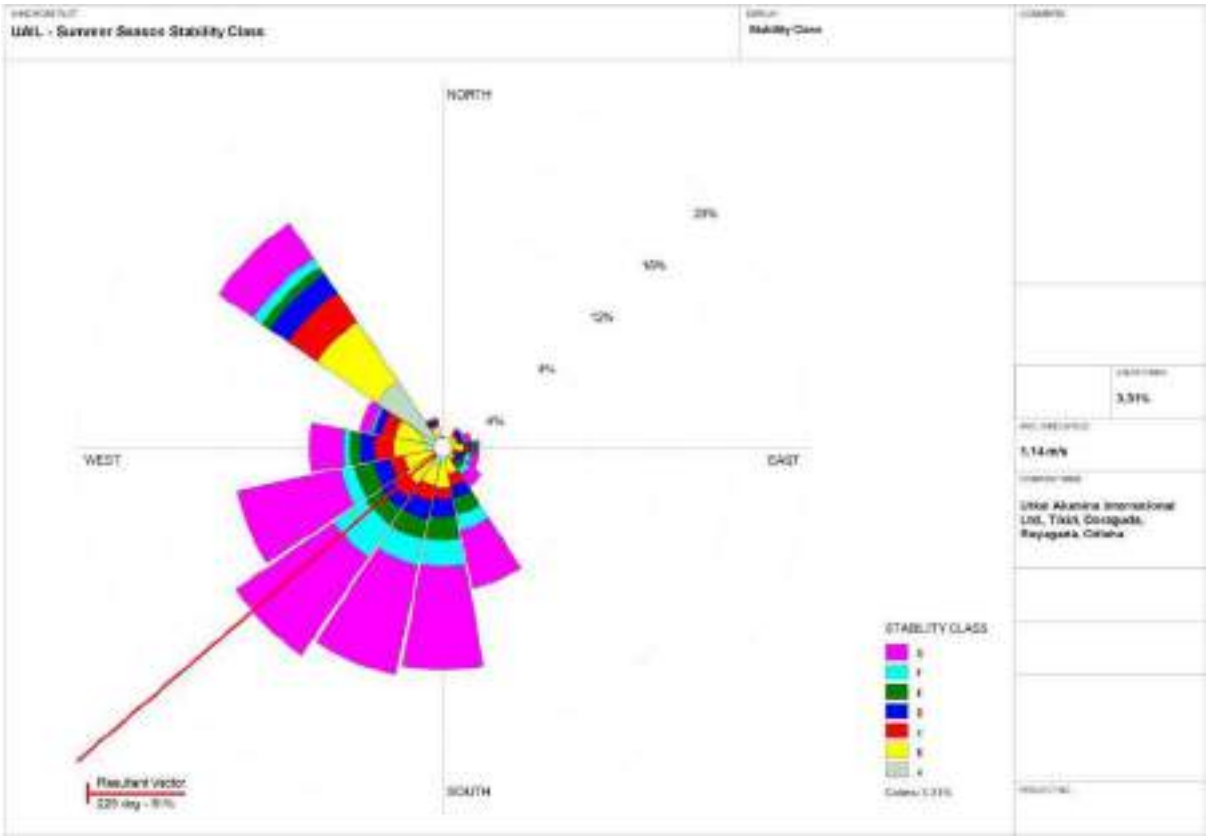


Figure No. 3.13 (A)
Wind Class Frequency Distribution

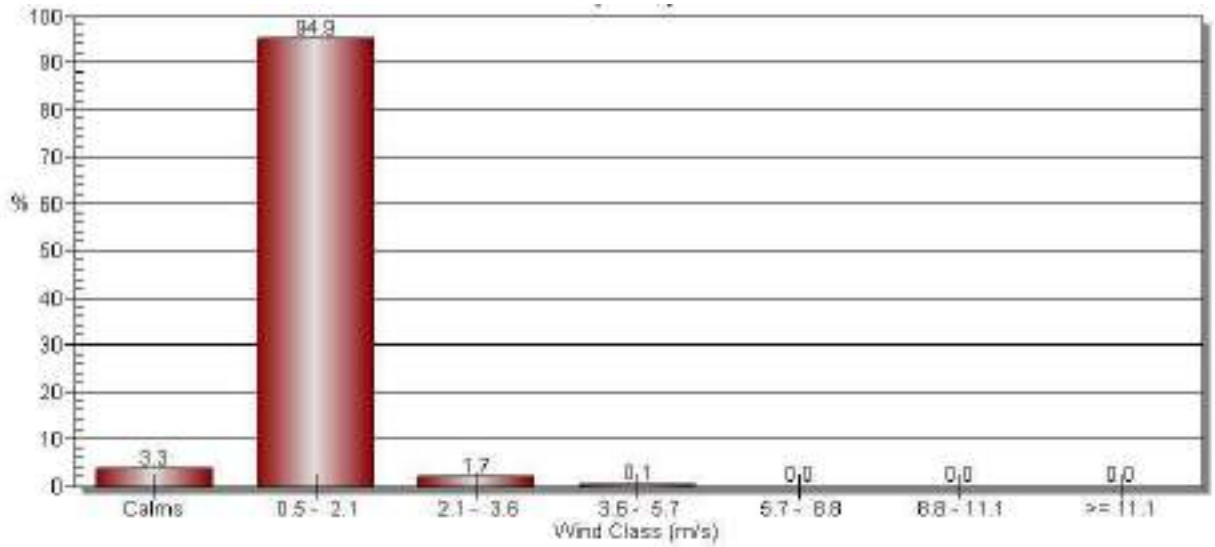
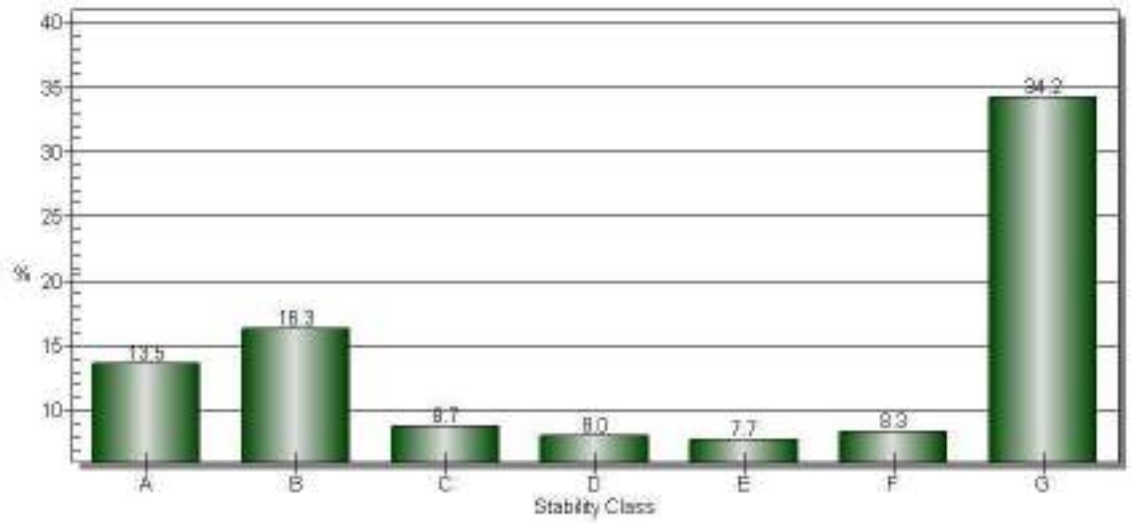


Figure No. 3.13 (B) Stability Class Frequency Distribution



3.5.2 Atmospheric Inversion, Mixing Height, Ventilation Co-efficient (VC) Atmospheric Inversion:

The rate at which the temperature of Ambient Air decreases with height is referred as Environmental Lapse Rate (ELR).In case, when the temperature increases with altitude, the lapse rate becomes negative and atmospheric condition is turned as inversion. It is a condition of strong stability.

Study of atmospheric inversion level and mixing height of the area play an important role for dispersion of pollutants. The data presented in the following **Table No. 3.6** and **Table No. 3.7** in respect of mixing height and Ventilation Co-efficient (VC) respectively in different hours of the day and different seasons have been collected from India Meteorological Department. The details of graphical representation for mixing height shown in **Figure No. 3.14 (A)** to **Figure No. 3.14 (C)** and the details of graphical representation for Ventilation Co-efficient (VC) shown in **Figure No. 3.15 (A)** to **Figure No. 3.15 (C)** respectively.

Ventilation Co-efficient (VC) is product of Mean Layer Wind (MLW) and Mixing Height (MH).It is a measure of volume rate of horizontal transport of air within the mixing layer. Ventilation coefficient is therefore, useful parameter to identify air space carrying capacity. High mixing heights with light wind may have a similar impact on pollution transport as low mixing heights associated with strong winds.

Table No. 3.6 Spatial Distribution of Mixing Height (MH)

Time hour IST	Spatial Distribution of Mixing Height (MH) in meter Latitude - 19° 11' 23" N& Longitude - 83° 01' 43" E		
	Winter Season	Pre-Monsoon Season	Post Monsoon
7.00	20 – 40	100 – 110	50 – 70
8.00	80 – 120	275 – 350	125 – 175
9.00	250 – 300	510 – 615	260 - 320
10.00	450 – 550	800 – 935	575 – 700
11.00	800 – 900	1000 – 1100	750 – 840
12.00	1000 – 1100	1230 – 1290	865 – 975

13.00	1000 - 1150	1365 - 1550	935 - 1050
14.00	1250 - 1400	1500 - 1750	1100 - 1285
15.00	1150 - 1250	1550 - 1850	960 - 1100
16.00	1050 - 1150	1350 - 1700	880 - 1010
17.00	800 - 950	1050 - 1250	670 - 740
18.00	550 - 650	775 - 950	530 - 590
19.00	350 - 450	575 - 650	360 - 390

Figure No. 3.14 (A)

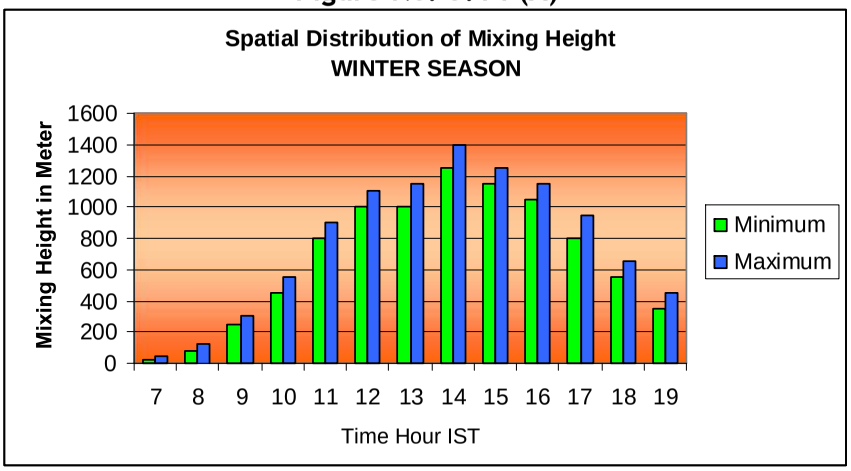


Figure No. 3.14 (B)

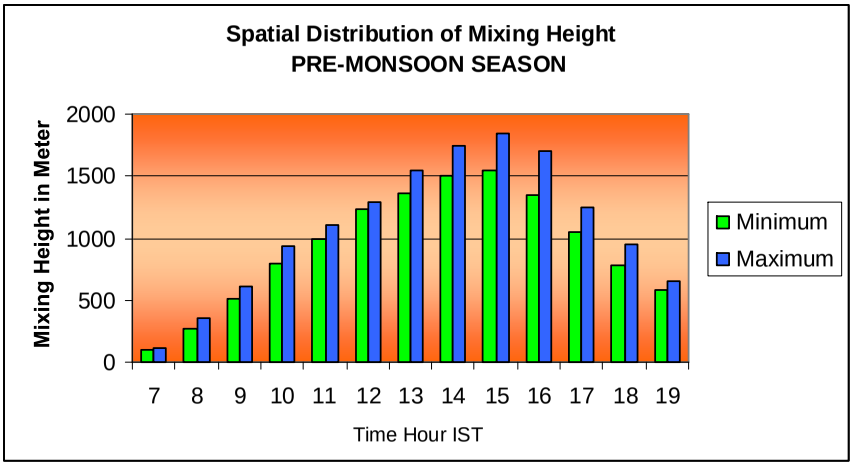


Figure No. 3.14 (C)

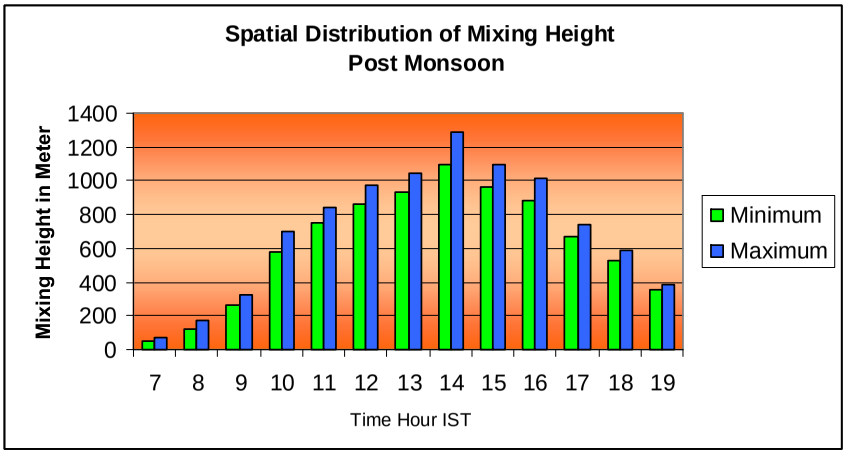


Table No. 3.7

Spatial Distribution of Ventilation Co-efficient

Time hour IST	Spatial Distribution of Ventilation Co-efficient in m^2/Sec Latitude - 19° 11' 23" N & Longitude - 83° 01' 43" E		
	Winter Season	Pre-Monsoon Season	Post Monsoon
7.00	75 - 125	260 - 350	150 - 190
8.00	200 - 275	1075 - 1325	340 - 445
9.00	650 - 800	2400 - 2900	835 - 1030
10.00	1425 - 1650	3500 - 4200	1650 - 1775
11.00	2550 - 2800	4500 - 5350	2350 - 2640
12.00	3300 - 3550	6450 - 7800	3200 - 3630
13.00	3950 - 4450	7000 - 8800	3585 - 4210
14.00	3950 - 4550	8000 - 9950	3750 - 4320
15.00	4300 - 4950	7600 - 10200	3340 - 3965
16.00	4000 - 4550	7300 - 10000	2425 - 3000
17.00	3150 - 3650	4900 - 7750	1560 - 2190
18.00	1750 - 2200	3700 - 5200	1100 - 1460
19.00	1200 - 1350	2500 - 3300	1000 - 1100

Figure No. 3.15 (A)

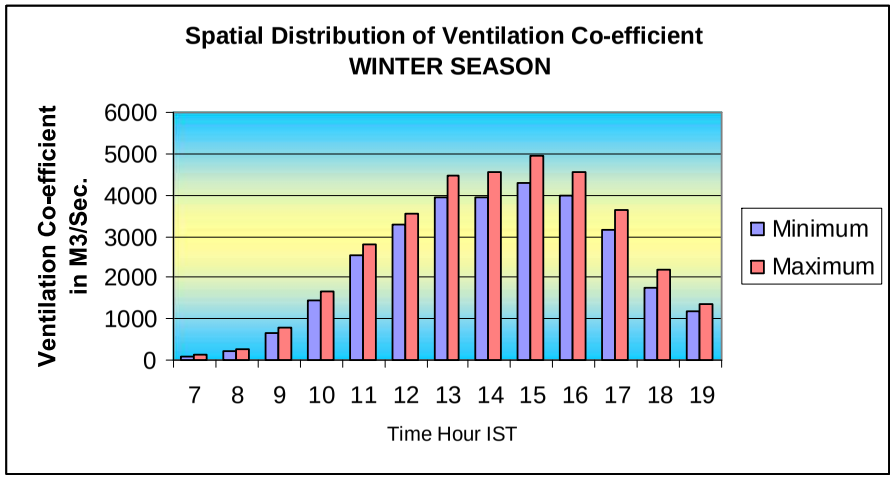


Figure No. 3.15 (B)

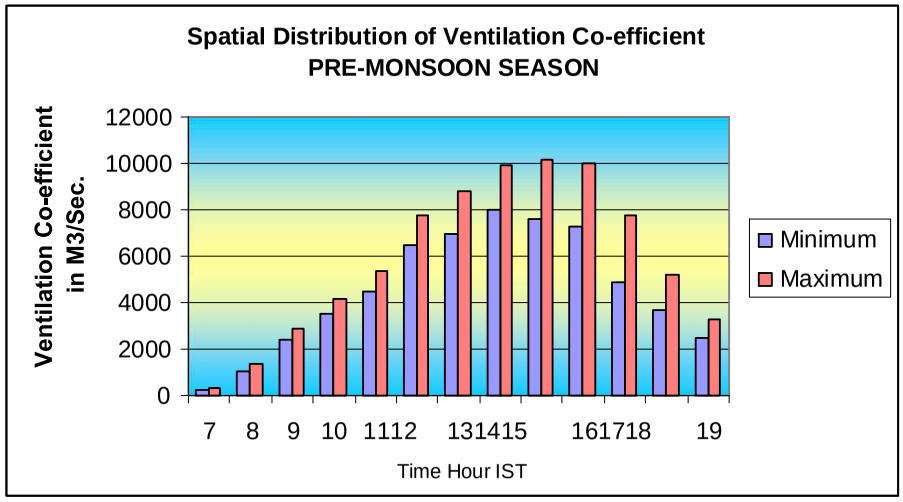
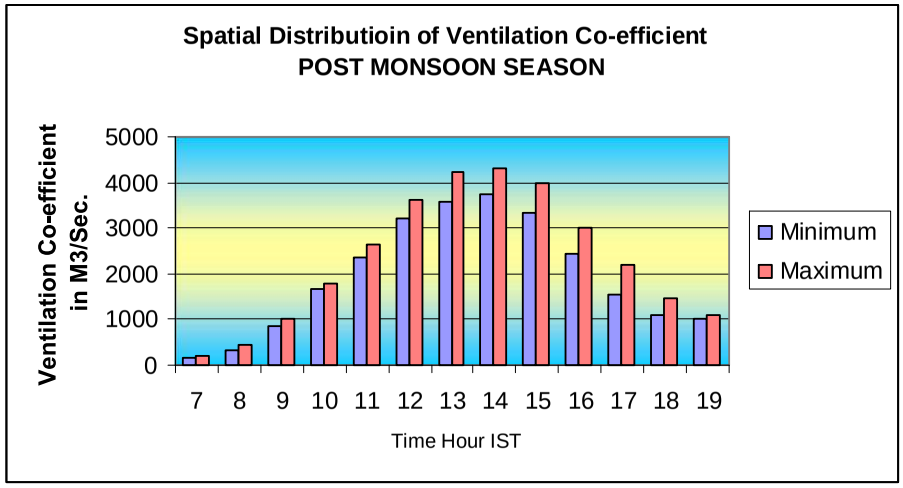


Figure No. 3.15 (C)



3.6 Status of Ambient Air Quality:

The ambient air quality with respect to the 10 km radius from the center of the plant forms the baseline information. The observed sources of air pollution in the region are industrial, traffic and domestic activities. The prime objective of the baseline air quality study was to assess the existing air quality of the area. This will also be useful for assessing the conformity to the standards of the ambient air quality for the proposed expansion. The study area represents mostly the rural and residential environment.

The monitoring was carried out from **1st March 2017** to **31st May 2017** representing "Premonsoon Season".

3.6.1 Methodology Adopted for Air Quality Survey:

Methodology of sampling and analysis for air quality monitoring is depicted in the table below:

Table No. 3.8

Methodology of Sampling & Analysis and Equipment used

Sl. No.	*Parameter*	*Instrument/ Apparatus used*	*Method followed*	*Reference*

1	PM_{10}	Respirable Dust Sampler ENVIROTECHAPM 460-BL., Filter Paper (EPM – 2000), Balance	Gravimetric	MoEF&CC Notification G.S.R. 826(E), dtd. 16.11.2009
2	$PM_{2.5}$	Respirable Dust Sampler ENVIROTECHAPM 550-BL. Filter Paper (EPM-2000),	Gravimetric	- do -
3	Nitrogen Oxides (NO_x)	HVAS with Impinger tubes, spectrophotometer	Jacob and Hocheiser modified (Na-Arsenite) Method	- do -
4	Sulphur di-oxide (SO_2)	HVAS with Impinger tubes, spectrophotometer	Improved West & Gaecke Method	- do -
5	Carbon Monoxide (CO)	CO Analyzer	NDIR Method	- do -

3.6.2 Selection of Sampling Locations:

The monitoring locations were selected based on the following considerations:

- ③ Meteorological conditions of the area i.e. predominant wind direction / resultant vector.
- ③ Topography of the study area, and ③ Sensitive Receptors.

3.6.3. Ambient Air Quality Monitoring

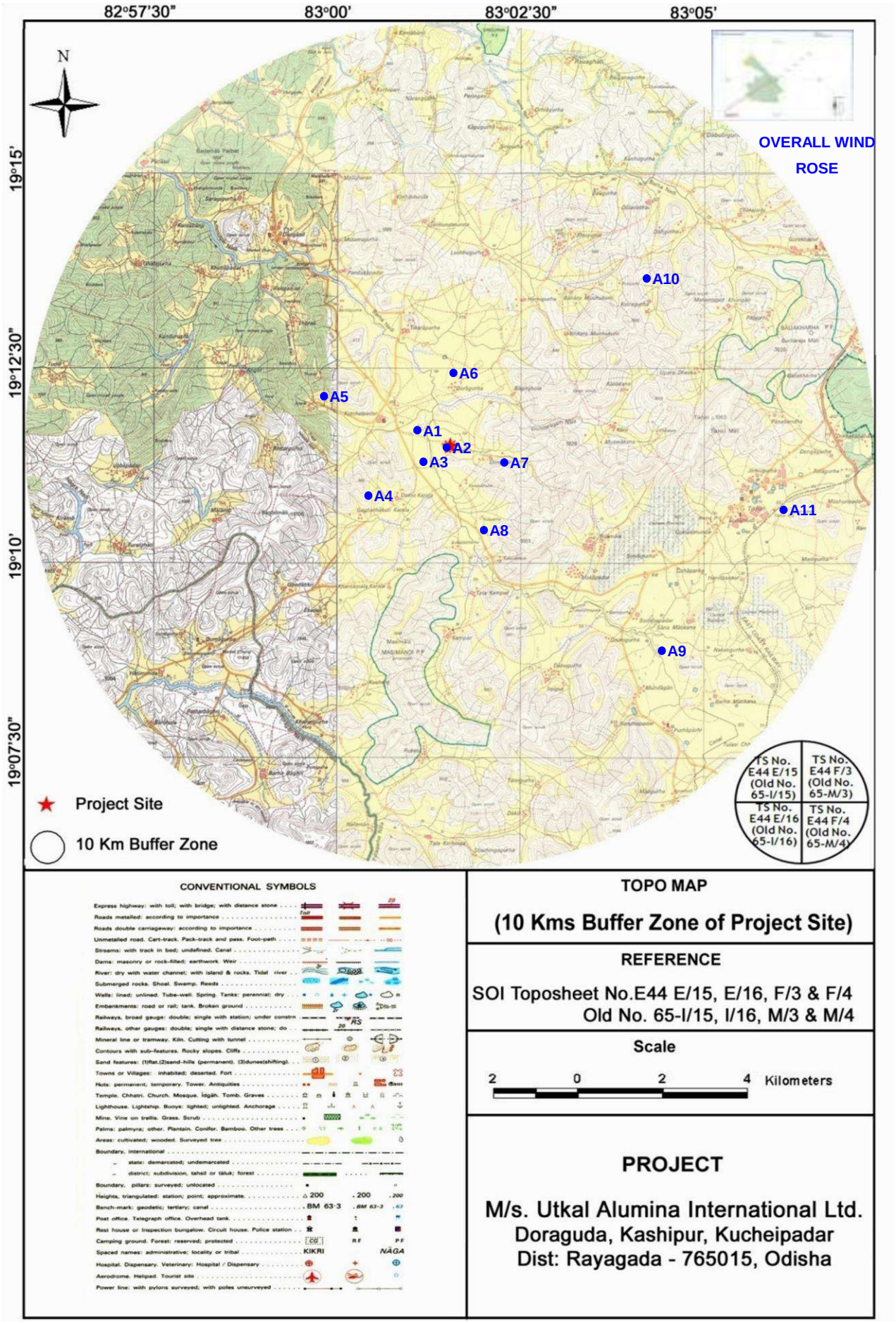
Ambient air quality monitoring stations were set up at eleven locations with due consideration of CPCB Guidelines as per "National Ambient Air Quality Monitoring Series: NAAQS/25/2003-04". The locations of AAQ monitoring station are given in **Table No.3.9** and depicted in **Figure No. 3.16.**

Table No. 3.9 Ambient Air Quality Monitoring Locations

AAQM Station	Location	Zone
A1	A.D. Building [Core Zone]	Core Zone
A2	Near Training Center [Core Zone]	Core Zone
A3	Near BSNL Tower [Core Zone]	Core Zone
A4	Doma Karal [1.25 km, SW]	Buffer Zone
A5	Kucheipadar [1.25 km, NW]	Buffer Zone
A6	Doraguda [1.25 km, NE]	Buffer Zone
A7	Dimundi [1.5 km, ESE]	Buffer Zone
A8	Nuapada [1.5 km, SE]	Buffer Zone
A9	Sorishapadar [4.0 km, SE]	Buffer Zone
A10	Kotraguda [3.5 km, NE]	Buffer Zone

A11	Tikiri [4.5 km, ESE]	Buffer Zone

Figure No. 3.16 Ambient Air Quality Monitoring Locations Map


82°57'30"
83°00'
83°02'30"
83°05'
19°15'
19°12'30"
19°10'
19°07'30"
N
OVERALL WIND ROSE
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
Project Site
10 Km Buffer Zone
TS No. E44 E/15 (Old No. 65-I/15)
TS No. E44 F/3 (Old No. 65-M/3)
TS No. E44 E/16 (Old No. 65-I/16)
TS No. E44 F/4 (Old No. 65-M/4)
CONVENTIONAL SYMBOLS
TOPO MAP
(10 Kms Buffer Zone of Project Site)
REFERENCE
SOI Toposheet No.E44 E/15, E/16, F/3 & F/4
Old No. 65-I/15, I/16, M/3 & M/4
Scale
2 0 2 4 Kilometers
PROJECT
M/s. Utkal Alumina International Ltd.
Doraguda, Kashipur, Kucheipadar
Dist: Rayagada - 765015, Odisha

Ambient air quality monitoring was carried out at a frequency of two days per week at each location. The duration of sampling for PM_{10}, $PM_{2.5}$, SO_2 and NO_x were 24 hour in a day. Hence the baseline data of air environment were monitored for the following parameters:

- ③ Particulate Matter nominal dia. 10 micron and below (PM_{10})
- ③ Particulate Matter nominal dia. 2.5 micron and below ($PM_{2.5}$)
- ③ Sulphur Dioxide (SO_2)
- ③ Oxides of Nitrogen (NO_x) ③ Carbon Monoxide (CO)

Observations of Primary Data:

Scenario with respect to PM_{10} and $PM_{2.5}$

The 24 hourly values of PM_{10} and $PM_{2.5}$ reveals that concentration of PM_{10} was varying from 42.1µg/$m^3$to 73.2µg/m^3, the maximum concentration is at the project site and minimum concentration near village Dimundi at about 1.5 km away from project site. The concentration of $PM_{2.5}$ was varying from 21.7 µg/m^3 to 40.7 µg/$m^3$the maximum concentration is at the project site and minimum concentration near village Doma Karal at about 1.25 km away from project site. All the recorded figures are within the limits of National Ambient Air Quality Standard notified under E.P (Act), 1986, vide MoEF Notification no. G.S.R (E), dated 16.112009.

Scenario with respect to SO_2

The SO_2 concentration was varying from a high of 24.6 µg/m^3 to a low of 11.5 µg/m^3. The maximum concentration is at the project site and minimum concentration near village Sorishapadar at about 4.0 km away from project site. These figures are well within the specified standard of 80µg/m^3 as per NAAQ standard notified by MoEF & CC.

Scenario with respect to NO_X

The NO_x concentration was varying from a high of 25.2 µg/m^3 to a low of 11.6 µg/m^3. The maximum concentration was at the project site and minimum concentration near village Kucheipadar at about 1.25 km away from project site. These figures are well within the specified standard of 80µg/m^3 as per NAAQ standard notified by MoEF & CC.

Scenario with respect to CO

The CO concentration was varying from a high of 0.34 mg/m^3 to a low of 0.11mg/m^3. The maximum concentration was at the project site and minimum concentration near village Sorishapadar at about 4.0 km away from project site. These figures are well within the specified standard of 4.0 mg/m^3 as per NAAQ standard notified by MoEF & CC.

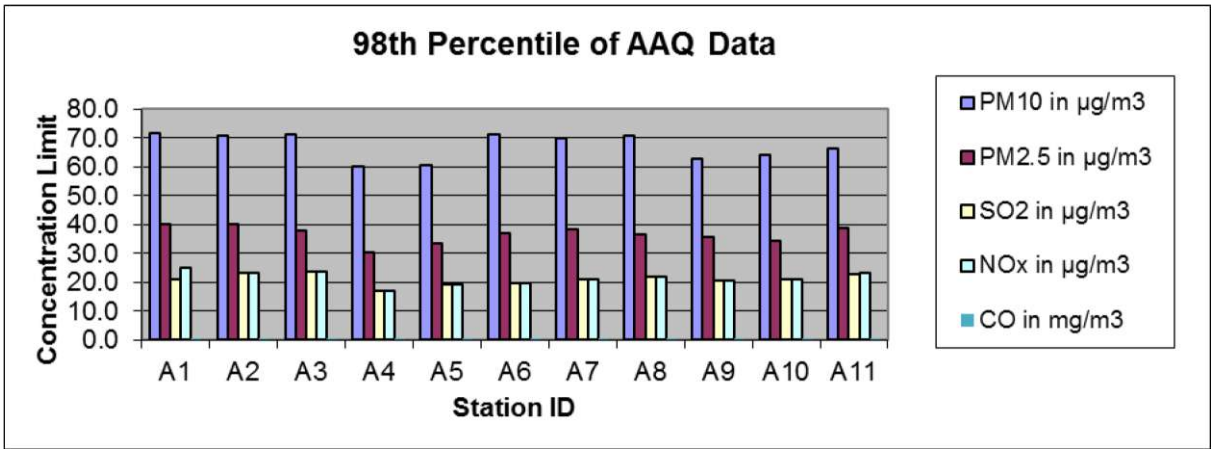
The Ambient Air Quality monitoring authenticated report have been given in **Annexure – 3.2** and the Raw Data is presented at **Annexure – 3.3.** The summary of the AAQ data is presented in **Table No. 3.10** and the graphical representation of the 98th percentile values have been given in **Figure No.3.17**.

Table No. 3.10 Summary of the Ambient Air Quality Levels

	98th Percentile AAQ Data											NAAQS Norms
	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	
PM_{10} in $\mu g/m^3$	71.7	70.8	71.2	60.1	60.7	71.2	70.1	71.0	63.0	64.2	66.5	100 $\mu g/m^3$
$PM_{2.5}$ in $\mu g/m^3$	40.0	40.1	38.1	30.2	33.5	37.1	38.4	36.8	35.5	34.3	38.8	60 $\mu g/m^3$
SO_2 in $\mu g/m^3$	21.0	23.5	23.8	17.0	19.2	19.9	20.9	22.1	20.5	21.0	22.8	80 $\mu g/m^3$
NOx in $\mu g/m^3$	25.1	23.5	23.8	17.0	19.2	19.9	21.0	22.1	20.5	20.9	23.3	80 $\mu g/m^3$
CO in mg/m^3	0.31	0.33	0.29	0.24	0.24	0.25	0.26	0.27	0.24	0.23	0.28	04 mg/m^3

Figure No. 3.17

Status of Ambient Air Quality (98th percentile of various pollutants)



3.7 Status of Ambient Noise Level:

Method of Monitoring

Sound Pressure Level (SPL) measurements were measured at all locations. The readings were taken for every hour for 24 hours. The day noise levels have been monitored during 6 am to 10 pm and night levels during 10 pm to 6 am at all the locations covered in 10 km radius of the study area given in **Table No. 3.11** and Noise Monitoring Locations map given in **Figure No.3.18** and authenticated noise level report given in **Annexure - 3.4.** The result of the noise level is presented below in **Table No. 3.12.**

Figure No. 3.18 Noise Monitoring Locations map

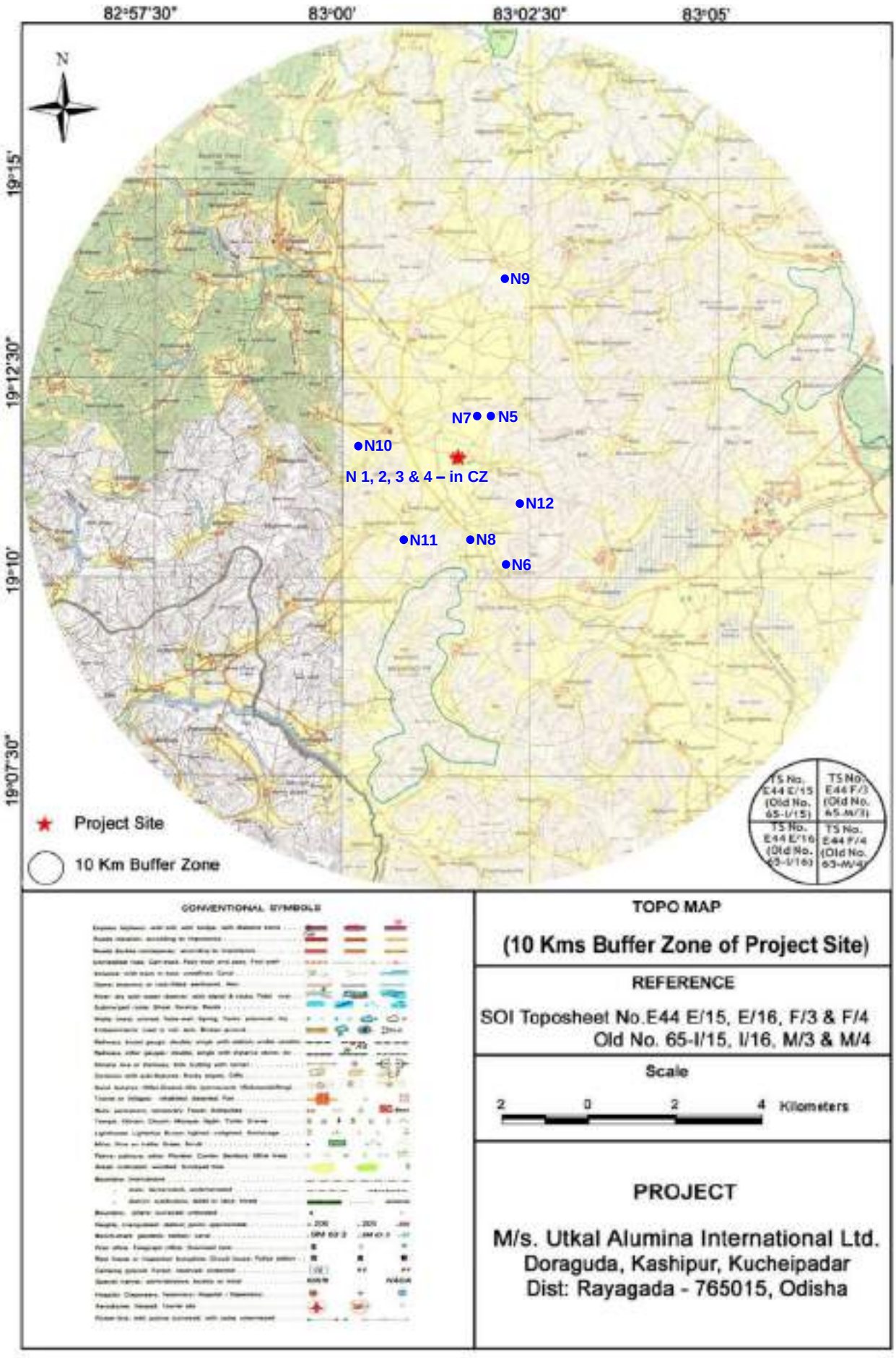

82°57'30"
83°00'
83°02'30"
83°05'
19°15'
19°12'30"
19°10'
19°07'30"
N
N9
N7
N5
N10
N 1, 2, 3 & 4 – in CZ
N12
N11
N8
N6
Project Site
10 Km Buffer Zone
CONVENTIONAL SYMBOLS
TOPO MAP
(10 Kms Buffer Zone of Project Site)
REFERENCE
SOI Toposheet No.E44 E/15, E/16, F/3 & F/4
Old No. 65-I/15, I/16, M/3 & M/4
Scale
2 0 2 4 Kilometers
PROJECT
M/s. Utkal Alumina International Ltd.
Doraguda, Kashipur, Kucheipadar
Dist: Rayagada - 765015, Odisha

Table No. 3.11

Details of Noise Monitoring Locations

Location Code	Noise sampling Location	Distance from Plant (km)	Direction wrt Plant	Zone
N1	CPP Area	--	--	Core Zone
N2	Raw Material Area	--	--	Core Zone
N3	Near Traffic Center	--	--	Core Zone
N4	Refinery Area	--	--	Core Zone
N5	P.S.Doraguda	1.25	NE	Buffer Zone
N6	Nuapada	3.00	SE	Buffer Zone
N7	Doraguda	1.25	N	Buffer Zone
N8	Nuapada Township	2.80	S	Buffer Zone
N9	Luchuguda	5.20	NE	Buffer Zone
N10	Kucheipadar	3.50	NW	Buffer Zone
N11	D.Korol	3.10	SW	Buffer Zone
N12	Dimundi	1.50	SE	Buffer Zone

Table No. 3.12

Noise Levels in the Study Area

Sl. No.	Sampling Location	Date of Monitoring	Unit	Parameter	
				Noise Level [in dB(A) Leq.], Day Time (6.00 AM to 10.00 PM)	Noise Level [in dB(A) Leq.], Night Time (10.00 PM to 6.00 AM)
1	CPP Area	03.03.2017	dB (A)	66.2	60.3
2	Raw Material Area	06.03.2017		66.8	54.1
3	Near Traffic Center	09.03.2017		67.1	58.5
4	Refinery Area	14.03.2017		64.5	61.8
5	P.S.Doraguda	10.03.2017		52.9	42.9
6	Nuapada	15.03.2017		52.1	41.8
7	Doraguda	11.03.2017		47.0	40.0
8	Township	21.03.2017		52.6	41.1
9	Luchuguda	25.03.2017		53.8	43.6
10	Kucheipadar	24.03.2017		47.9	40.8
11	D.Korol	06.03.2017		45.9	42.7
12	Dimundi	28.03.2017		53.8	43.1

Noise Level Standards

Areas	Day Time in dB(A)	Night Time in dB(A)
Industrial Area	75	70
Residential Area	55	45

3.8 Status of Surface Water Quality:

3.8.1 Surface Water Quality Monitoring Locations and Result:

The details of Surface water quality monitoring locations, locations map and Analysis Results are given in **Table No. 3.13, Fig No.3.19** and **Table No. 3.14** respectively. The authenticated analysis report given in **Annexure - 3.5.**

Table No. 13 Surface Water Quality Monitoring Locations

Location ID	Description	Distance from the Plant	Direction to w.r.t. Plant Site
SW1	Nuapada Nala upstream w.r.t. Lime Handling Plant	0.75 km	NNE
SW2	Bada Nadi upstream w.r.t. overall Plant [Near Nuapada Bridge]	1.00 km	S-SW
SW3	Nuapada Nala downstream w.r.t. Lime Handling Plant	1.50 km	NNE
SW4	Bada Nadi Int. downstream w.r.t. overall Plant [Near Doraguda Bridge P.S.]	0.75 km	NNE
SW5	Dimundi Nala upstream w.r.t. Alumina Refinery &Co-generation Power Plant in between area	2.0 kms	NNW
SW6	Dimundi Nala downstream w.r.t. Alumina Refinery &Co-generation Power Plant in between area	0.75 km	NNE
SW7	Bagrijhola Nala upstream w.r.t. Bauxite & Coal Handling Area	1.5 kms	NNW
SW8	Final downstream point on Bada Nadi [Near Doraguda Bridge]	2.0 kms	NNW
SW9	Red Mud Pond downstream [Near RMP Nala]	2.0 kms	NNW
SW10	Ash Pond downstream [Tikarpada Nala]	1.5 kms	NNW

Figure No.3.19
Surface Water Quality Monitoring Locations Map

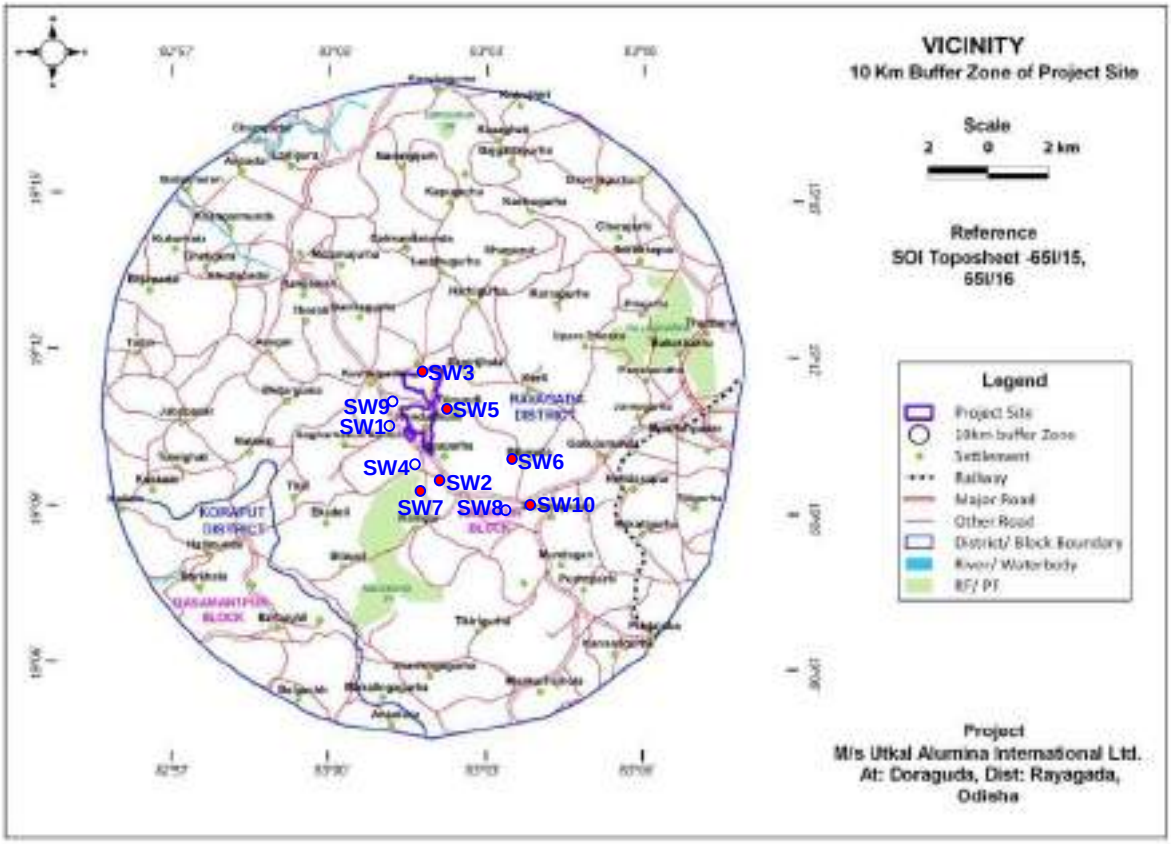

VICINITY
10 Km Buffer Zone of Project Site
Scale
2 0 2 km
Reference
SOI Toposheet -65I/15, 65I/16
Legend
Project Site
10km buffer Zone
Settlement
Railway
Major Road
Other Road
District/ Block Boundary
River/ Waterbody
RF/ PT
Project
M/s Utkal Alumina International Ltd.
At: Doraguda, Dist: Rayagada, Odisha
SW1
SW2
SW3
SW4
SW5
SW6
SW7
SW8
SW9
SW10
KORAPUT DISTRICT
RAYAGADA DISTRICT

Table No. 3.14 Surface Water Quality Analysis Result

Sl. No.	Parameters	Units	Standard as per IS-2296 - 1982 Class-C	Results										Test Methods
				SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8	SW9	SW10	
1	Colour	Hazen	300	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	IS 3025 (Part-4): 1983 RA 2012)
2	Odour	--	Agreeable	Agreeable										IS 3025 (Part-5): 1983 RA 2012
3	pH	--	6.5-8.5	7.0	7.95	7.23	6.8	6.5	7.05	7.0	7.0	8.0	8.0	IS 3025 (Part-11): 1983 RA 2012
4	Suspended Solids	mg/l	--	8	10	14	20	50	60	20	24	20	80	APHA-22ND Edition (2540)
5	Temperature	Deg. C	--	25	25	25	25	25	25	25	25	25	25	----------
6	Dissolved Solids	mg/l	1500	120	130	200	60	180	220	90	100	380	190	IS 3025 (Part-16): 1984 RA 2006
7	Ammonical Nitrogen as N	mg/l	--	0.4	0.5	0.7	0.4	0.6	0.8	0.3	0.5	1.9	1.1	APHA-22ND Edition (4500-NH3-B)
8	Total Kjeldal Nitrogen as N	mg/l	--	1.2	1.5	1.8	0.8	1.7	2.0	1.1	0.9	2.6	2.0	APHA-22ND Edition (4500-N_{org}-B)
9	Oil & Grease	mg/l	0.1	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	APHA-22ND Edition (5520 B)
10	Free Ammonia as NH_3	mg/l	--	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	APHA-22ND Edition (4500-NH3-B)
11	Total Residual Chlorine	mg/l	--	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	APHA-22ND Edition (4500-Cl-B)
12	Iron as Fe	mg/l	50	0.4	0.42	0.46	0.3	0.6	0.65	0.3	0.33	0.45	0.7	APHA-22ND Edition (3500-Fe-B, 3111 B)
13	Copper (as Cu)	mg/l	1.5	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	IS 3025 (Part-42):1992 RA 2009
14	Fluoride (as F)	mg/l	1.5	0.6	0.8	1.0	<0.05	1.2	1.25	0.8	<0.05	<0.05	0.11	IS 3025 (Part-60):2008
15	Dissolved Oxygen	mg/l	4	6.8	7.0	7.4	6.6	7.2	7.3	6.7	6.8	7.3	6.7	APHA-22ND Edition (4500-O-C)

16	Hexavalent Chromium as Cr^{+6}	mg/l	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	APHA-22ND Edition (3500-Cr-B)
17	Cyanide as CN	mg/l	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	IS 3025 (Part-27): 1986 RA 2003
18	Dissolved Phosphate as P	mg/l	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	APHA-22ND Edition (4500-P-D)

19	Biochemical Oxygen Demand (BOD)	mg/l	3	7	8	10	5	12	14	7	6	8	4	APHA-22ND Edition – 2012 (5210 B)
20	Sulphide as S	mg/l	--	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	APHA-22ND Edition (4500-S^2-F)
21	Nitrate (as NO_3)	mg/l	50	0.5	0.6	0.9	0.5	0.8	1.0	0.5	0.8	3.0	1.0	IS 3025 (Part-34): 1988 RA 2009
22	Phenolic compounds (as C6H5OH)	mg/l	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	IS 3025 (Part-43): 1992 RA 2009
23	Selenium (as Se)	mg/l	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	IS 3025 (Part-56): 2003 RA 2009
24	Manganese (as Mn)	mg/l	--	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	IS 3025 (Part-56): 2006 RA 2012
25	Bio-assay Test	%	90% survival	99	99	99	99	99	99	99	99	99	99	IS 6582
26	Zinc (as Zn)	mg/l	of fish 15	0.35	0.4	0.55	0.3	0.38	0.42	0.32	0.35	0.58	0.42	IS 3025 (Part-49): 1994 RA 2009
27	Cadmium (as Cd)	mg/l	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	IS 3025 (Part-41): 1992 RA 2009
28	Chemical Oxygen Demand	mg/l	--	35	46	58	19	70	81	31	23	46	23	APHA-22ND Edition (5220 B)

29	Lead (as Pb)	mg/l	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	IS 3025 (Part-47): 1994 RA 2009
30	Mercury (as Hg)	mg/l	--	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	IS 3025 (Part-48): 1994 RA 2009
31	Nickel (as Ni)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	IS 3025 (Part-54): 2003 RA 2009
32	Arsenic (as As)	mg/l	02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	IS 3025 (Part-37): 1988 RA 2009
33	Total chromium as (Cr)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	IS 3025 (Part-52): 2003 RA 2009
Remarks: Nil													
Any unusual feature observed during determination				Nil									

A total of 10 surface water samples were tested for assessing the base line water environment of the area. Based on analysis of the results indicate that the pH ranged between 7.0 and 8.0, which is well within the specified standard of 6.5 to 8.5. DO was observed in the range of 6.6 to 7.4 mg/l. The heavy metal content is below detectable limits. BOD values were observed to be in the range of 4 to 14 whereas the limit of BOD is 3 mg/l.

It may be observed that the value of most of the parameters for most of the samples collected comply with the CPCB standards and do not indicate any industrial contamination.

3.9 Status of Ground Water Quality:

Most of the villages near in the project area have bore-well and tube well facilities, as most of the residents of these villages make use of this water for drinking, agricultural and other domestic uses. Therefore, bore well samples have been considered for sampling. The analytical results of the samples were compared with the drinking water standard IS 10500 and all the samples were within the prescribed drinking water standards.

3.9.1 Ground Water Quality Monitoring Locations and Result:

The details of Ground water quality monitoring locations, locations map and Analysis Results are given in **Table No. 3.15, Fig No.3.20** and **Table No. 3.16** respectively**.** The authenticated analysis report given in **Annexure - 3.6.**

Table No. 3.15 Ground Water Quality Monitoring Locations

Location ID	Name of the Location	Distance from the Plant	Direction to w.r.t. Plant Site
GW1	Kucheipadar	1.50	NW
GW2	Dimundi	0.75	E
GW3	Bagrijhola	1.25	NE
GW4	Lachuguda	5.20	NE
GW5	D. Karal	0.75	SW
GW6	Nuapada	1.00	S-SE
GW7	Doraguda	0.75	N
GW8	Tikiri	4.50	E-SE

Figure No.3.20 Ground Water Quality Monitoring Locations

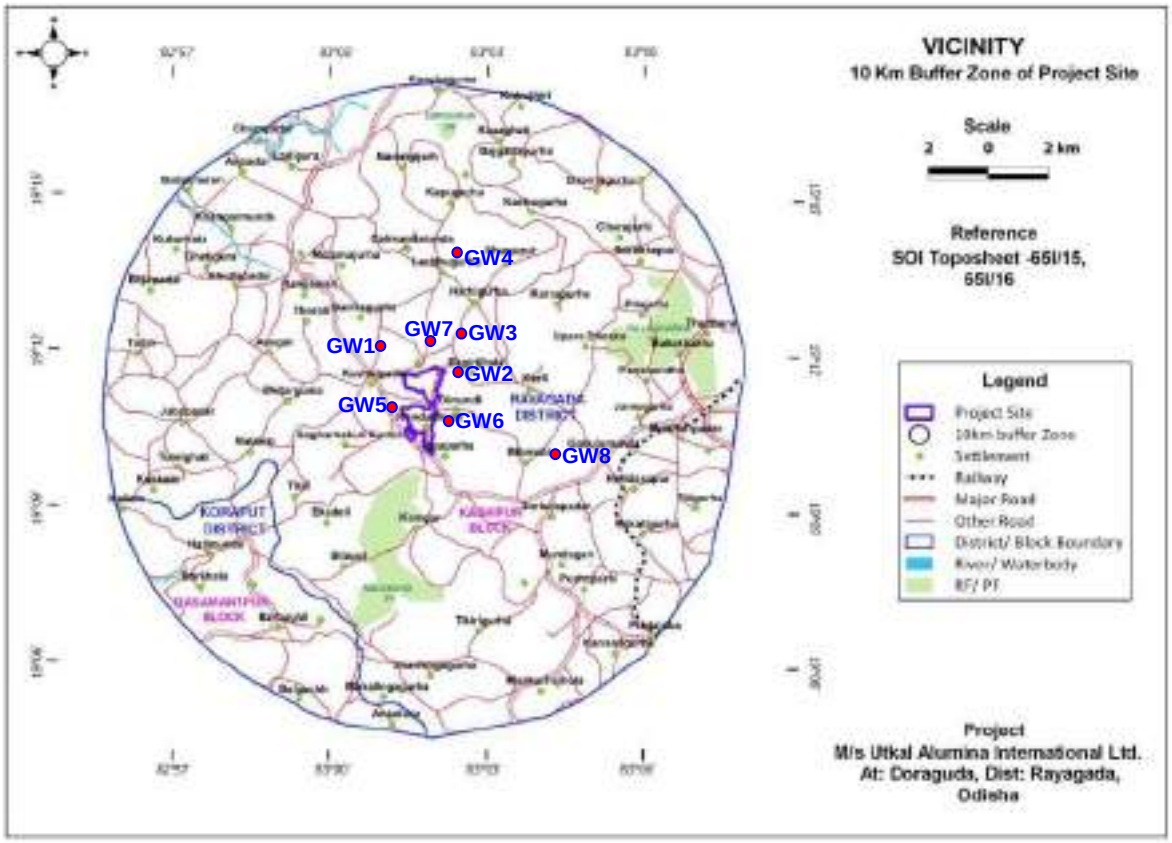


Table No. 3.16 Ground Water Quality Analysis Results

Sl. No.	Parameters	Units	Acceptable Limit(IS: 10500: 2012)	Results								Test Methods
				GW1	GW2	GW3	GW4	GW5	GW6	GW7	GW8	
ORGANOLEPTIC & PHYSICAL PARAMETERS												
1	Colour	Hazen, Max	5	<1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	IS 3025(Part 4): 1983 RA 2012
2	Odour	--	Agreeable	Agreeable								IS 3025(Part 5): 1983 RA 2012
3	*p*H value	--	6.5-8.5	7.47	6.5	6.5	6.5	6.5	6.6	7.5	6.5	IS 3025(Part 11): 1983 RA 2012
4	Taste	--	Agreeable	Agreeable								IS 3025(Parts 8): 1984 RA 2006
5	Turbidity	NTU, Max	1.0	0.4	0.8	0.5	0.6	0.6	0.7	0.7	0.4	IS 3025(Part 10): 1984 RA 2006
6	Total dissolved solids	mg/l, Max	500	400	80	90	90	180	120	250	360	IS 3025(Part 16): 1984 RA 2006
7	Temperature	^{0}C	--	25	25	25	25	25	25	25	25	--
GENERAL PARAMETRS												
8	Calcium (as Ca)	mg/l, Max	75	56	9.6	11.2	12.8	28.8	24	48	51.2	IS 3025(Part 40): 1991 RA 2009
9	Chloride (as Cl)	mg/l, Max	250	95	7.6	9.5	13.3	38	28.5	41.9	47.6	IS 3025(Part 32): 1988 RA 2009
10	Copper (as Cu)	mg/l, Max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	IS 3025(Part 42): 1992 RA 2009
11	Fluoride (as F)	mg/l, Max	1.0	0.08	0.25	0.06	0.5	0.6	0.4	0.62	0.65	IS 3025(Part 60): 2008

12	Free residual chlorine	mg/l, Min	0.20	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.4	IS 3025(Part 26): 1986 RA 2009
13	Iron (as Fe)	mg/l, Max	1.0	0.5	0.1	0.31	0.28	0.4	0.35	0.45	0.5	IS 3025(Part 53): 2003 RA 2009
14	Magnesium (as Mg)	mg/l, Max	30	9.72	5.8	3.88	6.8	6.8	4.86	9.72	10.7	IS 3025(Part 46): 1994 RA 2003
15	Manganese (as Mn)	mg/l, Max	0.10	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	IS 3025(Part 59): 2006 RA 2012
16	Mineral oil	mg/l, Max	0.50	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	Clause **6** of IS 3025(Part-39):1991 RA 2003
17	Acidity	mg/l	--	3.5	2.0	1.0	1.0	1.5	1.2	1.6	1.8	APHA-22nd Edition(2310 B)



Utkal Alumina International Ltd., Rayagada, Odisha

18	Phenolic compounds (as C_6H_5OH)	mg/l, Max	< 0.001	<0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	IS 3025(Part 43): 1992 RA 2009
19	Selenium (as Se)	mg/l, Max	< 0.003	0.0048	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	IS 3025(Part 56): 2003 RA 2009
20	Sulphate (as SO_4)	mg/l, Max	40	0.0025	8	9	6.0	15	11	20	28	IS 3025(Part 24): 1986 RA 2009
21	Free CO_2	mg/l	0.7	0.0185	0.3	0.4	0.6	0.7	0.4	0.8	0.9	APHA-22nd Edition(4500-CO_2 .C)
22	Total alkalinity (as $CaCO_3$),	mg/l, Max	432	0.1265	58	54	61	32	90	272	96	IS 3025(Part 23): 1986 RA 2009
23	Total hardness (as $CaCO_3$),	mg/l, Max	180	<0.05	48	44	60	100	80	160	172	IS 3025(Part 21): 2009
24	Zinc (as Zn)	mg/l, Max	0.4	60	0.2	0.2	0.1	0.15	0.13	0.22	0.26	IS 3025(Part 49): 1994 RA 2009
TOXIC SUBSTANCES												
25	Cadmium (as Cd)	mg/l, Max	0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	IS 3025(Part 41): 1992 RA 2009
26	Cyanide (as CN)	mg/l, Max	0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	IS 3025(Part 27): 1986 RA 2009

27	Lead (as Pb)	mg/l, Max	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	IS 3025(Part 47): 1994 RA 2009
28	Mercury (as Hg)	mg/l, Max	0.001	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	IS 3025(Part 48): 1994 RA 2009
29	Total arsenic (as As)	mg/l, Max	0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	IS 3025(Part 37): 1988 RA 2009
30	Pesticide	mg/l, Max	0.0005	< 0.0001	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	USEPA
BACTERIOLOGICAL QUALITY												
31	Total Coliforms	MPN/ 100ml	Shall not be detected in any 100 ml sample	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	IS 1622:1981 RA 2009
Remarks: Nil												
Any unusual feature observed during determination						Nil						

The analytical results of the samples were compared with the drinking water standard IS: 10500 and all the parameters were within the prescribed drinking water standards.

3.10 Status of Soil Characteristics:

It is essential to determine the potential of soil in the area and identify the current impacts of urbanization and industrialization on soil quality and also predict impacts, which may arise due to the proposed expansion. Accordingly, a study of assessment of the baseline soil quality has been carried out.

3.10.1 Methodology for Soil Quality Monitoring:

Data Generation:

For studying soil profile of the region, sampling locations were selected to assess the existing soil conditions in and around the project area representing various land use conditions. The physical, chemical and heavy metal concentrations were determined. The samples were collected by ramming an auger into the soil up to a depth of 90 cm.

The present study of the soil profile establishes the baseline characteristics and this will help in future in identifying the incremental concentrations if any, due to the operation of the proposed expansion of plant. The sampling locations have been identified with the following objectives:

- To determine the baseline soil characteristics of the study area;
- To determine the impact of industrialization on soil characteristics; and
- To determine the impact on soil more importantly from agricultural productivity point of view.

8 locations within 10-km radius of the plant site were selected for soil sampling and analysis. At each location, soil samples were collected from three different depths viz. 30 cm, 60 cm and 90 cm below the surface and are homogenized. This is in line with IS: 2720 & Methods of Soil Analysis, Part-1, 2nd edition, 1986 of (American Society for Agronomy and Soil Science Society of America). The homogenized samples were analyzed for physical and chemical characteristics.

The samples have been analyzed as per the established scientific methods for physicochemical parameters. The heavy metals have been analyzed by using Atomic Absorption Spectrophotometer and Inductive Coupled Plasma Analyzer.

The methodology adopted for each parameter is described in **Table No.3.17**.

Table No. 3.17 Analytical Techniques for Soil Analysis

Sr. No.	Parameter	Analysis Method
1	Texture (% Sand, % Silt, % Clay)	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edition, 1986 (ASA, SSSA)
2	pH (40% aqueous Solution, soil-water extract)	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)

3	Electrical Conductivity (µmhos/cm)	Methods of Soil Analysis, Part-2, 2nd

Utkal Alumina International Ltd., Rayagada, Odisha

	(40% aq. Solution, soil-water extract)	edition, 1982 (ASA, SSSA)
4	Bulk Density, gm/cc	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edition, 1986 (ASA, SSSA)
5	Porosity (%)	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edition, 1986 (ASA, SSSA)
6	Total Organic Carbon (%)	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)
7	Water holding capacity (%)	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edition, 1986 (ASA, SSSA)
8	Loss on Ignition, %	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edition, 1986 (ASA, SSSA)
9	Available Nitrogen as N	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)
10	Available Phosphorus as P	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)
11	Available Potassium as K	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)
12	Caution Exchange capacity	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)
13	Sodium absorption ratio	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)
14	Exchangeable Magnesium as Mg, mg/kg	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)
15	Chloride as Cl ,mg/kg	Methods of Soil Analysis, Part-2, 2nd edition, 1982 (ASA, SSSA)

Note: ASA – American Society for Agronomy SSSA - Soil Science Society of America

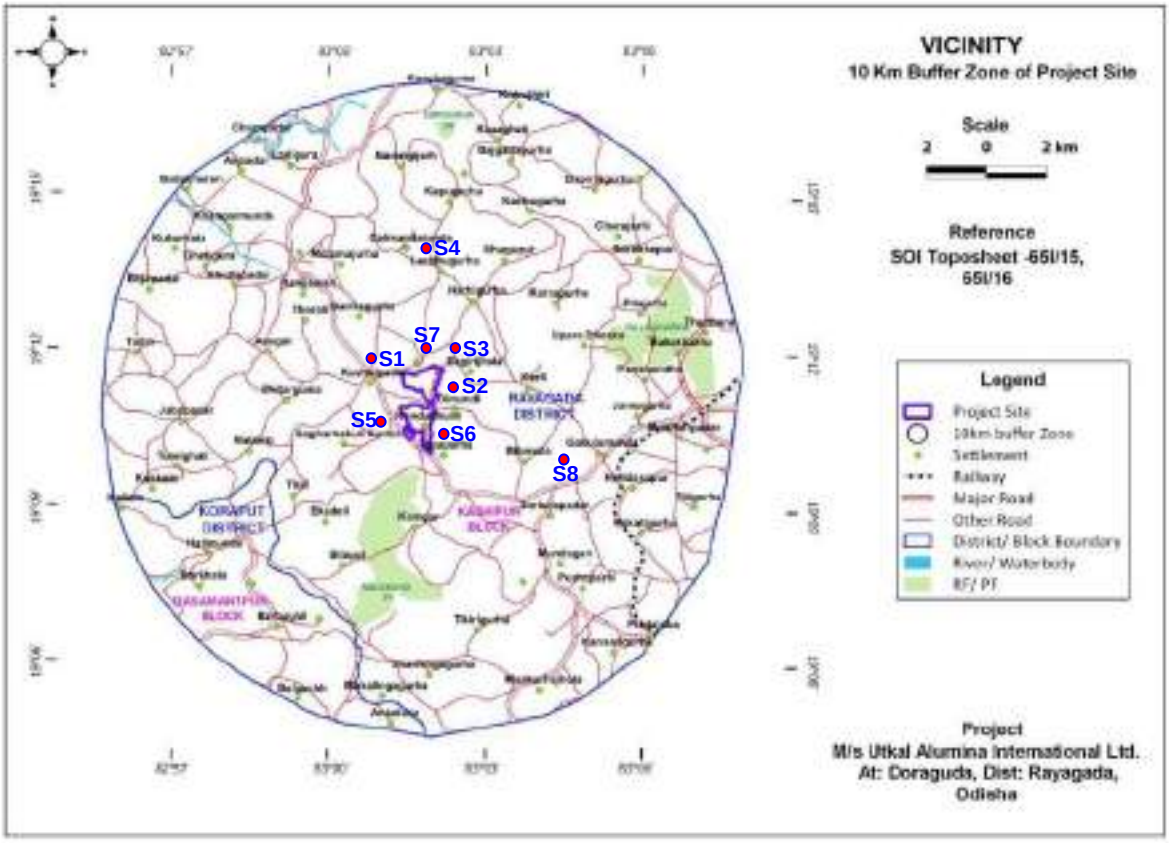
The details of the sampling locations are given in **Table No.3.18** and are shown in **Figure No.3.21.** The results are compared with standard classification given in **Table No. 3.19**. The authenticated analysis report given in **Annexure - 3.7.**

Table No. 3.18 Details of Sampling Locations

Location ID	Name of the Location	Distance from the Plant	Direction to w.r.t. Plant Site
S1	Kucheipadar	1.8	WNW
S2	Dwimundi	0.9	ESE

S3	Bagrijhola	1.25	NE
S4	Lachuguda	8.7	NNW
S5	D. Karal	0.75	SW
S6	Nuapada	1.7	SSE
S7	Doraguda	0.75	N
S8	Tikiri	4.50	E-SE

Kalyani Laboratories Pvt. Ltd., Bhubaneswar *Page -111* **Fig No. 3.21 Soil Sampling Locations**



3.10.2 Soil Quality Monitoring Locations and Result:

Baseline Soil Status:

It has been observed that the texture of soil is sandy Loam, sandy clay Loam, clay Loam, sandy clay and Loamy sand. It confirms that the study area comprise different texture of soil. The pH of the soil in the study area ranged from 5.6 to 6.9 indicating the slightly acidic to neutral in nature. The Electrical Conductivity was observed to be in the range of 36.8 µmho/cm to 110 µmho/cm. The electrical conductivity indicates that the ionic content of the soil samples are within the limits that does not harm the crops.

Manganese and Zinc concentration in the range of 0.004% to 0.015% and 0.08% to 0.23%. Chromium concentrations ranged from 0.001 % to 0.0016%.

Table No. 3.19

Soil Analysis Result

Sl. No.	Parameters	Units	Results								Test Methods
			S1	S2	S3	S4	S5	S6	S7	S8	
1.	pH	--	5.9	6.4	6.9	5.6	6.6	5.9	5.8	5.0	A text Book of Soil Analysis By T.C.Baruah & H.P. Barthakur
2.	Electrical Conductivity	µmho/cm	68	49.5	39.5	70	40.2	36.8	101	110	
3.	Colour	--	Brown	Dark Brown	Light Brown	Light Brown	Light Brown	Brown	Brown	Brown	
4.	Total Organic Matter	%	1.2	1.2	0.8	1.1	1.0	0.7	1.2	1.4	
5.	Lead as Pb	%	0.011	0.015	0.011	0.02	0.012	0.012	0.04	0.05	
6.	Cadmium as Cd	%	0.0012	0.0014	0.0007	0.0033	0.0011	0.0014	0.0042	0.005	
7.	Copper as Cu	%	0.012	0.015	0.01	0.051	0.013	0.026	0.06	0.07	
8.	Zinc as Zn	%	0.13	0.15	0.08	0.17	0.09	0.10	0.20	0.23	
9.	Chromium as Cr	%	0.002	0.0016	0.0007	0.0031	0.001	0.0018	0.004	0.006	
10.	Mercury as Hg	%	0.003	0.0017	0.001	0.0036	0.0012	0.0011	0.003	0.0044	
11.	Nickel as Ni	%	0.002	0.0018	0.0009	0.0024	0.0012	0.0013	0.006	0.0046	
12.	Cyanide as CN	%	Not Detected	Not Detecte	Not Detecte	Not Detecte	Not Detecte	Not Detected	Not Detecte	Not Detected	
13.	Fluoride as F	%	0.10	d 0.1	d 0.05	d 0.15	d 0.06	0.11	d 0.23	0.2	
14.	Arsenic as As	%	0.0009	0.0017	0.001	0.001	0.001	0.0011	0.0022	0.0023	
15.	Manganese as Mn	%	0.008	0.009	0.004	0.013	0.006	0.010	0.014	0.015	
16.	Moisture	%	3.29	5.02	2.25	2.63	4.25	5.15	2.05	3.83	
Remarks											
Any unusual feature observed during determination			Nil								

3.11 Composition Waste Material:

The major waste materials from the project are Red Mud and Fly Ash. The composition analysis of red mud and fly ash samples in terms of major composition and trace elements are given in **Table No. 3.20** & **Table No. 3.21** respectively.

Table No. 3.20
Composition Analysis of Red Mud

Sl. No	Parameters	Results	Unit
Major Composition			
1.	LOI	8.10	%
2.	TA	13.58	%
3.	THA	5.14	%
4.	T-SiO_2	4.88	%
5.	Fe_2O_3	61.33	%
6.	TiO_2	4.09	%
7.	CaO	1.14	%
8.	Na_2O	3.60	%
9.	P_2O_5	0.17	%
10.	V_2O_5	0.11	%
Trace Elements			
1.	Chromium	300	mg/l
2.	Copper	70	mg/l
3.	Nickel	100	mg/l
4.	Lead	41	mg/l
5.	Zinc	90	mg/l

Note: TA = Total Alumina, THA = Tri Hydrate Alumina. (THA is included in TA)

Table No. 3.21
Composition Analysis of Fly Ash

Sl. No	Parameters	Results	Unit
Major Composition			
1.	SiO_2	50.02	%
2.	Al_2O_3	25.39	%
3.	CaO	4.89	%
4.	MgO	1.64	%
5.	Fe_2O_3	7.56	%
6.	MnO	0.17	%
7.	TiO_2	1.11	%
8.	Na_2O	0.51	%
9.	K_2O	0.32	%
10.	P_2O_5	0.37	%
11.	SO_3	0.44	%
12.	UBC	7.32	%
Trace Elements			
1.	Arsenic	2.5	mg/kg
2.	Cadmium	3.0	mg/kg
3.	Chromium	0.5	mg/kg
4.	Copper	2.1	mg/kg

5.	Boron	85	mg/kg
6.	Nickel	5.0	mg/kg
7.	Lead	0.8	mg/kg
8.	Selenium	<0.2	mg/kg
9.	Zinc	7.6	mg/kg

Note: UBC = Unburnt Carbon.

Note: As per Schedule – I of *"The Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016"*; Red Mud and Fly Ash are excluded from the category of hazardous wastes. At present there is no plan for recovery of trace elements.

3.12 Leachability of the Waste Materials :

In order to determine the leachability of Red Mud and Fly Ash; the TCLP (Toxicity Characteristics Leaching Procedure) of the samples were carried out on the basis of USEPA Test Method 1311. The TCLP results of Red Mud and Fly Ash as presented at **Table No. 3.22** & **Table 3.23** respectively.

Table No. 3.22 TCLP Result of Red Mud

Sl. No	Parameters	Concentration in mg/l as per Schedule II Haz. Waste Rule 2016	Results	Unit
TCLP				
1.	Arsenic	5.0	0.5	mg/l
2.	Barium	100.0	20	mg/l
3.	Cadmium	1.0	0.11	mg/l
4.	Chromium	5.0	1.5	mg/l
5.	Mercury	0.2	<0.01	mg/l
6.	Lead	5.0	2.2	mg/l
7.	Antimony	15	<0.1	mg/l
8.	Selenium	1.0	<0.1	mg/l
9.	Zinc	250	<3.1	mg/l

Table No. 3.23 TCLP Result of Fly Ash

Sl. No	Parameters	Concentration in mg/l as per Schedule II Haz. Waste Rule 2016	Results	Unit
TCLP				
1.	Iron	--	1.0	mg/l
2.	Arsenic	5.0	0.11	mg/l
3.	Barium	100.0	3.6	mg/l
4.	Cadmium	1.0	0.24	mg/l
5.	Chromium	5.0	0.33	mg/l
6.	Copper	25.0	0.44	mg/l
7.	Lead	5.0	0.86	mg/l
8.	Antimony	15	<0.1	mg/l

9.	Selenium	1.0	<0.1	mg/l
10.	Zinc	250	2.33	mg/l
11.	Mercury	0.2	<0.01	mg/l

The Test Reports of Red Mud and Fly Ash w.r.t the above are given in **Annexure - 3.8 & Annexure - 3.9** respectively.

Note: Comparison of TCLP result of these wastes against the STLC (Soluble Threshold Limit Concentration) mentioned in Schedule - II of the said Rule indicates that the TCLP Results of these wastes do not exceed the STLC limit; hence are non-hazardous.

The end uses of Red Mud and Fly Ash are detailed in Chapter 4 at Section 4.4.12A & 4.4.12B respectively.

3.13 Biological Environment:

A natural ecosystem is a structural and functional unit of nature. It has components, which exists in harmony and survives by interdependence. Ecosystems have self-sustaining ability and control the numbers of organisms at any level by cybernetic rules. The effects of this are that an ecosystem does not become imbalanced.

Considering the rich bio-diversity of organisms, their role in productivity and their importance in human livelihood, it is vital to protect and safeguard these dynamic ecosystems.

Vegetation-Environment complex based on the mature ecosystem having interaction with climate-logical aspects on a particular edaphic system, leads to identification of certain patterns of the forest or vegetation composition. Whittaker has stressed that neither monoclimax nor poly climax govern either the distribution of vegetation units or their stability in space and time. For climax vegetation, he asserts that the pattern of populations should correspond to the patterns of environmental ingredients that occur as a partially stabilized steady state of climax forest or vegetation.

An ecological survey of the study area was conducted particularly with reference to listing of species and assessment of the existing baseline ecological (Terrestrial and Aquatic ecosystem) conditions. Considering the rich bio-diversity of organisms and their role in productivity and their importance in human livelihood, it is vital to protect and safeguard these dynamic ecosystems.

Objectives of Ecological Studies

The present study was undertaken with the following objectives:

- To assess the nature and distribution of vegetation in and around proposed plant site;
- To assess the nature and distribution of vegetation in and around the mine lease area;
- To assess the distribution of animal life spectra;
- To ascertain migratory routes of fauna and possibility of breeding grounds.

3.13.1 Description of Flora in the Study Area:

The flora of the study area can be broadly categorized under three groups: 1) hilly tract vegetation, ii) plain land vegetation and iii) aquatic vegetation. Vegetation of plain land can be subdivided in to vegetation of agricultural land, orchards, near inhabited area and along the road or railway lines.

The total forest area involved in this project is 104.335 ha. Spread over six villages the only patch in village Hatikhaman with areas are completely without forest. The following important species of flora are found in the area. The list of flora observed in the study area is given in the **Table No.3.24** below:

Table No. 3.24 List of Flora found in the Study Area

Sl. No.	Local Name	Species	Family
Tree Species:			
1.	Asan	Terminalia tomentosa	Combretaceae
2.	Achu	Morinda tinctoria	Rubiaceae
3.	Amba	Mangifera indica	Anacardiaceae
4.	Amla	Emblica officinalis	Euphorbiaceae
5.	Bahada	Terminalia belerica	Combretaceae
6.	Bandhan	Ougeinia oojenensis	Papilonaceae
7.	Barabakalia	Dalbergia paniculata	Papilonaceae
8.	Bhalia	Semicarpus anacardium	Anacardiacese
9.	Bheru	Chloroxylon swietenia	Meliaceae
10.	Bija/Piasal	Petrocarpus marsupium	Fabaceae
11.	Chara	Buchnania lanzan	Anacardiaceae
12.	Dhaman	Grewia tillaefolia	Tiliaceae
13.	Dhaura	Anogeissus latifolia	Combretaceae
14.	Harida	Terminalia chebula	Combretaceae
15.	Jamun	Syzygium cuminii	Myrtaceae
16.	Jhari (Kasaki)	Ficus tinctoria	Moraceae
17.	Karada	Cleistanthus collinus	Euphorbiaceae
18.	Kendu	Diospyrus melanoxylon	Ebenaceae
19.	Mahula	Madhuca indica / Bassia latifolia	Sapotaceae
20.	Palas	Butea monosperma	Papilonaceae
21.	Sal	Shorea robusta	Dipterocarpaceae
Shrubs / Herbs:			
1.	Apamarga	Achynthes aspera	Amaranthacea
2.	Bajramuli / Bisirip	Sida spp.	Malvaceae
3.	Bana-kolthi	Atylosia scarabacoides	Papilionaceae
4.	Bana-mirchi	Croton sparsiflorus	Euphorbiaceae
5.	Bana-nila / kulthi	Tephrosia purpurea	Fabaceae
6.	Begunia	Vitex negundo	Verbinaceae
7.	Dhatki	Woodfordia fruticasa	Lythraceae
8.	Khajuri	Phoenix spp.	Palmae
9.	Kurei / Keruan	Holarrhena antidysenterica	Apocynaceae

10.	Kulthia	Atylosia scarabaeoides	Fabaceae
11.	Kurudu	Gardenia spp.	Rubiaceae
12.	Pokasunga	Ageratum conyzoides	Asteraceae
Grasses:			
1.	Khadika grass	Aristida setacea	Gramineae
2.	Ghasa	Panicum spp.	Gramineae (Poaceae)
3.	Guguchia	Chrysopogon aciculatus	Gramineae (Poaceae)
4.	Duba	Cynodom dactylon	Gramineae (Poaceae)
5.	Sinkola	Heteropogon contortus	Gramineae (Poaceae)

- **Endangered Plants:**

Floristic studies were conducted during study period to know the presence of any endangered/threatened/endemic plant species in plant area and surrounding 10-km radius. The study area did not record the presence of any critically threatened species. The records of Botanical Survey of India and also from Forest department did not indicate presence of any endangered and or vulnerable species in this area.

- **Presence of National Park, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals:**

There is no National Park, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals neither in the Core Zone nor in the Buffer Zone (within 10 km aerial distance from the site). However, there are four nos. of Reserved Forests (RFs) [Sirigurha (8.8 Kms – N), Balia Kharha (6.4 Kms – ENE), Leliguma (9 kms – ENE), Titigurha (10 kms – ESE)] & one Protected Forest (PFs) [Masimandi (2.5 kms- S)] within the Buffer Zone.

3.13.2 Description of Fauna in the Study Area:

The project area as well as the surroundings are only barren hills. Hence wild animals are normally not seen in the area. However some reptiles and birds are seen in the area. The following wild animals are occasionally noticed within study area, given in **Table No. 3.25.**

Table No. 3.25 List of Fauna found in the Study Area

Sl. No.	Scientific Name	Common Name	Schedule
Reptiles:			
1.	Varanus salvator	Monitor Lizard	I
2.	Naja tripudians	Common Cobra	IV
3.	Bangarus coerulens	Common Krait	IV
4.	Bangarus fasciatus	Banded Krait	IV
5.	Chameleon spp	Bahurupi	II
Birds:			
1.	Columbia livia	Pigeon	-
2.	Coturnix coturnix	Common crow	-
3.	Milvus migrans	Common kite	-
4.	Passer domesticus	Common sparrow	-
5.	Psittacula columboides	Parrot	-

6.	Gallus gallus	Owl	-
7.	Streptopellica sp.	Dove	-
8.	Milvus migrans	Common pariah kite	-
9.	Cuculus microptens	Cuckoo	IV
10.	Bulbulcus ibis	Cattle egret	IV
11.	Acridotheres tristis	Myna	IV
Mammals:			
1.	Rattus rattus	Rat	-
2.	Orytologus cuniculus	Rabbit	-
3.	Funanbulus pennati	Squirrel	IV
4.	Herpestis edwardsi	Mongoose	IV
5.	Canis aureus	Jackal	II

- **Endangered Animals:**

A comprehensive Central Legislation namely Wild Life (Protection) Act was enforced in 1972. This law is to provide protection to wild animals and for matters related to their ancillary or incidental death. Schedule-I of this act included the list of rare and endangered species, which are completely protected throughout the country.

3.14 Forest and wildlife related issues (if applicable):

3.14.1 Forest Clearance:

As per the category-wise land use land cover given at **Table No.3.2**; out of the total acquired area of 1069.51ha., 104.335ha. is forest land; for which Forest clearance has been obtained vide letter no. 8-43/96-FC, dated 19th April, 1999 for 102 ha. & letter no.8-43/1996-FC (pt), dated 26th September, 2014 for 2.335ha. The copies of forest clearance are given in **Annexure - 3.10 (A)** &**Annexure - 3.10 (B)** respectively.

3.14.2 Site Specific Conservation Plan & Wildlife Management Plan:

The letter of approval w.r.t. the **"Site Specific Conservation Plan & Wildlife Management Plan"** and the approved copy of the same is given at **Annexure – 3.1.**

3.15 Socio-Economic Environment:

Socio-economic study is an important and integral part of environmental study. The proposed expansion projects will have some impact (adverse or beneficial) on the environment. The impact may alter the socio-economic status of the society in several ways. Hence, it is important to conduct socio-economic studies and assess the impacts envisaged by upcoming projects on the socio-economic conditions of the study area.

Social Impact Assessment had been carried out by exerts of Utkal University, Bhubaneswar, Odisha. The study was carried out in 24 villages around the project site. The same covered in section 7.5 and enclosed as **Annexure – 7.1.**

3.15.1 Objective of Socio-Economic Study:

- To know the demographic profile of the area.
- Source of livelihood and income of the resident of the area.
- Social, medical and other infrastructural facilities available in the area.
- Health and sanitation.
- Overall socio-economic status of people.
- With the knowledge about the above points, to chalk out a strategy for socio-economic development plan of the area.

The study is based on the information collected from secondary sources like the Census of India, 2011 and field visit with sample questionnaire and relevant answer from local community.

The study is centered upon socio-economic parameters viz. demography, occupational structure, work force participation, medical facility, communication facility, literacy etc. of the study area. Information regarding the skilled and unskilled manpower available in the study area has also been collected.

The fundamental objective of Social Impact Assessment (SIA) is to assess the range of potential impacts on the communities & families due to the proposed project and provide planners, decision makers and managers with a competent assessment of the anticipated social impacts and to assist the project proponent in meeting the challenges for sustainable development.

The industrial activity in an area has long term irreversible impact on local, sociological, cultural and economic situation. In order to evaluate socio-economic impact of the project, an extensive study on the existing status has been carried out in the study area. This study evaluates both positive and negative impacts of M/s. Utkal Alumina International Ltd. on the local inhabitants. The socio-economic study in the present case includes demographic structure, population dynamics, infrastructure resources, status of human health and economic attributes like employment, per-capita income, agriculture, trade, industrial development etc. in the project area.

The data collection on the impact of the proposed project on the socio-economic aspects in the study area has been done through analysis of various secondary data and supplemented by the primary data generated through the process of limited socio- economic survey in the villages.

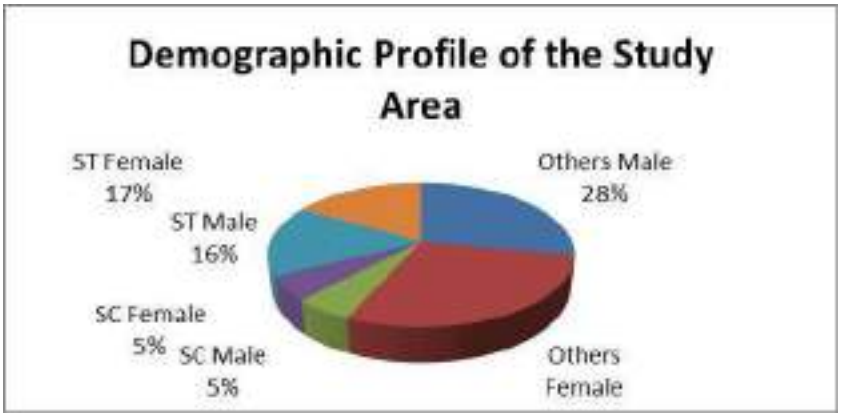
3.15.2 Selection of Study Area and Sample respondents:

Details of all the villages falling in the Core and Buffer Zone area was compiled from key plan map provided by the project proponent. This key plan was used to prepare the list of villages in close proximity of proposed expansion project. Households are selected for socioeconomic survey in core and buffer zone villages. List of selected villages for undertaking socioeconomic survey is given in **Annexure - 3.12.**

3.15.3 Socio-economic Profile of the Study Area:

Demography:

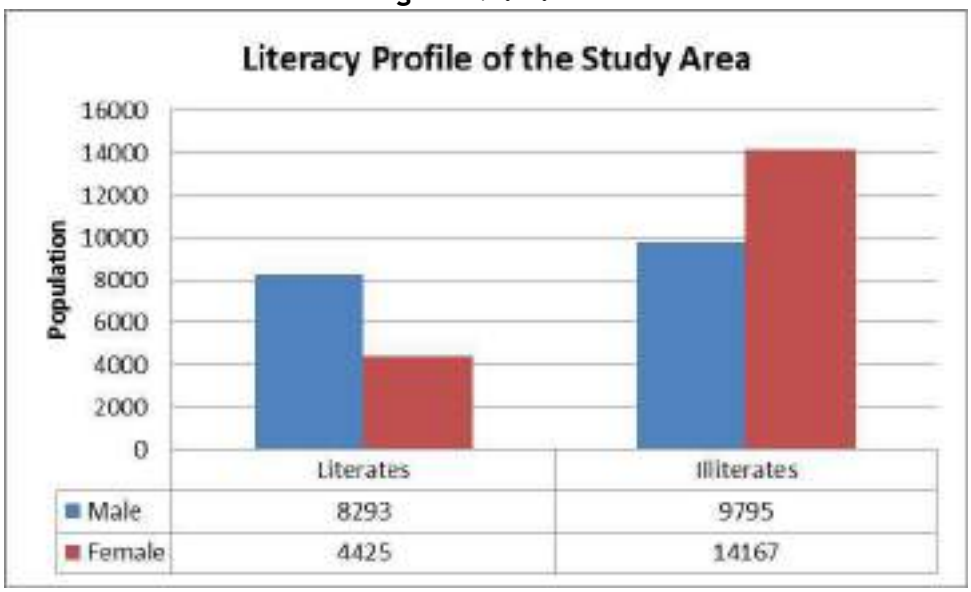
The demography of the study area is summarized from census data 2011 for Rayagada district. There are 67 no of village present in the buffer zone. Total house hold of the area is 8821 nos. with total population of 36,680. Total male population is 18088 and female population is 18592. As per Census 2011 the sex ratio of the area is 1028 females per 1000 of male population. Total SC population of the area is 6925 (19%) with 3412 male and 3513 female. Total ST Population of the area is 21086 (57%) with 10318 male and 10768 female. Population below 6 years is 6365 with male of 3189 and female of 3176. **Figure No. 3.22**



Literacy:

Out of the total population within the study area, 12,718 persons are literate which contribute about (34.7%) of total population within the buffer zone. Out of the total literate, male literacy is contributed by 8293 (65.2%) and female literacy is contributed by 4425 (34.8%). It is observed that the illiteracy percentage is more among the female (59.1%) as compared to the male illiteracy rate (40.9%). 23962(65.3%) of the total population of the study area is illiterate.

Figure No. 3.23



Occupation:

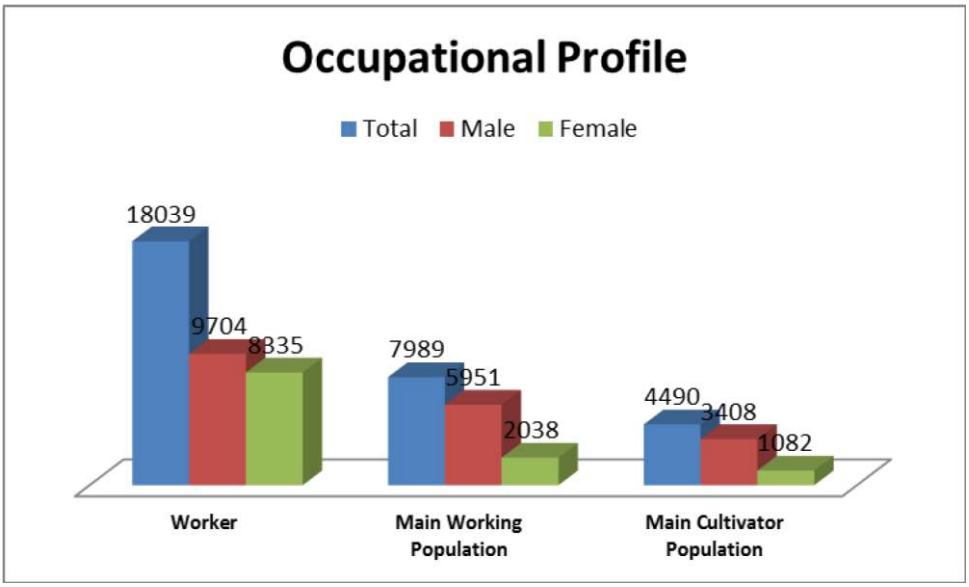
The work force classification in the study area helps in formulating strategies in any development program. It also helps in identifying the potential workforce, their aptitude, skill etc. in any targeted population. Keeping this in view, in the present study an attempt was made by the study team to collect information on the occupational profile of the people within the sample villages during primary survey and also verified the field data with census data of 2011.

As per the census 2011 the work group participation of the study villages are as follows:

- Out of the total population 18039 persons which shares 49.2% of total population are workers. Rest 18641 (50.8%) persons are non-workers. This can be inferred that more than half of the total population is having no livelihood opportunity.
- Regarding workforce participation rate of both the sexes, the data reveals that female workforce participation rate is comparatively low with respect to male. Out of the total working population 9704 (53.8%) are male and 8335 (46.2%) are female.

Out of the total workers 7989 (44.3%) are main workers and 10050 (55.7%) are marginal workers. The main worker population is dominated by male 5951 (74.5%) and the marginal worker population is dominated by female 2038 (25.5%).

Figure No. 3.24



Distribution of Population:

As per 2011 census the study area consisted of 36680persons. The distribution of population in the study area is shown in **Table No. 3.26.**

Table No. 3.26 Distribution of Population in General Study Area

Particulars	General Study Area
No. of Households	8821
Male Population	18088

Female Population	18592
Total Population	36680
Sex ratio	1028

Availability of Infrastructure:
The infrastructure and amenities available in the study area denotes the economic wellbeing of the region. The study area as a whole possesses poor to moderate level of infrastructure facilities.

A review of infrastructure facilities available in the area has been done based on the information given in District Census Handbook. The Infrastructure facilities available in the study area are described in the subsequent sections.

Educational Facilities:
The educational facilities are not evenly distributed in the area. There are 73 primary schools, 14 middle schools, 2 high schools and no colleges in the study area. The available educational facilities in the rural areas of the study area as per 2011 census.

Health Facilities:
As far as Health care facilities are concerned, 4 Govt. run PHCs are available in nearby villages at Tikiri, Kucheipadar, Dongasil & Gorakhpur including our Medical centre run by the company at Nuapada. At our Medical centre, in Nuapada daily on an average more than 225 patients get free health care facilities. In addition to the above, there is a Govt. run CHC at Kashipur. Hence the Health care facilities available around the project area is moderate.

Transport Facilities:
The study area was served by rail and road transport facilities. As a whole, the study area had a moderate level of communication network.

Post and Telegraphs:
The study area had moderate level of Post and Telegraphic services.

Electrification:
About all of the villages were having electric supply in the study area. Electricity was supplied for domestic, agricultural and public lighting purposes.

Drinking Water Facility:
Water supply in the study area was mainly from wells, over-head tanks, hand pumps, tubewells and River.

Places of Historical and Tourist Importance:
No important places of historical importance are situated in the study area. However, there are some important cultural/religious and ritual sites present in the study area. M/s. UAIL has

extensively studied the area to identify these locations by engaging an anthropologist. Some of the important religious/ritual sites identified during the study are mentioned below.

Thakur Shrine:

This shrine is a place for ancestor worship. The shrine itself is a small replica of a Kondha hut and a set of wooden mundas.

Ranbanus Spot:

This is a landmark signifying an ancient war between the local Rajas (kings). The landmark is a large rocky outcrop. The landmark is located on a hill slopes, which is at an elevation of about 4-m above the road level.

CHAPTER - 4 ANTICIPATED ENVIRONMENTAL IMPACTS & MITIGATION MEASURES

4.1 Anticipated Environmental Impacts & Mitigation Measures:

4.1.1 Identification of Impacts:

The impact assessment process systematically identifies, characterizes and evaluates the potential impacts arising out of the proposed expansion project and prioritizes them, so that they can be effectively addressed through proper Environmental Management Plan. As per the International Organization for Standardization (ISO) Standard for Environmental Management System (EMS) ISO 14001: 2004; *Environmental Aspect* is defined as "an element of an organization's activities, products or services that can interact with the environment" and *Environmental Impact* is defined as: "any change to the environment, whether adverse or beneficial, wholly or partially resulting from an organization's activities, products or services".

In this chapter an effort has been made to identify various environmental, social and ecological impacts due to proposed expansion project during construction and operation phases. The corresponding mitigation measures to take care of the adverse impacts are also discussed in this chapter. The identification and appraisal of various impacts on the proposed expansion project on the study area is based on the inventory of expected pollutants as well as baseline status.

The impacts have been assessed for the proposed expansion project assuming that the pollution due to proposed activities has already been covered in baseline environmental monitoring.

These impacts are identified based on the possible worst case emission, effluent discharge and waste generation from the proposed expansion project and also taking into consideration of the

base line environmental status at the existing plant. All the potentially significant environmental impacts from the project are:

- Impact on Air Environment
- Impact on Noise Environment
- Impact on Water Environment
- Impact due to disposal of Solid Wastes
- Impact due to Hazardous Wastes
- Impact on Soil Environment
- Impact on Ecology
- Impact on Greenbelt
- Impact on Traffic
- Impact on Health
- Impact on Energy
- Impact on Human Environment
- Impacts on Socio-Economics

The Environmental and Social impacts can be induced during construction and operation phases. The environmental and social impacts can be categorized as either primary or secondary. Primary impacts are those, which are attributed directly due to the proposed project and secondary impacts are those, which are indirectly induced. Some impacts are short term and some long term. The various probable impacts are discussed below:

The proposed expansion project likely to create impact on the environment in two distinct phases:

- Impact during Construction phase: Temporary and short term.
- Impact during Operation phase: Have long term effects.

4.1.2 Methodology of Impact Assessment

The information/ data (technical data, policy matter, approach to environmental protection etc.) provided by the proponent about the proposed expansion project and primary base line environmental status collected through field visits / monitoring during the pre-monsoon period (1st March to 31st May 2017) form the basis to predict the impact on all individual component and environment. The environmental impact has been assessed keeping in view the predicted results primarily based on design details and base line data monitored during study period.

The various probable impacts on the environment during the construction and operation phase have been studied to estimate the load on the environment.

4.1.3 Evaluation of Impacts

There are three principal methods for identifying environmental impacts and its effects; i.e.

Checklists, Matrices and Flow Diagrams.

(a) Checklists:

Checklists are comprehensive lists of environmental effects and impact-indicators designed to stimulate the analysts to think broadly about possible consequence of contemplated action. The checklist methodologies range from listing of environmental factors to highly structured approaches involving importance weightings for factors and the application of scaling techniques for the impacts of each alternative on each factor.

The environmental issues those are considered include:

- Ambient Air Quality
- Noise Level
- Surface Water Quality
- Ground Water Quality
- Water Resources
- Soil Quality
- Waste Generation
- Land Use Pattern
- Ecology
- Economic Benefits
- Employment
- Infrastructure Development
- Peripheral Social Development
- Health Safety
- Aesthetic
- Displacement and Rehabilitation

(b) Matrices:

Matrices typically employ a list of human action in addition to a list of impact indicators. The two are related in a matrix, which can be used to identify cause and effect relationships. The environmental attributes that may be affected due to the construction and operation of the proposed expansion project are:

- Ambient Air Quality
- Noise Level
- Surface Water Quality
- Ground Water Quality
- Water Resources
- Soil Quality
- Waste Generation
- Land Use Pattern
- Ecology
- Economic Benefits

- Employment
- Infrastructure Development
- Peripheral Social Development
- Health Safety
- Aesthetic
- Displacement and Rehabilitation

(c) Flow Diagrams (Network Method):

Flow diagrams are used to identify action (cause)-effect-impact relationship. It helps the analysts to visualize the connection between action and impacts.

Of the three, the matrix method is chosen to list the potential impacts of the proposed expansion project during construction, operation and post operation phases.

The impact identification matrix is presented in **Table No.4.1.** The impacts beneficial or adverse have been analyzed in the subsequent paragraphs.

Table No.4.1 Impact Identification Matrix

Activity / Environmental Attributes	Construction			Operation				Post Operation		
	Civil Construction	Mech. Fabrication	Movement of Labour Force	Raw Material Handling & Storage	Process	Product Handling & Storage	Pollution Control	Env. Magt.	Transport	Urbanization
Ambient Air Quality	-	*	*	-	-	-	+	*	-	-
Noise Level	-	-	*	-	-	-	+	*	-	-
Surface Water Quality	-	*	-	-	-	*	+	*	*	-
Ground Water Quality	-	*	*	-	-	*	*	*	*	-
Water Resources	-	*	-	-	-	*	+	*	*	-
Soil Quality	-	*	*	-	*	*	+	*	*	-
Waste Generation	-	-	-	-	-	*	+	*	*	-
Land Use Pattern	-	-	*	-	-	-	+	*	-	-

Ecology	*	*	*	*	-	*	+	*	-	-
Economic Benefits	+	+	+	+	+	+	+	+	+	+
Employment	+	+	+	+	+	+	+	+	+	+
Infrastructure Development	+	+	+	+	+	+	+	+	+	+
Peripheral Social Development	+	+	+	+	+	+	+	+	+	+
Health & Safety	-	-	-	-	-	-	+	*	-	+
Aesthetic	-	-	-	-	-	-	*	+	-	-
Displacement and Rehabilitation	*	*	*	*	*	*	*	*	*	*

Note: *+ = Positive or beneficial impact*
- = Negative or adverse impact
** = No impact.*

The description of the proposed expansion of the Alumina Refinery and Co-generation Power Plant of M/s Utkal Alumina International Ltd., Doraguda, Rayagada, Odisha and the baseline status in the core as well as in the buffer zone has been dealt in details in the earlier chapters. These information forms the basis of impact prediction and assessment component of Environmental Impact Assessment (EIA) of the proposed expansion project and the same is discussed in this chapter and the evaluation of these impact is described in subsequent chapter.

4.1.4 Matrix Method

The identification and prediction of impacts on various environmental parameters is followed up by quantification of impacts. There are several methods available to quantify the environmental impacts. (The Leopold matrix method is one of the most widely adopted and has been used for quantification of impacts for this study). The methodology involves *first*, the identification of activities, which occur during the different phases of the project (Construction, Operation & Post-operation) and *second*, their likely impacts on the environmental components.

4.1.5 Step-I: Calculation of Parameter Importance Value (PIV) :

In this method, the effect of various activities on the Components of Environment is ranked on a scale of 1 to 5 based on the order of increasing importance to arrive at the Parameter Importance Value (PIV).

The score of each parameter has been converted to a weightage (w) factor and then PIV is calculated by multiplying each value by a factor of 1,000 so that the sum of all the PIVs becomes 1,000.

Table No. 4.2 *PIV* Matrix

Environmental Components	*Importance Rank*	*Weightage (w)*	*PIV=wx1000*
Ambient Air Quality	4	0.10	*102.564*

Noise Level	2	0.05	*51.282*
Surface Water Quality	3	0.08	*76.923*
Ground Water Quality	2	0.05	*51.282*
Water Resources	2	0.05	*51.282*
Soil Quality	1	0.03	*25.641*
Waste Generation	4	0.10	*102.564*
Land Use Pattern	2	0.05	*51.282*
Ecology	1	0.03	*25.641*
Economic Benefits	4	0.10	*102.564*
Employment	4	0.10	*102.564*
Infrastructure Development	3	0.08	*76.923*
Peripheral Social Development	2	0.05	*51.282*
Health & Safety	2	0.05	*51.282*
Aesthetic	2	0.05	*51.282*
Displacement and Rehabilitation	1	0.03	*25.641*
Total	**39**	**1.00**	**1000.000**

4.1.6 Step-II: Calculation of Score of Environmental Components (SEC) & Total Impact Score (TIS):

The matrix used for EIA consists of Project Activities on the X-axis and the Environmental Components likely to be effected by such activities on the Y-axis.

The degree of impact on the Individual Environmental Components due to each Anticipated Project Activity is graded as per the index scale given below:

Table No. 4.3

Index Scale for Impact of Environmental Components due to Project Activities

SL. NO.	DEGREE OF IMPACT	IMPACT VALUE (I)
1	Minimal	0-2
2	Moderate	3-4
3	Appreciable	5-6
4	Significant	7-8
5	Extreme	9-10

A (+) or (-) sign has been assigned to each value depending on its beneficial or detrimental effect.

The environmental impact has been framed with 10 major project activities (covering Construction, Operation and Post Operation Phases) as column in X-axis and 16 Environmental Components as rows in Y-axis.

The PIV values for each row are determined in the PIV Matrix are placed at the first column. An appropriate impact value based on judicious subjective assessment is assigned to each of the project activity. The impact Score for each environmental component (SECi) has been calculated as under:

$$SECi = (PIVi) \sum_{j=1}^{n} Iij$$

Where, Iij is the Impact Value (on a scale of 0 to 10 positive or negative) due to the effect of a project activity (j) on the environmental component (i).

The n= total number of project activities.

The Total Impact Score (TIS) is arrived at as follows:

$$TIS = \sum_{i=1}^{m} SCi$$

Where m= total number of environmental components.

The Total Impact Score (TIS) is determined as per the procedure outlined above. The score has been evaluated against the following Assessment Value Index Scale. The Matrix Method is listed in **Table No. 4.4.** The Total Impact Score is given in **Table No. 4.5.**

Table No. 4.4
Matrix Method

Up to (-) 2000	:	No appreciable impact on environment. Adverse impact is minimal.
(-) 2000 to (-) 4000	:	Appreciable impact on environment but not injurious in general. Adequate mitigating measures are important.
(-) 4000 to (-) 6000	:	Significant impact upon the environment. Major environmental control measures to be taken.
(-) 6000 to (-) 8000	:	Major injuries/impact on environment. Site selection to be considered
(-) 8000 and above	:	Alternative site to be considered.
Up to 2000	:	Minimally beneficial.
Up to 4000	:	Moderately beneficial.
Up to 6000	:	Appreciably beneficial.
Up to 8000	:	Significantly beneficial.
8000 and above	:	Extremely beneficial.

Table No. 4.5

Impact Identification Matrix (Calculation of TIS)

Environmental Components	PIV	Construction	Operation	Post Operation

		Civil Construction	Mech. Fabrication	Movement of Labour Force	Raw Material Handling & Storage	Process	Product Handling & Storage	Pollution Control	Environment Management	Transport	Urbanization	SEC (Score of Environmental Components)	TIS (Total Impact Score)
Ambient Air Quality	102.564	-1	0	0	-2	-4	-1	3	3	-2	-2	-615	4923
Noise Level	51.282	-1	-2	0	-1	-3	-1	2	1	-1	-3	-462	
Surface Water Quality	76.923	-1	0	-1	-2	-2	0	2	3	0	-1	-154	
Ground Water Quality	51.282	-1	0	0	-2	-2	0	2	3	0	-1	-51	
Water Resources	51.282	-1	0	-1	-1	-3	0	2	3	0	-1	-103	
Soil Quality	25.641	-2	0	0	-2	0	0	2	3	0	-1	0	
Waste Generation	102.564	-1	-1	-1	-2	-6	0	1	1	0	-1	-1026	
Land Use Pattern	51.282	-3	-2	0	-1	-1	-1	1	3	0	1	-154	
Ecology	25.641	0	0	0	0	-2	0	3	3	-1	-3	0	
Economic Benefits	102.564	2	2	3	3	3	3	3	3	3	3	2872	
Employment	102.564	3	1	2	2	3	2	2	3	2	3	2359	
Infrastructure Development	76.923	3	2	3	2	2	2	2	3	1	2	1692	
Peripheral Social Development	51.282	2	2	2	2	2	2	3	3	2	3	1179	
Health & Safety	51.282	-1	-2	-1	-1	-3	-2	2	2	-2	2	-308	
Aesthetic	51.282	-2	-1	-1	-1	-2	-1	2	3	-1	-2	-308	
Displacement and Rehabilitation	25.641	0	0	0	0	0	0	0	0	0	0	0	

Conclusion:

The Total Impact Score due to the proposed project activities on the environmental components is evaluated as (+) 4923; which indicates that the proposed expansion of the existing project is "appreciably beneficial".

4.2 Impact due to Expansion Project and its Mitigation:

Impact prediction is a way of 'mapping' the environmental consequences of the significant aspects of the project and its alternatives. Environmental impact can never be predicted with absolute certainty and this is all the more reason to consider all possible factors and take all possible precautions for reducing the degree of uncertainty.

The objective of having an EIA for the proposed plant under consideration is to identify the potential impacts on the site specific prevailing environmental setting and degree of impacts. This will enable to draw up an appropriate Environmental Management Plan (EMP) to consider other alternatives so as to ensure that the proposed activity does not impair the present environmental setting beyond the assimilative capacity of the region and ambient and other environmental standards are not exceeded at any point of time. This is because ambient standards are maintained to protect human health with an adequate margin of safety.

The description of the proposed project and the existing baseline status in the core as well as in the buffer zone has been dealt in details in Chapter -2 & 3 respectively. These information forms the basis of Environmental Impact Assessment (EIA) of the proposed project and the same is discussed in this chapter with the prediction and assessment of significance of these impact.

4.3 Impacts during Construction Phase and Mitigation Measures:

Salient activities during the construction phase having potential for inducing either environmental or social impacts are described below. Incidentally, most of the activities during construction phase induce only short-term environmental impact. However, social impacts arising out of land oustees and loss/change in occupational structure if applicable often become long-term affairs. Construction phase activity involves infrastructure development like leveling/grading to bring the site to a condition for commencing of Construction Work, Civil Construction i.e. foundation work and super structure for plant facilities, erection of boilers, equipment for alumina refinery, laying out of pipe lines, laying of electrical cables and drainage system etc. In this proposal the impact due to construction will be less.

(a) Site Development:

Site development is one of the prime activities for any project. This activity mainly involves clearing of the land from all hindrances including dismantling of houses, trees and vegetation and in many a cases land leveling/grading is to bring the site to a condition of starting construction work. The proposed expansion of alumina refinery and Co-gen Plant will be carried out inside the existing premises where site is already been developed with existing plant facilities. Moreover, no additional land needs to be acquired and hence no R & R issues involved. So, impact due to site development is negligible.

(b) Civil & Structural Work:

Generally the work can be divided into two groups, foundation work and structural work. Certain foundation work may involve pile-driving rigs etc. These activities may generate noise

pollution. Besides, foundation work will involve trench cutting excavation and concreting work. Dust pollution, especially during dry season, can create the problem unless appropriate measures are adopted to contain/ minimize the dust nuisance. The structural work will involve steel and concrete work, masonry work etc. and will involve use of equipment like hoists, cranes, mixers, welding sets etc. There may be dust, noise and gaseous pollution from this work.

Concreting work will demand considerable amount of water. This may induce impact on local hydrology also in specific cases, if not taken care of specifically. Adequate measures shall be taken to minimize the pollution created by noise, dust etc. to the accepted level by the statutory authorities. Construction water can be sourced from existing water supply facilities of the plant without effecting local hydrology. During construction stage water will be required for dust suppression, civil construction and domestic purposes. So the dust emission and noise will pose some impact on environment. However, the dust emission will be controlled by water sprinkling. Noise will be controlled by adoption of adequate preventive measures. By taking adequate precaution, the impact due to fugitive emission and noise will be reduced to negligible level.

(c) Mechanical & Electrical Erection:

The mechanical erection work involves extensive use of mechanical equipment for storage, retrieval and erection, site fabrication etc. leading to considerable noise pollution and air pollution to some extent. Electrical work, however, is less polluting.

The level of noise pollution etc. will be to the minimum level by adopting modern technology with noiseless machinery / provision of acoustic enclosures. Moreover, as there is no habitation, this will have no impact on the population.

(d) Source of Construction Materials:

For any large project of this nature the requirement of stone chips and sand for the construction work is considerable. First of all, sources of these two prime construction materials, which are available in nature, should be abundantly available nearby. Otherwise, transportation of these materials from distant sources will unnecessarily cause short-term local impact spread over a long distance due to longer transportation route. As in this case, civil construction activity is limited to foundation work and flooring only and all other auxiliary facilities are already available in the proposed plant so less material will be required which will be availed from local area. So impact due to this activity will be less.

(e) Housing & Other Human Requirements:

This activity covers the arrangement for housing and living requirements for the construction workers. Most of the work in construction phase is labor-intensive. In fact the site will be having more workers during construction phase than during operating phase. A large number of them will be coming from immediate neighborhood. Unless steps are taken in advance to meet the construction stage demand, short term large scale immigration may have immense impact on

local housing, civil facilities, education, health and culture. All this matter will therefore be taken into account before start of construction activities to eliminate/minimize potential impacts.

Hence, it is envisaged that, the impacts during construction phase are basically localised and are of short-term in nature.

(f) Air Environment:

The sources of air pollutants during construction phase comprise of construction activities, which include movement of vehicles used for transportation of men & materials and operation of construction equipment. Emissions of air pollution due to these activities are expected to degrade the air quality, primarily in the working environment their by affecting the construction employees.

The Suspended Particulate Matters including PM_{10} & $PM_{2.5}$ in the ambient air will be settling within a short distance closed to the construction site; so measures need to be taken to protect the construction workers. Moreover the impact is unlikely to spread sufficiently to affect the surrounding of the construction site. Traffic to the site during construction will be more than the present level in normal operating conditions. Hence, it will subject proposed roads to more stress. The present road conditions are reasonably good for proposed movement of traffic. Gaseous emissions like SO_2 and NO_x are also anticipated as a result of burning of fuel during construction phase due to operation of machinery/equipment. There will be fugitive emission during construction phase which will pose some impact on ambient quality. This is temporary for short duration and reversible in nature and restricted to small area only. By suitable air pollution control measures such as dust suppression through water sprinkling and use of road sweeping machine this impact will be mitigated.

(g) Water Environment:

During the construction phase of proposed expansion project, Total water requirement is estimated as 150-200 m^3/day on an average. Water will be used for construction of civil work, dust suppression and drinking purpose. The water will be sourced from the existing plant water supply system. Waste water generated during construction phase will be mainly due to domestic activities. The construction workers will be using existing infrastructure of the plant and domestic effluent will be treated in the STP at plant. At present the unit is drawing about 50% of water against the permitted / sanctioned amount. The additional load during construction phase is estimated to be only 1% of the sanctioned amount of 9 cusec (i.e. 22,019 m^3/day). So there will be no additional impact on water resources due to this.

Debris, mud etc. will be generated during construction. During the monsoon season, there is chance of wash out of mud and debris in the run-offs. This may result in suspended solids and turbidity in run offs water during the monsoon period. However, this impact will be temporary in nature and will be lasting only for the duration of the construction period. Moreover, storm water run-offs will occur only during the monsoon season which last for about three months in

the study area. Already settling tank has been provided at storm water drains of existing plant to reduce the suspended solids content of storm water.

(h) Noise Environment:

The general noise levels due to construction activities such as welding, fabrication, and erection of furnaces and equipment and machinery installation may sometimes go up to 80-90 dB (A) at the work sites during day time for very shot interval. The workers in general are likely to be exposed to a noise level of 65 – 75 dB (A) in 8 hour shift for which statutory precaution as per the law will be implemented. Use of Proper Personal Protective Equipment will further mitigate any adverse impact of noise on the construction workers. However, these impacts are short term, intermittent, temporary, reversible in nature and limited to within the construction site area.

(i) Solid Waste:

During construction phase, solid waste such as excavated soil, debris, metal cutting, cotton waste, oil and grease from machineries/vehicles used in construction etc. will be generated. The excavated top soil will be stacked with grass turf and will be used for back filling/plantation. The other wastes will be collected and segregated and will be disposed of properly without causing any public nuisance and environmental contamination. Certain hazardous wastes such as; used oil filter & used oil etc. will be generated during constructional activities. The management, handling & disposal of the hazardous wastes will be carried out in accordance with "*The Hazardous Waste and Other Wastes (Management and Handling) Rules, 2016*". The generation of solid waste during construction phase will be temporary in nature and will be confined to the construction site only. Hence the impact due to this will be insignificant, reversible and short term in nature.

(j) Socio-economic Environment:

The construction will involve generation of a lot of employment, both direct & indirect, which will affect the economy of the study area. But these impacts will be temporary and will revert back close to the original conditions once the construction work is over and the temporary labor force moves away.

It is envisaged that, depending upon day-to-day construction activities maximum 5000 persons per day will be engaged during the construction phase. Most of the unskilled and skilled labor will be by and large available from the locality. Thus, impact on the physical and aesthetic resources will be minimal. Further local skilled and unskilled laborers will get direct and indirect employment during the construction phase. Hence, short-term positive impacts on socio-economic conditions of the area are anticipated during the construction phase.

4.4 Impact during Operation Phase and Mitigation Measures:

With the expansion of the Alumina Refinery Plant along with Co-generation Power Plant, the anticipated environmental impacts are summarized in **Table No. 4.6.**

Table No. 4.6 Anticipated Environmental Impacts

Sl. No.	Source / Activity/ Section/Area	Type of Pollution & Pollutants
1.	Bauxite Conveying System	Air Pollution (PM)
		Solid Waste (Bauxite Dust)
2.	Bauxite Stacking & Reclaiming.	Air Pollution (PM)
		Water Pollution (TSS)
		Solid Waste (Sedimentation Cake)
3.	Secondary Crushing of Bauxite	Air Pollution (PM)
		Noise Pollution (Sound Pressure Level)
		Solid Waste (Bauxite Dust from dust extraction system)
4.	Bauxite Grinding	Air Pollution (PM)
		Water Pollution (TSS, pH, COD)
5.	Slurry Heating & Pre-desilication	Water Pollution (TSS, pH, COD)
		Solid waste generation (Red Mud)
6.	Digestion, Flashing & Dilution	Water Pollution (TSS, pH, COD)
		Solid waste generation (Red Mud)
7.	*Red Mud Separation - Clarification by High Rate Thickeners (HRT) [High Rate Decanters].*	Water Pollution (TSS, pH, COD)
		Solid waste generation (Red Mud)
8.	*Red Mud Washing by Mud Washers [Deep Cone Washers].*	Water Pollution (TSS, pH, COD)
		Solid waste generation (Red Mud)
9.	Flocculent Preparation	Water Pollution (pH, COD)
10.	*Liquor Causticisation*	Water Pollution (TSS, pH, COD)
		Solid waste generation (Red Mud)
11.	*Red Mud Disposal by HCSD - Geho Pumps*	Water Pollution (TSS, pH, COD)
12.	Security Filtration (of Slurry from Dilution Tank) by DiastarFilters.	Water Pollution (TSS, pH, COD)
13.	Cooling by Plate Heat Exchanger (PHE).	Water Pollution (TSS, pH, COD)

14.	Precipitation	Water Pollution (TSS, pH, COD)
15.	Hydrate Classification- Seed & Product Hydrate Filtration in rotary disc filter.	Water Pollution (TSS, pH, COD)
16.	Evaporation	Water Pollution (TSS, pH, COD)
17.	Condensate storage	Water Pollution (TSS, pH, COD)
18.	Product Hydrate Washing in	Water Pollution (TSS, pH, COD)
	Horizontal Rotary Pan Filters.	
19.	Alumina Hydrate Storage	Air Pollution (PM)
20.	Calcination	Air Pollution (PM, SO_2, NOx)
		Solid Waste (Alumina Dust)
21.	Alumina Handling & Storage	Air Pollution (PM)
22.	Lime Handling Plant	Air Pollution (PM)
		Water Pollution (TSS)
		Solid waste generation (Lime Grit)
23.	Caustic and HFO Unloading & Storage	Water Pollution (Oil & Grease)
24.	Process Waste Water & Surface Run-off Management	Water Pollution (TSS, pH)
		Solid waste generation (Sludge)
25.	Red Mud Pond and Red Mud Filtration Unit	Air Pollution (PM)
		Water Pollution (TSS, pH, COD)
26.	Coal Storage Yard	Air Pollution (PM)
		Water Pollution (TSS)
27.	Coal Handling Plant	Air Pollution (PM)
28.	Boiler Turbine Generator (BTG) Unit	Air Pollution (PM, SO_2, NOx)
		Water Pollution (TDS)
		Solid waste generation (Ash)
29.	Ash Handling Plant	Air Pollution (PM)
		Water Pollution (TSS)
		Solid Waste Generation (Ash)
30.	DM Plant and Cooling Water System	Water Pollution (pH)
		Solid waste generation (Sludge)

4.4.1 Sources of Air Pollution

The point source emissions will be mainly from the stacks attached to;

- The Calciner of the Alumina Refinery
- The boilers of the Co-generation Power Plant.

Fugitive emissions are envisaged due to raw material handling & storage, product handling & storage, waste handling & storage as listed below;

- Bauxite conveying;
- Bauxite storage yard;
- Coal storage yard;
- Bauxite Crushing;
- Coal Crushing;
- Alumina Handling;
- Red Mud and Fly Ash Handling & Disposal Storage Area
- Lime & Lime Grit Handling.

The sources of air pollution along with pollutants are summarised in **Table No. 4.7.**

Table No. 4.7 Air Pollution Sources & Pollutants

Sl. No.	Source / Activity/ Section/Area	Type of Pollutants
1.	Bauxite Conveying System	Particulate Matter
2.	Bauxite Stacking & Reclaiming.	Particulate Matter
3.	Secondary Crushing of Bauxite	Particulate Matter
4.	Bauxite Grinding	Particulate Matter
5.	Alumina Hydrate Storage	Particulate Matter
6.	Calcination	Particulate Matter, Sulphur Dioxide & Nitrogen Oxide
7.	Alumina Handling & Storage	Particulate Matter
8.	Lime Handling Plant	Particulate Matter
9.	Red Mud Pond and Red Mud Filtration Unit	Particulate Matter
10.	Coal Storage Yard	Particulate Matter
11.	Coal Handling Plant	Particulate Matter
12.	Boiler Turbine Generator (BTG) Unit	Particulate Matter, Sulphur Dioxide & Nitrogen Oxide
13.	Ash Handling Plant	Particulate Matter

4.4.2 Impact Assessment on Air Environment

It is envisaged that, the air pollution due to point source emissions are significant in terms of quantity and the type of pollutants. The point source emissions from the stacks attached to Calciner and the stacks attached to Co-gen Power Plant are of paramount importance. The details of point source emissions due to these stacks are summarised in the following **Table No. 4.8** which is self-explanatory.

Table No. 4.8 Modeling Input for Alumina Refinery and Co-generation Power Plant

Sl. No.	Parameter	Existing					Proposed		
		Stack – 1 (Line - 1 Calciner of Alumina Refinery) - [Single Flue]	Stack – 2 (Line - 2 Calciner of Alumina Refinery) - [Single Flue]	Stack – 3 (90 MW Power Plant) - [Multi Flue]			Stack – 4 (Line - 3 Calciner of Alumina Refinery) - [Single Flue]	Stack – 5 (60 MW Power Plant) - [Multi Flue]	
				Flue -1	Flue - 2	Flue – 3		Flue -1	Flue - 2
1.	Connected to	2500 TPD Calciner	2500 TPD Calciner	300 TPH Boiler	300 TPH Boiler	300 TPH Boiler	2500 TPD Calciner	300 TPH Boiler	300 TPH Boiler
2.	Fuel Use	Furnace Oil	Furnace Oil	Coal	Coal	Coal	Furnace Oil	Coal	Coal
3.	Mass flow rate of Fuel in kg/hr	6500	6500	70000	70000	70000	6500	70000	70000
4.	Percentage of Sulphur in Fuel considering Waste Case Scenario.	2.83%	2.83%	0.70%	0.70%	0.70%	2.83%	0.70%	0.70%
5.	Required Stack Height in m	100.31	100.31	139.06	139.06	139.06	100.31	139.06	139.06
6.	Actual Stack Height in m	136	136	150	150	150	136	150	150

On the basis of above information Air Quality Modelling was carried out to predict the incremental pollution potential as well as the resultant pollution load

- ***Details of Mathematical Modelling***

Prediction of impacts on air environment has been carried out by employing a mathematical model. In the present case, *Industrial Source Complex Short-Term (ISCST3) Model* dispersion model based on steady state Gaussian plume dispersion, designed for multiple point sources for short term, has been used for predicting the ground level concentrations.

During the course of operation of the proposed project, additional pollution load on the air environment is envisaged which would influence the ambient environment conditions on the plant and adjoining localities. The ground level concentrations of the air pollutants are guided by the local meteorological conditions, degree and extent of plant activities and by the topographic condition of the locality. Thus, it is imperative to assess the impact of the proposed facilities on the ambient air quality of the study area. Dispersion modeling is an important tool to assess the risk of air pollution by proposed activities. An attempt has been made to determine the concentrations of air pollutants using an air dispersion model. The ISCST3 model approved by United States Environmental Protection Agency (USEPA) and
MoEFCC is used for the captioned study.

- ***Industrial Source Complex Short-Term (ISCST3) Model:***

The ISCST3 model is the most widely used model due its ability to handle both flat and complex terrain, both point and non-point sources and its acceptance by regulatory agencies.
This model is a steady-state Gaussian dispersion model.

The complete equation for Gaussian Dispersion Modeling is given below:

$$C = \frac{Q}{u} \cdot \frac{f}{\sigma_y \sqrt{2\pi}} \cdot \frac{g_1 + g_2 + g_3}{\sigma_z \sqrt{2\pi}}$$

where:

f = crosswind dispersion parameter

= $\exp\left[-y^2/(2\,\sigma_y^2)\right]$

g = vertical dispersion parameter = $g_1 + g_2 + g_3$

g1 = vertical dispersion with no reflections

= $\exp\left[-(z-H)^2/(2\,\sigma_z^2)\right]$

g2 = vertical dispersion for reflection from the ground

= $\exp\left[-(z+H)^2/(2\,\sigma_z^2)\right]$

g3 = vertical dispersion for reflection from an inversion aloft

$$= \sum_{m=1}^{\infty} \{ \exp\left[-(z-H-2mL)^2/(2\,\sigma_z^2)\right] + \exp\left[-(z+H+2mL)^2/(2\,\sigma_z^2)\right] + \exp\left[-(z+H-2mL)^2/(2\,\sigma_z^2)\right] + \exp\left[-(z-H+2mL)^2/(2\,\sigma_z^2)\right]$$

C = concentration of emissions, in g/m^3, at any receptor located:

x meters downwind from the emission source point y

meters crosswind from the emission plume centerline

z meters above ground level

Q = source pollutant emission rate, in g/s u = horizontal wind

velocity along the plume centerline, m/s

H = height of emission plume centerline above ground level, in m

σz = vertical standard deviation of the emission distribution, in m

σy = horizontal standard deviation of the emission distribution, in m

L = height from ground level to bottom of the inversion aloft, in m exp

= the exponential function

- ***Model options used for computations***

The main options considered in the modelling are;

- Point Source Emission consider for Stack Emission and Line Source Emission considered for transfer through road pathway.
- Complex Terrain : covering Flat & Elevated Terrains
- Terrain Height options : Elevated
- Output type : concentration
- Time Weighted Average : Covering the Study Period
- Grid Size considered : 1000 m X 1000 m
- Uniform Cartesian Receptors : 441
- Discrete Cartesian Receptors : 11
- Total Receptors : 452
- Plume Rise considered for effective stack height
- Emission rates calculated on the basis of worst case scenario of regulatory requirement.

- Impact considered over the entire study area covering 10 km radius around the project site.

- **Model Input Data**

The scope of this EIA is for prediction of impacts due the proposed expansion of the refinery from 1.5 TO 3.0 MTPA and CPP from 90-MW to 150-MW, accordingly air quality modelling was carried out.

The modeling was carried out to assess the impact of Point Source Emission due to proposed expansion to find out the incremental GLC (Ground Level Concentration) w.r.t. PM_{10}, $PM_{2.5}$, SO_2& NOx due to the proposed expansion.

The resultant GLC for the post expansion scenario w.r.t. the above parameters are calculated on the basis of incremental GLC and the present baseline data.

The details of input information used for carrying out the modelling are summarised in **Table No. 4.9**.

- **Prediction of Impact on Ambient Air due to Stack Emission**

Table No. 4.9 Modeling Input for Point Source Emissions

Sl. No.	Parameter	Existing					Proposed		
		Stack – 1 (Line - 1 Calciner of Alumina Refinery) - [Single Flue]	Stack – 2 (Line - 2 Calciner of Alumina Refinery) - [Single Flue]	Stack – 3 (90 MW Power Plant) - [Multi Flue]			Stack – 4 (Line - 3 Calciner of Alumina Refinery) - [Single Flue]	Stack – 5 (60 MW Power Plant) - [Multi Flue]	
				Flue -1	Flue - 2	Flue – 3		Flue -1	Flue - 2
1.	Connected to	2500 TPD Calciner	2500 TPD Calciner	300 TPH Boiler	300 TPH Boiler	300 TPH Boiler	2500 TPD Calciner	300 TPH Boiler	300 TPH Boiler
2.	Actual Stack Height in m	136	136	150	150	150	136	150	150
3.	Fuel Use	Furnace Oil	Furnace Oil	Coal	Coal	Coal	Furnace Oil	Coal	Coal
4.	Internal Diameter at the top in m	3	3	3.3	3.3	3.3	3	3.3	3.3
5.	Temperature in Degree Centigrade	160	160	140	140	140	160	140	140
6.	Temperature in Kelvin	433	433	413	413	413	433	413	413
7.	Volumetric Flow Rate (m^3/hr) per stack [Design data]	334800	334800	550613	550613	550613	334800	550613	550613
8.	Volumetric Flow Rate (Nm^3/hr) per stack	230416.6282	230416.6282	397294.6102	397294.6102	397294.6102	230416.6282	397294.6102	397294.6102
9.	Cross sectional area of the stack in m2	7.0695	7.0695	8.554095	8.554095	8.554095	7.0695	8.554095	8.554095
10.	Calculated linear Velocity of Gases in m/s [Calculated]	13.15	13.15	17.88	17.88	17.88	13.15	17.88	17.88

11.	Calculated Particulate Matter in g/s [considering 50 mg/Nm^3 as allowable limit]	3.20	3.20	5.51	5.51	5.51			
12.	Calculated PM_{10} in g/s [considering 50 mg/Nm^3 as allowable limit]	1.92	1.92	3.31	3.31	3.31			

13.	Calculated $PM_{2.5}$ in g/s [considering 50 mg/Nm^3 as allowable limit]	1.28	1.28	2.20	2.20	2.20			
14.	Calculated Particulate Matter in g/s [considering 30 mg/Nm^3 as allowable limit.]						1.92	3.31	3.31
15.	Calculated PM_{10} in g/s [considering 30 mg/Nm^3 as allowable limit.]						1.15	1.98	1.98
16.	Calculated $PM_{2.5}$ in g/s [considering 30 mg/Nm^3 as allowable limit.]						0.76	1.32	1.32
17.	Calculated SO_2 in g/s [considering 600 mg/Nm^3 as allowable limit.]	38.40	38.40	66.21	66.21	66.21			
18.	Calculated SO_2 in g/s [considering 100 mg/Nm^3 as allowable limit.]						6.40	11.03	11.03
19.	Calculated NOx in g/s [considering 300 mg/Nm^3 as allowable limit.]	19.20	19.20	33.10	33.10	33.10			
20.	Calculated NOx in g/s [considering 100 mg/Nm^3 as allowable limit.]						6.40	11.03	11.03

Meteorological data for the pre-monsoon season from the site was used for the model study. Emissions for each source are apportioned and the impact on air quality from proposed activities is assessed by computing concentrations of air pollutant concentrations at the environmental receptors within the study area. A grid size of 1000m X 1000m is considered for 441 nos. of Uniform Cartesian Receptors and 11 nos. of Discrete Cartesian Receptors at the Ambient Air Quality Monitoring Stations. Hence, in total 452 nos. of receptors has been considered in the study area.

Findings of Model Study:

All major project components as potential sources of emission were considered in determining the impacts in the proposed scenario. The predicted impacts for the proposed scenario are discussed in the following sections.

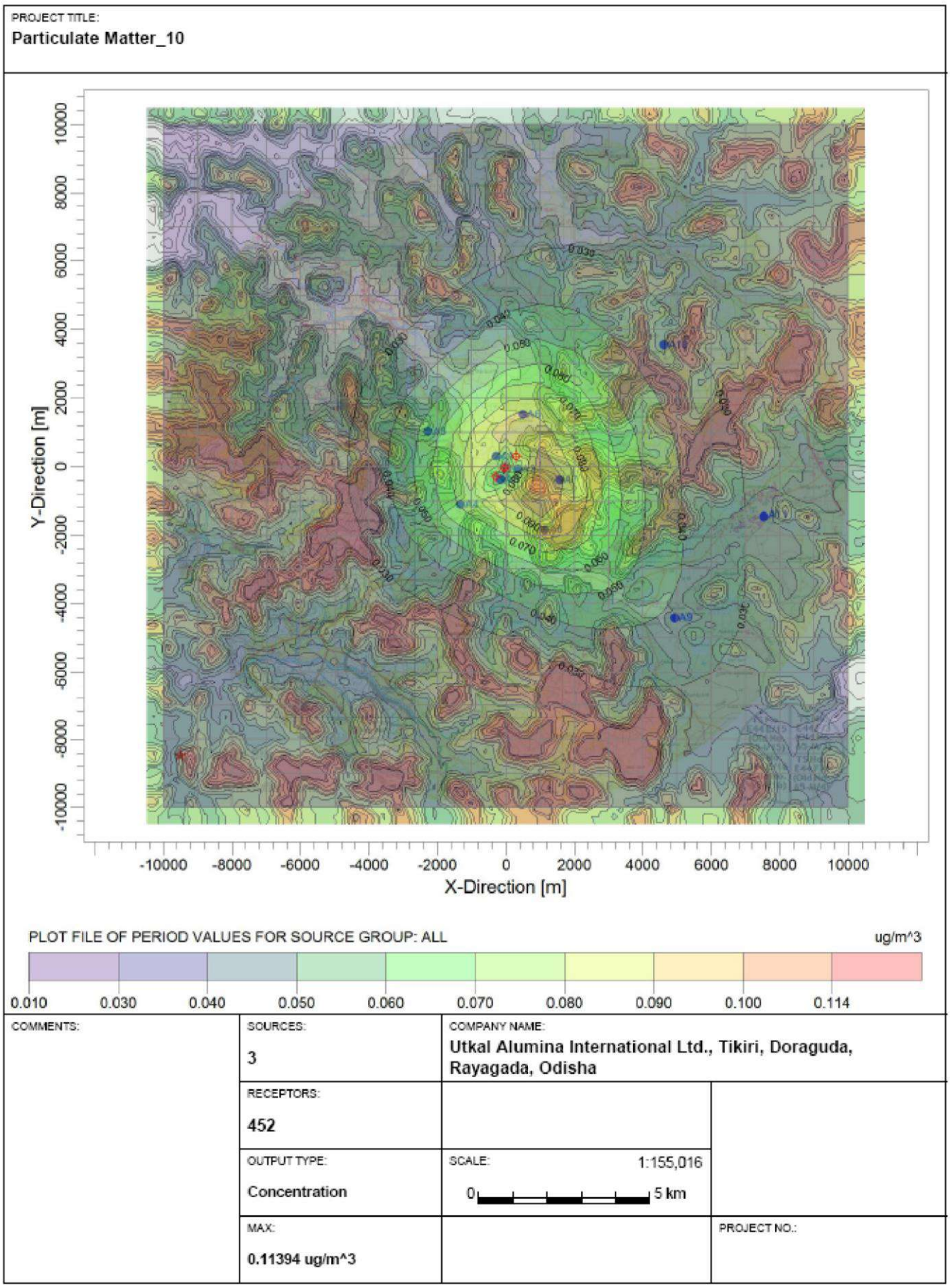
Isopleths of PM_{10},$PM_{2.5}$, SO_2 and NO_x concentration for the proposed scenario are shown in **Figure No. 4.1, 4.2, 4.3 & 4.4** respectively.

_Concentration for proposed Scenario

Figure No. 4.1

Isopleths of PM_{10}

_Concentration for proposed Scenario

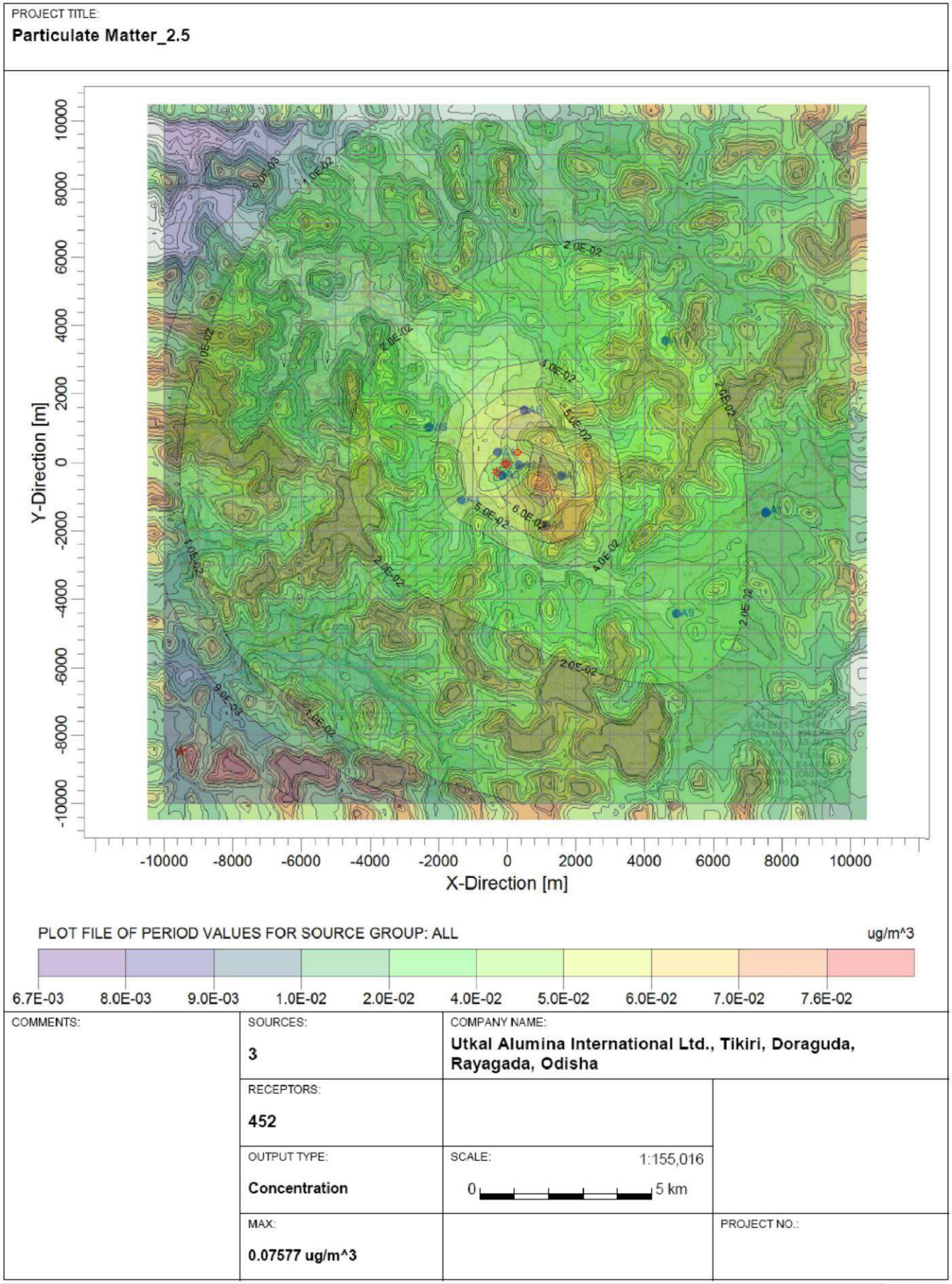


_Concentration for proposed Scenario

Figure No. 4.2

Isopleths of $PM_{2.5}$

_Concentration for proposed Scenario

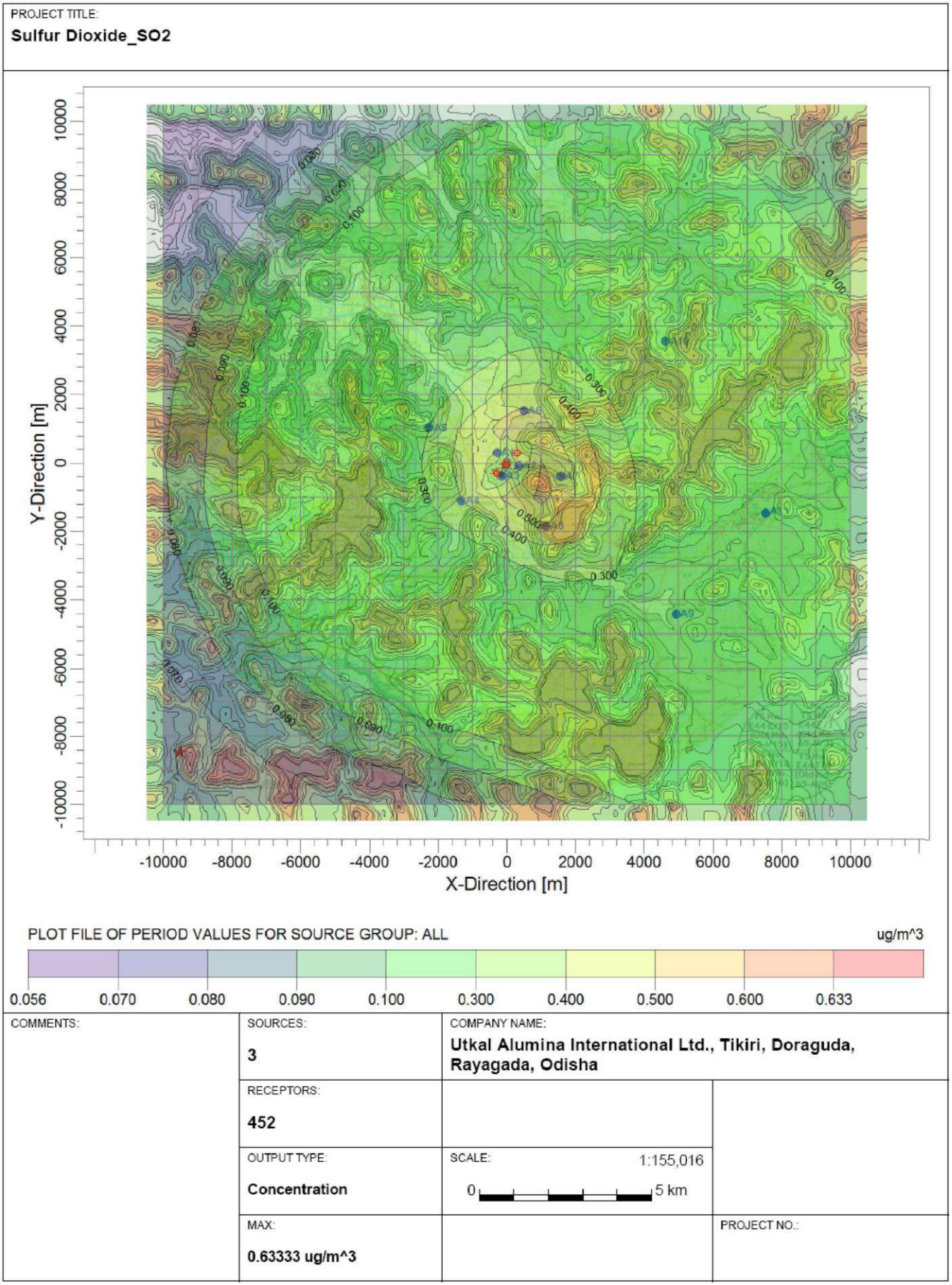


_Concentration for proposed Scenario

Figure No. 4.3

Isopleths of SO_2

_Concentration for proposed Scenario

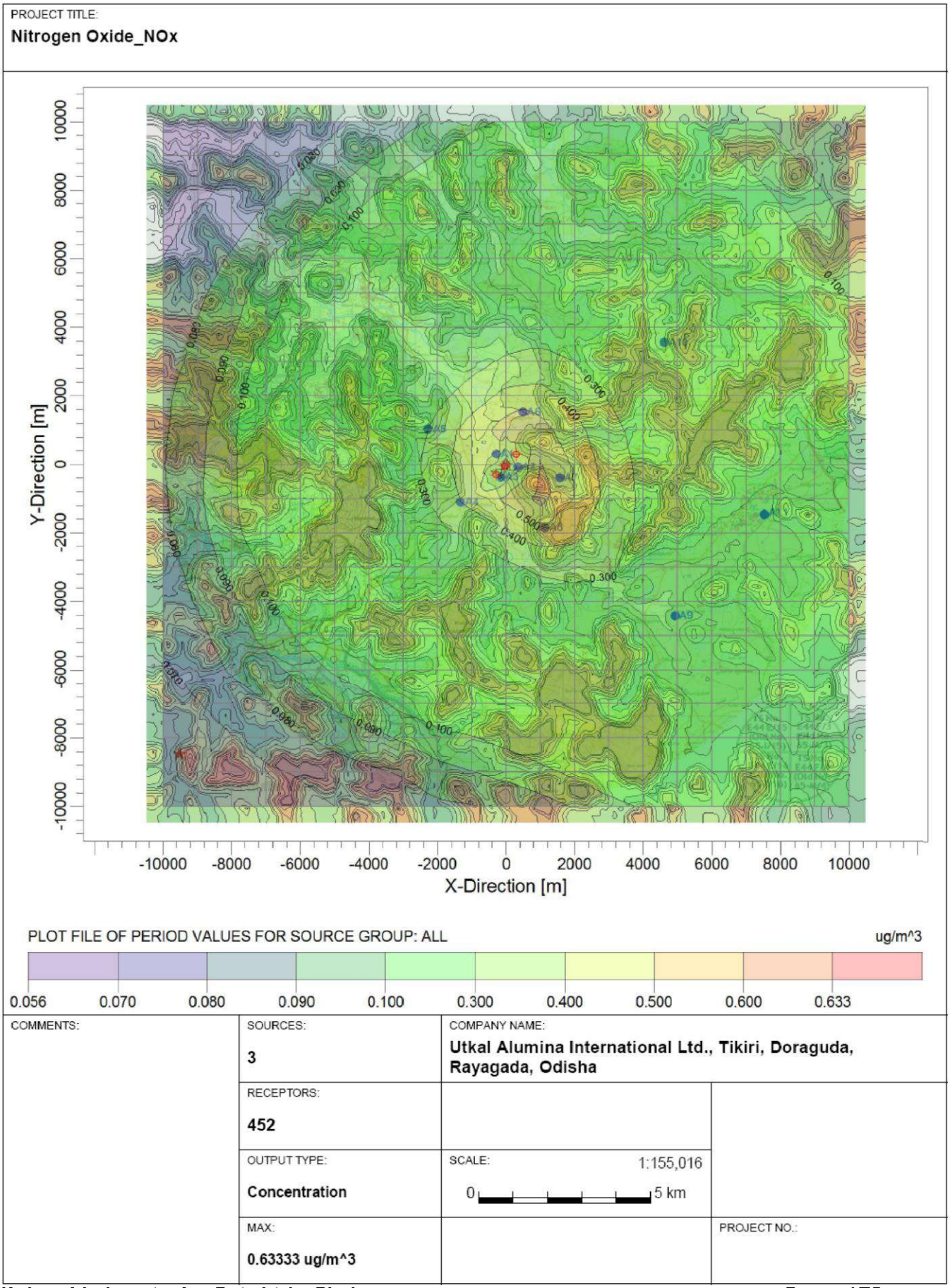


_Concentration for proposed Scenario

Figure No. 4.4

Isopleths of NO_X

_Concentration for proposed Scenario



Prediction of Impact on Ambient Air due to fugitive Emission resulting from Transportation (Line source Modeling).

Materials Requirement:

The annual requirement of materials for Alumina Refinery & Co Generation Power Plant is shown in below tables.

Table No. 4.10

Raw Materials Requirement, Source & Mode of Transportation

Parameters	UOM	Specific Consumption	1.5 MTPA AR & 90 MW CPP (Existing)	3 MTPA AR & 150 MW CPP (After Expansion)	Source	Mode of Transport
Bauxite (9.5% w/w Moisture)	T	3.11	4665000	9330000	Baphlimali Mines	Long Distance Conveyer
Caustic Soda (NaOH)	T	0.068	102000	204000	Domestic / Imported	Rail
Lime (CaO – 70%)	T	0.030	45000	90000	Katni, Rajasthan / OMC / Vishakhapatnam	Rail
Flocculant	T	0.45	675	1350	Nalco / Vishakhapatnam	Road
Furnace Oil	T	0.0697	105	210	HPCL / IOCL	Rail / Road
Coal (4050 Kcal/Kg GCV)	T	0.48	72000	144000	IB-Valley Coalfields	Rail

The production capacity of Alumina Refinery and Co-generation Power Plant are given in the following table.

Table No. 4.11 Project Configuration

Particulars	Existing Configuration	Post Expansion Final Configuration
Alumina Refinery	Line-I: 0.75 MTPA	Line-I: 1.0 MTPA
	Line-II: 0.75 MTPA	Line-II: 1.0 MTPA
		Line-III: 1.0 MTPA
Co-generation Power Plant	90 MW [TG Capacity 3 x 30 MW]	150 MW [TG Capacity 5 x 30 MW]

Note:

The capacity enhancement of 1.5 TO 3.0 MTPA will be achieved in three stages, i.e.

iii) By Process modification and capacity utilisation, the present capacity can be enhanced by about 14% (by 0.2 MTPA).

iv) By adding additional equipment another 20% increase in capacity is envisaged (by 0.3 MTPA) without any capacity enhancement of the present Captive Co-generation Power Plant taking the capacity of the existing two lines to 2.0 MTPA.

v) One more parallel and similar line of 1 MTPA will be added to achieve the 3.0 MTPA capacity along with 60 MW power plant.

(A) Prediction of Impact on the Infrastructural Facilities:

The National Highway (NH-326) is at a distance of 37 km from the project site. The roads are wide, metaled and black topped road, capable of withstanding the marginal impact due to the movement of 1 no. of additional trucks per hour. The feeder road from NH-326 to plant site is also a metal road which can accommodate the additional traffic due to the proposed project. In view of the availability of road network there is no need for construction of further Road Network.

(B) Impact on Air Environment:

Due to transportation of raw materials and products there will be movement of trucks. This will cause emission to the environment. The impact of the movement of trucks on the environment has been assessed by lines source modeling method. The input data of modeling is given in **Table No. 4.12.**

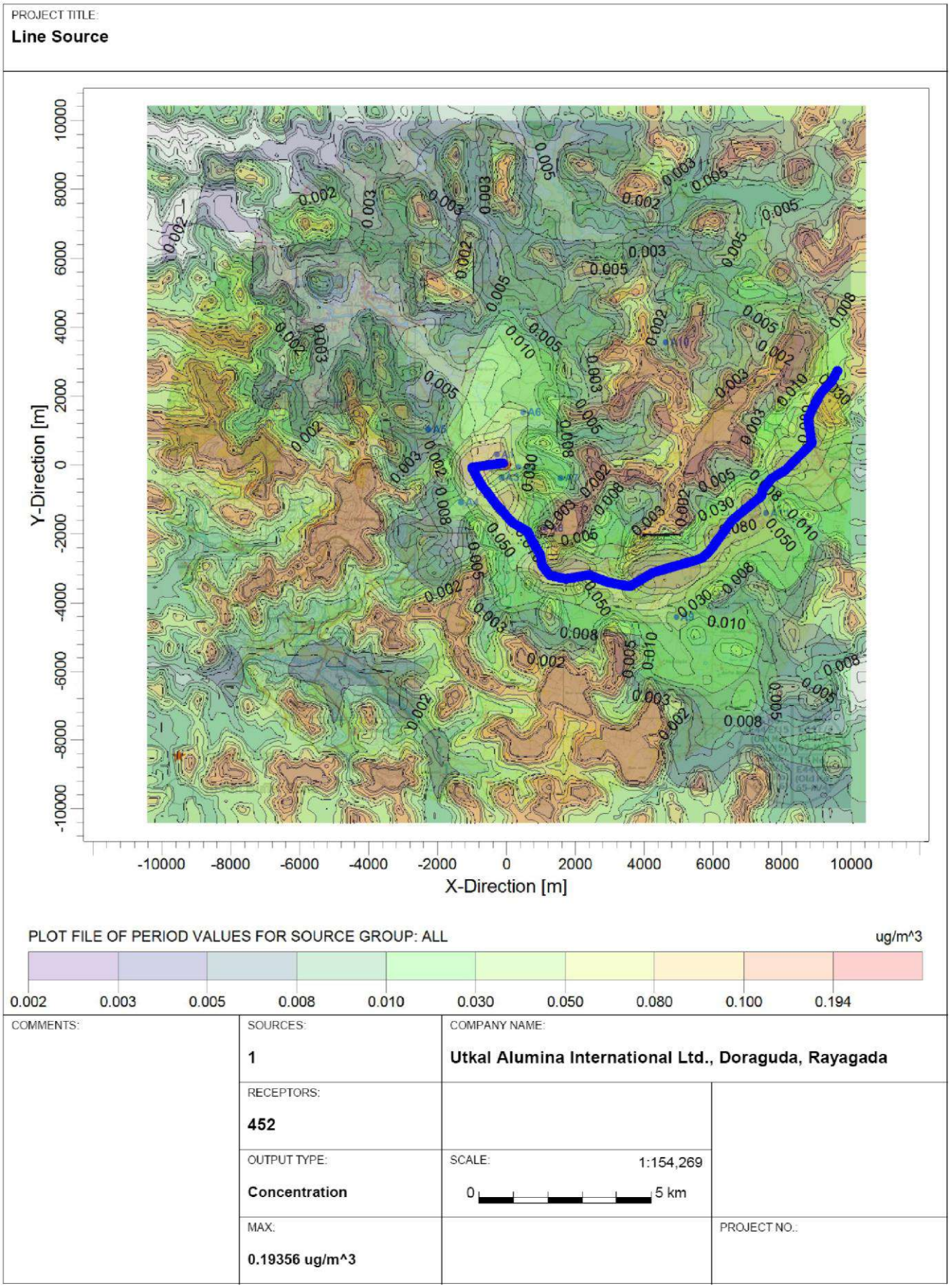
Table No.4.12 Input Data for Line Source Modeling

m = Moisture Content of Haul Road Dust in %	15
s = Silt Content of road dust in %	4
u = Wind speed in m/sec	1.14
v = Average Vehicle Speed in m/sec	5.5
f = Frequency of vehicle movement in no. per hour	1
c = Capacity of dumpers in ton	15

Marginal increase in traffic density as detailed above may marginally increase the pollution level in the ambient air due to emission of dust from the roads and uncovered trucks, as well as emission of exhaust gases from the vehicles. However, this problem will be overcome by regular maintenance of vehicles, transportation of materials under cover and regular sprinkling of water on the feeder roads and roads inside the plant. The impact on Air Environment due to increase in traffic density has been predicted by computer modeling through ISCST 3. The Isopleths is presented in the **Figure No. 4.5**.As per the output results, the maximum incremental concentration will be **0.19356 µg/m^3** which will be experienced at a distance of about 4 km

towards West direction from the project site. The resultant concentration will be within the limits of National Ambient Air Quality Standard.

Fig No. 4.5 Isopleths of Line Source Modeling



A general inference can be drawn that the computed resultant GLCs are very less. The GLCx in respect of PM_{10}, $PM_{2.5}$, SO_2& NO_X after implementation of the proposed project, as mentioned

in the **Table No.4.13** below would be within the CPCB prescribed standard, such locations are only partly influenced by the plant operational activities under consideration.

Table No. 4.13
Cumulative Resultant Concentrations after Implementation of the Project

Location ID 505	Location	PM_{10} in µg/m^3				$PM_{2.5}$ in µg/m^3			SO_2 in µg/m^3			NO_x in µg/m^3		
		Back Gr. Conc	Incremental GLC due to Point Source Emission	Incremental Conc. Due to Line Source Emission*	Resultant Con.	Back Gr. Conc	Incremental GLC due to Point Source Emission	Resultant Con.	Back Gr. Conc	Incremental GLC due to Point Source Emission	Resultant Con.	Back Gr. Conc	Incremental GLC due to Point Source Emission	Resultant Con.
A1	A.D. Building	71.7	0.0817	0.15312	71.9348	40.0	0.05434	40.05434	21.0	0.45407	21.45407	25.1	0.45407	25.55407
A2	Near Training Center	70.8	0.07473	0.03793	70.9127	40.1	0.0497	40.1497	23.5	0.41537	23.91537	23.5	0.41537	23.91537
A3	Near BSNL Tower	71.2	0.05224	0.03625	71.2885	38.1	0.03473	38.13473	23.8	0.2904	24.0904	23.8	0.2904	24.0904
A4	D. Karal	60.1	0.07183	0.01524	60.1871	30.2	0.04777	30.24777	17.0	0.39924	17.39924	17.0	0.39924	17.39924
A5	Kucheipadar	60.7	0.05399	0.00337	60.7574	33.5	0.03591	33.53591	19.2	0.3001	19.5001	19.2	0.3001	19.5001
A6	Doraguda	71.2	0.09223	0.03636	71.3286	37.1	0.06134	37.16134	19.9	0.51266	20.41266	19.9	0.51266	20.41266
A7	Dimundi	70.1	0.10267	0.01718	70.2199	38.4	0.06829	38.46829	20.9	0.57065	21.47065	21.0	0.57065	21.57065
A8	Nuapada	71.0	0.08879	0.00185	71.0906	36.8	0.05905	36.85905	22.1	0.49354	22.59354	22.1	0.49354	22.59354
A9	Sorishapadar	63.0	0.03794	0.03623	63.0742	35.5	0.02524	35.52524	20.5	0.2109	20.7109	20.5	0.2109	20.7109
A10	Kotraguda	64.2	0.03348	0.00496	64.2384	34.3	0.02227	34.32227	21.0	0.18606	21.18606	20.9	0.18606	21.08606
A11	Tikiri	66.5	0.02796	0.09333	66.6213	38.8	0.0186	38.8186	22.8	0.15537	22.95537	23.3	0.15537	23.45537

Note: The resultant GLCs of pollutants w.r.t. each monitoring location are calculated by adding the incremental GLCs to the respective 98th percentile value.

Conclusion from the Model Study:

The result of the modeling study indicates that the maximum incremental GLCs (Ground Level Concentration) due to point source emission with respect to PM_{10}, $PM_{2.5}$, SO_2& NO_X would be 0.11394 µg/m^3,0.07577 µg/m^3, 0.06333 µg/m^3& 0.06333 µg/m^3 respectively; and would be experienced at a distance of about 1 Km in the down wind direction (North - East) from the point source. The maximum incremental GLC due to line source emission w.r.t. PM would be 0.19356 µg/m3 and would be experienced at a distance of 4 km towards West direction from the plant site. The maximum concentration of various pollutants at different monitoring locations have been mentioned in the table above. It is observed that the maximum resultant ground level concentration in respect of PM_{10} would be 71.9348 µg/m^3, $PM_{2.5}$ would be 40.1497 µg/m^3 at Project Site; the maximum concentration of SO_2 would be 24.0904 µg/m^3 at Project Site and the maximum concentration of NO_X would be 25.55407 µg/m^3 at Project Site. Hence, the GLCs predicted at all receptor locations after the proposed implementation of the Project are well within the limit prescribed in NAAQS by MoEF&CC.

Consideration Of Worst Case Scenario :

The worst case scenario is considered on the basis of maximum incremental GLC of the modeling output and maximum value of 98th percentile of respective parameters as determine by monitoring. The worst case resultant GLC is calculated by adding the maximum incremental GLCs w.r.t. point source emission (Stack Emission) & line source emission(Emission due to transportation) are well within the norm of NAAQS (National Air Ambient Quality Standard) mandate by MoEF&CC.

This is presented in **Table No.4.14.**

Table No. 4.14 Worst Case Scenario

Pollutant	Max. 98th Percentile (µg/m^3)	Max. Incremental GLC due to point source emission (µg/m^3)	Max. Incremental GLC due to line source emission (µg/m^3)	Max. Resultant GLC (µg/m^3)	NAAQS (µg/m^3)
PM_{10}	71.7	0.11394	0.19356	72.0075	100
$PM_{2.5}$	40.1	0.07577	0.19356	40.36933	60
SO_2	23.8	0.63333	0.19356	24.62689	80
NOx	25.1	0.63333	0.19356	25.92689	80

Note : The worst case maximum resultant GLC of the study area w.r.t. PM_{10}, $PM_{2.5}$, SO_2 and NOx in the study area are well within NAAQS.

4.4.3 Mitigation Measures for Air Environment

The emissions to air and their control measures from the plant are shown in **Table No. 4.15**

Table No. 4.15 Mitigation Measures for Air Environment

Sl. No.	Source / Activity/ Section/Area	Type of Pollution & Pollutants	Present Management Practice for the Existing Facilities	Proposed Mitigation measures during Post Expansion.
1.	Bauxite Conveying System	Air Pollution (PM)	Closed conveyor / Hoods. Dust Suppression System / Bag filters at transfer towers	The existing Bauxite conveying system is adequate for expansion project.
2.	Bauxite Stacking & Reclaiming.	Air Pollution (PM)	Fixed type water sprinklers are provided in the stacking and reclaiming area.	Similar type of water sprinklers will be provided in the stacking and reclaiming area of the expansion project.
3.	Secondary of Crushing Bauxite	Air Pollution (PM)	The crusher house is totally under covered shed. The conveyors leading to the crusher and the outlet conveyer are completely covered. Dust Suppression System (DSS – Water Sprinkling System and Dry Fog Dust Suppression System) are provided at vulnerable points such as transfer points and crushing element.	Additional secondary crushing system will be provided for the proposed expansion having similar pollution control measures.
4.	Bauxite Grinding	Air Pollution (PM)	The crushed bauxite is being grinded in Rod Mill through wet grinding system in alkali media.	Similar wet grinding system will be adopted for the expansion project.
5.	Alumina Hydrate Storage	Air Pollution (PM)	The Alumina Hydrate is stored under covered shed and the conveyers used for transportation of hydrate is completely covered.	Similar system will be adopted for the expansion project.
6.	Calcination	Air Pollution (PM, SO2, NOx)	ESP is provided before stack for preventing points source emission and recovery of product Alumina. The conveyors used for Alumina transportation are completely covered and there is provisions of Bag filters at the transfer towers.	Similar system will be adopted for the expansion project.

7.	Alumina Handling & Storage	Air Pollution (PM)	There is provision of covered conveying system for Alumina	Similar system will be adopted for the expansion project.
			transportation and Bag filters in the transfer towers	
8.	Lime Handling Plant	Air Pollution (PM)	Wet scrubber is provided for air pollution control and the scrubbed water is reused for lime slaking.	Similar system will be adopted for the expansion project.
9.	Red Mud Pond and Red Mud Filtration Unit	Air Pollution (PM)	Water sprinkling system is provided to suppress fugitive emission Red Mud Dust during summer season.	Same system will utilized for the expansion project.
10.	Coal Storage Yard	Air Pollution (PM)	Fixed type automatic water sprinklers are provided for controlling of fugitive emission of coal dust.	Similar system will be adopted for the expansion project.
11.	Coal Handling Plant	Air Pollution (PM)	There is provision of Pipe conveyor, covered conveying system with bag filters and Dust Suppression System at transfer points.	Similar system will be adopted for the expansion project.
12.	Boiler Turbine Generator (BTG) Unit	Air Pollution (PM, SO2, NOx)	Electrostatic Precipitator (ESP) are provided before the stack to control point source emission.	Similar system will be adopted for the expansion project.
13.	DM Plant and Cooling Water System	Water Pollution (pH)	There is provision of Sedimentation Pit & Neutralization Pit for collection and reuse of water.	Similar system will be adopted for the expansion project.

UAIL will implement following air pollution control measures to reduce Emission rates.

- The maintenance of the air pollution control equipment at the required norms with maximum efficiency resulted to reduce in pollution load vented through the stacks;
- Dust suppression systems presently in use will continue to be used;
- Regular monitoring of the air pollution control system by the environmental cell resulted to compliance in operation parameters resulting in less generation of pollutants.
- Continuous Online Stack Monitoring System has been installed in existing stacks of power plant and Calciner for parameters SO_2, NO_x& PM and data has been transmitted to SPCB & CPCB Servers. Same system will be adopted for proposed expansion proposal.

- Online Ambient Air Quality Monitoring stations 4 nos. have been installed in the plant premises for parameters PM_{10}, $PM_{2.5}$, SO_2, NO_x and CO and data has been transmitted to SPCB Servers.
- Ambient Air Quality continuously monitored through high volume air samplers in Ambient Air Monitoring Stations are installed at 6 surrounding locations as recommended by the pollution control board.
- ESPs will be installed for proposed power plant boilers to meet emission limits of 30 mg/Nm^3.
- ESPs will be installed for Calciner to meet emission limits of 50 mg/Nm^3.
- Stacks of adequate height is provided for CPP and Calciners for better dispersion of dust emissions.
- Flue Gas Desulfurization unit to be installed for removal SO_2 from Coal Fired power plant boilers.
- Bag filters with dust collection efficiency >99% is installed on coal handling, ash handling, bauxite crushing and alumina handling facilities to reduce the fugitive emissions.
- A network of dust suppression system is in operation by providing Water Spraying System using treated process effluents in the coal yard to mitigate the fugitive dust emission.
- Fly ash is conditioned with water sprinkling to suppress dust during handling and transport.
- Coal yard also provided with water sprinkler system to control fugitive emission during coal handling.
- Raw material and finished products transportation using rail network.
- Automated storage and reclaiming system is introduced for Bauxite and coal handling to reduce the dust exposure.
- Coal is being unloaded by Wagon Tippler and transported by closed pipe conveyer.
- Bauxite is being transported in covered conveyer with water sprinkling system at transfer points to check Fugitive Emission.
- Red mud transport road and ash transport road is regularly sprayed with water to reduce fugitive dusting.
- Water sprinkling arrangements are implemented at red mud containment areas, ash disposal areas.

4.4.4 Impact Assessment on Noise Environment:

A. Impacts during Construction Period:

The major sources of noise during the construction phase are vehicular traffic, construction equipment like dozers, scrapers, concrete mixers, cranes, generators, pumps, compressors, rock drills, pneumatic tools, saws, vibrators etc. The operation of these equipment will generate noise ranging between 75-90 dB (A) near source. The noise produced during the construction will have significant impact on the existing ambient noise levels. The major work will be carried out during the daytime. The construction equipment may have high noise levels,

which can affect the personnel, operating the machines. Use of proper personal protective equipment will mitigate any significant impact of the noise generated by such equipment.

These noises will be generated mostly within the proposed plant boundary and will be transient in nature. Due to the proposed greenbelt all around the periphery of the plant boundary, these noises will be attenuated to a large extent and are not likely to have any significant impact on the nearby villages.

B. Impacts during Operational Period:

During the normal operation of various plants, boilers, turbines, compressors, purging and blow downs, the ambient noise levels are expected to increase significantly with the attributes of the respective equipment, but these noise will be restricted close to the concerned equipment. Normally the equipment are designed basing on the OSHA standards and noise close to this equipment seldom exceeds the OSHA standards. Therefore all the equipment in the plant will be designed/operated in such a way that the noise level shall not exceed 85 dB (A) as per the requirement of OSHA (Occupational Safety and Health Administration). As such noise generated by the equipment are also designed to comply with the Factories Rules and stipulations and should not exceed 85 dB (A) at 1m distance.

However noise levels will increase greatly during the bleeding-off of excess steam. But frequency of such operation are rare and last only for few minutes only and such impact of noise due to such operation is restricted to the work area only. The noise level within the plant boundary is occupational noise levels and is confined within shops. The noise level will be further greatly reduced when it reaches the plant boundary at an intervening distance and as elaborate greenbelt development is envisaged for attenuation of noise and fugitive emissions from the plant.

It may so happen that noise level during operation of certain equipment may increase beyond the OSHA norms, then actions as elaborated in the Environment Management Plan will be taken to minimize and eliminate such occasions.

In addition to the greenbelt development around the plant boundary, greenbelt around each installation will be taken up to minimize propagation of noise levels.

Major noise generating sources within the proposed refinery are identified. The major noise sources are blowers, pressurizing fans, feed pumps, air compressors, FD fans, Vacuum pumps, motors mills, calcinations units etc. The noise levels at the source for these units will be in the range of 76 –106 dB (A).

- ***Impact on Work Zone***

Impacts on the working personnel are not expected to be significant on account of the high level of automation of the plant, which means that workers will be exposed for short duration only that too intermittently.

- ***Impact on Community***

Impacts on the surrounding habitations are also not expected to be significant on account of incremental noise levels of less than 40 to 45-dB (A). The permissible noise levels during Day time and Night time by CPCB are 55-dB (A) and 45-dB(A) respectively. Hence, no impact of noise levels on community is anticipated.

Most of the noise generating activities shall be carried out in the day time only.

Table No. 4.16 Ambient Air Quality Standards in respect of Noise

Area Code	Category of Area / Zone	Limits in dB(A) Leq	
		Day Time	Night Time
(A)	Industrial Area	75	70
(B)	Commercial Area	65	55
(C)	Residential Area	55	45
(D)	Silence Zone	50	40

Note:-

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

4.4.5 Mitigation Measures for Noise Environment:

Noise suppression plays pre dominant role in industrial area. As noise is very high (above 85 dB) it will adversely affect human organs, such as functioning of heart & ears. It also affects the performance of workman & staffs working in that area. In a nutshell sound level should be maintained within the permissible range as recommended by CPCB to avert above said issues. The following mitigation measures are recommended for noise level management;

- Selection of equipment in the alumina refinery and Co-generation Power Plant based on the specification for meeting less that 85dB (A) at 1-m distance.
- Provision of hood and casing at the crushing element of secondary crusher.
- Provision of complete closed type cover shed at the secondary crusher house. So, that the transmission of noise to the outside the secondary crusher house is restricted.

- Provision of PLC (Programmable Logic Controller) for automation of secondary crusher plant so that the exposure of personnel to high noise level is avoided.
- Provision of acoustic enclosures at all the high noise generating equipment especially; DG at Power plant, Pan Filter Blowers, MP blower & Alumina Handling Blower, compressor etc.
- Provision of PPE like earmuffs, ear plugs for all the workmen in the noisy areas.
- Proper maintenance of the vehicles shall be taken up to reduce the noise emission from the vehicles.
- All rotating equipment will be well lubricated and provided with enclosures as far as possible to reduce noise transmission. Extensive vibration monitoring system (Condition Monitoring) will be provided to check and reduce vibrations. Vibration isolators will be provided to reduce vibration and noise wherever possible.
- In general, noise generating items such as fans, blowers, compressors, pumps, motors etc. will be specified during design for reduced noise levels. Static and dynamic balancing of equipment will be insisted upon and will be verified during inspection and installation.
- Blowers/Compressors to be housed in sound proof buildings.
- Provision of rubber padding/noise isolators.
- Provision of silencer to modulate the noise generated by machines.
- Steam venting or pop up of relief valves will have silencers.

4.4.6 Source of Water Pollution and its impact

The sources of water pollution and type of pollutants envisaged during operation phase are summarized in **Table No. 4.17**.

Table No. 4.17 During Operation Phase Water Pollution is envisaged from the following sources

Sl. No.	Source / Activity/ Section/Area	Type of Pollution & Pollutants
1.	Bauxite Stacking & Reclaiming.	TSS
2.	Bauxite Grinding	TSS, pH, COD
3.	Slurry Heating & Pre- desilication	TSS, pH, COD
4.	Digestion, Flashing & Dilution	TSS, pH, COD
5.	*Red Mud Separation – Clarification by High Rate Thickeners (HRT) [High Rate Decanters].*	TSS, pH, COD
6.	*Red Mud Washing by Mud Washers [Deep Cone Washers].*	TSS, pH, COD
7.	Flocculent Preparation	pH, COD
8.	*Liquor Causticisation*	TSS, pH, COD
9.	*Red Mud Disposal by HCSD - Geho Pumps*	TSS, pH, COD
10.	Security Filtration (of Slurry from Dilution Tank) by Diastar-Filters.	TSS, pH, COD
11.	Cooling by Plate Heat Exchanger (PHE).	TSS, pH, COD
12.	Precipitation	TSS, pH, COD

13.	Hydrate Classification- Seed & Product Hydrate Filtration in rotary disc filter.	TSS, pH, COD
14.	Evaporation	TSS, pH, COD
15.	Condensate storage	TSS, pH, COD
16.	Product Hydrate Washing in Horizontal Rotary Pan Filters.	TSS, pH, COD
17.	Lime Handling Plant	TSS
18.	Caustic and HFO Unloading & Storage	Oil & Grease
19.	Process Waste Water & Surface Run-off Management	TSS, pH
20.	Red Mud Pond and Red Mud Filtration Unit	TSS, pH, COD
21.	Coal Storage Yard	TSS
22.	Boiler Turbine Generator (BTG) Unit	TDS
23.	DM Plant and Cooling Water System	pH
24.	Surface Run-off from Plant area and ash disposal area	TSS, pH
25.	Domestic effluent from plant and colony	TSS, BOD, COD, O&G

The impact due to the above and its mitigation measure are detailed in the subsequent sections.

4.4.7 Impact Assessment on Water Environment

Impact on Water Quality

The main contaminants at the refinery are contamination by alkaline process liquor. Caustic scales and sludge from the cleaning of the thickeners are the other sources of the contamination.

All the process areas, except thickeners, involving high concentration caustic, steel cladding drains will be provided with caustic proof flooring to prevent seepage of spilled caustic to the ground. All the over flown/ spilled liquor shall be collected in a steel lined sump and recycled back to the process.

Further, the utilization of high rate decanters instead of conventional thickeners will eliminate the possibility of ground water contamination.

The trade effluents (process wastewater) will be collected and sent to Effluent pond known as the caustic pond. The wastewater collected in this caustic pond will be recycled entirely and reused in process and red mud washing.

Cooling tower blow down, boiler blow down, DM Plant regeneration effluent after neutralisation pit and oil contaminated water from service area after pre-treatment like oil/grease traps and sedimentation pit will be collected and stored in a guard pond and will be reused for ash handling and dust suppression.

The total Domestic wastewater generated from the colony, plant toilets and canteen will be treated in STP and will be used for gardening and green cover development.

Red Mud Disposal area is a dedicated storage facility for solid and liquid residues that contain the unused portions of the bauxite ore and some of the caustic soda used for extracting the alumina in the refining process. The solid residues are comprised of separated mud and sand. The refinery transfers thickened mud and slurried sand to the Red mud disposal area.

A network of garland drain diverts the rainwater run-off away from the active area. The rainwater falling over the active red mud stacking area flows towards the Southern dyke due to natural slope of the area, from where it is led to the holding pond through a network of drainage pipes and ditches. The collected rainwater run-off contains small concentrations of caustic soda and is pumped from the holding pond to the alumina plant for process use.

The active area of red mud stacking and holding pond is suitably lined to avoid seepage of any contaminated rainwater to sub-ground. The portions of the active area, which reach the full capacity will be deactivated and rehabilitated progressively.
Hence, no impact on the water quality is envisaged due to Red Mud disposal or due to refinery activities.

Ash from Power Plant is disposed in Ash Pond through High Concentration Slurry Disposal System. The surface run-off generated from Ash Pond area is presently treated in a settling pond and reused in dust suppression and same system will be adopted for the proposed expansion proposal.

4.4.8 Impact Assessment on Water Resources :

It is envisaged that the existing zero discharge philosophy will also be adopted for the expansion project. Hence, no effluent will be discharged to outside.

Separate RCC drainage networks are provided for collection of process waste water in a Caustic Pond and Surface Run-off in Guard Pond.

Pumping stations are provided for reuse of both (process waste water & surface run-off) in the process.

The present requirement of water for the existing facilities is less than 10,000 m^3/day; which is less than 50% of the total allocated amount of 9 cusec (22,019 m^3/day); for which has been sanctioned by Department of Water Resources after due assessment of competing users and downstream scenario. About 7920 m^3/day of water will be required for the proposed expansion; which is only 36% of the total allocated amount. Hence, during the post expansion scenario maximum total water requirement will be 19,800 m^3/day; which is much less than the sanctioned quantity. Hence, there will not been any additional impact due to drawl of Surface Water from San River.

The details of **water allocation** from Department of Water Resources and the **agreement** thereof; are already covered in Chapter – 2.

Moreover, water conservation measures including re-use of water and Rain Water Harvesting System are in place and will be continued for the proposed expansion project. The details of Rain Water Harvesting are discussed separately in this chapter.

The water requirement is summarized below at **Table No. 4.18.**

Table No. 4.18 Make up Water Requirement

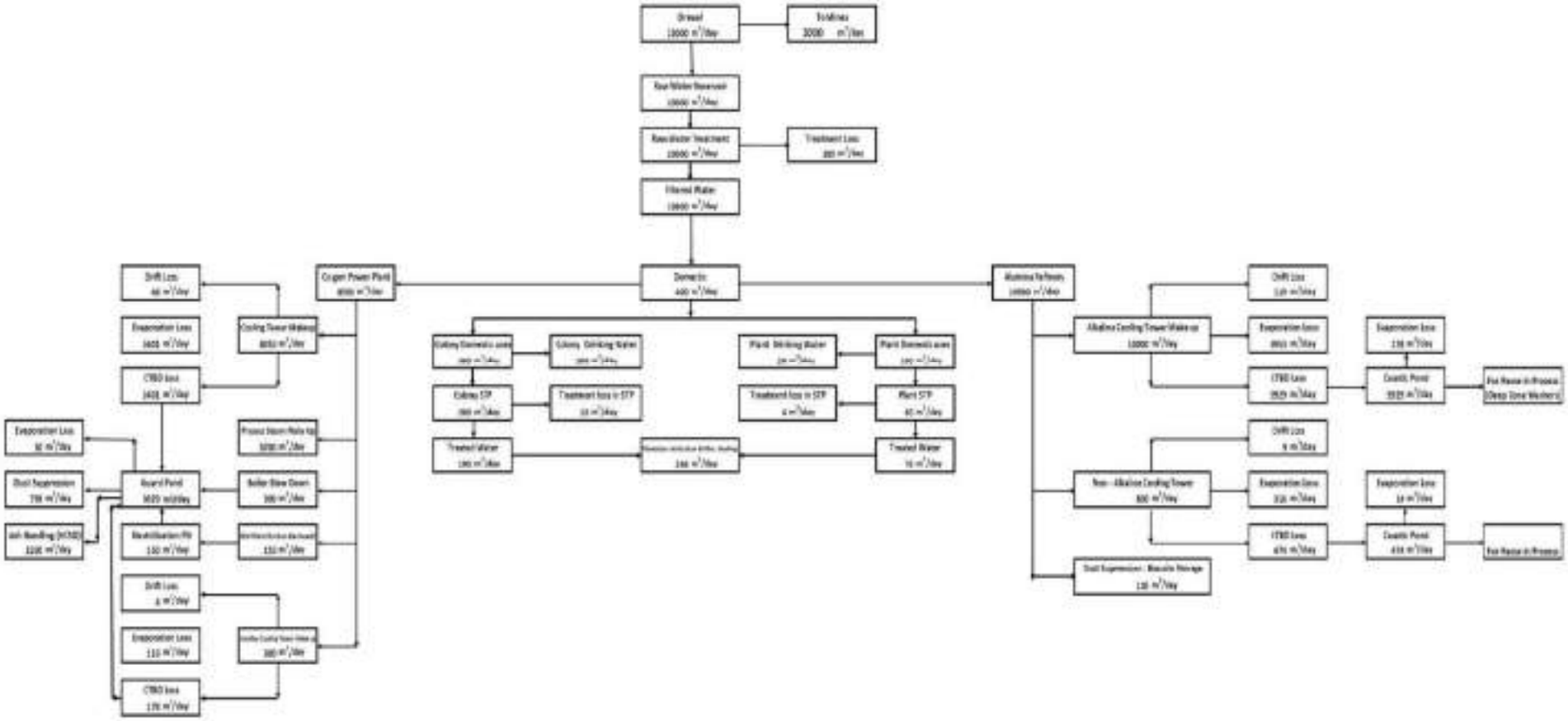
Sl. No.	Source	Existing Requirement (in m^3/day)	Proposed Requirement (in m^3/day)	Requirement After Expansion (in m^3/day)
1	**Alumina Refinery**			
2	Alkaline Cooling Tower Make up	6000	4000	10000
3	Non - Alkaline Cooling Tower Make up	480	320	800
4	Dust Suppression - Bauxite Storage	60	40	100
5	Consumption at Refinery	**6540**	**4360**	**10900**
1	**Co-Generation Power Plant**			
2	Cooling Tower Make up	2430	1620	4050
3	Process Steam Make up	2220	1480	3700
4	Boiler Blow Down	180	120	300
5	DM Plant Regeneration Back Wash	90	60	150
6	Auxiliary Cooling Tower Make up	180	120	300
7	Consumption at Co Generation Plant	**5100**	**3400**	**8500**
	Domestic use			

1	Colony Domestic uses	180	120	300
2	Plant Domestic uses	60	40	100
3	Domestic Consumption	240	160	400
	Total Make up Water	**11880**	**7920**	**19800**

The detail water balance diagram is depicted at **Figure No. 4.6**.

As per the water balance diagram; during the post expansion scenario about 22,000 m^3/day will be drawn from San River out of which 2,000 m^3/day diverted for the requirement of Baphlimali Captive Bauxite Mines & 20,000 m^3/day will go to raw water treatment facility; from where 19,800 m^3/day will be drawn to meet the requirement of Alumina Refinery Complex. Out of 19,800 m^3/day the makeup requirement of thee Refinery will be 10,900 m^3/day that of Co-generation Plant will be 8,500 m^3/day and domestic requirement will be about 400 m^3/day (i.e. 300 m^3/day for the colony and 100 m^3/day for the plant domestic use).

Figure No. 4.6 Water Balance Diagram



4.4.9 Waste Water Generation & Management.

The waste water generation and its management during the post expansion phase is summarized in the following Table.

Table No. 4.19 Waste Water Generation and Management

Sl. No.	Source	Waste Water Generation (in m^3/day)	Treatment Loss / Evaporation Loss (in m^3/day)	Reuse Qty. (in m^3/day)	Management Practice
1	Alkaline Cooling Tower Blow Down of Alumina Refinery	5929	178	5751	Collection in impervious (RCC) Caustic Pond for Settling & reuse in process.
2	Non - Alkaline Cooling Tower Blow Down of Alumina Refinery	474	14	460	Collection in impervious (RCC) Caustic Pond for Settling & reuse in process.
3	Cooling Tower Blow Down of Co-Generation Power Plant	2401	24	2377	Collection in impervious (RCC) Guard Pond for settling & reuse.
4	Boiler Blow Down	300	3	297	Collection in impervious (RCC) Guard Pond for settling & reuse.
5	DM Plant Regeneration Back Wash	150	1.5	149	Treatment in Neutralisation Pit followed by Guard Pond for settling and reuse.
6	Auxiliary Cooling Tower Blow Down Loss	178	1.8	176	Collection in impervious (RCC) Guard Pond for settling & reuse.
7	Domestic Sewage from Colony	200	10	190	Treatment in STP and reuse of treated water for Plantation, Horticulture and Misc. Washing
8	Domestic Sewage from Plant	80	4	76	Treatment in STP and reuse of treated water for Plantation, Horticulture and Misc. Washing
	Total	**9712**	**236**	**9476**	

4.4.10 Mitigation Measures for Water Environment

The sources of water pollution, type of pollutant and present management practice vis-à-vis proposed mitigation measures are summarized at the following Table.

Table No. 4.20 Mitigation Measures for Water Environment

Sl. No.	Source / Activity/ Section/Area	Type of Pollution & Pollutants	Present Management Practice for the Existing Facilities	Proposed Mitigation measures during Post Expansion.
1.	Bauxite Stacking & Reclaiming.	Water Pollution (TSS)	Sedimentation Pit is provided to arrest the carry over particles during rain.	The existing Sedimentation Pit will be used for the expansion project to take care of the water pollution.
2.	Bauxite Grinding	Water Pollution (TSS, pH, COD)	There is arrangement of Caustic proof RCC (Reinforced Concrete Casting) flooring in with provision of Sump Pit for collection of spilled caustic and Pumping System for recovery and reuse of caustic.	Same system will be adopted for the expansion project.
3.	Slurry Heating & Pre-desilication	Water Pollution (TSS, pH, COD)	The flooring is made up of Caustic proof RCC. There is provision of Sump Pit for collection of spilled caustic and Pumping System for recovery and reuse of caustic.	Same system will be adopted for the expansion project.
4.	Digestion, Flashing & Dilution	Water Pollution (TSS, pH, COD)	The spilled caustic are collected in the sump pit in the caustic proof flooring provided in this area. The collected caustic is recovered through the pumping system for the reuse of the same in the process.	Similar system will be adopted for the expansion project.
5.	*Red Mud Separation - Clarification by High Rate Thickeners (HRT) [High Rate Decanters].*	Water Pollution (TSS, pH, COD)	Sump Pit is provided for collection of spilled caustic from the Caustic proof RCC flooring. The collected caustic is recovered by pumping system for recovery and reuse of caustic.	Similar arrangement will be provided for the expansion project.

6.	*Red Mud Washing by Mud Washers [Deep Cone Washers].*	Water Pollution (TSS, pH, COD)	The spilled caustic collected from the caustic proof RCC flooring area are recovered from the Collection Sump for reuse.	Similar system will be adopted for the expansion project.
7.	Flocculent Preparation	Water Pollution (pH, COD)	The RCC flooring is Caustic proof and there is provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Same practice will be adopted for the expansion project.
8.	*Liquor Causticisation*	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Same practice will be adopted for the expansion project.
9.	*Red Mud Disposal by HCSD - Geho Pumps*	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Same practice will be adopted for the expansion project.
10.	Security Filtration (of Slurry from Dilution Tank) by DiastarFilters.	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Similar system will be adopted for the expansion project.
11.	Cooling by Plate Heat Exchanger (PHE).	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Same practice will be adopted for the expansion project.
12.	Precipitation	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Similar system will be adopted for the expansion project.
13.	Hydrate Classification-Seed & Product Hydrate Filtration in rotary disc filter.	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Similar system will be adopted for the expansion project.
14.	Evaporation	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping	Same practice will be adopted for the expansion project.

			system for recovery and reuse of caustic.	
15.	Condensate storage	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Similar system will be adopted for the expansion project.
16.	Product Hydrate Washing in Horizontal Rotary Pan Filters.	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring with provision of sump pit for collection and pumping system for recovery and reuse of caustic.	Similar system will be adopted for the expansion project.
17.	Lime	Water Pollution	RCC flooring with sump pit	Similar system will be
	Handling Plant	(TSS)	provision for collection and pumping system for recovery and reuse in the process.	adopted for the expansion project.
18.	Caustic and HFO Unloading & Storage	Water Pollution (Oil & Grease)	There is RCC flooring with Sump Pit provision for collection and pumping system for recovery of spilled / leaked Caustic and HFO. Bond wall with oil trap provided to prevent spillage and leakage of HFO.	Same practice will be adopted for the expansion project.
19.	Process Waste Water & Surface Run-off Management	Water Pollution (TSS, pH)	Separate RCC drainage networks are provided for collection of process waste water in a **Caustic Pond** and Surface Run-off in **Guard Pond.** Pumping stations are provided for reuse of both (process waste water & surface run-off) in the process.	Same practice will be adopted for the expansion project.
20.	Red Mud Pond and Red Mud Filtration Unit	Water Pollution (TSS, pH, COD)	Caustic proof RCC flooring is provided in the Red Mud Filtration Unit. The spilled caustic is collected in the Sump Pit and recovered through pumping system for reuse in the process.	Same practice will be adopted for the expansion project.

21.	Coal Storage Yard	Water Pollution (TSS)	There is provision of Sedimentation Pit to arrest the carry over particles during Rainy Season.	Similar system will be adopted for the expansion project.
22.	Boiler Turbine Generator (BTG) Unit	Water Pollution (TDS)	The IBD (Intermittent Blow Down) & CBD (Cooling Tower Blow Down) are sent to Neutralization Pit of the DM Plant for subsequent utilization.	Similar system will be adopted for the expansion project.
23.	DM Plant and Cooling Water System	Water Pollution (pH)	There is provision of Sedimentation Pit & Neutralization Pit for collection and reuse of water.	Similar system will be adopted for the expansion project.

4.4.11 Water Conservation Measures:

The water conservation measures include Process Optimization, Reuse of Waste Water & Rain Water Harvesting as detailed below;

- Process Optimization:
  - The power plant is a co-generation plant that re-circulates the hot condensate back to boiler for steam generation. All condensates of suitable quality for steam generation in high pressure boilers will be taken to the co-generation plant, thus optimizing the need of fresh water for steam generation.
  - Recycling of cooling tower water shall be practiced for optimum cycles of concentration by giving blow down only on reaching a desired TDS levels in the cooling water. This shall be achieved by daily monitoring of TDS in water.
  - Flash cooling of high temperature process slurry leads to vapour generation. These vapors shall be condensed in flash heat recovery system and used for process consumption, thereby proportionately reducing the fresh water requirement.
  - Low caustic in red mud discharge is achieved through wash thickeners. Multi stage counter current washing shall be installed with automated controls that will ensure optimum washing efficiency, thereby optimizing the need for process water.
  - Multi effect evaporator shall be installed to recover unintended water entering the system and recycle the condensate for process consumption, thus reducing the need for fresh water.

- The supernatant water of Red Mud Pond in the rainy season is collected in return water pond and reuse for Red Mud washing.
- The storm water collected in the red mud disposal pond will be collected in a holding pond for use for dust suppression system. The holding pond additionally acts as an evaporation pond.
- The storm water collected in the Ash Pond will be collected in a holding pond for use for dust suppression system.

- Reuse of Waste Water :
  - All waste water generated in the Alumina Refinery are alkaline in nature, which is centrally collected through a dedicated drainage system in a pond called the Caustic Pond. The waste water so collected is entirely recycled back to the process for Red Mud washing.
    - Reuse of Alkaline Cooling Tower Blow Down in Alumina Refinery after collection and settling in impervious Caustic Pond.
    - Reuse of non-alkaline Cooling Tower Blow Down in Alumina Refinery after collection and settling in impervious Caustic Pond.
  - Similarly, the surface run-off water is also collected centrally in a pond called the Guard Pond after passing through Neutralization System at the inlet with continuous pH monitoring. This water is also entirely recycled into the process for Red Mud washing.
    - Reuse of Cooling Tower Blow Down of Co-generation Power Plant after collection and settling in impervious Guard Pond.
    - Reuse of Boiler Blow Down after collection and settling in impervious Guard Pond.
    - Reuse of DM Plant re-generation back wash water after treated in neutralization pit followed by collection and settling in Guard Pond.
    - Reuse of Auxiliary Cooling Tower Blow Down after collection and settling in impervious Guard Pond.
  - Reuse of Domestic Sewage Waste Water at Plantation, Horticulture & Misc. Washing after treatment in STP.

The water from the **Guard Pond** is mainly reused for Ash Handling & Dust Suppression; whereas the water from the **Caustic Pond** is reused in the process. The treated water from STP is reused for plantation, horticulture & miscellaneous washing. The capacity of guard pond is 13,243 m^3 having a dimension of 71.5 m diameter and 3.3 m depth. The capacity of Caustic Pond 25,905 m^3 having dimension of 100 m. diameter and 3.3 m depth.

- **Rain Water Harvesting**

At present the following practices are being followed for Rain Water Harvesting and the same practice will be extended in the post expansion phase.

(A) Collection of storm water in the Guard Pond.
(B) Recharge of Ground Water in the Colony.

The above practices are descried separately

(A) Storm Water Management in the Plant :

A network of drainage system having a length of 21 km of size 1m Depth × 1m Width has been provided to collect storm water and diverted to Guard Pond of capacity 13,243 m^3 of Dimension (Ø 71.5m X depth 3.3m). This water is used after treatment in the acid neutralization plant. The wash out of caustic area is pumped to Caustic Pond of capacity 25,905 m^3 of Dimension (Ø 100 m X depth 3.3m) Approx. for complete recirculation. There is provision of 65 nos. of sumps having 3 m^3 capacity each for collecting the storm water and wash out of caustic area.

(B) Ground Water Recharge in the Colony :

The roof top rain water in the residential colony is collected through down pipes and diverted to the network of rain water collection channels; through which the collected rain water is distributed to the recharge pits strategically located at different locations in the residential colony.

Considering the average annual rainfall of about 1600 mm and roof top area for rain water harvesting to be 13378m^3 and runoff coefficient of 0.9; the rain water harvesting potential is about **19,264 m^3**.

Total Catchment Area (Roof Top) for Rain Water Harvesting = **13378 m^2**.
Average Annual Rainfall of the Catchment Area = **About 1600 mm or 1.6 m.**

4.4.12 Solid Waste Generation and its Management

The generation of solid wastes from different sources and its present management practice vis-à-vis proposed management during post expansion is summarized in **Table No. 4.21.**

Table No. 4.21 Generation of Solid Waste and its Management Practice

Sl. No.	Source / Activity/ Section/Area	Type of Pollution & Pollutants	Present Management Practice for the Existing Facilities	Proposed Mitigation Measures during Post Expansion.
1.	Bauxite Conveying System (LDC)	Solid Waste (Bauxite Dust)	Covered conveyor system with water spraying system at transfer points.	Same practice will be adopted for the expansion project.

2.	Secondary Crushing of Bauxite	Solid Waste (Bauxite Dust from dust extraction system)	Bag filters & water spraying system provided. The dust collected from Bag filters is recycles to the process for extraction of Alumina.	Same practice will be adopted for the expansion project.
3.	Bauxite Stacking & Reclaiming.	Solid Waste (Sedimentation Cake)	The cake generated during cleaning of sedimentation pit is disposed in the RMP.	Same practice will be adopted for the expansion project.
4.	Slurry Heating & Pre-desilication	Solid waste generation (Red Mud)	Scales and de-silicated mud generated from descaling of process vessels are collected and disposed in the Red Mud Pond through High Concentration Slurry Disposal System (HCSDS).	Red Mud Slurry will be filtered in the Red Mud filtration plant. The filtrate will be recycled to the process area for re-use in the system and the Red Mud Cake (20% moisture) will be conveyed by belt conveyer for utilization / disposal in the Red Mud Pond.
5.	Digestion, Flashing & Dilution	Solid waste generation (Red Mud)	Scales and mud generated during de-scaling of **Digester Vessels** and Process Heaters are collected and disposed in the Red Mud Pond.	Same practice will be followed for the expansion project.
6.	***Red Mud Separation - Clarification by High Rate Thickeners (HRT) [High***	**Solid waste generation (Red Mud)**	Scales and mud generated during de-scaling and cleaning of **HRT Vessels** are collected and pumped by High Concentration Slurry Disposal System	Red Mud Slurry will be filtered in the Red Mud filtration plant. The filtrate will be recycled to the process area for
	Rate Decanters].		(HCSDS) to Red Mud Pond for disposal.	re-use in the system and the Red Mud Cake (20% moisture) will be conveyed by belt conveyer for utilization / disposal in the Red Mud Pond.
7.	*Red Mud Washing by Mud Washers [Deep Cone Washers].*	Solid waste generation (Red Mud)	Scales and mud generated during de-scaling and cleaning of **DCW Vessels** are collected and disposed in the Red Mud pond through High Concentration Slurry Disposal System (HCSDS).	Red Mud Slurry will be filtered in the Red Mud filtration plant. The filtrate will be recycled to the process area for re-use in the system and the Red Mud Cake (20% moisture) will be conveyed by belt conveyer for utilization / disposal in the Red Mud Pond.

8.	*Liquor Causticisation*	Solid waste generation (Red Mud)	Scales and mud generated during cleaning of process vessels are collected and disposed in the Red Mud pond	Similar system will be adopted for the expansion project.
9.	Calcination	Solid Waste (Alumina Dust)	The alumina dust collected from the ESP hopper is recover and sent to product Alumina Silo.	Same practice will be adopted for the expansion project.
10.	Lime Handling Plant	Solid waste generation (Lime Grit)	Lime grit collection and disposing either in Red Mud Pond or selling to fly ash bricks manufacturers or use in Red Mud Pond along with Red Mud & Fly Ash for embankment construction.	Similar system will be adopted for the expansion project.
11.	Process Waste Water & Surface Runoff Management	Solid waste generation (Sludge)	The Sludge generated during cleaning of Caustic Pond and Guard Pond are collected and disposed in the Red Mud Pond.	Same practice will be adopted for the expansion project.
12.	Boiler Turbine Generator (BTG) Unit	Solid waste generation (Ash)	Bottom ash is sent to Dewatering Bin followed by Ash utilization / pumping to Ash Pond. Fly ash is collected in Ash Silo for utilization/ pumping to Ash Pond.	Similar system will be provided for the expansion project.
13.	DM Plant and Cooling Water System	Solid waste generation (Sludge)	The sludge from cleaning of the above pits are disposed of in the Red Mud Pond.	Same practice will be adopted for the expansion project.
14.	Plant Canteen	Biodegradable Canteen Waste	Vermin composting and use of compost as manure.	Same practice will be continued.

Quantification of major solid wastes during existing, proposed & post expansion scenario along with present management practice vis-à-vis proposed management is given in **Table No. 4.22.**

Table No. 4.22

Quantification of Solid Waste and its Management Practice

Sl. No.	Solid Wastes	Source Generation	Generation Quantity			Present Management Practice for the Existing Facilities	Proposed Mitigation Measures during Post Expansion.
			Existing Scenario	Proposed Scenario	Post Expansion Scenario		
1.	Red Mud	③ From High Rate Thickeners during Red Mud separation by clarification. ③ From Deep Cone Washers during washing of Red Mud. ③ From Predesilicators, Digester, Liquor Causticisation . ③ During cleaning of Caustic Pond, Guard Pond & Sedimentation Chamber of Stacking /Reclaiming area. [Generation @ 1.4 Ton per Ton of Alumina produce]	5,589 TPD (Dry basis) (20,40,000 TPA – Dry basis) 6,986 TPD (Wet basis) (25,50,000 TPA – Wet basis)	5,589 TPD (Dry basis) (20,40,000 TPA – Dry basis) 6,986 TPD (Wet basis) (25,50,000 TPA – Wet basis)	11,178 TPD (Dry basis) (40,80,000 TPA - Dry basis) 13,972 TPD (Wet basis) (51,00,000 TPA – Wet basis)	High Concentration Slurry Disposal (HCSD) system is being adopted to pump out the Red Mud Slurry to Red Mud Pond (RMP) with 60% concentration. The decant water from RMP is reclaimed through decant wells and reused for making Red mud slurry.	Red Mud Slurry will be filtered in the Red Mud filtration plant. The filtrate will be recycled to the process area for re-use in the system and the Red Mud Cake (20% moisture) will be conveyed by belt conveyer for utilization / disposal in the Red Mud Pond.

2.	Fly Ash (80% Fly Ash + 20% Bottom Ash)	From Boiler Turbine Unit of Co-generation Plan.	800 TPD (2,92,000 TPA)	800 TPD (2,92,000 TPA)	1600 TPD (5,84 ,000 TPA)		
3.	Lime Grit	From Lime Handling Plant.	40 TPD (14,600 TPA)	40 TPD (14,600 TPA)	80 TPD (29,200 TPA)	• Land Filling • Mines Void Filling • Supply to Brick Manufacture. • Road making • Soil / Land • Ash Pond	• Mines void filling • Supply to brick manufacturers.
4.	Canteen Waste		0.5 TPD (183 TPA)	0.25 TPD (91.25 TPA)	0.75 TPD (274 TPA)	Vermin composting and use of compost as manure.	Same practice will be continued.

Out of all the solid wastes listed above Red Mud and Fly Ash are the major solid wastes and hence the management practices of these two wastes are detailed separately:

4.4.12A Management of Red Mud:

Red Mud is the process waste of which is generated during the extraction of Alumina from Bauxite by Bayer's process. The major quantity of Red Mud is generated during Red Mud separation through clarification by High Rate Thickeners. The other sources of Red Mud are from Deep Cone Washers, Pre-delisilicators, Digester, Liquor Causticisation, Caustic Pond, Guard Pond & Sedimentation Chamber of Stacking /Reclaiming area.

This red mud, which is also called as bauxite residue, red slime, red sludge etc. is red in appearance due to the presence of iron oxide from undigested bauxite. In other words, red mud is that part of Bauxite which is inert towards alkali, which is a slurry containing natural substances originally present in the Bauxite- i.e. the ore residues with a residual amount of Iron, titanium, silica, alkali and other impurities - left over from the process.
Presently the Red Mud is being pumped directly to the Red Mud Pond through High Concentration Slurry Disposal System with 60% concentration. Red Mud disposal has been combined through thickened tailing disposal technique of Alcan. This is disposed of by GEHO pumps (positive displacement pumps) in the designated red mud disposal area.

The Red Mud is disposed of in scientifically built containment facilities, called Red Mud Pond. Red Mud Pond is located at about 2.5-km North of the Alumina Refinery Main Plant. The red mud stacking is through dry staking system. Red mud disposal has been considered through thickened tailings disposal technique of Alcan and consists of pumping of red mud at very high

percentage solids, which is discharged in layers at a gentle slope. For this purpose, about 207.8 ha of land is allocated with suitable geo-membrane lining (1.5 mm HDPE Liner).The area has a gentle slope in general and a steep upward slope to the North and the North-East. The area on Northern side is used as red mud stacking area. The Southern area, which is comparatively low lying, is used as holding pond. The Eastern edge of the red mud stacking area just touches the conveyor corridor, which leads to the plant. The dust prone areas are sprayed on regular basis with water from the holding pond using mobile tanker mounted sprinklers.

The red mud disposal area is located in the catchment area of Barha Nadi. The active red mud disposal area is separated from the area beyond by means of dykes around red mud stacking area as well as holding pond to avoid the ingress of rainwater run-off into the active area. A network of garland drain diverts the rainwater run-off away from the active area towards Barha Nadi. The rainwater falling over the active red mud stacking area flows towards the southern dyke due to natural slope of the area, from where it is led to the holding pond through a network of drainage pipes and ditches. The collected rainwater run-off contains small concentrations of caustic soda and is pumped from the holding pond to the alumina plant for process use.

The entire RMP is divided into 4 parts. Such as Pond A, Pond B, Pond C, & Pond D. Out of which Pond A & B is meant for **Mud Storage** and Pond C & D are meant to **store Return Water**, supernatant liquid collected from the Mud Storage Pond (Pond A & B) through decant wells. At present Pond A (Mud Storage Dam) and Pond C (Return Water Dam) is in line and **Pond B is under construction**. The supernatant water is reused in process. Pond-D is being used as a fresh water reservoir for storing fresh water from San River to meet the plant water demand during the lean season.

The 1/3rd of the Pond-A Mud Storage Dam (Wet Zone) is lined with Clay along with 1.5 mm thick single layer HDPE liner. The other 2/3rd of the Pond-A Mud Storage Dam (Dry Zone) is lined with clay liner. The Pond-C (Return Water Dam) is fully lined with Clay and 1.5 mm thick single layer HDPE liner. As Pond B (Mud Storage Pond; same as Pond A) will be used to store the dry red mud from the Red Mud Filtration Unit, it will be provided with 1.5 mm HDPE liner in the bottom with the dykes made from a mixture of Red Mud, Fly Ash, Lime grit. The dyke will have a 1.5 meter soil cladding with grass turfing for better stability. Pond D is also provided with clay and 1.5 mm thick HDPE liner to keep the stored fresh water free from contamination from other ponds.

The other facilities provided at the Red Mud Pond (RMP) are given below:

Decant Wells: Water is collected in the deep pump wells within Pond A & B of the mud storage dam. These are specially designed pump wells with drainage holes through the walls of the pump wells over their entire depth.

Leachate Drain: The Mud Storage Dam also has a leachate drain above the HDPE Liner at the lowest point in the storage to remove any free water that is released from consolidating mud and the leachate thus collected is drained to Pump wells A & B.

Mud Placement: Red Mud having 60-62% solid content generated from the Alumina Refinery is pumped through steel pressure mains to the Mud Storage Dam through 2 nos. GEHO pumps of capacity 270 M^3/hr each .The mud is then discharged into the mud storage pond from piped outlets and spread in thin layers to encourage evaporation of moisture of the mud.

Pumping: 2 nos. of submersible pumps (600 m^3/hr) each are provided at Pond A and Pond B to transfer water from Mud storage area to return water dam and 2 nos. of submersible pumps (263 m^3/hr) each are provided at Pond C and Pond D to transfer water from return water dam to the Alumina refinery.

Spillways: All spillways with the storages have been sized to accommodate the probable maximum flood (PMF) and freeboard based on the hazard rating of the dam.

Subsoil drainage: A sub-soil drainage system is installed under the HDPE and clay liner system to control ground water pressure and minimize uplift on the liner system. The sub soil drain leads to 2 nos. of Sumps of size (Ø 3 m x 3 m Depth). The seepage water thus collected is pumped out to the Return Water Dam through 4 nos. submersible pump of capacity 25 m^3/hr. each.

Runoff drainage network: A network of drainage system has been provided along the dykes of the red mud pond area with check dams to check the erratic flow of surface runoff.

There is no discharge from Red Mud Pond.

Design of Red Mud Pond :

The Red Mud Pond is located over 207.8 Ha. of land and the construction of the Red Mud Pond is as per the approved drawing and design of State Pollution Control Board, Odisha vide letter no. 19306/IND-IV-HW-931, dt. 30.08.2012. The same is presented at **Annexure 4.1**.

The photographs of Red Mud Pond & Red Mud Filtration Plant are depicted at **Figure No 4.7 to 4.8**.

Figure No. 4.7
Photographs of Red Mud Pond










However, the industry has already switched over from HCSDS to dry disposal system by installing Red Mud Filtration Plant. The filtrate is being recycled to the process area for re-use in the system and the Red Mud Cake (20% moisture) is conveyed by belt conveyors for utilization / disposal in the Red Mud Pond. Fixed type water sprinklers will be installed at the RMP to suppress dust during the summer season.

The details of Red Mud Filtration Plant is highlighted below;

Red Mud Filtration Plant:

The proposal for installation of Red Mud Filtration Plant is already implemented by installing plate and frame filters for red mud filtration technology which will increase the life of the existing red mud pond by achieving mud disposal from 60% (W/W) solid concentration to 75% (w/w) solid concentration.

The Red mud slurry is tapped from the existing slurry pipe line from the slurry holding tanks. Two slurry holding tanks have been envisaged for stiring the red mud. From these tanks the red mud is fed to eight number of red mud filters (7 working + 1 strandby). Each filter has been provided with one dedicated filter feed pumps. Filrate from the filters being collected in 02 nos filtarte tanks and pumped up to the battery limit. One working and one stand by pump have been provided for this purpose. The filtered cake is being collected in the dedicated individual belt conveyors (8 No's) which discharge to a common conveyor for disposal to pond A through tripper conveyor. Two filter squeeze wash tanks have been provided for storing the squeeze water for the filters, squeeze water being pumped to filters by 8 no's of squeeze water pumps (one dedicated pump for each filter press). Filtered water is being used for cloth washing purpose. All the drains of the area are routed to area sump equipped with an agitator & a sump

pump. Similar facilities with equal number of equipment shall be put in place for the expanded plant too. The new RMF (Red Mud Filtration) unit will also be connected to both Red Mud Ponds A & B through a set of conveyors.

Figure No. 4.8
Photographs of Red Mud Filtration Plant











Adequacy of Red Mud Storage capacity :

The adequacy of Red Mud Storage capacity is justified below;

- ③ The rate of Red Mud generation (Dry basis) = 1.36 ton per ton of alumina production [considering 37.5 % THA (Tri Hydrate Alumina) content in the Bauxite]
- ③ Quantity of Red Mud to be stored as generated for 1 ton of Alumina production = 1.70 ton per ton of Alumina production. [Considering 20% moisture of Mud bed].
- ③ Required mud storage capacity for 1 ton of Alumina production = 0.79 m^3 [Considering stored mud density as 2.15 t/m^3]
- ③ Required mud storage capacity for 3.0 million ton (MT) of Alumina production = 2.37 million m^3
- ③ Area available for Red Mud storage = 207.8 ha., say 208 ha.
- ③ Area for Mud stacking = 145.6 ha. [Considering 70% of total area will be used for mud stacking, balance area will be kept for water management, filtration plant, access road and closure corridor etc.].
- ③ Equivalent radius for mud stack area = 681 m [Considering circular base for theoretical estimation].
- ③ Angle of dry mud stockpile = 20 degree
- ③ Theoretical height of mud stockpile = 248 m
- ③ Actual height of mud stockpile = 40 m [considering 40 m mud bed height from its base level].
- ③ Volume of mud stockpile = 49.3 million m^3
- ③ Mud Storage Capacity per Hectare = 0.34 million m^3/ ha.
- ③ Life of red mud pond @ 3.0 MT Alumina Production per Annum = 20.84 years

Note:

The estimated red mud storage life of 20 years is based on 3.0 MTPA production by processing bauxite containing 37.5% THA and with a stacking height up to 40 m with 20 deg angle of repose. However, the storage life can be further enhanced by increasing the stacking height.
e.g., every 10 m increase (up to total stacking height of 60 m) above 40 m shall enhance the storage life by approximately 4 years.

The portion of the active area, which will reach the full capacity will be deactivated and rehabilitated progressively.

Utilization of Red Mud:

The Red Mud can be utilized for the following purposes; ③
Clinker making in Cement Plant.

- ③ Manufacturing of Red Mud Bricks, Tiles.
- ③ Recovery of Trace Elements.
- ③ Stowing the mine voids.

The industry is exploring the possibility for utilisation of Red Mud for different proposes.

- **Physical Properties of Red Mud**

The physical properties of the Red mud are summarized in **Table No. 4.23.**

Table No. 4.23 Physical Properties of Red Mud

Sr. No.	Property	Mud Cake
1.	% solids in Red Mud Slurry	60
2.	Cake density	2.4 t/m^3
3.	Specific gravity of dry mud	2.8 t/m^3

- **Chemical Properties of Red Mud**

Red mud is alkaline in nature and is having a pH of about 11 to 12. The typical chemical composition of the residue is given in **Table No. 4.24.**

Table No. 4.24 Residue Chemical Composition

Sr. No.	Component	% by Weight in Dry Basis
1	LOI (%)	8.10
2	TA (%)	13.58
3	THA (%)	5.14
4	T-SiO_2 (%)	4.88
5	Fe_2O_3 (%)	61.33
6	TiO_2 (%)	4.09
7	CaO (%)	1.14
8	Na_2O (%)	3.60
9	P_2O_5 (%)	0.17
10	V_2O_5 (%)	0.11

4.4.12 B Management and Handling of Fly Ash:

Fly Ash includes all categories or groups of coal or lignite ash generated at the thermal power plant such as Electrostatic Precipitator (ESP) ash, dry fly ash, bottom ash, pond ash and mound ash.

Fly Ash is generated due to combustion of coal in the Co-generation Plant. The ratio of Ash generation is Fly Ash : Bottom Ash is 80% : 20%. The fly ash from the proposed boiler will be collected in economizer hoppers, air heater hoppers, ESP hoppers and will be conveyed through dense phase pneumatic conveying system to silo. It is envisaged to dispose the fly ash to ash disposal ponds. For disposing fly ash/bottom ash in slurry form, the ash from silo is mixed with water in ratio of 70:30 (Ash: Water). The slurry is then pumped up to the ash pond which is located at a distance of 3 kilometers from the plant.

🕘 **Ash Handling System:**

Main features of the **Fly Ash Handling and Management System** is as follows:

(i) Intermittent wet or dry removal and disposal of bottom ash from bottom of the Boiler.

(ii) Intermittent dry evacuation of fly ash from bottom of the ESP hopper.

(iii) Pneumatic conveying system for collection of dry fly ash from ESP hopper and conveying it to Fly Ash Silo; for subsequent utilization of dry Fly Ash.

(iv) Disposal of ash slurry through **HCSD (High Concentration Slurry Disposal) System** to Ash Pond for subsequent utilization of Pond Ash. Also the fly ash will be disposed for back filling in mines void area and which will be transported through pipe line/LDC/Truck/Tripper/Hyva.

(v) Recycling of supernatant water for utilization in ash handling and disposal. These activities include bottom ash quenching, moistening of fly ash and slurry making in the HCSD (High Concentration Slurry Disposal) System for disposal of Ash.

- **HCSD System for Disposal of Fly Ash:**

(i) The dry fly ash collected in the ash silo will be fed to the ash conditioner through rotary feeder.

(ii) Rotary feeder controls the mass flow rate of dry fly ash

(iii) The ash is moistened by adding little water (about 10% by weight) in the ash conditioner

(iv) The moistened ash will be fed in to slurry mixing tank and thoroughly mixed with water

(v) The concentration of the ash slurry in the mixing tank would be about 50% by weight (i.e. Ash: Water = 70%: 30% (By weight).

(vi) The level of slurry in the ash slurry tank, flow of dry ash as well as water are required to be monitored and maintained by providing necessary instruments in the control system such as flow meter, density meter, etc.

(vii) The high concentrated slurry so formed would be transported to Ash Pond /Mine Void Area in the form of high concentration slurry under high pressure.

- **Advantages of HCSD System:**

(i) Dense ash slurry uses significantly less water than dilute slurry.

(ii) Disposal of the ash slurry to the Ash Pond/ Mine Void Area through pipelines is safe reliable and devoid of spillage.

(iii) Rate of evaporation is quite high thereby promoting rapid consolidation of the slurry layer. It forms a surface crust which is dust free.

The photographs of Fly Ash Pond are depicted at **Figure No 4.9 to 4.10**.

Figure No. 4.9

Photographs of Fly Ash Pond



Ash Pond Aerial View



Ash Pond View from the Dyke





Ash Pond inlet view fror

Ash Pond inlet view from the Dyke





Ash Pond inlet view fror

Ash Pond inlet view from the Dyke

Figure No. 4.10 Return Water Settling Pond



View of Settling Pond



View of Settling Pond



View of Settling Pond



View of Settling Pond

- **Management of Ash Pond:**

Though fly ash is known to be an inert material, there is an apprehension about certain soluble chemicals in the decanted water which can have adverse effect if such decanted water is let into a river body or ground water. Therefore, in the proposed ash pond, it is envisaged to provide multiple layers of clay liners along with 1.5 mm thick HDPE liners to ensure impermeability.

Apart from pollution to ground water, another major concern is dust pollution in the surrounding area during heavy wind. To prevent dust pollution, water sprinklers shall be arranged in to take care of dry condition. The dust pollution is more from the pond which is not in operation and where construction is in progress by excavating the fly ash. For the pond which has reached the ultimate height and no further extension of height is warranted, the surface shall be covered with a 300mm thick soil layer. Suitable vegetation shall be grown over the area which ensures no dust pollution.

Method of Slurry Discharge:

High Concentration Slurry Discharge (HCSD) System will be adopted. For ash ponds of this nature, it is most important that the discharge of slurry is distributed uniformly over the entire perimeter of the ash dyke, except at location close to the water exit point. It is observed that out of various sizes of ash particles, the coarse particles have tendency to settle near the discharge point and the finer particles get carried away from the discharge point. On the other hand, the particles which are carried further (away from the discharge point) are of finer nature, with high compressibility, poor drainage and low angle of friction.

Therefore, the discharge points have to be uniformly distributed. This will provide adequate bearing capacity and resistance against slip circle failure for the construction of ash dyke over the deposited ash along the perimeter. It is noticed that though more number of discharge points have been provided, only few of them (2 or 3) are operated at a time. It is better that the discharge shall be simultaneously made from all the discharge points for more uniform beach formation along the perimeter. If any leakage is formed in the slurry discharge pipe, the same shall be immediately blocked as this will otherwise create erosion of the downstream face and deposition of ash on the downstream face leading to dust pollution. If the distance between discharge points is more than 30m, it is preferable that one or two flexible hoses of 15 to 20m length are attached to the discharge point and the other end of the hose is manually shifted within a radius of 15-20m on either side of the discharge points. This will prevent local heap formation and provide uniform beach. Apart from the above, careful watch shall be exercised to ensure that a minimum freeboard of 0.5m is available at the dyke location. Even after uniformly distributing the slurry, if the beach length is less than 30m, the discharge pipes shall be extended into the pond by supporting the pipe suitably over the deposited ash to the extent such that minimum 50m wide beach is formed. Reduction in beach length will increase the seepage on the downstream side and can create problem of instability of the downstream slope. When the free board in the reservoir is less than 0.5m, further discharge shall be switched over to the other pond.

Maintenance of Ash Pond:

It is very important to constantly supervise the ash dyke and carryout necessary remedial measures. Following aspects have to be considered during inspection of the dyke:

- **Wet Patches on Downstream Slope:**

This is possible only if the beach length is not adequate and/or the drainage is choked. Corrective measures shall be taken immediately. If the wet patches continue to appear, the area shall be protected by placing a sand filter layer followed by a layer of stones to prevent piping failure. Wherever relief wells are provided, the outflow from the relief wells shall be monitored. A register shall be maintained recording rate of flow from each relief well. Such measurements shall be taken a frequency of 15 days. If any of the discharge pipes from the relief well is found to have been blocked, the same shall be cleared for effective relief of the seepage water.

- **Gulley Formation:**

The downstream face can have gulley formation due to surface water flow during rain. This can be prevented by maintaining grass turfing and by selecting non-erodible earth cover during the dyke construction. If any gulley formation is noticed, the same shall be back-filled with cohesive soil (not fly ash) and covered with grass turf.

- **Rat holes / Animal Burrows:**

During inspection if any rat holes or animal burrows are noticed, the same shall be plugged using cohesive soil and covered with grass turf.

- **Softening of Downstream Area:**

Apart from the dyke slope, the area adjacent to downstream of the rock toe shall also be inspected. If any softening of the ground is noticed due to seepage of water, the area shall be provided with an inverted filter blanket. At such locations, relief well shall be installed for safe exit of the seepage water.

- **Growth of Plants:**

No plants / trees shall be allowed to grow on the downstream face. If any such growth is noticed, the area shall be cleared by removing all the roots, plug the area with selected cohesive soil and cover with grass turf.

- **Choking of Surface Drains:**

Due to deposition of soil particles in the toe drain or drains provided on the downstream face, the function of the drain is affected. This results in stagnation of seepage water in the drain which is not desirable. All toe drains and surface drains shall be cleared by removing soil or vegetation for smooth flow.

Along the ash dyke, if reduced free board is noticed at a local point due to settlement of the dyke of erosion of earth cover at the surface, the same shall be rectified by providing additional earth fill on the top of the dyke. If the earth cover is formed to be missing or eroded, the area shall be covered by additional earth cover of minimum 0.5m thickness.

The dyke shall be visited particularly after events like earthquake, cyclone, heavy rains, high flood in the river, etc. and a report prepared based on the observation. If any damage is noticed, the same shall be rectified as per the guidelines given in this note. If no suitable guidelines are found for the nature of the damage, the designer of the dyke shall be consulted immediately.

The beach area of the pond which is under operation shall be inspected. If any subsidence or sink holes are noticed along the beach, the downstream side at the same location shall be inspected for corrective action.

🕘 **Monitoring the Dyke:**

In view of various uncertainties in the design of ash pond, it is preferable to monitor the performance of the bund throughout its operation. The equipment for such monitoring are same as that used for monitoring of dams. Instruments commonly provided for such monitoring are listed below:

(i) Settlement gauges along the top of the bund.
(ii) Piezometers, minimum 3 to 4 nos. at critical sections to check the phreatic line during various stages of operation to verify the efficiency of internal drains.

It is recommended that on each of the ponds, two locations shall be identified on each side of the dyke and these locations shall be provided with instruments mentioned above. The measurements on these instruments shall be regularly carried out (every month) and the records shall be maintained.

Other General Recommendations:

Following are desirable for effective operation and maintenance of the ash dyke:

i. The entire area of the ash dyke shall be provided with fencing and unauthorized entry within this ash pond area shall be strictly prohibited. Security guards shall be posted for vigilance of the ash dyke area round the clock. This is very important as there are chances of sabotage.
ii. The entire dyke perimeter shall have accessible roads with at least WBM topping. iii. The entire dyke area shall be provided with street lights or flood lights for inspection purpose. These lights need to be turned on only in case of inspection during night.

A site office shall be constructed with a full time Engineer responsible for inspection and monitoring of the ash pond.

ACTION PLAN FOR ARRESTING LEACHATE IN THE ASH POND AND DETAILS OF LINING :

The Action Plan for arresting leachate in the ash pond would include the following:

1. Construction of ash pond with proper embankment and slope to hold generation of ash for five years.
2. Provision of proper liners at the bottom and sides of the ash pond for arresting the leachate.
3. Proper operation and maintenance of the ash pond.
4. Scheduled inspection and monitoring of ash pond.
5. Proper method of raising the ash dyke configuration.

The above points are dealt in detail in the following paragraphs. The unit has decided to go in for clay compacted liner of the ash dyke having 12 m of bund height to hold generation of ash for five years.

A typical storage of ash or ash landfill is designed very much like a conventional solid waste landfill or retention pond. The landfill/pond walls must resist seepage and remain stable. Landfill/pond slope designers use the principles of small earthen dam design. They perform seepage analyses and consider such items as seepage paths, hydraulic heads, and co-efficient of permeability of the material.

Also, leachate that could contain hazardous components must not be allowed to leave the facility and infiltrate groundwater; Landfills and retention ponds must be properly lined with suitable cohesive soil and geo-synthetic liners to minimize this risk.

Slope stability depends on construction materials as well as subsurface soil conditions below the embankments and ponds. These ash landfills/ponds need to be designed to prevent localized slope failures that weaken the embankment or global failure that causes the entire embankment to rupture. Fly ash dikes associated with landfills or retention ponds are subject to erosion, instability, and seepage problems. Managers can reduce these risks through proper storage design and regular inspections as well as routine monitoring and maintenance.

In view of the above discussed geological and ground water conditions of the project site the feasibility of Fly Ash Pond can be of lined type only. There could be two options for construction of ash pond which may prevent the ground water contamination. The one is with soil lining properly treated and other could be using HDPE lining. The construction of ash pond requires necessary attention as there may be a possibility of ground water contamination due to seepage into ground water aquifer systems in long run of time. Lining of ash pond is essential in this area considering the ground water levels and fluctuations taking place during pre and post monsoon. The soil permeability of the project area is to be ascertained by conducting the field permeability test. However, in general the ground conditions appear to be permeable as far as geological formations in the project area is considered. Following are the two options for lining of ash pond in the project area:

Option 1

Soil lining for fly ash pond

A liner is required for a pond, consisting of a compacted soil-dispersant mixture, to reduce seepage losses from ponds or waste impoundments for water conservation and environmental protection. This practice applies where soils are suitable for treatment with dispersants and ponds or waste impoundments require treatment to reduce seepage rates and to impede the migration of contaminants to within acceptable limits.

Criteria

- Dispersant treated soil liners shall comply with all federal, state, and local laws, rules, and regulations.
- Lined structures shall meet all applicable standards.
- Dispersant treated soil liners shall be filter compatible with the natural foundation materials on which they are compacted.
- The minimum thickness of the finished compacted liner shall be Synches.
- The dispersant shall be tetra-sodium pyrophosphate (TSPP), sodium tri-polyphosphate (STPP), or soda ash unless laboratory tests using other dispersant types are used for design.
- When laboratory permeability tests are required to determine application rates, the tests shall be performed using dispersant of the same quality and fineness as that proposed for use.

Design

Design of dispersant treated soil liners for waste impoundments shall be in accordance with state regulatory requirements. The liner shall be protected against desiccation cracking, the

effects of water surface fluctuations, wave action, surface erosion, erosion from pipe inlets, agitation equipment, animals, or items installed through the liner. Protective measures shall be designed into the system to protect the liner for these cases. As a minimum, at least 6 inches of soil cover shall be placed over the soil-dispersant liner.

- **Application Rate**

For ponds, in the absence of laboratory tests or field performance data on soils similar to those to be treated, the minimum application of dispersant per 6-inch thickness of constructed liner shall be:

Table No. 4.25
Thickness of Constructed Liner in Ash Pond

Dispersant Type	Application rate (lb./100 ft2)
Polyphosphates	7.5
Soda Ash	15

- **Liner Thickness**

The liner thickness is dependable on the depth of water in the ash pond. In the absence of more detailed testing and analyses, liner thickness shall be according to the following table:

Table No. 4.26
Depth of Water in the Ash Pond

Water Depth (feet)	Liner Thickness (inches)
8 or less	6
8.1-16	12
16.1 - 24	18
24.1-30	24

- **Considerations**

Flattening the slopes of ponds or waste impoundments to facilitate compactive efforts during construction should be considered. The stair-step method of construction should be adopted. A protective compacted soil cover should be considered for protecting the soil-dispersant liner for ponds. Consider using a flexible membrane liner for sites that have water depths greater than 24 feet.

- **Plans and specifications**

Plans and specifications for dispersant treated soil liners for ponds and waste impoundments shall be in keeping with this standard and shall describe the requirements for applying the practice to achieve its intended purpose. Plans and specifications shall include such drawings, specifications, material requirements, quantities, construction requirements, equipment requirements, and other documents as are necessary to describe at the DPR stage of the work to be done.

- **Operation and maintenance**

Maintenance activities required for this practice consist of those operations necessary to prevent damaging the treated soil liner. This includes, but is not limited to, excluding animals and equipment, form the treated area, protection of the liner during initial filling, agitation, or pumping operations, and repair of disturbed or eroded areas.

Option 2

- **HDPE Lining**

The Fly Ash is collected from the boiler's hopper precipitator fly ash from the electrostatic precipitator hoppers. This is mixed with water to make a suspension, which is pumped to the ash pond. Climax HDPE sheet provides perfect lining for the ash ponds. The HDPE geomembrane has a lower tendency to exchange ions with leachate constituents and maintains its integrity as a barrier over the time. This application is widely used in power plants, copper/zinc smelters etc. There are standard HDPE lining producers which can install the lining geo-membrane in the fly ash ponds. Though the technology is little expensive but none the less this provides better results and prevention from ground water contamination in the aquifers systems lying below the ash ponds.

- **Maintenance**

Embankments must be maintained to prevent erosion to the face of the embankment or at the toe of the slopes. Erosion along the face reduces the cross-section of the embankment, thus ' lowering the overall safety factor against a localized or global rotational embankment slope failure. Once a slope starts to erode, the rate at which future erosion will take place may increases. Likewise, erosion at the toe of the slope reduces the weight of soil resisting global stability failure. In any case, proper slope design, along with good vegetative cover or riprap layer, must be maintained. Animal infestations (such as groundhogs) can cause significant tunneling that will ' lead to erosion, seepage conduits, and damage to slope vegetation. Such burrow holes need to be located and backfilled with suitable cohesive soils.

- **Inspection and monitoring**

To limit the potential for failure and reduce the liability associated with environmentally contaminating downstream areas, facility owners should:

- Review the facility design. This may entail performing geotechnical explorations and piezometer installation to assess the subsurface soil and groundwater conditions in the embankment and foundation. Assess the global stability of the current structure to determine if the embankments should be reworked.
- Perform periodic inspections of the embankments to assess whether there is erosion or leakage/seepage from the holding ponds that may weaken the embankments. These should be done on an annual basis at a minimum.
- Install monitoring wells and perform routine chemical analysis of the groundwater to assess whether the pond/landfill is leaching hazardous substances and transporting them beyond the limits of the facility.

Owners should act immediately to correct issues identified during any inspection and monitoring. The environmental risks and cost associated with a dam/dike failure could be substantial.

Utilization of Fly Ash:

The bottom and coarse ash from boiler will be collected in wet form or semi dry form and fly ash from the ESP hopper and will be transported to fly ash silos. Bottom ash finds a market as a replacement of cinders. In the initial years of operations, efforts will be made to ensure maximum utilization of fly ash in dry form for commercial use. Fly ash being a product of high temperature has pozzolanic property and forms cementing material when mixed with lime and water. This property of fly ash makes it suitable for the following commercial uses:

In order to comply with the provision of the Fly Ash Notification No. 10294/IND-IV-PCP-MISC-109 dated 25.06.2016 & 15530/IND-IV-PCP-MISC-109 dated 22.10.2016, 14th September, 1999 and subsequent amendment there of 27th August, 2003, 3rd November, 2009 & 25th January, 2016; it is very important to formulate the Fly Ash Utilization scheme.

Fly ash utilization schemes will be selected out of the following fly ash utilization avenues:

1) Utilization of Fly Ash for road construction; as a filler layer under road pavements.
2) Utilization of Fly Ash for reclamation of low lying areas.
3) Reclamation of Mine Void.
4) Use of Fly Ash for manufacture of Bricks.
5) Use of Fly Ash in cement concrete.
6) Fly ash can be used for manufacture of cement and the relevant standards have been prescribed by ISI/BIS (Ref. IS No. 3812 – 1981 and IS 10154 Fly Ash 1980).
7) Use of Fly Ash for manufacturing Light Weight Aggregates.
8) Use of Fly Ash in Agriculture for soil conditioning/ stabilization
9) As a filler in rubber, paint, bituminous concrete and bituminous
10) As a raw material for glass manufacturing
11) In oil well sealing
12) In sand blasting in place of sand, for cleaning turbine blades

Out of the above possible option for utilization of Fly Ash and considering the location of the plant following options has been opted for the project.

Proposal for Fly Ash Utilization:

For the subject project, following areas of utilization of ash will be considered.

a) Utilization in Road Construction
b) Use of Fly Ash in dyke height raising of RMP
c) Use of Fly Ash in dyke height raising Fly Ash Pond
d) Filling of low lying area with Fly Ash

e) Disposal of Fly Ash to local Fly Ash Brick manufacturing units.

f) The Fly Ash will be used in for filling of mine void in future.

ASH UTILIZATION AND DISPOSAL:

The Ash Pond is situated at a distance of 3 km in the North East direction from Plant. Out of the total allocated area of 47.79 Ha. (118.08 Acre) only about 17.586 Ha.(43.45 Acre) is utilized for the existing Ash Pond having 8m dyke height at ash retainer side and 12m dyke height at water retainer side with a free board of 1.5m; having and holding capacity of 5,90,000 m^3 which is equivalent to 7,08,000 MT of ash.

The Ash generation, utilization and disposal is summarized in the following table considering worst case scenario with coal having 39% ash content and 100% capacity utilisation. But in practice the ash percentage will be lesser than the projected figure and 1 boiler will remain as standby. The existing configuration of the Co-generation Plan is 3X30 MW ; with 3X300 TPH Boilers and the configuration of the proposed expansion of Co-generation Plant will be 2X30 MW; with 2X300 TPH Boilers.

Table No. 4.27 Summary of Fly Ash Utilization

Time Frame	Co-generation Plant Capacity	Total Ash Generation (In Ton)	Ash Utilization (In Ton)	Utilization (in %)	Unutilized Fly Ash in Ash Pond (In Ton)
Scenario with Existing Configuration					
FY 2014-15	3 X 30 MW	211983	63028	30	148955
FY 2015-16	3 X 30 MW	228756	71084	31	157672
FY 2016-17	3 X 30 MW	211595	142520	67	69075
FY 2017-18 (Till June - 2017)	3 X 30 MW	63214	43487	69	19727
Accumulation of Ash in the Ash Pond as on 30th June, 2017					395429
Scenario till commissioning of Expansion Project [Transition Phase]					
July 2017 to Mar 2018	3 X 30 MW	404444	283111	70	121333
FY 2018-19	3 X 30 MW	539259	431407	80	107852
FY 2019-20	3 X 30 MW	539259	431407	80	107852
FY 2020-21	3 X 30 MW	539259	431407	80	107852
FY 2021-22	3 X 30 MW	539259	431407	80	107852
Estimated Accumulation of Ash in the Ash Pond as on 31st March, 2022					948169
Post Expansion Scenario					
FY 2022-23	3 X 30 MW + 2 X 30 MW	898764	808888	90	89876
FY 2023-24	3 X 30 MW + 2 X 30 MW	898764	808888	90	89876
Total estimated Accumulation of Ash in the Ash Pond as on 31st March, 2024.					1127922
FY 2024-25	3 X 30 MW + 2 X 30 MW	898764	898764	100	0
FY 2025-26	3 X 30 MW + 2 X 30 MW	898764	898764	100	0

FY 2026-27	3 X 30 MW + 2 X 30 MW	898764	898764	100	0
Note: 100% utilization of Fly Ash will continue further.					

As per the estimation provided above, accumulation of unutilized fly ash in the Ash Pond as on 30th June, 2017 is 3,95,429 Ton. Hence, in the present condition existing ash pond can hold about 1,94,571 Ton. But as enumerated above; provision has to made for holding about 11,27,922 Ton of Fly Ash as on 31st March, 2024. For accommodating the unutilized ash, the dyke height of the existing ash pond will be increasing by another 5 m and additional ash pond will be constructed in the balance 30.2 Ha. (74.624 Acre) already available out of the 47.79 Ha. (118.08 Acre) earmarked for ash pond.

It is envisaged that by the financial year 2024-25; 100% utilization fly ash would be achieved through mine void filling / embankment height raising / land development / road making / use in agriculture purpose for soil conditioning / fly ash brick making / cement manufacturing etc.

4.4.12 C Solid Waste Management Plan for Residential Colony :

"Solid Waste" includes solid or semi-solid domestic waste, sanitary waste, commercial waste, institutional waste, catering and market waste and other non-residential wastes, street sweepings, silt removed or collected from the surface drains, horticulture waste, agriculture and dairy waste, treated bio-medical waste excluding industrial waste, bio-medical waste and e-waste, battery waste, radio-active waste generated in the area under the local authorities and other entities mentioned in rule 2 of Solid Waste Management Rule, 2016.

The Solid Waste from the Residential Colony will be managed in accordance with Solid Waste Management Rule, 2016. The management plan for solid waste of the residential colony is as follows:

- The solid waste generated will be segregated in three separate streams and kept in suitable bins marked as follows; o Bio-degradable Wastes o Non-biodegradable Wastes o Domestic Hazardous Wastes.
- The segregated wastes will be handed over to authorized waste pickers or waste collectors as per the direction or notification by the local authorities from time to time.
- The used sanitary wastes like diapers, sanitary pads etc. will be wrapped securely in the pouches provided by the manufactures or brand owners of these products or in a suitable wrapping material as instructed by the local authorities and shall place the same in the bin meant for dry waste or non-bio-degradable waste.
- The construction and demolition wastes, as and when generated will be stored in the residential premises and will be disposed of as per the Construction and Demolition Waste Management Rule, 2016.
- The Horticulture waste and Garden waste generated from the premises will be stored separately inside the colony premises and will be disposed of as per the direction of local body from time to time.

- It will be ensured that the solid wastes generated from the residential colony will not be thrown or burnt or buried on streets, open public spaces outside the premises or in the drain or water bodies.
- It will be ensured that the user fee for Solid Waste Management as specified in the byelaws of the local bodies will be paid timely.
- In case of organizing and event or gathering of more than 100 persons the local body will be intimated at least three working day in advance and the wastes will be segregated at source and handed over to wastes collector or agencies are specified the local body.
- The Bio-degradable Wastes will be vermin composted within the premises as far as possible. The compost manure will be utilized in the garden and green belt.
- The composting of the Bio-degradable wastes will be done as per the following Standard Operating Procedure.

SOP for Composting :

③ The incoming organic waste at site will be stored properly prior to further processing. The wastes storage area should be covered properly, to the extent possible. If, such storage is done in an open area it will be provided with impermeable base with facility for collection of leachate and surface water runoff into lined drains leading to a leachate treatment and disposal facility.

③ Necessary precaution will be taken to minimise nuisance of odour, flies, rodents, bird menace and fire hazard;

③ Pre-process and post-process rejects will be removed from the processing facility on regular basis and shall not be allowed to pile at the site. Recyclables shall be routed through appropriate vendors. The non-recyclable high calorific fractions to be segregated and sent to waste to energy or for RDF production, coprocessing in cement plants or to thermal power plants. Only rejects from all processes shall be sent for sanitary landfill site(s).

③ The windrow area will be provided with impermeable base. Such a base will be made of concrete or compacted clay of 50 cm thick having permeability coefficient less than 10^{-7} cm/sec. The base shall be provided with 1 to 2 per cent slope and circled by lined drains for collection of leachate or surface run-off;

③ Ambient Air Quality Monitoring will be regularly carried out. Odor nuisance at down-wind direction on the boundary of processing plant will also be checked regularly.

③ Leachate shall be re-circulated in compost plant for moisture maintenance.

③ The end product compost will meet the standards prescribed under Fertilizer Control Order notified from time to time.

③ In order to ensure safe application of compost, the following specifications for compost quality will be met, namely:-

Table No. 4.28 Specifications for Compost Quality

Parameters	Organic Compost (FCO 2009)	Phosphate Rich Organic Manure (FCO 2013)
(1)	(2)	(3)
Arsenic (mg/Kg)	10.00	10.00
Cadmium (mg/Kg)	5.00	5.00
Chromium (mg/Kg)	50.00	50.00
Copper (mg/Kg)	300.00	300.00
Lead (mg/Kg)	100.00	100.00
Mercury (mg/Kg)	0.15	0.15
Nickel (mg/Kg)	50.00	50.00
Zinc (mg/Kg)	1000.00	1000.00
C/N ratio	<20	Less than 20:1
pH	6.5-7.5	(1:5 solution) maximum 6.7
Moisture, percent by weight, maximum	15.0-25.0	25.0
Bulk density (mg/Kg)	<1.0	Less than 1.6
Total Organic Carbon, percent by weight, minimum	12.0	7.9
Total Nitrogen (as N), percent by weight, minimum	0.8	0.4
Total Phosphate (as P_2O_5) percent by weight, minimum	0.4	10.4
Total Potassium (as K_2O), percent by weight, minimum	0.4	-
Colour	Dark brown to black	-
Odour	Absence of foul Odor	-
Particle size	Minimum 90% material should pass through 4.0 mm IS sieve	Minimum 90% material should pass through 4.0 mm IS sieve
Conductivity (as dsm-1), not more than	4.0	8.2

* Compost (final product) exceeding the above stated concentration limits will not be used for food crops. However, it may be utilized for purposes other than growing food crops.

Standard for treated leachates : The disposal of treated leachates will meet the following standards, namely:-

Table No. 4.29 Standards for Treated Leachates

Sl. No.	Parameter	Standards (Mode of Disposal)		
		Inland surface water	Public sewers	Land disposal
(1)	(2)	(3)	(4)	(5)
1.	Suspended solids, mg/l, max	100	600	200
2.	Dissolved solids (inorganic) mg/l, max	2100	2100	2100
3.	pH value	5.5 to 9.0	5.5 to 9.0	5.5 to 9.0
4.	Ammonical nitrogen (as N), mg/l, max	50	50	-
5.	Total Kjeldahi nitrogen (as N), mg/l, max	100	-	-
6.	Biochemical oxygen demand (3 days at 27° C) mg/l, max	30	350	100
7.	Chemical oxygen demand, mg/l, max	250	-	-
8.	Arsenic (as As), mg/l, max	0.2	0.2	0.2
9.	Mercury (as Hg), mg/l, max	0.01	0.01	-
10.	Lead (as Pb), mg/l, max	0.1	1.0	-
11.	Cadmium (as Cd), mg/l, max	2.0	1.0	-
12.	Total Chromium (as Cr) mg/l, max	2.0	2.0	-
13.	Copper (as Cu), mg/l, max	3.0	3.0	-
14.	Zinc (as Ni), mg/l, max	5.0	15	-
15.	Nickel (as Ni), mg/l, max	3.0	3.0	-
16.	Cyanide (as CN), mg/l, max	0.2	2.0	0.2
17.	Chloride (as Cl), mg/l, max	1000	1000	600
18.	Fluoride (as F), mg/l, max	2.0	1.5	-
19.	Phenolic compounds (as C_6H_5OH) mg/l, max	1.0	5.0	-

Note : While discharging treated leachates into inland surface waters, quantity of leachates being discharged and the quantity of dilution water available in the receiving water body will be given due consideration.

- In case of an accident during management of solid wastes the officer in-charge of the residential colony shall report to local body in Form-VI of Solid Waste Management Rule, 2016.

4.4.13 Hazardous Waste Management:

The hazardous wastes envisaged to be generated from different sources and there management practice are summarized in the tabular form.

Table. No. 4.30

Hazardous Waste Generation and its Management Practice

Sl. No.	Hazardous Wastes	Class / Schedule	Source of Generation	Quantity	Management Practice
1.	Used or Spent Oil	Sch.1, 5.1	Generated during Maintenance activities of plant and machineries including Compressors. Hydraulic System and Gear boxes of various drives.	200 KL/ Annum	Storage in containers under covered shed followed by sale to recycler/re-processor authorized by SPCB
2.	Wastes or Residues Containing oil	Sch.1, 5.2	Generated during cleaning of spent / oil and grease storage bins.	10 KL/ Annum	Storage in an impervious pit/containers under covered shed followed by disposal in authorized hazardous waste incinerator/Common Hazardous Waste Treatment Storage Disposal Facility (CHWTSDF)
3.	Rubber wastes contaminated with oil	Sch.1, 5.2	Generated during replacement of damage hydraulic hoses.	1 T/ Annum	Storage in an impervious pit/containers under covered shed followed by disposal in authorized hazardous waste incinerator/Common Hazardous Waste

					Treatment Storage Disposal Facility (CHWTSDF)
4.	Used Filter elements contaminated with oil	Sch.1, 5.2	The used Filters contaminated with oil are	0.5 T/ Annum	Storage in an impervious pit/containers under covered shed followed by
			generated in during oil changing from Heavy Earth Moving Machineries and other vehicles.		disposal in horized hazardous waste incinerator/Comm n Hazardous Waste Treatment Storage Disposal Facility (CHWTSDF)
5.	Empty barrels/containers/liners contaminated with hazardous chemicals / hazardous wastes.	Sch.1, 33.1	Generated during emptying of containers containing hazardous chemicals / hazardous wastes.	20 T/ Annum	Storage inside covered shed followed by disposal through original supplier or recycler/re-processor authorized by SPCB
6.	Sludge containing oil during cleaning, emptying of oil storage tanks	Sch.1, 3.2 & 3.3	Cleaning of oil storage tank	50 KL/ Annum	Storage in impervious pit/containers under covered shed followed by sale to recyclers of waste oil authorized by SPCB/disposal in hazardous waste incinerator/(CHWTSDF)
7.	Contaminated Cotton rags or other Wastes contaminated with oil	Sch.1, 33.2	Generated during handling /cleaning of oil.	1 T/ Annum	Storage in impervious pit/containers under covered shed followed by sale to recyclers authorized by SPCB/disposal in hazardous waste incinerator/(CHWTSDF)

8.	Spent Resin	Sch.1, 35.2	Spent Resins are generated from DM Plant Ionexchangers after expiry of the life of resins.	10 KL/ Annum	Storage in impervious pit/containers under covered shed followed by sale to recyclers authorized by SPCB or final disposal in Authorized HW incinerator/(CHWTSDF)

The compliance with respect to the general as well as specific conditions laid down in the hazardous waste authorization and of the requirements of Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 will be ensured.

4.4.14 Green Belt Development

Implementation of afforestation program is of paramount importance for any industrial development. In addition to augmenting present vegetation, it will also check soil erosion, make the ecosystem more complex and functionally more stable, make the climate more conductive and restore water balance. It can also be employed to bring areas with special problems under vegetal cover and prevent further land deterioration.

The main objective of the greenbelt is to provide a barrier between the plant and the surrounding areas. The greenbelt helps to capture the fugitive assimilation of toxic gases and to attenuate the noise generated in the plant apart from improving the aesthetics of the plant site. Plantation program is undertaken in all available areas. This includes plantation in the refinery premises, along the internal and external roads, along the administrative buildings and the stacking yards.

The plant species selected for greenbelt is including the native species. These saplings are planted in several rows with 10m to 15m width with a tree density of about 1500 trees/ha. The greenbelt development will be covered 33% of the project area; i.e. about 353 Ha. at the project area is 1069.51 Ha.

The plantation program at the proposed plant site is taken into consideration of the existing social forestry in the region. The plantation program is covered under the following design aspects:

Greenbelt all around the plant facilities;

- Greenbelt around plant boundary;
- Greenbelt around Red Mud Pond and Ash Pond is developed ;
- Development of greenery on vacant space in the plant & colony;
- Greenbelt along the internal and external roads used for the project.
- The total number of trees is planted in this area at the rate of 2500 trees per hectare initially with the provision of increasing density based on survival and performance;

- Shrubs and trees is planted in encircling rows around the project site;
- The short trees (<10-m height) is planted in the first rows (towards plant side) of the greenbelt. The tall trees (>10 m height) is planted in the outer rows (away from plant side);
- Planting of trees in each row is in staggered orientation (Triangular form);
- Since the trunks of the tall trees are generally devoid of foliage, it will be useful to have shrubs in front of the trees so as to give coverage to this portion;
- Standard pit size would be 0.45 m x 0.45 m x 0.45 m;
- The pits shall be filled using good soil from nearby agricultural fields (3 parts) and farm yard manure (1 part).

4.4.14.1 Greenbelt Development in Plant and Surrounding Areas

A wide greenbelt all along the boundary of the refinery plant has been developed. In addition to this, all vacant spaces and all along the external roads of the project area has been planted. Already about 318 Ha. of plant area has been brought under greenbelt till 2017.

The total area under the occupation of UAIL plant is about 1069.51 Ha. and it is proposed to provide greenbelt/green cover in an area of 353 Ha. to cover 33 % percentage of land under greenbelt.

4.4.14.2 Number of Saplings to be Planted and Budgetary Estimate of the Green Cover

The proposed plantation is at the rate of 2500 saplings per hectare. As the proposed green cover including greenbelt is 353 Ha. Out of which 318 Ha. land has been covered, thus the balance area 35 Ha. will be covered under plantation and the greenbelt plan for the year 2017-23 is given in **Table No. 4.31.**

Table No. 4.31 Greenbelt Plan for 2017-2023

YEAR	AREA (Ha)	SAPLING NO.	TYPES OF SPECIES	LOCATION
2017-18	20	50000	Acacia, Cassia, Bakain, Rain Tree, Babul, Karanj, Anar, Neem, Mango, Jackfruit, Tamarind, Harida, Bahada, Arjun, Amla, Krushna Chuda, Radhachuda, Kanchan, Jakaranda,	Coal unloading, stacking and handling area, BSNL Tower, Township, Railway Corridor near Kampar village, RMP, Ash Pond & Ash reclamation area
2018-19	20	50000		Avenue Plantation from Kampar to Doraguda Police station, Rod mill , coal staking area & town ship
2019-20	20	50000		Railway corridor (Near Makapadar chowk to Kampar) & Lime handling plant
2020-21	20	50000		Available space near Guard pond and inside the Boundary wall
2021-22	20	50000		Inside the plant boundary wall from R &R colony

2022-23	20	50000	Simaruba, Tamarind, Subabul, Silver oak, Teak, Sisoo, Bamboo, Berry, Custard apple, Chashewnut, Jack fruit, Sisal	Plant outside boundary wall from Dwimundi to Bagrijhola, Red mud pond, Inside the plant boundary wall from Lime handling area to coal stacking and handling area, Bauxite grinding area, Near HFO tank, Guard Pond area, Water reservoir, Red mud pond, Township, water intake
Total	**120**	**300000**		
Note: Till now 318 Ha. of land has been covered under Green Belt. Additional Green Belt will be developed over 35 Ha. as mentioned above so that, the total green belt coverage will be over 353 Ha. which is 33% of the total land for the project. Additional 85 Ha. Is planned to supplement to the loss in density due to continuous tree felling, grazing and damage etc. The project proponent has developed an in-house nursery spread over 5 Acres of land to grow saplings up to 2,00,000 to meet the demand of plantation.				

In addition to the above mentioned plantation inside refinery premises, UAIL should also undertake social forestry in the surrounding areas, as part of afforestation program as described in the above section.

4.5 Traffic Study :

The project site is located in a remote area and hence, there is no much load on the traffic except movement of few vehicles used for transportation of the personnel to and from the plant and movement of local people. The major raw material of alumina refinery i.e. Bauxite is transported from the Baphlimali Captive Bauxite Mines through covered type conveyor known as LDC. The other major raw materials such as coal, lime, caustic, furnace oil etc. are transported through rail; thereby easing the traffic movement on road. Other minor inputs like flocculants, machinery and spares are transported by road. The vehicles are suitably covered to prevent spillage and emission. Dedicated water tankers with sprinkler are provided to suppress the fugitive emission due to road transport, inside the plant. Adequate parking and turning space is provided for incoming and outgoing trucks. By-pass roads are constructed, wherever the approach road to the plant is passing through residential locations. Proper scheduling and regulating of the traffic is practiced.

The main road (from Tikiri to Plant) and all the internal roads are black topped and properly maintaining to prevent the fugitive emission. A well-designed road and railway network is laid for regulated movement of traffic inside and outside the plant.

4.5.1 Impact on Traffic and its Management

Impact on Traffic :

Road traffic to and from the plant during operation of proposed project will be increased. As mode of transport of the materials is via road, traffic density will also be increased as a result of operation of proposed project. The present road conditions are reasonably good for proposed movement of traffic.

The traffic study was conducted to determine the prevailing traffic volumes on major district roads in the vicinity of the proposed project site. It is indispensable to deem these details for assessing the anticipated traffic volumes in the future as a part of overall impacts assessment for the project.

The variations in the traffic density depend upon the working days, time of enumeration i.e. in day and night times. In order to assess the traditional traffic volumes on these roads, the survey was conducted during normal working days of the week by avoiding local holidays or abnormal situations to reflect the accurate picture of the traffic densities. The traffic study was conducted near the project site at Doraguda.

The traffic study was conducted for 24 hours to cover all possible traffic variations and to assess the peak traffic flows. The traffic study includes the enumeration of vehicles as per their categorization, which would abet in assessing the adequacy of the existing roads for future years.

Methodology

Vehicle Count

The vehicles plying on opposite directions were counted separately for 24 hours at all the selected locations from 07:00 hrs to 07:00 hrs next day continuously. Category-wise vehicle counting has been done continuously and recorded in the traffic volume count charts under respective category.

Categorization of Traffic

The engine driven vehicles were categorized into various heads viz. Light Motor Vehicles (cars, jeeps, minibuses), buses (6 wheelers), trucks and tankers (6 and above wheelers), three wheelers (auto rickshaws, tempo etc.), two wheelers (scooters, motor cycles etc.).

Results and Discussion

The direction-wise hourly traffic volumes at each location are presented in **Table No. 4.32 & 4.33.**

Observations

It has been pragmatically viewed that appreciable vehicular movement is observed during the day time and very negligible volumes of traffic during the night times.

Table No. 4.32

Summary of Hourly Traffic Data

TRAFFIC DENSITY AT DORAGUDA JUNCTION - TOWARDS PLANT SITE					
Time	**Cars, Jeeps**	**Buses**	**Truck/Tanker**	**3 Wheelers**	**2 Wheelers**
00.00-01.00	-	-	-	-	2
01.00-02.00	-	-	-	-	-
02.00-03.00	-	-	-	-	-
03.00-04.00	-	-	-	-	-
04.00-05.00	-	-	2	-	8
05.00-06.00	1	1	2	-	5
06.00-07.00	16	2	-	-	18
07.00-08.00	2	2	-	6	14
08.00-09.00	28	2	-	-	35
09.00-10.00	8	-	2	4	18
10.00-11.00	6	2	-	4	4
11.00-12.00	4	-	-	-	-
12.00-13.00	8	-	-	4	16
13.00-14.00	12	2	-	-	21
14.00-15.00	14	-	-	4	19
15.00-16.00	-	-	2	-	8
16.00-17.00	-	-	-	12	-
17.00-18.00	18	2	-	-	2

18.00-19.00	22	-	2	-	-
19.00-20.00	-	-	-	-	-
20.00-21.00	2	2	-	4	-
21.00-22.00	14	-	-	-	22
22.00-23.00	18	-	-	-	38
23.00-00.00	-	-	-	2	-
Total	**173**	**15**	**10**	**40**	**230**

Table No. 4.33

Summary of Hourly Traffic Data

TRAFFIC DENSITY AT DORAGUDA JUNCTION – TOWARDS RAYAGADA					
Time	**Cars, Jeeps**	**Buses**	**Truck/Tanker**	**3 Wheelers**	**2 Wheelers**
00.00-01.00	-	-	-	-	-
01.00-02.00	-	-	-	-	-
02.00-03.00	-	-	-	-	-
03.00-04.00	-	-	-	-	-
04.00-05.00	2	-	-	-	-
05.00-06.00	1	2	3	4	8
06.00-07.00	18	-	-	-	32
07.00-08.00	4	-	-	-	4
08.00-09.00	22	2	-	8	24
09.00-10.00	12	-	4	6	17
10.00-11.00	4	2	-	-	14
11.00-12.00	6	-	-	2	-
12.00-13.00	14	-	-	-	23
13.00-14.00	18	2	4	-	19
14.00-15.00	16	-	-	-	18
15.00-16.00	-	-	-	-	-
16.00-17.00	-	-	-	6	-

17.00-18.00	15	-	-	4	22
18.00-19.00	21	2	-	2	24
19.00-20.00	-	-	2	-	-
20.00-21.00	-	-	-	-	8
21.00-22.00	12	-	-	2	28
22.00-23.00	16	-	-	-	25
23.00-00.00	-	-	-	-	-
Total	**181**	**10**	**13**	**34**	**266**

4.5.2 Traffic Management:

It is envisaged that, there will be marginal increase of vehicular traffic during construction phase due to movement of labour force which is temporary in nature. So far as the operation and post operation phase is concerned; in order to mitigate the impact due to traffic movement the following steps will be taken;

- The present practice of Bauxite transportation will continue through the LDC.
- Transportation of other major raw materials such as coal, lime, caustic, furnace oil etc. will be transported through the same rail network as being practiced for the existing facility.
- The dispatch of Alumina from the plant will be through rail network using BTAP Wagons.
- So far as the project activities are concerned; the road transportation will be used only in emergency situation and for transportation of minor inputs such as flocculants, machinery and spares etc.
- The company will provide to & fro bus services for conveyance of its employees. The management cadre personnel will use carpool system for to & fro conveyance to the plant.
- Sufficient parking space will be provided for the vehicles.
- It will be ensured that, all the vehicles entering the plant should have Pollution Under Control Certificate and Bharat Stage – IV compliant. The periodic maintenance of the vehicles will be carried out to be ensure compliant with Bharat Stage – IV & PUC.
- The existing road network is sufficient to handle the traffic load.

4.6 Existing Occupational Health & Safety Hazards

During operation phase, dust causes the main health hazard. Other health hazards are due to gas cutting, welding, high noise and high temperature and micro ambient conditions especially at furnace operating floor, near the furnace doors and platforms, handling of hot caustic liquor and hot Alumina powder etc. which may lead to adverse effects (Heat cramps, heat exhaustion and heat stress reaction) leading to local and systemic disorders. Injuries in industries are

usually of minor nature like bruise, cuts, and abrasions because of manual handling. However, serious accidents due to common causes like fall from height and entrapment of limbs in machinery are also possible.

- Adequate arrangements are made for preventing the generation of dust by modifying the chutes at transfer points by reducing the falling height of material, preventing spillage of material by maintaining the handling equipment, isolating the high dust generating areas by enclosing them in appropriate housing and appropriately dedusting through high efficiency bag filters.
- Due care is taken to maintain continuous water supply in the water spraying system and all efforts would be made to suppress the dust generated by coal handling system by water spraying at appropriate points.
- Almost all material handling systems are automatic i.e. unmanned. The workers engaged in material handling system are provided with personal protective equipment like dust masks, respirators, helmets, face shields, etc.
- All workers engaged in material handling system are regularly examined for lung diseases.
- Personnel working in Noise Prone areas such as Turbine House, DG Area, Compressor House, Rod Mill area, etc. are provided with earmuff/earplug.
- Any worker found to develop symptoms of dust related diseases is changed over to other jobs in cleaner areas.
- Inspection and maintenance of pollution control systems is undertaken only after checking that the equipment has been properly shut down or with permission of authorized officer.
- Lifting machines/lifting tools and tackles are periodically checked for testing their allowable working load and also any mechanical defects.
- The pressure vessels are checked annually to verify the working pressure of the vessels.
- Immediate removal of waste accumulated in working areas.
- Insulation of hot surfaces.
- All safety measures will be strictly implemented. Firefighting equipment will be tested regularly to ensure their full serviceability. Contingency plans drawn up to deal with accidents will be rehearsed by all personnel.
- Training of employees for use of safety appliances and first aid.
- Regular medical checkup of personnel is being carried out.

Occupational Health:

The modern Industrial processes present many hazards to the health of the Employees. It is an established fact that there are no occupation which do not have any hazards.

It is also true that there is no effective ways of cure available for many of the occupationally related diseases. But there is a better part also i.e. there is no occupational disease which cannot be prevented. Preventive management is therefore is the key to the success in occupational health program in Industries. Acute hazards are easily recognized by us if the time lag between the cause and the effect is short. But the chronic health hazards are more difficult

to recognize because of the long interval between the beginning of exposure to the polluting atmosphere and the occurrence of a disease. Even the symptoms and signs of such diseases of occupational origin most of the times are similar to other common diseases of nonoccupational origin. A probability of occupational exposure, as cause of the disease therefore is frequently missed not only by the management, the workmen but also by the attending physician, if they are not familiar with the issues.

- Occupational Health is the promotion and maintenance of the highest degree of physical, mental and social well-being of workers in all occupations.
- There is no internationally accepted definition for the term of Occupational Diseases. However, Occupational Diseases are usually defined as diseases arising out of or in the course of employment.
- Occupational Environment is the sum of external conditions and influence which prevails at the place of work and which have some direct and or indirect effects on the health of working population. Basically, there are three types of interaction in a working environment.

(a) Man and Physical, Chemical & Biological Agents.
(b) Man and Machine.
(c) Man and Man.

An industrial worker may be exposed to five types of hazards, depending upon his occupation:

(1) Physical Hazards.
(2) Chemical Hazards.
(3) Biological Hazards.
(4) Mechanical Hazards.
(5) Psychosocial Hazards.

Occupational Disease and Prevention Thereof:

As mentioned above, occupational disease can result due to the interaction of workmen with the physical, chemical and biological agents prevailing in the environment at a hazardous level.

The ambient air quality standard issued by MoEF specifies the limits of various pollutants like SO_2, NO_X, PM_{10}, $PM_{2.5}$, Carbon Monoxide, and Mercury. The drinking water standard also specifies various limits for water pollutants. The diseases that are likely to be caused due to long term exposure (inhalation/ingestion) for higher levels of pollution are mentioned below.

Table No. 4.34 Diseases related to Long-term Exposure to Pollutants

Sl. No.	Pollutant	Diseases	Prevention
1.	Particulate Matter (PM_{10}, $PM_{2.5}$)	Respiratory Diseases like Asthma, Tuberculosis	The pollutants must be kept below the limits specified by MoEF.
2.	SO_2	-do-	-do-

3.	NO_X	-do-	-do-
4.	Carbon Monoxide	Lungs related diseases	-do-
5.	Mercury	Neurological Diseases	-do-

In the principle of "prevention is better than cure" adequate provision of suitable pollution control devices are incorporated in the process systems to limit the various pollutants within the specified standards.

The raw materials will be processed under environmental friendly conditions. As such emissions in the form of particulate matter to atmosphere will be within the limit. The analysis of raw materials do not indicate presence of any trace elements which will cause occupational disease. The possibility of disease being caused due to polluted water is ruled out as the waste water generated will be recycled/reused in the process fully.

4.6.1 Exposure Specific Health Status Evaluation

As mentioned above, occupational disease can result due to the interaction of workmen with the physical, chemical and biological agents prevailing in the environment at a hazardous level. The ambient air quality standard issued by MoEF specifies the limits of various pollutants like SO_2, NO_X, PM_{10}, $PM_{2.5}$, Ozone, Lead Carbon Monoxide, Ammonia, Benzene, Benzo(a)Pyrene (BaP), Arsenic and Nickel. The drinking water standard also specifies various limits for water pollutants. The diseases that are likely to be caused due to long term exposure (inhalation/ingestion) for higher levels of pollution are mentioned below.

Table No. 4.35 Diseases related to Long-term Exposure to Pollutants

Sl. No.	Pollutant	Diseases	Prevention
(1)	Particulate Matter	Respiratory Diseases like Asthma, Tuberculosis	The pollutants must be kept below the limits specified by MoEF.
(2)	SO_2	-do-	-do-
(3)	NO_X	-do-	-do-
	Ozone	-do-	-do-
	Lead	Cancer and Lungs related diseases	-do-
(4)	Carbon Monoxide	Lungs related diseases	-do-
(5)	Ammonia	Affects mucus membrane	-do-
(6)	Benzene	Cancer	-do-
(7)	Benzo(a)Pyrene (BaP)	Cancer	-do-
(8)	Arsenic	Arsenicosis	-do-
(9)	Nickel	Skin Allergy, fibrosis of Lungs &related diseases	-do-
(10)	Mercury	Neurological Diseases	-do-

Preventive Measures for Occupational Hazards:

- In the principle of "prevention is better than cure" adequate provision of suitable pollution control devices are incorporated in the process system to limit the various pollutants within the specified standards.
- The raw materials will be processed under environmental friendly conditions. As such emissions in the form of particulate matter to atmosphere will be within the limit specified by CPCB.
- Suitable dust suppression measures have been adopted for prevention and control of dust emission from the raw material handling areas.
- The workmen in the dust prone areas will be provided with respiratory masks. Hence, there will not be any significant disease causing effect due to emissions.
- The possibility of disease being caused due to polluted water is ruled out as the waste water generated will be recycled/ reused in the process fully.
- Workmen in the DM water plant handling acids, alkalis, resins will use suitable personal protective equipment like hand gloves, goggles, face masks, aprons etc. for safe handling of chemicals.

Musculo-skeletal disorders (MSD):

Work-related musculoskeletal disorders (MSDs) are a group of painful disorders of muscles, tendons, joints and nerves. All parts of the body can be affected, although upper limb and back are the most common areas. MSDs arise from movements such as bending, straightening, gripping, holding, twisting, clenching, squatting, kneeling and reaching. These common movements are not particularly harmful in the ordinary activities of daily life. What makes them hazardous in work situations is the continued repetition, often in a forceful manner, and most of all, the speed of the movements and the lack of time for recovery between them. Heat, cold and vibration also contribute to the development of MSDs.

The World Health Organization has defined a work-related disorder as one that results from a number of factors, and where the work environment and the performance of the work contribute significantly, but in varying magnitude, to the causation of the disease. The term musculoskeletal disorder denotes health problems of the locomotors apparatus, i.e. muscles, tendons, the skeleton, cartilage, the vascular system, ligaments and nerves.

So, work-related musculoskeletal (MSDs) disorders include all musculoskeletal disorders that are induced or aggravated by work and the circumstances of its performance. MSDs cover a wide range of inflammatory and degenerative diseases of the locomotors system. They include:

- Inflammations of tendons (tendinitis and tenosynovitis), especially in the forearm wrist, elbow and shoulder, evident in occupations involving prolonged periods of repetitive and static work.
- Myalgia, i.e. pain and functional impairments of muscles, occurring predominantly in the shoulder-neck region, that occur in occupations with large static work demands.
- Compression of nerves – entrapment syndromes – occurring especially in the wrist and forearm.

- Degenerative disorders occurring in the spine, usually in the neck or lower back, especially in those performing manual handling or heavy physical work.

However, they may also occur in the hip or knee joints. These disorders are chronic, and symptoms usually occur only after exposure to work related risk factors for a period of time.

MSDs vary significantly among different occupational groups being highest among crafts and related trade workers, plant and machine operators and assemblers. The reason for attracting MSDS can be due to the following;

- Repetitive work
- Painful/ tiring positions.
- Carrying/moving heavy loads.
- Vibrations
- Working with PC
- Defective standing or walking.

Proposed steps to be taken to avoid Musculo-Skeletal Disorders;

- Workers in the machine shop, plant operation who are exposed to do repetitive jobs should be explained about the ergonomic problems arising out of their job performance and accordingly should take rest at intervals and not stress particular muscle or ligament.
- Workers who are required to perform their job in painful/tiring positions should also take rest and not strain themselves.
- Workers working with the PCs should be trained about proper sitting positions and should not strain their eyes by continuously looking at the screen of the computer.
- Workers working in the areas of high vibration and noise should be rotated routinely so as not to exposed them continuously to abnormal work situations.

Workers who are engaged in lifting loads or rigging jobs will follow the following tips;

- The workers lifting weights or doing a rigging jobs will be trained about proper posture of lifting so that the stress experienced at the waist does not cause back pain.
- They should inspect the object and estimate its weight before lifting. If the weight is heavy take help of more persons or use mechanical aids.
- They should always lift the load in safe posture. Stand close to the object, keep feet apart, bend the legs all the knee and take the crouching position keeping the back straight.
- They should grip the load firmly with the palm and roots of fingers and not by tips of fingers. Use leg muscles to lift the object.
- They should provide support/wedges to prevent rolling or topping of the load.
- They should for carrying long and heavy pipes on the shoulder all persons involved must carry the load or same shoulder and walk in steps. Use shoulder pads.

4.6.2 Annual Report of Occupational Health & Safety

Notwithstanding the above, pre-employment health checkup and systematic periodic health checkup of the workers working in various shop floors like material handling section, furnace floor, high noise areas like the Rod Mill, compressors, Turbine floor etc. will be done by in house /hired physicians for recording the health details of workers w.r.t the suspected diseases. The provisions in Section 41-C of Factories Act 1948 which mentions the specific responsibility of the occupier in relation to hazardous process will be adhered to. A sample health checkup format which includes the health checkup parameters like Chest X-ray, Audiometry, Spirometry, Vision Testing, ECG etc. is given below.

The health checkup of the workers of the plant is being carried out periodically.

Fund allocated:

An amount of Rs. 100 lakhs have been allocated to meet the expenditure towards Health check-up & other medical expenses.

The checklist for Pre-Employment/Periodical Medical Examination is presented at Table No. 4.36 in accordance with Form – 31-A as prescribed under Rule 62-J of Orissa Factories Rules, 1950 and under section 41 C of the Factories Act, 1948.

Table No. 4.36

CHECKLIST FOR MEDICAL SURVEILLANCE OF UTKAL ALUMINA INTERNATIONAL LTD.

FORM - 31 - A

[Prescribed under Rule 62 (2) of Odisha factory rules, 1950]

PRE - EMPLOYMENT / PERIODICAL MEDICAL EXAMINATION

OCCUPATIONAL HEALTH CENTRE, UAIL, Doraguda, Dist: Rayagada, Odisha.

Document No -	Emp No -	Date -
Name in full (in Block Letters) -		
Father / Husband's Name -		
Age/ Sex :	DOB -	
Permanent Address:		Length of Service - In UAIL (Date of Joining) - / Total -
Working Depart-	Nature of Job -	
Identification Mark: 1 -	2 -	

Report of Medical Examinning Authority (PEME / PME)

A General Examinations:

1 Built- Average / Strong / Poor
2 Height- Cm.
3 Weight- kg
4 BMI -
5 Mouth - Throat- Tonsils- Teeth & Gums-
6 Neck - Lymph Nodes - Thyroid -
7 Pupils - Normal (NCRL) / Abnormal
8 Additional Findings-

B Eye Examinations & Visions : Normal / Abnormal

1 Use of Glasses - Yes / No
2 Power of Glasses / Contact Lens: Rt- Lft-
3

		Right -	Left-
Distant Vision:	Glasses / Without Glasses		
Near Vision:	Glasses / Without Glasses		

4 Night Blindness (Nyctalopia) - Yes / No
5 Squint / Nystagamus - Yes / No
6 Colour Vision - Normal / Defective

C Examination of Ear, Nose & Throat- Normal / abnormal

D Respiratory System:

1 Chest measurement - Inspiration- Cm. / Expiration- Cm.
2 Shape - Normal / Deformed
3 Trachea- Central / Deviated
4 Both Lungs - Clear / not Clear
5 Breath Sound - Normal / abnormal
6 Respi Rate - / min N. Regular / abnormal
7 Additional Findings-

E Cardio-Vascular System-

1 Pulse Rate- / mmHg Regular / Irregular
2 B.P - mmHg
3 Heart Sound S1 & S2 normal & regular / Irregular
4 Any Murmur - Yes / No
5 Peripheral Pulse- Felt / Not Felt
6 Position of Heart- Normal / Not
7 ECG -

F Gastro-Intestinal System -

1 Abdomen tenderness - Yes / No
2 Any Abdominal Lump - Yes / No
3 Liver - Palpable / Not Palpable
4 Spleen Palpable / Not Palpable

G Nervous System -

1 History of Fits- Yes / No
2 Epilepsy- Yes / No
3 Superficial & Deep Reflexes - Present / Not
4 Gait - Normal / Abnormal
5 Remarks on Mental Health - Good / Not

H Loco motor Systems - Normal / Abnormal

I Skin Condition- 1 Normal / Abnormal 2 Remarks on any skin disease noticed -
3 Scabies ------ /Boiles- --- /Others Like Active Leprosy -------/Chro or Inveterate Skin Conditions ----

J Genito urinary system: Married / Unmarried

Male candidates:	1	Hernia-	Present / Absent	4	Varicocele-	Cryptorchidism-	
	2	Hydrocele	Present / Absent	5	Varicose veins-	Phimosis-	
	3	Testies -	Normal / Undescended	6	Additional Findings-		

Female Candidates:

1	Menarcy	yrs / Menopause - yes (-------- yrs) / no	4	Breast Exami -	
2	LMP -	Regular / Irregular	5	Pregnancy - Yes (Duration - months) / No	
3	Obstr History - G P (M- F-) A SB		6	Pelvic Exam (Married only) - Done / Not Done	
	Last Child Age - / yrs	Family Plannings - Yes / No	7	Local exami / PV / PS -	

K Present complaint, if any -

L Other Investigations:

1 X-Ray (chest) -

2 Pulmonary Function Test (Spirometry) -

	FVC	FEV1	FEV1 / FVC	REMARKS
Predicted				
Measured				
% Predicted				

3 Audiometer-

	500	1000	1500	2000	3000	4000	6000	8000
Right Ear								
Left Ear								

Remarks- PTA of both ears at frequency 500,1K,2K,4K cycles per seconds is - RT- LF-

M Lab Investigations - LAB NO :

1	Blood Grouping & Rh Typing -		7	Lipid Profile-	Total Cholestrol- mg/dl	LDL- mg/dl
2	Blood Sugar-	Fasting - mg/dl			Triglyseride - mg/dl	VLDL- mg/dl
		Post Parendial - mg/dl			HDL- mg/dl	
3	Urine exami - Routine & Micro -	Albumin- Sugar-	8	RFT (Renal Function Test)	Bl Urea - mg/dl	
		Pus cell / RBC / Cast -crestal /bacteria -			Sr Creatinine - mg/dl	
4	Hb -	Clinicaly - Pallor / No Pallor	9	LFT (Liver Function Test)	Total Bilirubin - mg/dl	SGOT - mg/dl
5	TLC-	DLC- N- L- E- B- M-			Direct Bilirubin - mg/dl	SGPT - mg/dl
6	Sr. Uric acid -	mg/dl			Indirect -	Alkaline Phospotase -

N Summary of Findings: 1. Heart Disease 2. HT - 3 Diabetes 4 T.B. 5 Epilepsy 6 Poisoning 7. Asthama 8. Others -

O Advice / Remarks -

P Certified that Shri/ Smt./ Km _____ candidate selected for the post of _____ whose signature / thumb impression is appended below is MEDICALLY FIT / UNFIT / TEMPORARILY UNFIT.

Sign / Thumb of candidate
Date -

Seal & signature of Occupational Specialist
Date -

- **Health Facilities**

As far as Health care facilities are concerned, 4 Govt. run PHCs are available in nearby villages at Tikiri, Kucheipadar, Dongasil & Gorakhpur including our Medical centre run by the company at Nuapada. At our Medical centre, in Nuapada daily on an average more than 225 patients get

free health care facilities. In addition to the above, there is a Govt. run CHC at Kashipur. Hence the Health care facilities available around the project area is

- **Health Issues**

The existing medical infrastructure in the project site is moderate. UTKAL is improving some of the facilities in local medical centres as part of its developmental activities. Project authorities have been organizing free health check-up camps and eye camps every year. Through these camps medicine are distributed freely. Care also been taken treatment of common ailments through the health workers, which are trained by UTKAL.

Hence, the impact of UTKAL on the locally available health infrastructure will be beneficial.

Occupational Health Check-up:

In addition to the pre-employment periodic health check-up with special attention with occupational health will be carried out as per the periodically sheet mention below:

Table No. 4.37 Periodically of Occupational Health Check-up

Age Limit	Frequency of Health Check-up
Below 31 years	Once a year
31-40 years	Once a year
41-50 years	Once a year
Above 50 years	Once a year

The health check-up will be conducted as per pre-design format.

4.6.3 OHS Mitigation Measures Planned for Future :

The following mitigation measures will be taken up for management of risk and associated occupational health aspects.

- Sites for construction and workers' camp would be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water & electricity supply, sanitary facilities, restroom, fuel etc. The above facilities will also be provided to workers & truck drivers during operational phase.
- Where gases or fumes are likely to be present in foundations, sufficient mechanical/artificial ventilation to protect the health and safety of persons working there, shall be provided. If necessary, the personnel working there shall be provided with respiratory protective equipment when work in such unhealthy conditions is to be carried out.
- Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase would be stored properly as per the safety regulations at isolated places.

- Accidental spillages of oil from construction equipment and storage sites would be prevented.
- It would be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emissions as well as noise generation.

The anticipated occupational health hazards and mitigation measures are as follows:

Table No. 4.38
Anticipated Occupational Health Hazards and Mitigation Measures

Sl. No.	Anticipated Occupational Health Hazards	Mitigation Measures
1.	Lungs related disease due to exposure to fugitive dust in the work zone.	Provision of dust control measures (dust suppression and extraction system) to control the fugitive dust within the limit in the work zone. Provision of PPE like masks, respirators etc.
2.	Injury due to contact with caustic, other hazardous chemicals and hazardous wastes.	Provision of Chemical resistant apron, Gloves & Shoes along with Helmet for the personnel working in the Plant. Awareness training on handling of Caustic, other hazard chemical and hazardous wastes will be conducted regularly.
3.	Burn injury due to exposure to steam.	Provision of heat resistant, gloves & clothing along with safety helmet, safety shoes & goggles for the people working in the steam line area.
4.	Heat stress.	Provision of heat resistant apron in the hot area. Job rotation will be practice for people in these areas.
5.	Effect on hearing due to continuous exposure to high noise level	Provision of acoustic enclosure at the noise generating units such as Compressor House, DG, TG Room etc. and provision of Ear Muff/Ear Plug for the personnel working in these areas. Job rotation will be done in these areas to avoid continuous exposures.
6.	Musculo-skeletal disorders due to wrong posture.	Ensuring ergonomic design of equipment and work places along with importing training on practice of ergonomics. Using mechanized tools.

4.7 Energy Conservation Measures and use of Renewable Energy:

Variable Frequency Drive:

Power plant up-gradation for better environmental performance and boiler efficiency, Energy and resource conservation are the two building blocks for sustainable development. Many innovative projects have been taken in order to improve the energy efficiency and environmental performance of Co-generation Power Plant. Energy Audit of the plant has been carried out regularly which includes plant visit, basic data collection, measurement of major electrical & thermal energy parameters, analysis of data collected, discussions and identification of specific energy saving proposals.

The methodology adopted for conducting the detailed energy audit at Utkal Alumina International Limited, Tikiri was as follows:

- Basic data collection on list of power consuming equipment, design specifications of the major equipment and actual operating parameters
- Power measurements of major electrical energy consumers
- Measurement of operating parameters of various equipment to estimate their operating efficiency
- Analysis of data collected and measurements, to develop specific energy saving proposals
- Discussion with the plant personnel on the identified proposals
- Power point presentation on the findings of the detailed energy audit to the plant personnel, with the cost economic analysis.
- Energy policy has been adopted.
- An on-line energy monitoring system shall be installed.
- Air cooling system is being implemented.
- The workshop building is pre-engineered to enable it to be built using minimum material and energy. Adequate transparent sheets are used to allow sufficient sunlight during day time.
- A Distribution Control System (DCS) shall be developed. This system can be progressively commissioned and its performance streamlined to achieve high plant productivity and low energy demand thus realizing the lowest specific energy consumption in all unit operations.

Renewable Energy:

- Installation of solar energy units at street light in plant premises, residential areas, canteen, etc. has been proposed.

- Action is being taken for conversion of all HFL lighting system to LED lighting system.

Figure No. 4.11
Energy and Carbon Policy

ADITYA BIRLA
HINDALCO

HINDALCO MANAGEMENT FRAMEWORK
excellence by design

ENERGY AND CARBON POLICY

We, at Hindalco Industries Limited, operating across the process chain from mining to semi-fabricated products in non-ferrous metals, understand that energy consumption and carbon emission are two most important issues that currently concern the country and the planet. We shall take responsible actions within the company and work with our stakeholders for prudent and efficient use of energy sources to achieve continual improvement in our energy and carbon performance.

To achieve this, we shall :

- Meet legal compliance for energy and carbon regulations across all our operating units.
- Raise awareness on the responsible use of energy resources at all levels of our operations and encourage efficient utilisation of such resources with focus on reducing the energy intensity of our operations.
- Allocate sufficient resources such as organisational structure, technology and finance for implementation of the policy and for regular monitoring of performance.
- Explore and utilise renewable energy, waste heat and clean fuel wherever techno-economically feasible across our operations.
- Adopt economically viable new/efficient clean technologies and best practices for improving energy efficiency and for emitting less carbon.
- Continually improve energy performance and carbon management in our units by adopting nationally/internationally accepted management systems, including setting and reviewing targets and monitoring, measuring and reporting their progress.
- Work in partnership with regulatory services authorities, relevant suppliers, contractors and all stakeholders, as applicable, to understand and initiate improvement projects.
- Measure, monitor and report direct and indirect energy usage and carbon emission in accordance with internationally recognised protocols and set up systems for comparison and benchmarking across our units and operations.

This policy shall be made available to all employees, suppliers, customers, community and other stakeholders, as appropriate.

Satish Pai

Satish Pai
Managing Director

19th November 2016

HINDALCO INDUSTRIES LIMITED

CHAPTER – 5

ANALYSIS OF ALTERNATIVES

[Scoping doesn't require "Analysis of Alternatives"]

CHAPTER - 6

ENVIRONMENTAL MONITORING PROGRAM (TECHNICAL ASPECTS)

6.0 ENVIRONMENTAL MONITORING PROGRAM (TECHNICAL ASPECTS):

6.1 Technical Aspect for Monitoring Effectiveness of Mitigation Measures:

It is necessary to develop and establish an Environmental Monitoring System (EMS) for the proposed project. Regular monitoring in a systematic and standardized manner helps in assessment of current environment and provides information on operational performance of installed pollution control facilities besides forecasting for taking management decisions.

Environmental Monitoring is also required to obtain baseline information about environmental quality before operations begin, and to examine periodically the impact of the operation on water quality (surface and groundwater), native species, chemical contamination of soils and human health.

The monitoring system measures the key performance parameters of the pollution measures control on an ongoing basis. Monitoring must be done according to a protocol with mention of Parameters, Frequency, Schedule, Standard Sampling and Analytical procedures. Monitoring should be carried out by trained personnel with requisite qualification and relevant experience.

The effectiveness of monitoring program depends mainly on how best the objective of the monitoring is addressed through its core elements, viz.

- Parameters to be monitored.
- Monitoring Network.
- Frequency of monitoring.
- Schedule of monitoring.
- Method of Sampling and Analysis.
- Adequate nos. of Manpower with requisite qualification and relevant experience.
- Equipment Requirement for sampling and analysis.

A large part of the regular sampling and measurement activity will be concerned with long term monitoring aimed at providing an early warning of any undesirable changes or trends in the natural environment that could be associated with the proposed plant facilities.
Internal environmental audits will be carried out on quarterly basis to check for compliance with standards. Third party environmental audits will be carried out once in every year.

6.2 Environmental Monitoring Program:

Monitoring of different Environmental Parameters will be done regularly as per the schedule and the activity will be coordinated by the Environmental Management Cell (EMC) as being done for the existing project.

The existing meteorological stations will be utilized to monitor Wind Speed, Wind Direction, Temperature and Relative Humidity on continuous basis.

Protocol for Ambient Air Quality Mentoring:

In order to check the effectiveness of mitigation measures ; it is proposed to carry out monitoring of ambient air quality twice a week at the following locations during post expansion with respect to PM_{10}, $PM_{2.5}$, SO_2, NOx & CO.

Table No. 6.1 Ambient Air Quality Monitoring Locations with Details

Sl. No.	AAQM Locations	Zone
Manual Stations		
1	A.D. Building	Core Zone
2	Bagrijhola Boundary Gate	Core Zone
3	Near BSNL Tower	Core Zone
4	Doraguda [1.25 km, NE]	Buffer Zone
5	Dimundi [1.5 km, ESE]	Buffer Zone
6	Nuapada [1.5 km, SE]	Buffer Zone

In addition to the above manual monitoring stations; the existing Continuous Ambient Air Quality Monitoring Stations (CAAQMS) will continue to record the level of pollutants (PM_{10}, $PM_{2.5}$, SO_2, NOx & CO) on continuous basis.

- **Fugitive Dust Emissions:**

It is proposed to monitor the Fugitive Dust Emissions on monthly basis at the following location. **Table No. 6.2**

Fugitive Dust Emissions Monitoring Locations

Sl. No.	Fugitive Dust Emissions Locations
1	Bauxite Stack
2	Secondary Crusher House
3	Wagon Tippler
4	Coal Handling Plant
5	Fly Ash Handling Area
6	Near ESP Hopper & Ash Silo
7	Fly Ash Pond Area
8	Red Mud Pond Area

- **Stack Monitoring:**

The monitoring of stacks attached to Calciners and boilers of co-generation power plant will be carried out fortnightly w.r.t. PM, SO_2, NOx & Hg.

Table No. 6.3 Stack Monitoring Locations

Stack Details	Attached to
Manual Stations	

Calciner Stack-1	Existing Calciner
Calciner Stack -2	Existing Calciner
Calciner Stack -3	Proposed Calciner
Calciner Stack -4	Proposed Calciner
Co-Generation Power Plant unit-1(Existing)	Existing CPP
Co-Generation Power Plant unit-2(Existing)	Existing CPP
Co-Generation Power Plant unit-3(Existing)	Existing CPP
Co-Generation Power Plant unit-4	Proposed CPP
Co-Generation Power Plant unit-5	Proposed CPP

Continuous Emission Monitoring Systems will be put in place for the proposed stacks similar to that being done for the existing stack w.r.t. particulate matter, So_2, NO_x for continuous monitoring and data capturing and transmission to the statutory authorities like the CPCB & the OSPCB.

Ambient Noise Level:

It is proposed to monitor the Ambient Noise Level on monthly basis at the following locations as given in **Table No. 6.4.**

Table No. 6.4 Details of Noise Monitoring Locations

Sl. No.	Noise Location	Zone
1	CPP Area	Industrial
2	Raw Material Area	Industrial
3	Near Traffic Center	Industrial
4	Refinery Area	Industrial
5	P.S.Doraguda	Residential
6	Nuapada	Residential
7	Doraguda	Residential
8	Township	Residential
9	Lachuguda	Residential
10	Kucheipadar	Rural/Residential
11	D.Karal	Rural/Residential
12	Dimundi	Rural/Residential

Surface Water Quality:

It is proposed to monitor the Surface Water Quality on seasonal basis at the following locations as given in **Table No. 6.5.**

Table No. 6.5 Surface Water Monitoring Locations

Sl. No.	SW Location	Zone
1	Nuapada Nala upstream	Buffer Zone
2	Bada Nadi upstream	Buffer Zone
3	Nuapada Nala downstream	Buffer Zone
4	Bada Nadi Int. downstream	Buffer Zone
5	Dimundi Nala upstream	Buffer Zone
6	Dimundi Nala downstream	Buffer Zone
7	Bagrijhola Nala upstream	Buffer Zone
8	Final downstream point on Bada Nadi	Buffer Zone
9	Red Mud Pond downstream	Buffer Zone
10	Ash Pond downstream	Buffer Zone

The following parameters will be monitored for the Surface Water.

Table No. 6.6 Surface Water Monitoring Parameters with details

Sl. No.	Parameters	Test Method	Max. Tolerance Limit as per IS:2296 (1982) (Class-C)
1.	Colour, Hazen Units	IS : 3025(Part-4)	300
2.	Odour	IS : 3025(Part -6)	**Un objectionable**
3.	Taste	IS : 3025(Part -7)	Agreeable
4.	Turbidity, NTU	IS: 3025(Part -10)	--
5.	pH	IS: 3025(Part -11)	6.5 – 8.5
6.	Total Hardness (as$CaCO_3$),mg/l	IS : 3025(Part- 21)	--
7.	Iron (as Fe),mg/l	IS : 3025(Part -53)	50
8.	Chloride (as Cl),mg/l	IS : 3025(Part-32)	600
9.	Residual Chlorine, mg/l	IS : 3025(Part- 26)	--

10.	Fluoride (as F) mg/l	IS : 3025(Part-60)	1.5
11.	Dissolved Solids, mg/l	IS : 3025(Part-17)	1500
12.	Calcium (as Ca),mg/l	IS : 3025(Part-40)	--
13.	Magnesium (as Mg),mg/l	APHA-22nd Edition	--
14.	Copper (as Cu),mg/l	IS : 3025(Part-42)	1.5
15.	Manganese (as Mn),mg/l	IS : 3025(Part 59)	--
16.	Sulphates (as SO_4),mg/l	IS : 3025(part-24)	400
17.	Nitrate (as NO_3),mg/l	IS 3025(Part -34)	50
18.	Phenolic compounds (as C_6,H_5OH),mg/l	IS : 3025(Part -43)	0.005
19.	Mercury, (as Hg),mg/l	IS : 3025(Part 48)	--
20.	Cadmium (as Cd),mg/l	IS:3025(Part- 41)	0.01
21.	Selenium (as Se), mg/l	APHA 22nd Edition	0.05
22.	Arsenic (as As), mg/l	IS : 3025(Part -37)	0.2
23.	Cyanide (as CN) mg/l	IS : 3025(Part -27)	--
24.	Lead (as Pb), mg/l	IS:3025(Part -47)	0.1
25.	Zinc (as Zn),mg/l	IS : 3025(Part-49)	15
26.	Anionic Detergents (as MBAS),mg/l	As per CPCB Guideline	1
27.	Hexavalent Chromium (as Cr^{+6}),mg/l	IS : 3025(Part -52)	0.05
28.	Mineral Oil, mg/l	IS : 3025(Part- 39)	0.1
29.	Alkalinity(as $CaCO_3$),mg/l	IS : 3025(Part-23)	--
30.	Aluminium (as Al), mg/l	IS : 3025(Part-55)	--
31.	Boron (as B), mg/l	APHA 22nd Edition	--
32.	Dissolved Oxygen, mg/l	IS : 3025(Part- 38)	4
33.	BOD(3 days at 27ºC), mg/l	IS : 3025(Part- 44)	--
34.	Total coli form organisms, MPN/100 ml	As per CPCB Guideline	5000+
35.	Sodium Absorption Ratio	As per CPCB Guideline	-

Ground Water Quality:

It is proposed to monitor the Ground Water Quality on seasonal basis at the following locations as given in **Table No. 6.7.**

Table No. 6.7
Ground Water Monitoring Locations

Sl. No.	GW Location	Zone
1	Kucheipadar	Buffer Zone
2	Dimundi	Buffer Zone
3	Bagrijhola	Buffer Zone
4	Lachuguda	Buffer Zone
5	D. Karal	Buffer Zone
6	Nuapada	Buffer Zone
7	Doraguda	Buffer Zone

The following parameters will be monitored for the Ground Water.

Table No. 6.8
Ground Water Monitoring Parameters with details

Sl.No.	Parameters	Test Method	Permissible Limit as per IS 10500:2012
1.	Colour	IS : 3025(Part 4)	15
2.	Odour	IS : 3025(Part 6)	Agreeable
3.	Taste	IS : 3025(Part 7)	Agreeable
4.	Turbidity, NTU	IS : 3025(Part 10)	5
5.	pH	IS : 3025(Part 11)	6.5-8.5
6.	Total Hardness (as $CaCO_3$),	IS : 3025(Part 21)	600
7.	Iron (as Fe),	IS : 3025(Part 53)	No relaxation
8.	Chloride (as Cl),	IS : 3025(Part 32)	1000
9.	Residual Chlorine,	IS : 3025(Part 26)	1
10.	Fluoride (as F)	IS : 3025(Part 60)	1.6
11.	Dissolved Solids,	IS : 3025(Part 17)	2000
12.	Calcium (as Ca),	IS : 3025(Part 40)	200
13.	Magnesium (as Mg),	APHA-22nd Edition, 2012,3500-B	100
14.	Copper (as Cu),	IS : 3025(Part 42)	1.5
15.	Manganese (as Mn),	IS : 3025(Part 59)	0.3

16.	Sulphate (as SO_4),	IS : 3025(Part 24)	400
17.	Nitrate (as NO_3),	IS : 3025(Part 34)	No relaxation
18.	Phenolic compounds (as))C_6,H_5OH),	IS : 3025(Part 43)	0.002
19.	Mercury, (as Hg),	IS : 3025(Part 48)	No relaxation
20.	Cadmium (as Cd),	IS : 3025(Part 41)	No relaxation
21.	Selenium (as Se),	APHA 22ND Edition	No relaxation
22.	Arsenic (as As),	IS : 3025(Part 37)	0.05
23.	Cyanide (as CN)	IS : 3025(Part 27)	No relaxation
24.	Lead (as Pb),	IS 3025 (Part 47)	No relaxation
25.	Zinc (as Zn),	IS : 3025(Part 49)	15
26.	Hexavalent Chromium (as Cr^{+6}),	IS : 3025(Part 52)	--
27.	Mineral Oil,	IS : 3025(Part 39)	No relaxation
28.	Alkalinity(as $CaCO_3$),	IS : 3025(Part 23)	600
29.	Aluminium (as Al),	IS : 3025(Part 55)	0.2
30.	Boron (as B),	APHA 22nd Edition	1.0

Soil Quality:

It is proposed to monitor the Soil Quality on seasonal basis at the following locations as given in **Table No. 6.9.**

Table No. 6.9 Soil Quality Monitoring Locations

Sl. No.	Soil Location	Zone
1	Near Northern boundary	Core Zone
2	Near Southern boundary	Core Zone
3	Near Eastern boundary	Core Zone
4	Near Western Boundary	Core Zone
5	Near Northern West Corner	Core Zone
6	Near South West Corner	Core Zone
7	Near North East Corner	Core Zone
8	Near South East Corner	Core Zone

The following parameters will be monitored for the Soil Quality.

Table No. 6.10 Soil Quality Monitoring Parameters

Sr. No.	Parameter	Analysis Method
1	Texture (% Sand, % Silt, % Clay)	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edt., 1986 (ASA, SSSA)
2	pH (40% aqueous Solution, soilwater extract)	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
3	Electrical Conductivity (µmhos/cm) (40% aq. Solution, soil-water extract)	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
4	Bulk Density, gm/cc	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edt., 1986 (ASA, SSSA)
5	Porosity (%)	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edt., 1986 (ASA, SSSA)
6	Total Organic Carbon (%)	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
7	Water holding capacity (%)	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edt., 1986 (ASA, SSSA)
8	Loss on Ignition, %	IS:2720 & Methods of Soil Analysis, Part-I, 2nd edt., 1986 (ASA, SSSA)
9	Available Nitrogen as N	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
10	Available Phosphorus as P	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
11	Available Potassium as K	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
12	Cation Exchange capacity	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
13	Sodium absorption ratio	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
14	Exchangeable Magnesium as Mg, mg/kg	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)
15	Chloride as Cl , mg/kg	Methods of Soil Analysis, Part-2, 2nd edt., 1982 (ASA, SSSA)

Note: ASA – American Society for Agronomy SSSA - Soil Science Society of America. **Waste Water:**

It is proposed to monitor the Waste Water on monthly basis. The following parameters will be monitored for the Waste Water.

Table No. 6.11 Waste Water Monitoring Parameters with details

Sl. No.	Parameters	Test Method	Max. Tolerance Limit as per IS:2296 (1982) (Class-C)
1.	Colour, Hazen Units	IS : 3025(Part-4)	300
2.	Odour	IS : 3025(Part -6)	**Un objectionable**
3.	Taste	IS : 3025(Part -7)	Agreeable
4.	Turbidity, NTU	IS: 3025(Part -10)	--
5.	pH	IS: 3025(Part -11)	6.5 – 8.5
6.	Total Hardness (as$CaCO_3$),mg/l	IS : 3025(Part- 21)	--
7.	Iron (as Fe),mg/l	IS : 3025(Part -53)	50
8.	Chloride (as Cl),mg/l	IS : 3025(Part-32)	600
9.	Residual Chlorine, mg/l	IS : 3025(Part- 26)	--
10.	Fluoride (as F) mg/l	IS : 3025(Part-60)	1.5
11.	Dissolved Solids, mg/l	IS : 3025(Part-17)	1500
12.	Calcium (as Ca),mg/l	IS : 3025(Part-40)	--
13.	Magnesium (as Mg),mg/l	APHA-22nd Edition	--
14.	Copper (as Cu),mg/l	IS : 3025(Part-42)	1.5
15.	Manganese (as Mn),mg/l	IS : 3025(Part 59)	--
16.	Sulphate (as SO_4), mg/l	IS : 3025(part-24)	400
17.	Nitrate (as NO_3),mg/l	IS 3025(Part -34)	50
18.	Phenolic compounds (as C_6,H_5OH),mg/l	IS : 3025(Part -43)	0.005
19.	Mercury, (as Hg),mg/l	IS : 3025(Part 48)	--
20.	Cadmium (as Cd),mg/l	IS:3025(Part- 41)	0.01
21.	Selenium (as Se), mg/l	APHA 22nd Edition	0.05
22.	Arsenic (as As), mg/l	IS : 3025(Part -37)	0.2
23.	Cyanide (as CN) mg/l	IS : 3025(Part -27)	--
24.	Lead (as Pb), mg/l	IS:3025(Part -47)	0.1
25.	Zinc (as Zn),mg/l	IS : 3025(Part-49)	15
26.	Anionic Detergents	As per CPCB Guideline	1

	(as MBAS),mg/l		
27.	Hexavalent Chromium (as Cr^{+6}),mg/l	IS : 3025(Part -52)	0.05
28.	Mineral Oil, mg/l	IS : 3025(Part- 39)	0.1
29.	Alkalinity(as $CaCO_3$),mg/l	IS : 3025(Part-23)	--
30.	Aluminium (as Al), mg/l	IS : 3025(Part-55)	--
31.	Boron (as B), mg/l	APHA 22nd Edition	--
32.	Dissolved Oxygen, mg/l	IS : 3025(Part- 38)	4
33.	BOD(3 days at 27ºC), mg/l	IS : 3025(Part- 44)	--
34.	Total coli form organisms, MPN/100 ml	As per CPCB Guideline	5000+
35.	Sodium Absorption Ratio	As per CPCB Guideline	-

Drinking Water:

It is proposed to monitor the Drinking Water on monthly basis. The following parameters will be monitored for the Drinking Water.

Table No. 6.12 Drinking Water Monitoring Parameters with details

Sl.No.	Parameters	Test Method	Permissible Limit as per IS 10500:2012
1.	Colour	IS : 3025(Part 4)	15
2.	Odour	IS : 3025(Part 6)	Agreeable
3.	Taste	IS : 3025(Part 7)	Agreeable
4.	Turbidity, NTU	IS : 3025(Part 10)	5
5.	pH	IS : 3025(Part 11)	6.5-8.5
6.	Total Hardness (as $CaCO_3$),	IS : 3025(Part 21)	600
7.	Iron (as Fe),	IS : 3025(Part 53)	No relaxation
8.	Chloride (as Cl),	IS : 3025(Part 32)	1000
9.	Residual Chlorine,	IS : 3025(Part 26)	1
10.	Fluoride (as F)	IS : 3025(Part 60)	1.6
11.	Dissolved Solids,	IS : 3025(Part 17)	2000
12.	Calcium (as Ca),	IS : 3025(Part 40)	200
13.	Magnesium (as Mg),	APHA-22nd Edition, 2012,3500-B	100
14.	Copper (as Cu),	IS : 3025(Part 42)	1.5
15.	Manganese (as Mn),	IS : 3025(Part 59)	0.3
16.	Sulphate (as SO_4),	IS : 3025(Part 24)	400
17.	Nitrate (as NO_3),	IS : 3025(Part 34)	No relaxation

18.	Phenolic compounds (as C_6,H_5OH),	IS : 3025(Part 43)	0.002
19.	Mercury, (as Hg),	IS : 3025(Part 48)	No relaxation
20.	Cadmium (as Cd),	IS : 3025(Part 41)	No relaxation
21.	Selenium (as Se),	APHA 22ND Edition	No relaxation
22.	Arsenic (as As),	IS : 3025(Part 37)	0.05
23.	Cyanide (as CN)	IS : 3025(Part 27)	No relaxation
24.	Lead (as Pb),	IS 3025 (Part 47)	No relaxation
25.	Zinc (as Zn),	IS : 3025(Part 49)	15
26.	Hexavalent Chromium (as Cr^{+6}),	IS : 3025(Part 52)	--
27.	Mineral Oil,	IS : 3025(Part 39)	No relaxation
28.	Alkalinity(as $CaCO_3$),	IS : 3025(Part 23)	600
29.	Aluminium (as Al),	IS : 3025(Part 55)	0.2
30.	Boron (as B),	APHA 22nd Edition	1.0

Occupational Health Check-up:

In addition to the pre-employment periodic health check-up with special attention with occupational health will be carried out as per the periodic sheet mention below:

Periodically of Occupational Health Check-up	
Age Limit	**Frequency of Health Check-up**
Below 31 years	Once a year
31-40 years	Once a year
41-50	Once a year
Above 50	Once a year

The work zone monitoring will be done regularly. The concept of job rotation will be done to avoid prolonged occupational exposure and overcome monotony. The present practice of Occupational Health check-up of the employees through the existing in-house facility will be carried out for the following health check-up.

- General Health Check-up
- ENT Testing
- Blood Pressure Check-up
- Blood Testing
- Dust Sampling
- Gas and Vapour Sampling
- Pulmonary Function Test
- Audiometry
- Eye Testing
- Electrocardiogram
- Heat Stress Monitoring

- Kinetics

6.3 Laboratory Facilities

In addition to environmental monitoring by third party agencies; in-house monitoring will also be carried out.

The environmental laboratory plays a very important role in assessing the status of environment comprising both abiotic (soil, water and air) and biotic (flora, fauna and human being) components.

The laboratory will have sufficient space, proper design, interior furnishing, proper ventilation, proper lighting, temperature control, dust free atmosphere etc. since all these factors influence the quality of analytical data generated in a laboratory and also may affect the production of reliable data. Regular and proper supply of some of the essential needs like water and electricity is to be ensured for smooth functioning of the laboratory. In addition to these, other important factors like facilities for preservation of samples, weighing, cleaning of glassware, quality of chemicals, fire-fighting facilities, laboratory safety and first-aid facilities are also an essential requirements.

An Environmental Laboratory has been set up in the Alumina Plant which is an integral part of Central Quality Control Laboratory of M/s. Utkal Alumina International Ltd. It takes care of all environmental monitoring and analysis jobs. Experienced Lab Analyst/Environmental Scientists/ Engineers have been employed to carry out the necessary environmental monitoring.

The list of major Equipment, Instruments and Apparatus for the environmental laboratory is given in the following tables (**Table No. 6.13 to 6.16).**

Adequate nos. of Equipment, Instruments, Apparatus, Consumables & Chemicals will be in place for carrying out the Post Project Monitoring; in order to evaluate the effectiveness of mitigation measures.

Table No. 6.13 Equipment for Ambient Air Quality Monitoring

Sl. No.	Name of the Equipment
1.	High Volume Sampler
2.	Gaseous Sampler
3.	Respirable Dust Sampler
4.	Fine Particulate Sampler
5.	CO monitoring equipment
6.	Handy Sampler
7.	Personal Dust Sampler
8.	Stack Monitoring Kit

Table No. 6.14 Equipment for Stack Monitoring

Sl. No.	Name of the Equipment
1.	Stack Monitoring Kit

List of Equipment for Water/Waste Water Analysis:

Table No. 6.15
List of Equipment for Water/Waste Water Analysis

Sl. No.	Name of the Equipment	Parameters
Basic Equipment		
1.	Ice Box/s	Storage of sample
2.	Filtration assembly	For TDS,TSSS
3.	Heating Mantle	For Heating Purpose
4.	Stop watch	
5.	Hot air oven	For drying purpose
6.	Hot plate	For Heating Purpose
7.	Muffle furnace	For drying purpose
8.	Standard weight	
9.	Water bath	
10.	Thermometers (0-100^{0}C)	
11.	Refrigerator/s big size* 300 liters or above	
Specific Equipment		
1.	Bottom sampler	
2.	BOD Incubator	BOD
3.	COD Digester with Aluminium heating blocks	COD
4.	Depth Sampler	
5.	Dissolved oxygen sampler	
6.	Magnetic Stirrer with hot plate	
7.	Mechanical Shaker	For Soil Analysis
8.	Vacuum pump	
9.	Water purification distillation assembly	
10.	Water Testing kit	

List of Instruments for Water/Waste Water Analysis:

Table No. 6.16
List of Instruments for Water/Waste Water Analysis

Sl. No.	Name of the Equipment	Parameters
Basic Equipment		
1.	Analytical Balance	For weighing purpose
2.	Conductivity Meter	Conductivity
3.	Dissolved oxygen meter	D.O
4.	pH Meter with combined glass electrode	pH
5.	Turbidity meter	Turbidity
6.	Double Distillation Unit	
Specific Instruments		
1.	Atomic Absorption Spectrophotometer with Graphite Furnace and Hydride Generation System	
2.	Flame Photometer	Na, K

3.	Portable Analyzer Kit (DO, pH, Temp. Cond.)	
4.	Precision Balance weighing up to 1 mg* (water / air)	
5.	Spectrophotometer (Visible)* or Ultraviolet & visible	

List of Glass Apparatus and Distillation Assemblies:

Table No. 6.17

List of Glass Apparatus and Distillation Assemblies

Sl. No.	Name of the Equipment	Parameters
1.	Fluoride distillation assembly	Fluoride
2.	Cyanide distillation assembly	Cyanide
3.	Ammonia distillation assembly	Ammonia
4.	Water distillation assembly	Water distillation
5.	Soxlet extraction assembly	
6.	Arsenic estimation assembly	Arsenic
7.	Phenol distillation assembly	Phenol

6.3.1 Budget for Pollution Control Measures

The budgetary provision w.r.t. Capital Cost and Recurring Cost as required for Environmental Management are detailed below;

CAPITAL COST ESTIMATED FOR EMP:

Adequate budgetary provision has been made by the company for execution of environmental management plan. **Table No. 6.18 and 6.19** give overall investment on the environmental safeguards and recurring expenditure for successful monitoring and implementation of control measures.

Table No. 6.18

Approx., Capital Investment for Environmental Protection

Sl. No.	Particulars	Rs. in Lakhs
I	**AIR POLLUTION CONTROL**	
1	Electrostatic precipitator	10000
2	Chimney	3000
3	Flue Gas Desulphurization System unit for boilers	2000
4	Dust Collector – Bag Filters	500
5	Water Sprayer (Stationary)	200
II	**WATER POLLUTION CONTROL**	
1	Domestic effluent treatment plant	100
2	Industrial ETP	200
3	Storm water drains, Caustic drain	1500
4	Caustic Pond/Guard Pond	300
5	Sewage System	100
6	Ash Pond/Red Mud Pond lining	3000
7	Sump Pit & Pumps	2000
III	**NOISE POLLUTION CONTROL**	200

IV	**ENV. MONITORING AND LAB INSTRUMENTS**	200
V	**OCCUPATIONAL HEALTH & FIRE FIGHTING SYSTEM**	
1	Occupational Health Equipment	100
2	Fire Fighting Equipment & Network System	1500
VI	**GREEN BELT AND PLANTATION**	500
VII	**RAIN WATER HARVESTING**	100
	GRAND TOTAL	**25500**

RECURRING COST ESTIMATED FOR EMP :

Annual cost of monitoring and implementation of control measures is given in **Table No. 6.19**.

Table No. 6.19

Recurring Annual Cost for Environmental Protection

Sl. No.	Particulars	Rs. in Lakhs
1	Air pollution control	50
2	Water pollution control	70
3	Noise pollution control	30
4	Environmental monitoring and management	80
6	Occupational health	150
7	Green belt & Plantation	100
8	Others (Environmental studies, expert advice etc.)	75
	TOTAL	**555**

CHAPTER - 7

ADDITIONAL STUDIES

7.0 ADDITIONAL STUDIES

7.1 Continuous Risk Management:

The decision about the proposed project with respect to the safety aspect is made on the basis of risk management. Risk management includes Identification, Assessment, Mitigation and Disposition of Risk. Implementation of risk management ensures an integrated, inherent risk management approach throughout the life of the project.

The Risk Management Plan is developed during the project formulation phase to include project plan for execution during the implementation phase. A **prioritized** risk list is maintained with development of a **"Success Criteria"** which is clearly communicated to all levels of employees

with the scope of the efforts so as to guide risk decisions. An Acceptable Risk Level (what level of risk is reasonable) is defined for the project to accept while implementing the project.

Risk is defined as; *"the combination of the probability (qualitative or quantitative) that a project will experience an undesired event and the consequences (impact) of the undesired event were it to occur".*

The principles of Risk Management involve the following methodology:

- IDENTIFICATION of Hazards
- ASSESSMENT of Risks and Existing Control Measures
- MANAGEMENT of Risk
  - Controlling the Risks through implementation of appropriate control measures,
  - Monitoring the control measures,
  - Review to evaluate their effectiveness, Communication of Risks & Controls,
- Documentation of the Risk Management process.

The steps involved in Continuous Risk Management vis-à-vis the component are summarized in the table given below:

Table No. 7.1

Continuous Risk Management Components and Steps

COMPONENTS		STEPS	
A.	Identify	1.	Identify the Hazards
B.	Analyze	2.	List Top Events or Incidents which will result when hazards are released and relate them to the hazards identified. [Decide who might be harmed & how].

		3.	Analyze and Assess the Risk – • List consequences which result from hazard being released. • Evaluate the Risk = Probability X Severity. [Qualitative Vs Quantitative]. • Rank the Risk - using the Risk Matrix & brainstorming techniques based on the probabilities of the Top Event occurring.
		4.	For all hazards and consequences which have been ranked as HIGH risks, IDENTIFY ALL THREATS or causes which can release the hazard to become a top event.
C.	Control	5.	Determine BARRIERS for each threat
		6.	Determine the RECOVERY MEASURES to reduce the impact of the Consequences due to the occurrence of the Top Event.
		7.	Identify ESCALATION FACTORS which will reduce the effectiveness or operation of the barriers or recovery measures and implement additional measures to compensate for these factors.
		8.	LINK Barriers and Recovery Measure controls to HSE Critical Activities which are part of Business Activities.
E.	Monitor	9.	Monitor People, Activity, Work zone & Process.
F.	Review	10.	Review the effectiveness of HIRARC. [Basis: Gap Analysis Vs. Accepted Criteria]. Decide on further action – Preventive/Corrective.
G.	Communicate	11	Communicate as required during each stage.
H.	Documents	12	Document the entire process.

7.1.1 Hazard Identification:

Hazard is defined as; "Source, situation, or act with a potential for harm in terms of human injury or ill health or a combination of these". It is an act or a condition in the workplace that has the potential to cause injury, illness, or death to a person and/or damage to company property, equipment and materials. Hazards may include flammability, explosive, corrosiveness, toxicity and hazards due to different activities.

Risk is defined as; "Combination of the likelihood of an occurrence of a hazardous event or exposure(s) and the severity of injury or ill health that may be caused by the event or exposure(s)".

Risk = Probability (likelihood of Occurrence) X Consequence (severity).
Hazard is the cause and Risk is the effect. Various techniques of predictive hazard evaluation and quantitative risk analysis suggest identification of hazard has very important role in estimation of probability of an undesired event and its consequences on the basis of risk quantification in terms of damage to personnel, property and environment.

Hazard identification is of prime significance for the quantification of risk and for costeffective control of accidents in any industrial installation. There are many techniques for identification of hazard; such as Checklists, Walk through Surveys, Safety Audits, Past Records Review,

Accident Investigation, Brainstorming, What If" analysis, HAZOP, Job Safety Analysis, Task Analysis, Fault Tree Analysis, Event Tree analysis, Index (Dow, Mond), Failure Mode and Effects Analysis (FMEA).

The following hazards are identified which are having a potential for leading to a disaster or emergency situation.

Table No. 7.2 Hazard Identification

Sl. No.	Hazard	Predictable Hazard Scenario	Impact
1.	HFO Storage Tanks Area in Alumina Refinery [12,000 KL]	Pool fire/fire ball may occur due to rupture in the tank and subsequent release and instantaneous ignition.	Fire may propagate to the nearby area.
2.	LDO Storage Tanks Area in CPP [100 KL]	Pool fire/fire ball may occur due to rupture in the tank and subsequent release and instantaneous ignition.	Fire may propagate to the nearby area.
3.	LDO & HFO Storage Tanks Area in CPP [LDO 100 KL &HFO 150 KL]	Pool fire/fire ball may occur due to rupture in the tank (LDO/HFO) and subsequent release and instantaneous ignition creating a catastrophic effect.	Fire may propagate to the nearby area.

7.1.2 Analysis of Identified Hazard and Risk Assessment:

Risk evaluation is carried out in three steps using several Risk Assessment techniques.

(A) Preliminary Hazard Analysis

(B) Risk Assessment and Ranking

(C) Threat Identification for High Ranked Risks

The individual steps followed are explained as below:

(A) <u>Preliminary Hazard Analysis</u> :

A **Preliminary Hazard Analysis** is carried out initially to identify the major hazards associated with the project. The top events or incidents which would result when the hazards are released are listed against the hazard identified. This is already covered under section 7.1.1. at Table No. 7.1.

The consequences w.r.t. respective hazards are listed. This is also covered under section 7.1.1. at Table No. 7.1. This is followed by the **Consequence Analysis with evaluation of the consequences** to qualify these hazards as credible hazard / most credible hazards**. This is explained as below.**

<u>Case-1: Fire on HFO Storage Tank in Alumina Refinery, Capacity 12,000 KL :</u>

Fire Hazard in FO Storage Tank is considered as Most Credible Hazard Scenario because of the following reasons;

HFO is a flammable liquid having flash point of >62°C and auto ignition temperature of 220300°C and explosive limit of lower value 0.6% & upper value 7.5% by volume in air. So, it is susceptible to fire hazard. Whenever HFO catches fire it shall manifest in the form of pool fire. Taking into consideration of the metrological data of the area, one time storage quantity of HFO and its physical and chemical property, it is considered credible Hazard scenario.

Storage details	Significant heat level Kw/m^2	Experienced at distance in Mtrs.			Indication
		Summer	Rainy	Winter	
HFO 12000 KL	4.5	137.8	121.3	123.0	Causes pain if unable cove the body within 20 seconds. However blistering of the skin (2nd degree burn) is likely caused with no lethality.
	12.5	25.2	15.1	20.5	Minimum energy required for melting of plastic
	37.5	2.5	2.4	2.8	Sufficient to cause damage to the equipment.

Case-2:Fire on LDO Storage Tank in CPP, Capacity 100 KL :

Fire Hazard in LDO Storage Tank is considered as Most Credible Hazard Scenario because of the following reasons;

LDO is a flammable liquid as per schedule-1, Part-II (b) (v) having flash point of > 52°C and auto ignition temperature of 257°C and explosive limit of lower value 0.6% & upper value 4.7% by volume in air. Fire classification as per OSHA, it comes under category Flammability-2 (Moderate). So, it is susceptible to fire hazard. Whenever LDO catches fire it shall manifest in the form of pool fire. Taking into consideration of the metrological data of the area, one time storage quantity of LDO and its physical and chemical property, it is considered credible Hazard scenario.

The effect of significant heat radiation level of 4.5 Kw /m^2, 12.5 Kw/m^2 and 37.5 Kw/m^2 for different season in case of fire on LDO storage tank as assessed through modeling in different season as per modeling is given in table below;

Storage details	Significant heat level Kw/m^2	Experienced at distance in Mtrs.			Indication
		Summer	Rainy	Winter	
HFO 12000 KL	4.5	4.5	5	5	Causes pain if unable cove the body within 20 seconds. However blistering of the skin (2nd degree burn) is likely caused with no lethality.
	12.5	2.5	3	2.5	Minimum energy required for melting of plastic

	37.5	1.5	2	2	Sufficient to cause damage to the equipment.

Case-3:Fire on LDO & HFO Storage Tank in CPP, Capacity LDO 100 KL & HFO 150 KL :

LDO is a flammable liquid as per schedule-1, Part-II (b) (v) having flash point of > 52°C and auto ignition temperature of 257°C and explosive limit of lower value 0.6% & upper value 4.7% by volume in air and HFO is a flammable liquid having flash point of >62°C and auto ignition temperature of 220-300°C and explosive limit of lower value 0.6% & upper value 7.5% by volume in air.

Since LDO/HFO has flammable properties, the major release scenario is fire in LDO/HFO storage tank. Worst-case scenarios of catastrophic failure of tanks and fire on the liquid pool have been considered for the consequence analysis. The maximum hazard distance of significant heat radiation level of secondary damage corresponding to pool fire in different season is given in the table given below.

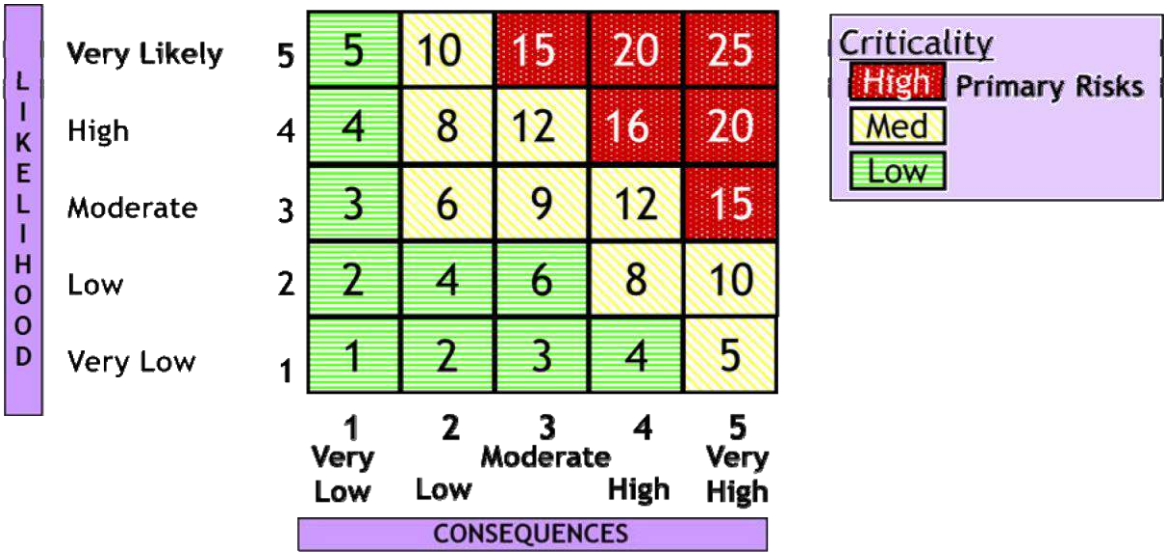
Storage details	Significant heat level Kw/m^2	Experienced at distance in Mtrs.			Indication
		Summer	Rainy	Winter	
LDO (100 KL) & HFO (150 KL)	4.5	6	5	5	Causes pain if unable cove the body within 20 seconds. However blistering of the skin (2nd degree burn) is likely caused with no lethality.
	12.5	4	3	3	Minimum energy required for melting of plastic
	37.5	3	2	2	Sufficient to cause damage to the equipment.

Risk Evaluation and Ranking :

The Risk is evaluated by multiplication of Probabilistic Factor(determined above) and Severity Factor(determined through consequence analysis). The Risk Ranking is done in a 5 X 5 matrix. This is mentioned as below in Table No. 7.3 which is self-explanatory.

The standardized 5 X 5 Risk Matrix followed is depicted below at **Figure No. 7.1**.

Figure No. 7.1 Risk Matrix



NOTE: Specific criteria for each of the Likelihood and Consequence categories are to be defined by each Enterprise or Program or Activity

The ratings of consequences w.r.t People, Assets & Environment are as follows:

Table No. 7.3

Ratings of Consequences w.r.t People, Assets & Environment

Sl. No.	Damage to People	Damage to Assets	Damage to Environment
0	No Injury or damage to health	Zero Damage	Zero Effect – No Environmental damage. Mo change in Environment. No financial consequences.
1	Slight injury or health effects (including first aid case and medical treatment case) – Not affecting work performance or causing disability.	Slight Damage – No disruption to operation	Slight Effect – Local Environmental damage. Within the fence and within systems. Negligible financial consequences
2	Minor Injury or health effects (Lost Time Injury) – Affecting work performance, such as restriction to work activities (Restricted Workday Case) or a need to take a few days to fully reconvert (Lost Workday Case). Limited health effects are reversible e.g. Skin, irritation, food poisoning.	Minor Damage – Brief disruption	Minor Effect – Contamination Damage sufficiently large to attack the environment. Single exceedance of statutory or prescribed criterion. Single complaint. No permanent effect on the environment.

3	Major Injury or health effects (including Permanent Partial Disability) – Affecting work performance in the longer term, such as prolonged absence from work. Irreversible health damage without loss of life e.g. Noise included hearing loss, chronic back injuries.	Local Damage – Partial shutdown	Localised Effect – Limited loss of discharges of known toxicity. Repeated exceedance of statutory or prescribed limit. Affecting neighbourhood.
4	Single Fatality – From accident or occupational illness (Poisoning, cancer).	Major Damage – Partial operation loss	Major Effect – Severe Environmental Damage. The company is required to take extensive measures to restore the contaminated environment to its original state. Extended exceedance of statutory or prescribed limits.
5	Multiple fatalities – From accident or occupational illness (Poisoning, cancer).	Extensive Damage – Substantial or total loss of operations	Massive Effect – Persistent severe Environmental damage or severe nuisance extending over a large area. In term or commercial or recreational use of nature conservancy, a major economic loss for the company. Constant, high exceedance of statutory or prescribed limits.

The probability or likelihood of occurrence of a top event w.r.t. identified hazard is rated as per following table.

Table No. 7.4 Probability Rating

Probability Rating	Probability of Occurrence (cost & schedule)	Probability of Occurrence (performance)	Safety Probability of Occurrence
1	0< – 20%	0< – 4%	10^{-6} P > 10^{-1} >_ P
2	21% – 40%	5% – 14%	10^{-1} >_ P >_ 10^{-2}
3	41% – 60%	15% – 30%	10^{-2} >_ P >_ 10^{-3}
4	61% – 80%	31% – 50%	10^{-3} >_ P >_ 10^{-6}
5	81% – >99%	51% – >99%	10^{-6} >_ P

The Risk Acceptability Criteria followed is depicted below at **Table No. 7.5**.

Table No. 7.5 Risk Acceptability Criteria

Risk Score	Risk Level	Acceptability of Risk	Recommended Actions
<4	Low Risk	Acceptable	No additional risk control measures required. To continue to monitor to ensure risk do not escalate to higher level.
4 - 12	Medium Risk	Moderately Acceptable	Acceptable to carry out the work activity; however, task need to be reviewed to bring risk level to As Low As Reasonably Practicable [ALARP]. Interim control measures such as administrative controls can be implemented. Supervisory oversight required.
>12	High Risk	Not Acceptable	Job must not be carried out until risk level is brought to at least medium risk level. Risk controls should not be overly dependent on personal protective equipment. Controls measures should focus on Elimination, substitution and engineering controls. Immediate Management intervention required to ensure risk being brought down to at least medium level before work can be commenced.

The Risk Assessment is carried out and summarized in the following **Table No. 7.6**

Table No. 7.6 Risk Assessment

<table>
<tr><th>Sl. No.</th><th>Hazard</th><th>Predicted Hazard Scenario</th><th>Impact Evaluation</th><th>Consequence Scoring</th><th>Likelihood Scoring</th><th>Risk Evaluation</th></tr>
<tr><td>1.</td><td>HFO Storage Tanks Area in Alumina Refinery [12,000 KL].
🕘 Flash point of >62°C.
🕘 Auto ignition temperature of 220-300°C.
🕘 Explosive limit of lower value 0.6% & upper value 7.5% by volume in air.</td><td>Poor fire/fire ball may occur due to rupture in the tank and subsequent release and instantaneous ignition.

Fire may propagate to the nearby area.</td><td><table><tr><th rowspan="2">Significant heat level Kw/m²</th><th colspan="3">Impact distance (in m).</th></tr><tr><th>Summer</th><th>Rainy</th><th>Winter</th></tr><tr><td>4.5</td><td>137.8</td><td>121.3</td><td>123.0</td></tr><tr><td>12.5</td><td>25.2</td><td>15.1</td><td>20.5</td></tr><tr><td>37.5</td><td>2.5</td><td>2.4</td><td>2.8</td></tr></table></td><td>4</td><td>4</td><td>16</td></tr>
<tr><td>2.</td><td>LDO Storage Tanks Area in CPP</td><td>Poor fire/fire ball may occur due to</td><td><table><tr><th></th><th>Impact distance (in m)</th></tr></table></td><td>3</td><td>3</td><td>9</td></tr>
</table>

	[100 KL].	rupture in the tank and subsequent release and instantaneous ignition. Fire may propagate to the nearby area.	Significant heat level Kw/m² / Summer / Rainy / Winter 4.5 / 4.5 / 5 / 5 12.5 / 2.5 / 3 / 2.5 37.5 / 1.5 / 2 / 2			
3.	LDO & HFO Storage Tanks Area in CPP [100 KL / 150 KL]. ◴ LDO Flash point of > 52°C. ◴ Auto ignition temperature of 257°C. ◴ Explosive limit of lower value 0.6% & upper value 4.7% by volume in air. ◴ HFO Flash point of >62°C. ◴ Auto ignition temperature of 220-300°C. ◴ Explosive limit of lower value 0.6% & upper value 7.5% by volume in air.	Poor fire/fire ball may occur due to rupture in the tank (LDO/HFO) and subsequent release and instantaneous ignition creating a catastrophic effect. Fire may propagate to the nearby area.	Significant heat level Kw/m² / Impact distance (in m): Summer / Rainy / Winter 4.5 / 6 / 5 / 5 12.5 / 4 / 3 / 3 37.5 / 3 / 2 / 2	3 4	3 3	9 12

Risk Ranking:

Rank 1:HFO Storage Tanks Area in Alumina Refinery [2 X 6000 KL]: Rank Score -16

Rank 2: HFO Storage Tank in Tank Farm Area in CPP [1 X 150 KL]: Rank Score -12

Rank 3: LDO Storage Tank in Tank Farm Area in CPP [1 X100 KL]: Rank Score -10 Rank 4: LDO Storage Tank Area in CPP [1 X 100 KL]: Rank Score -9

(B) Threat Identification for High Ranked Risks:

The **threats or causes** associated with the High as well as Medium Ranked Risks are identified as mention in the following table:

Table No. 7.7 Identification of Threat

Risk Rank	Hazard	Risk Scoring	Consequence	Probability	Threat
1	Storage of HFO in Alumina Refinery [12,000 KL].	16	Poor fire/fire ball may occur due to rupture in the tank and subsequent release and instantaneous ignition.	High	• Rupture in the tank • Subsequent release • Instantaneous ignition.
2	Storage of HFO in CPP [150 KL].	12	Poor fire/fire ball may occur due to rupture in the tank (LDO/HFO) and subsequent release and instantaneous ignition creating a catastrophic effect.	Medium	• Rupture in the tank • Subsequent release • Instantaneous ignition creating a catastrophic effect
3	Storage of LDO in CPP [100 KL].	9	Poor fire/fire ball may occur due to rupture in the tank and subsequent release and instantaneous ignition.	Medium	• Rupture in the tank • Subsequent release • Instantaneous ignition.
4	Storage of LDO in CPP [100 KL].	9	Poor fire/fire ball may occur due to rupture in the tank and subsequent release and instantaneous ignition.	Medium	• Rupture in the tank • Subsequent release • Instantaneous ignition.

7.1.3 Control Measures:

The risk information is translated into planning decisions and mitigating actions (both present & future) so as to control of risk through implementation of appropriate control measures.

The following four steps were following for formulation of control measures.

(A) Determination of BARRIERS for each threat.

(B) Determination of RECOVERY measures to reduce the impact of consequences due to occurrence of Top Event.

(C) Identification of ESCALATION FACTORS which will reduce the effectiveness or operation of barriers or recovery measures and implement additional measures to compensate for this factor.

(D) Linking the Barriers and Recovery Measures to HSE Critical Activities.

On the basis of above an On-site Emergency Plan is prepared which is described in subsequent sections:

7.1.4 On-Site Emergency Preparedness Plan:

- **On-Site Emergency Plan:**

Emergency planning is an integral part of the overall loss control program and is essential for the organization. The same is important for effective management of an accident to minimize the losses to the people and property, both in and around the facility. The important aspect in emergency management is to prevent by technical and organizational measures, the unintentional escape of hazardous materials out of the facility and minimize accidents and losses. Emergency planning demonstrates the organizational commitment to the safety of employees and increases organization's safety awareness.

- **Objectives:**

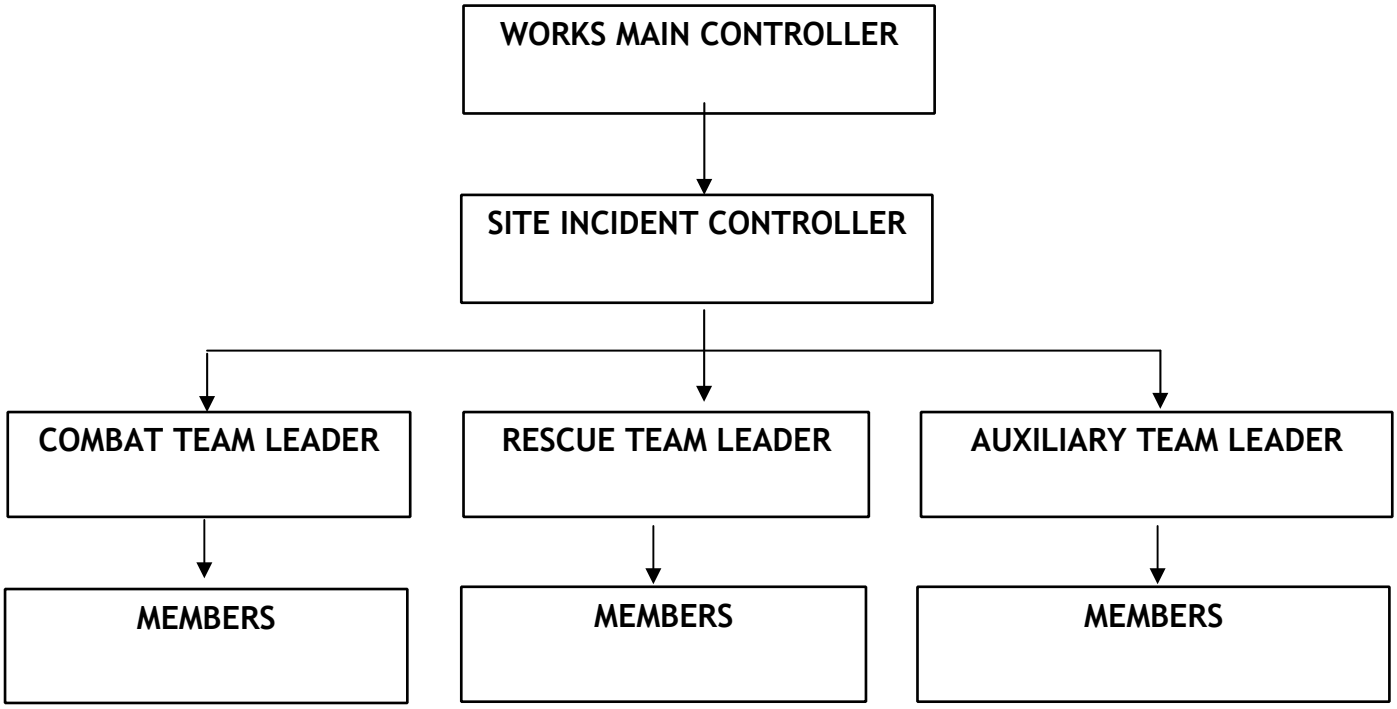
The objectives of this On-site Emergency Plan is to describe the plant's emergency response organization, the resources available and response actions applicable to deal with various types of emergencies that could occur at the facility with the response organization structure being deployed in the shortest time possible during an emergency.

(i) Rapid control and containment of possible hazardous situations.

(ii) Minimizing the risk and the impact of accident.

(iii) Effective rehabilitation of affected persons.

EMERGENCY COMMAND STRUCTURE



ROLE OF KEY PERSONS OF EMERGENCY COMMAND STRUCTURE

WORKS MAIN CONTROLLER (WMC):-

- On being informed, rushes to the scene and takes overall charges of the situation.
- Makes quick assessment of the situation and decides declaration of emergency, by blowing the siren in appropriate code [intermittent three times with half minutes interval].
- Directs leaders of the Combat, Rescue & Auxiliary teams through Site Incident Controller to take control of the situation in the affected area.
- Makes continuous review and assess the possible developments to determine the extent of damage to plant and human beings.
- Directs shut-down of the plant, if necessary.
- Orders evacuation process by consulting with key persons.
- Ensures that casualties are receiving adequate attention.
- Liaises with the fire services, police services and other statutory authorities.
- Declares closure of the emergency by blowing the siren [only once long siren for 25 seconds].
- Issues the authorized statements to the media services.
- Reports all statutory authorities in the prescribed manner.

SITE INCIDENT CONTROLLER:-

- On hearing Emergency siren, rushes to the scene and reports to the Works Main Controller.
- Carries out the instructions of Works Main Controller.
- Makes quick assessment about the gravity of the situation and appraises Works Main Controller.

- Orders Combat Team Leader, Rescue Team Leader and Auxiliary Team Leader to discharge their responsibilities immediately.
- Extends all sorts of help through different agencies, to minimize the damage to human being, plant, property and environment.
- Reports the development of the situation, time to time to Works Main Controller.
- Provides the required information to the Govt. fire brigade team for firefighting.
- Preserves the evidences for the subsequent inquiries.

COMBAT TEAM LEADER:-

- On hearing the emergency siren, rushes to the scene along with the firefighting team, with sufficient equipment in the minimum possible time and reports to Site Incident Controller time to time.
- Carries out the instructions of Site Incident Controller.
- Ensures that, the team members resume their position with appropriate equipment.
- Monitors the firefighting operation to control the situation.
- Ensures that, the situation is controlled by arresting spillage, shutting/closing of the valves etc. by the team, in consultation with Site Incident Controller.
- Assists the Site Incident Controller, till the situation is under control.

COMBAT TEAM MEMBERS:-

- On hearing the emergency siren, rush to the scene with firefighting equipment, within the minimum possible time and report to their team leader.
- Carry out orders of the team leader.
- Operate the firefighting equipment for controlling the situation.

RESCUE TEAM LEADER:-

- On hearing the emergency siren, rushes to the scene and reports to the Site Incident Controller.
- Carries out the instruction of the Site Incident Controller.
- Ensures the arrival of his team members.
- Keeps necessary equipment of first-aid for preliminary treatment.
- Keeps the ambulance ready to carry the injure persons to the hospital.
- Ensures the use of proper personal protective equipment by the team members, before their rescue operation.
- Informs the Works Main Controller about the development time to time.
- Guides the Mutual Aid Partners for their course of action at the site.
- Guides the rescued workers to reach the assembly point. Searches the missing person(s) on the roll call basis.

RESCUE TEAM MEMBERS:-

- On hearing the emergency siren, rush to the scene with appropriate personal protective equipment and report to their team leader. Carry out orders of the team leader.

AUXILIARY TEAM LEADER:-

- On hearing the emergency siren rushes to the site and reports to the Site Incident Controller.
- Carries out the instruction of Site Incident Controller.
- Ensures the arrival of his team members.
- Intimates statutory authorities over phone.
- Intimates nearest Fire Station over phone. Intimates Mutual-Aid Partners over phone.
- Keeps the first-aid trainers ready with essential medicines &dressing materials, to give first- aid to victims.
- Takes care of victims' family.
- Makes all arrangements like transport, other needs, finance etc.
- Ensures that all casualties are shifted to hospital for medical treatment.
- Keeps records of casualties and provide information of the matter to Works Main Controller time to time.

AUXILIARY TEAM MEMBERS:-

- On hearing emergency siren, rush to the site and reports to their team leader.
- Carry out the orders of the team leader.
-

Table No. 7.8 Action Plan for On-Site Emergency

Step No.	Initiator	Action to Take
1.	The person noticing the emergency(fire)	• Informs the Security Gate and the concerned Shift-in-charge who in turn informs Combat Team Leader immediately regarding the fire hazard.
2.	Combat Team Leader (CTL)	• Informs Site Incident Controller (SIC) through common dialing system and rushes to the spot for combating the situation. Takes charge of the situation, arranges for evacuation of people from the affected area. • Organizes trained personnel equipped with firefighting appliances. • Start combating by shutdown plant & equipment and takes steps to extinguish fire with available firefighting facilities. • Finds out the root cause of fire and to takes necessary action for prevention of fire.
3.	Site Incident Controller (SIC)	• Informs Works Main Controller (WMC) and rushes to site. In case of failure of the electronic communication system, arranges the standby available provision i.e. a runner with bike to convey the message about the emergency to the works Main Controller • Discusses with the Combat Team Leader (CTL), assesses the situation and call the Rescue Team Leader (RTL) & Auxiliary Team Leader (ATL) to the site. • Arranges to evacuate the unwanted persons and call for additional help. • To Passes information to the Works Main Controller (WMC) about the situation of site, time to time.

4.	Works Main Controller (WMC)	• Rushes to Emergency Site and observe the ongoing activities. • Takes stock of the situation in consultation with the Site Incident Controller. • Moves to Emergency Control Room. • Takes decision on declaration of emergency and asks for emergency wailing siren. • Advises the Auxiliary Team Leader to inform the statutory authorities and to seek help from Mutual- aid Partners, if required. • Decides the declaration of normalcy of emergency, after the situation is overcome. • Ensures that the emergency operations are recorded chronologically.
5.	Rescue Team (RTL)	• Consults with Site Incident Controller (SIC) and rushes to the emergency site through safe route along with the team members and starts rescue work. • Shifts the injured persons to hospital by ambulance after necessary first aid. • Informs the Auxiliary Team Leader for necessary help from Mutual Aid Partners.
6.	Auxiliary Team (ATL)	• On being directed by Works Main Controller (WMC) informs about the emergency to Statutory Authorities. • Seeks help from Mutual- Aid Partners and coordinate the Mutual Aid Partners to render their services, if required. • Takes role call to find out the missing persons, if any. • Arranges to inform the relatives of casualties. • Takes care of visit of the Statutory Authorities to the emergency site.
7.	Team Members	• Each team member should follow the instructions of his team leader to mitigate the emergency.

ACTIVATION AND CLOSING PROCEDURE FOR ON-SITE EMERGENCY

- Anybody notices FIRE, must shout “FIRE, FIRE”, “FIRE” and inform to Shift-in-charge.
- Being informed about fire, the Shift-in-charge informs Works Main Controller and Site Incident Controller.
- On hearing about the fire, Works Main Controller and Site Incident Controller rush to the scene and make quick assessment of the situation.
- On quick assessment of the situation, the Works Main Controller rush to the emergency control room and declare emergency by blowing appropriate siren code [intermittent three times with half minutes interval].
- On hearing of Emergency siren the key personnel of Emergency Combat structure perform their duties and responsibilities as per the worksheet.
- During the emergency operation, the Works Main Controller keeps records of activities carried on, supervises overall, maintain liaison with mutual aiders, statutory authorities.
- After being controller the situation, the Works Main Controller declares normalcy by blowing appropriate siren [three minutes continuously].

7.2 Linking of Disaster Management Plan with District Disaster Management Plan:

The Disaster Management Plan is linked with District Disaster Management Plan of Rayagada district Odisha. As per Schedule-5 *“The Manufacture, Storage and Impact of Hazardous*

Chemical Rules, 1989" ; it is the responsibility of District Collector or District Emergency Authority designated by the State Government to prepare the **Off-site Emergency Plan** containing particulars as mention in Schedule-12 of the said Rule.

The District Disaster Management Plan of Rayagada District is as per Rule-14 of *"The Manufacture, Storage and Impact of Hazardous Chemical Rules, 1989"*; on reviewing all the On-site Emergency Plan prepared by the Occupiers of Major Accident Hazards installations of the District as per Rule-9(2)(b).

The Off-site Disaster Management Plan is an integral part of any Disaster/Emergency Management Plan. It is based on the On-site Emergency Plans of the Major Accident Hazards installations of the District and other input information with respect to the potential hazards which could affect the environment (both biotic & abiotic) outside the work/plant boundary. Thus, the On-site Emergency Plans forms the basis for the Off-site Disaster Management Plan and the two plans are therefore complement to each other.

7.3 Public Consultation & Hearing:

During the scoping stage it was recommended by the EAC- Industry-1 for Public Hearing and accordingly ToR was issued on 22nd May, 2017 vide F. No. J-11011/753/2007-IA-II(I) by MoEF&CC for conducting Public Hearing [Ref. ToR No. 14. (vii) & (viii)] by State Pollution Control Board, Odisha. Thus draft EIA/EMP report along with Executive Summary in English & also in local language (Odia) was submitted on 04th August 2017 to State Pollution Control Board, Odisha for conducting Public Hearing as per Clause No. 7 (III) Stage (3) of MoEF Notification No. S.O. 1533, Dated 14th September, 2006 and amendments thereof; following the procedures mentioned in Appendix – VI of the said notification. State Pollution Control Board, Odisha has made advertisements through an Odia Daily **"Samaj"** dated 05.10.2017 and an English Daily **"The Times of India"** dated 08.10.2017 regarding the venue, date and time of the public hearing in consultation with the District Collector, Rayagada.

- Public Hearing was conducted on 15.11.2017 at the venue and time as notified to the public in the News papers and proceeding of the same is enclosed as **Annexure 7.1**.

- Issues raised by the Public during Public Hearing and response of the project proponent is presented below at Table No. 7.9

Table No. 7.9

STATEMENT OF ISSUES RAISED BY THE PUBLIC DURING THE PUBLIC HEARING OF M/S UTKAL ALUMINA INTERNATIONAL LTD, DORAGUDA, TIKIRI, RAYAGADA FOR ENHANCEMENT OF PRODUCTION CAPACITY OF ALUMINA REFINERY FROM 1.5 TO 3.0 MTPA ALONG WITH CO- GENERATION POWER PLANT CAPACITY FROM 90 TO 150 MWHELD ON 15.11.2017 AT 10.00 AM AT VILLAGE BAGHRIJHOLLA, TAHSIL- KASHIPUR IN RAYAGADA DISTRICTAND RESPONSE OF THE PROJECT PROPONENT THEREOF.

Issues raised by the Public in Hearing	Response of the Project Proponent	Activity	Approximate Budget (Rs. In lakhs)	Time line
Environmental Issues:-				
1. Barrier around Red Mud Pond & Ash Pond for protection of human & animals.	Red mud pond area is protected by boundary wall and fence. Ash pond is situated on a hill top valley and surrounded by deep garland drains and guard wall, and thus is protected. The guard wall is being strengthened. It is worth mentioning here that, we have recently commissioned the Red Mud Filtration Unit, which will filter the wet Red Mud from 55% solids to 75% solids, thereby eliminating wet disposal. Now, Red Mud is disposed in dry form, hence hazards for humans and animals due to wet disposal have been completely eliminated. Both these ponds are under continuous security surveillance. Operation and maintenance personnel are continuously monitoring the pond status. **In future expansion also similar actions will be continued.**	Boundary wall and fencing around RMP & AP	500	3 years

2. Prevention of Dust pollution caused by the industry in Dwimundi, D Korol & other nearby villages	All the mitigation measures stated in the EIA, EMP have been implemented effectively to protect the environment. These measures are the part of the plant design and have been implemented since the day one of operation of the plant. The Air Pollution Control measures that have already been implemented to mitigate dust pollution are installation of state of the art equipment like ESP, Bag Filters, DSS, DES and Wet Scrubbers etc. at respective point source or fugitive source. In addition to the above High pressure fixed water sprinkling system put in place at Bauxite & Coal handling area to control	Air Pollution mitigation measures as proposed in the EIA/EMP and part of the project cost.	15700	5 years

	fugitive dust emission. Regular water sprinkling and cleaning is being carried out on roads through mobile water tanker to reduce fugitive emission. All in plant roads have been blacktopped/concreted. Moreover, plantation along the boundary wall is being carried out to prevent the dust pollution in Dwimundi, D. Korol and other nearby villages. **In proposed expansion similar air pollution control measures will be adhered to, from the design stage.**			

3. River water Pollution in Bada Nadi due to discharge from plant affecting downstream villages.	The plant is operating on a zero liquid discharge principle as mandated by the OSPCB & MoEFCC. Various ponds like Red Mud Pond, Ash Pond, Caustic Pond, Guard Pond and Holding Pond are in place to collect and reuse waste water in the process. STP (Sewage treatment Plant) has been provided to treat the domestic waste water and reuse of treated water in gardening and afforestation. **The expanded plant will have similar features to prevent any waste water discharge to outside and the plant will be designed and operated on Zero Discharge concept.**	Water Pollution mitigation measures as proposed in the EIA/EMP and part of the project cost.	7200	5 years
4. Plantation over surrounding bare hills.	Plantation is a continuous activity at Utkal. We have developed in-house Nursery spreading over an area of five acres having capacity of 2.0 lakh saplings at Plant site and another nursery at Baphlimali Bauxite Mines of capacity 0.5 lakh saplings. These saplings are being planted for greenbelt development in and around the plant premises & Bauxite mines. Plantation has been carried out on bare hills and other areas owned by Utkal Alumina. **UAIL will explore possibility of plantation in the surrounding private land and bare hills in coming years in consultation with the concerned land-owners and the Govt.**	Greenbelt development and plantation as proposed in the EIA/EMP and part of the project cost	500	5 years

Peripheral development:-				
1. Regular Employment for local youths having Technical & other qualifications on priority basis.	Preference will be given to the local youth having Technical & other qualifications commensurate to their proficiency and skill set as and when similar vacancies arise.			

2. Suitable jobs for local ladies	Already employment has been provided to more than 210 local ladies (Direct & Indirect) depending on their qualification and skill levels. This will continue.			
3. Provision of 500 bedded Hostel at Kucheipadar, ITI at Baghrijholla, +2 Science College at Tikiri, Support to all Government UP School to develop as Model Schools & appointments of Teachers by the company.	i) Will be looked into after due consultation with the District Administration. ii) ITI at Kashipur will be strengthened through infrastructures as needed. iii) As committed during the PH, +2 Science College will be opened nearby Tikiri within the next two years. iv) Several of the Government run UP Schools of the area have been supported as required from time to time and will continue to support. Appointment of teachers will be done in consultation with the Govt. and the School Management committees with due approvals.	Infrastructure for ITI +2 Science College Support to Govt. schools Remedial coaching by teachers	25 500 50 50	2 years 3 years 3 years 3 years
4. Hospital facility & provision of 10 nos Ambulance as medical aid.	A modern 25- bedded hospital with secondary health care facilities will be operational at Oshapada village within the next few months, wherein, local community will be provided with best in class health care. Already six numbers of Ambulances are available for the local community. Possibility of providing four more will be looked into.	Utkal Hospital at Oshapada Four ambulances	500 (establishment cost) 500 per annum 40	By March 2018 Every Year after that towards

				operational cost. 3 years
5. Development of Road from Doraguda to Baphlimali & provision of 02 nos of Student Bus from Dongasil to Kashipur.	i) Road work has been undertaken by the Govt. ii) Provision of 02 nos of student buses will be looked into.	Two buses	60 for purchasing 30 per annum	2 years Every year after that as operational cost
6. Provision of Drinking water facilities at Hadiguda Panchayat.	Drinking water facility has been provided fully by the company in 3 villages (2 villages through overhead water tank and 1 village through Spring based water supply system) of the Hadiguda Gram panchayat. These villages are also provided with hand pump bore wells for ensuring drinking water supply at all the times. Along with this, hand pump bore wells have been provided in 5 other villages of Hadiguda Gram Panchayat. Repair and maintenance of hand pumps is done by the company as and when required. This support will be extended to rest of the villages after due consultation with the Govt.	Additional drinking water facility in the villages of Hadiguda GP	300	5 years
7. Permanent Identity Card for Land Losers	As committed during the PH, Permanent Identity Cards for Land losers will be provided within the next three months.	Identity cards	6	March 2018

8. DP status for Dwimundi & D Korol village.	This issue comes under the purview of the RPDAC and the Govt.			

Name & Designation of Project Proponent with Signature

7.4 Enterprise Social Commitment (ESC):

(a) About 2.5% of the total project cost of (Rs. 5432 crores), amounting to Rs. 135.8 crores, shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC).

(b) Distinct ESC projects shall be carved out based on the local issues.

(c) Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time bound action plan shall be prepared.

(d) These ESC projects as indicated by the project proponent shall be implemented along with the main project.

(e) Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration.

(f) Action taken report in this regard shall be submitted to the Ministry's Regional Office.

(g) No free distribution/donations and or free camps shall be included in the above ESC budget.

(h) The above expenditure will be incurred spreading over the project period of about 60 months.

7.5 Social Impact Assessment:

The project proponent has carried out Social Impact Assessment study. The copy of the same is enclosed as **Annexure-7.2**.

A baseline survey was conducted to ascertain the impact and implication of development activities of 24 villages around the plant site and to access the immediate needs of the inhabitants based upon their existing socio-economic considerations. On the basis of information collected by a group of trained researchers, a strategy for development has been prepared for all-round development of the villages. The target group is the whole population of the said villages and the effort is directed towards quantitative and qualitative development parameters to achieve a sustainable socio -economic development other region. The objective is also to popularize the most effective and feasible programs that enable this to happen. In the process of operation, a model has been designed which has taken into account the delivery system of development services as well as receiving systems at the beneficiary level.

The Socio Economic aspects are also covered in Chapter-3 under Section 3.15.

7.6 Corporate Social Responsibility Activities:

The following Corporate Social Responsibilities already in place targeting at the 3.0 MTPA Alumina Refinery and 150 MW Co-generation Power Plant.

The Corporate Social Responsibility is carried out and summarized given below:

(A) Promotion of Education

(B) Health Care

(C) Sustainable Livelihood

(D) Village Infrastructure

(E) Social Interventions through promotion of culture and youth empowerment.

(A) PROMOTION OF EDUCATION:

- Operation of Aditya Birla Public School.
- Technical Training in various Trades through Company sponsored Training Centers at Kashipur / Rayagada/ Paralakhemundi.
- Construction/renovation of school buildings in the villages.
- Creating awareness about importance of Education through Street plays.
- Supplementing Education Facilitators in the Peripheral Schools.
- Establishment of ITI Training Centre
- Operation of Computer Literacy Project through Utkal Alumina Janaseva Trust by providing necessary infrastructures such as; Building, Computers, Furniture & Course Coordinators.

(B) HEALTH CARE:

- Providing Preventive & Curative Health Care facilities through Round the clock Health Centre.
- Round the clock Ambulance Service.
- Supply of assets to PHC (New) at Tikiri and Kucheipadar.
- Creation/Maintenance of drinking water sources, Tube well / dug wells installed, spring based water supply systems.
- Construction of Individual Household Toilets under Project Swachata.

(C) SUSTAINABLE LIVELIHOOD:

- Development of Commercial Vegetable Farming under Project Samriddhi.
- Establishment of Garment Manufacturing Unit under Project Saksham for empowering women of the local villages.
- Operation of Tailoring Training Centre under Project Kaushalya.
- Employment of Rural Women under Project Samartha for production of Phenyl, Paper container (Thunga), Dry snacks & Mushroom.
- Providing Solar Electrification in collaboration with TERI & Mahashakti Foundation.

(D) VILLAGE INFRASTRUCTURE: Culvert, Irrigation Channel, Rest shed, School Boundary, Drain, Community Centre, Steps to River, Weekly market platform, Sitting Altar, Pond & Cement Concrete Road.

- **Village infrastructure Development:**

To improve quality of life of people through construction/ renovation of basic infrastructure.

Table No. 7.10 Infrastructure Development

Sl. No.	Description of Jobs
1	Boundary wall construction/ renovation
2	CC Road & Drain construction/ renovation
3	Check Dam construction/ renovation
4	Community Hall construction/ renovation
5	Culvert, Causeway construction/ renovation
6	Hand pump Platform construction
7	Irrigation Channel construction
8	Market Platform construction/ renovation
9	Health Centre Renovation
10	Protection Wall construction/ renovation
11	Rest Shed construction/ renovation
12	Road Construction/Repair
13	School Renovation
14	Sitting Altar construction
15	Steps to River bed
16	Spring based water supply system
17	WBM Road
18	Vat Construction
19	Tube well/ Dug well
20	Toilet & Bathroom
21	Dustbins

(E) SOCIAL INTERVENTIONS:

To promote socio cultural and sports initiatives in the peripheral villages.

- Ama Nrutya Ama Sanskruti – A Tribal dance festival for promoting tribal culture organized annually every year.
- Durga Puja Celebrations cum Cultural Mahotsav during the Navaratri festivals.
- Utkal Rural Volleyball Tournament.
- Organizing other sports events (Volley ball and Cricket tournaments)
- Patronage for organising sports and cultural activities in the peripheral villages
- Observation of important days like Independence Day, Republic day International Women's day, World Literacy day, World No Tobacco day, Road Safety Week etc.

SAMPLE PHOTOGRAPHS:



Education – Aditya Birla Public School



Education – ITI Training



Education – Computer Literacy Project

Course	Odisha State Certificate in Information Technology (OSCIT)
Duration	3 months
Students in previous 4 batches	77
Present strength	24
Being run by	Utkal Alumina Jana Seva Trust
In collaboration with	Odisha Knowledge Corporation Ltd. (OKCL)



Preventive Health Care - Health Centre



PROJECT KAUSHALYA - Tailoring Training Centre

Location	**Nuagaon in Maikanch GP.**
No. of ladies already trained	51
Self-employed/ employed amongst them	14
No. of new trainees	22
Present Strength in Centre (Old and new)	27
Linked to Silpi Unnati Yojana of RIC for self-entrepreneurship	07



PLANTATION PROJECT

Mango saplings distribution as on FY 2016-17	3943 saplings to 427 farmers in ten villages (Karanjakupakhal,

	Paikakupakhal, Dhuturapas, D Koral, Bagrijhola, Nuagaon and Kucheipadar)

- **Awards and Accolades:**



BT-CSR Excellence Award - 2016 For Women Empowerment



CSR Excellence Award – 2016for Sustainable Livelihood and Primary Education by Odisha CSR Forum

Table No. 7.11

Year wise CSR Expenditure from FY 2010-11 to FY 2016-17 (in Lakh)

Sector	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	Total
Education	67.2	113	116.5	95.862	108.61	181.81	137.69	**820.672**
Health Care	10.1	48	62.35	94.39	218.78	124.87	165.47	**723.96**
Sustainable Livelihood	117.01	168	46.17	42.32	130.26	141.77	113.58	**759.11**
Infrastructure Development	386.26	310	628.81	422.69	394.13	193.55	178.15	**2513.59**
Social Reforms	198.66	19.45	46.48	176.55	71.88	62.11	73.87	**649**
TOTAL	**779.23**	**658.45**	**900.31**	**831.81**	**923.66**	**704.11**	**668.76**	**5466.33**

7.7 Rehabilitation & Resettlement Actions:

The following Rehabilitation & Resettlement are already in place targeting at the 3.0 MTPA Alumina Refinery and 150 MW Co-generation Power Plant.

The Rehabilitation & Resettlement is carried out and summarized given below:

- RoR for the homestead land
- Provision of Pucca House with individual toilet
- Land compensation with Ex-Gratia amount
- Maintenance Allowance
- Transportation allowance
- Cattle Shed Assistance

- Provision of electricity (with backup power supply) and street lighting
- Community Centre
- Piped water supply through Over Head Tank
- Black topping Road with Drainage facility
- Free health care service
- School Building

0.10 acre Homestead land with barbed wire fencing, gate





Black Top Village Road, Street light facility, power backup and water supply:







Individual House and School Building





CHAPTER - 8

PROJECT BENEFITS

8.0 PROJECT BENEFITS

8.1 IMPROVEMENTS IN THE PHYSICAL INFRASTRUCTURE:

The existing infrastructures and support facilities are enough to take care of the post expansion requirement after the proposed expansion of the existing plant. As the plant is located at one of the most remote corners of the country, existing infrastructures will be further strengthened due to the proposed expansion. The various infrastructural support facilities are as mentioned below:

- **Rail Link:**

Tikiri is the serving railway station for the project of M/s Utkal Alumina International Ltd. In order to facilitate easy loading/unloading of materials from railway wagons within the plant boundary, separate railway tracks are provided for the loading/unloading of following materials:

- Coal (unloading)
- Caustic soda (unloading)
- Fuel oil (unloading)
- Lime (unloading)
- Alumina loading

In addition to the above tracks, there are separate tracks for main line and engine escape line. The railway infrastructure available currently will be utilized for the expanded project.

The **inward railway traffic** involves transportation of Coal, Caustic Lye, Fuel Oil and miscellaneous materials from Vizag. The **outward railway traffic** involves transportation of
Alumina to group's Smelter Plants located at Hirakud, Lapanga, Renukoot & Mahan along with Alumina to Vizag for exports. To take care of the transportation of these materials; the company is having its own fleet of BTAP, BTCS wagons and 2 nos. of locomotives for in plant shunting and placement of wagons on railway weigh bridge. There is provision of wagon tippler for unloading of Coal. The unloaded coal is sent to the coal yard through pipe conveyor. The present facility will be utilized with increased frequency of use to take care of post expansion scenario.

- **Road Link from SH-3 from Rupkona**

A road link from SH-3 (30 km) from Rupkona is already connected to the alumina plant. In addition to the approach road to the alumina refinery all other necessary road links already provided to connect mines, red mud/ash disposal area, raw water pump house, township and Tikiri (serving railway station).

- **Road link from Rayagada**

A road link from Rayagada (60 km) throughNH-326 via Rupkona is connected to the alumina plant at Doraguda. Nearest Sea port Vizag (250 Kms) is connected via Rayagada by road.

- **Water Supply System :**

The water required for the project is drawn from San River located at about 15 Kms. from the project site. Water is drawn from the intake point of San River. There is an in plant reservoir of 1,40,000 m^3capacity along with Pond- D as lean season water reservoir.

- **Power Supply**

Post expansion stage power requirement of the Alumina Refinery will be met through the captive cogeneration power plant of 150 MW capacity. In addition, Odisha State Grid is also hooked up for drawing power from Jayanagar-Rayagada power transmission line, tapping point near Laxmipur (32 km), in case of any interruption in power supply from the Captive Cogeneration Plant for up to 15 MW at 220 KV. In addition, DGs are there for cold startup of the plant, in case of any emergency.

- **Telephone Exchange**

An independent telephone exchange is installed to cater to the requirement of the Refinery Complex. Intercom network serves as the main communication link for the internal communication of the Refinery, Mines and Township. For external linkage STD/fax/email/internet/mobile facilities are provided.

- **Township :**

The project has developed full-fledged townships comprising of housing facilities for plant, mines, security personnel and supporting staff and other amenities such as school, community center, guest house, health center, hospital, shopping complex, post office, bank etc.
Suitable provision has been kept for future expansion of the township if required.

The townships are located at 2 locations, at a distance of 1 km and 8 Kms from the plant gate by road. The township has been developed near Nuapada and Oshapada villages on the foot of the hill on the northern side of the plant boundary wall.

8.2 IMPROVEMENTS IN THE SOCIAL INFRASTRUCTURE:

The following Social Infrastructures are already in place targeting at the 3.0 MTPA Alumina Refinery and 150 MW Co-generation Power Plant.

- Operation of Aditya Birla Public School – Play Class to Std. X, 508 students, 43.11% ST & SC and provision for future expansion.
- Establishing +2 Science college at Oshapada
- Construction/renovation of 31 school buildings in the surrounding villages.
- Supplementing with Education Facilitators(55 nos.) in the Peripheral Schools (45 nos.)
- Establishment of ITI Training Centre
- Operation of Computer Literacy Project through Utkal Alumina Janaseva Trust by providing necessary infrastructures such as; Building, Computers, Furniture & Course Coordinators.
- Providing Preventive & Curative Health Care facilities through Round the clock Health Centre.
- Establishing and operationalizing a secondary care multi-disciplinary super specialty 25 bedded hospital at Oshapada.
- Round the clock Ambulance Service – 4 Ambulances including 1 Critical Care Ambulance.
- Provided an ambulance to CHC, Kashipur
- Supply of assets to PHC (New) at Tikiri and Kucheipadar.
- Creation/Maintenance of drinking water sources (113 Tube well / dug wells installed, 39 tube wells repaired, three spring based water supply systems, two villages supplied with tank water during summer.
- Construction of Individual Household Toilets (1217 nos.) under Project Swachata.

- Development of Commercial Vegetable Farming under Project Samriddhi.
- Establishment of Garment Manufacturing Unit under Project Saksham for engaging and empowering the local women.
- Operation of Tailoring Training Centre under Project Kaushalya.
- Employment of Rural Women under Project Samartha for production of Phenyl, Paper container (Thunga), Dry snacks & Mushroom.
- Providing Solar Electrification to 254 house hold in 6 villages in collaboration with TERI & Mahashakti Foundation.
- **Basic Village Infrastructure Development -** Culvert, Irrigation Channel, Rest shed, School Boundary, Drain, Community Centre, Steps to River, Weekly market platform, Sitting Altar, Pond & Cement Concrete Road.
- Provision for Homestead Land and Pucca House with individual toilet in the R&R colony.
- Provision of electricity (with backup power supply) and street lighting in the R&R colony.
- Piped water supply through Over Head Tank in the R&R colony.
- Black topping Road with Drainage facility in the R&R colony.
- Provision of Deity place for worship, Community Centre, School Building, Free health care service & Funeral Ground in the R&R colony.

8.3 EMPLOYMENT POTENTIAL :

During post expansion; the total direct employment potential of the project after the proposed expansion will be about 3600 nos.; out of which about 2500 nos. will be contractual employee and about 1100 nos. will be direct employees with 220 nos. in management category, 280 nos. in supervisory level and 600 nos. workmen. Preference will be given to the locals depending upon their qualification and experience for employment for suitable position.

In addition to the above requirement it is envisaged that an equal no. of people will also get indirect employment through other developmental activities due to the project which includes but not limited to transportation business, in travel agency, as house hold domestic help, in auto mobile repairing garages, different shops in the market etc.

8.4 OTHER TANGIBLE BENEFITS:

- Besides above, indirect accrued benefits are envisaged have also accrued to the region by way of increase in agriculture and industrial production.
- Development of the local area in terms of an enlarged market will provide the local farmers with a good outlet of their agricultural products to enjoy the price effect, which is likely to be strong enough to offset the impending local inflations through real-balance effect.

Thus, it is envisaged that the proposed expansion of Alumina Refinery along with Cogeneration Power Plant will usher in the social and economic up-liftmen of the persons living in the vicinity of the project in particular and the society in general.

CHAPTER – 9 ENVIRONMENTAL COST BENEFIT ANALYSIS

[Not recommended at the "Scoping Stage"]

CHAPTER – 10 ENVIRONMENTAL MANAGEMENT PLAN ADMINSTRATIVE ASPECTS

10.0. ENVIRONMENTAL MANAGEMENT PLAN (ADMINISTRATIVE ASPECT)

10.1. Administrative Aspect – Implementation of Mitigation Measures and Monitoring its Effectiveness:

The implementation of environmental management plan needs suitable organization set up and the success of any environmental management plan depends on the efficiency of the group responsible for implementation of the program. Regular monitoring of environmental parameters is also necessary to evaluate the effectiveness of the management program so that suitable preventive/ corrective actions can be taken in case there are some gaps in the proposed program.

It is proposed to carryout regular environmental monitoring to provide information to the management for periodic review and alteration of the environmental management plan as necessary so as to ensure that environmental protection is optimized at all stages of the project. It will inform the management of the status of the environment vis-à-vis the progress of the project, and the way activities are carried out within the plant.

Environmental Monitoring is required before and during the project construction and subsequent commissioning stages to obtain baseline information about environmental quality before actual operation begins. Monitoring is also required during the operation stage to examine periodically the impact of the operation on air/water quality (Surface and Groundwater), native species (flora and fauna), contamination of soil, and human health (both at the workplace and the surrounding community).

It is proposed that M/s Utkal Alumina International Ltd. will implement Environmental Management System (ISO: 14001: 2015). It is also proposed to integrate Environment Management System with Quality Management System (ISO: 9001: 2015) and Occupational Health and Safety Assessment Series (OHSAS: 18001: 2007).

Internal and external audits will be carried out periodically to review the effectiveness of the Integrated Management System.

The protocols will be formulated with declaration of the basis for subsequent interpretation, especially if statistical analysis is to be used, or if the results are likely to be used to demonstrate compliance. Monitoring results will be interpreted by an expert and passed on to higher management for information and necessary action.

The compliance with regulation is one of the objectives of monitoring and the analytical requirements will be taken care of. Undesirable environmental impacts can be detected at an early stage through regular monitoring; and remedial measures will be taken accordingly. Monitoring also serves to identify economic loss of materials and general operating inefficiencies, if any.

Monitoring program will depend on the site given the diversity of climates, ecosystems, land usage, topographies and social factors. The monitoring program will identify the actions need to be taken to ensure acceptable environmental performance. Environmental monitoring of different parameters (as detailed in Chapter-6) will be done regularly and the activities will be coordinated by the Environmental Management Cell (EMC).

10.2. Corporate Environmental Policy :

The management has proactively initiated and developed the Environmental Policy, which is relevant to its activities, products, services and their environmental effects.

HINDALCO always accords highest priority to Environmental protection, societal development and human rights issue. Accordingly, HINDALCO has formed a sustainability cell at the corporate level to oversee the HSE Policy and implementation of corporate philosophy in all the operations. The Corporate EHS Policy is given below:

ADITYA BIRLA
HINDALCO

HINDALCO MANAGEMENT FRAMEWORK
excellence by design

ENVIRONMENT POLICY

We, at Hindalco Industries Limited, operating across the process chain from mining to semi-fabricated products in non-ferrous metals, will strive to continually improve our environmental performance for sustainable operations and responsible growth globally, by integrating sound environmental systems and practices.

To achieve this, we shall :

- Continue to comply with all applicable legal requirements on environment.
- Continually improve environmental performance by strengthening the Environmental Management System conforming to national/international standards, including setting up and reviewing targets and measuring, monitoring and reporting their progress.
- Allocate sufficient resources such as organisational structure, technology and funds for implementation of the policy and for regular monitoring of performance.
- Adopt pollution prevention approach for all our processes; enhance material efficiency and achieve high productivity.
- Conserve key resources like electricity, coal, water, oil, and raw materials, by promoting efficient technologies and manufacturing process improvements, water conservation programmes, and efficient use of raw materials.
- Adopt energy efficient and cleaner technologies based on techno-economic viability, appropriate to the region in which we operate, and in line with our growth and diversification plans.
- Promote the principles of waste prevention, reduction, reuse, recycling and recovery to minimise waste generation and strengthen the practices for management of wastes.
- Work in partnership with regulatory authorities, relevant suppliers, contractors and all stakeholders, as applicable, to understand and initiate improvement actions.
- Adapt environmental performance over life cycle as an important input to the decision-making processes in the organisation.
- Raise environmental awareness at all levels of our operations, through training and effective communication, participation and consultation.
- Develop and follow appropriate communication system to inform the stakeholders, as applicable, about our environmental commitment and performance.

This policy shall be made available to all employees, suppliers, customers, community and other stakeholders, as appropriate.

Satish Pai

Satish Pai
Managing Director

19th November 2016

HINDALCO INDUSTRIES LIMITED

The site specific Environmental Policy w.r.t. Alumina Refinery of Utkal Alumina International Ltd. is given below;

ADITYA BIRLA
UTKAL ALUMINA

HINDALCO MANAGEMENT FRAMEWORK
excellence by design

ENVIRONMENT POLICY

We, at Utkal Alumina International Limited, will strive to continually improve our environmental performance for sustainable operations and responsible growth globally, by integrating sound environmental systems and practices.

To achieve this, we shall :

- Continue to comply with all applicable legal requirements on environment.
- Continually improve environmental performance by strengthening the Environmental Management System conforming to national/international standards, including setting up and reviewing targets and measuring, monitoring and reporting their progress.
- Allocate sufficient resources such as organisational structure, technology and funds for implementation of the policy and for regular monitoring of performance.
- Adopt pollution prevention approach for all our processes; enhance material efficiency and achieve high productivity.
- Conserve key resources like electricity, coal, water, oil, and raw materials, by promoting efficient technologies and manufacturing process improvements, water conservation programmes, and efficient use of raw materials.
- Adopt energy efficient and cleaner technologies based on techno-economic viability, appropriate to the region in which we operate, and in line with our growth and diversification plans.
- Promote the principles of waste prevention, reduction, reuse, recycling and recovery to minimise waste generation and strengthen the practices for management of wastes.
- Work in partnership with regulatory authorities, relevant suppliers, contractors and all stakeholders, as applicable, to understand and initiate improvement actions.
- Adapt environmental performance over life cycle as an important input to the decision-making processes in the organisation.
- Raise environmental awareness at all levels of our operations, through training and effective communication, participation and consultation.
- Develop and follow appropriate communication system to inform the stakeholders, as applicable, about our environmental commitment and performance.

This policy shall be made available to all employees, suppliers, customers, community and other stakeholders, as appropriate.

N. Nagesh
Unit Head & President

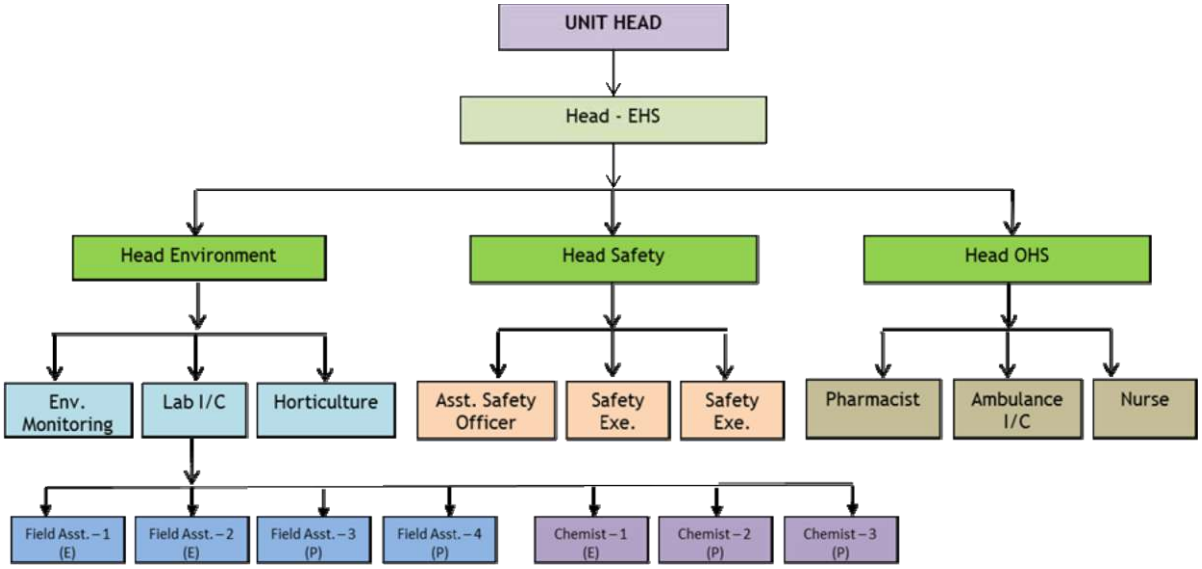
19th November 2016

UTKAL ALUMINA INTERNATIONAL LIMITED

The existing Environmental Policy will be implemented through standard operating processes / procedures and bring into focus any infringement / deviation / violation of the environmental or forest norms / conditions. All operational activities are covered by SOP or SMP. These SOP & SMP cover all Safety and Environmental impacts which are likely to be caused by the particular activity and necessary action plan to mitigate the same.

10.3. Hierarchy for Environmental Management: Figure No. 10.1

Hierarchy for Environmental Management



Note : E – Existing, P – Proposed.

In order to take care of the administrative aspects for implementation of mitigation measures and monitor its effectiveness an **Environmental Management Cell (EMC)** is already in place which will be strengthened further to take care of the proposed expansion.

Hierarchy of EMC:

The existing manpower vis-à-vis post expansion manpower requirement of the EMC is given in the following table.

Table No. 10.1 Hierarchy of EMC

Sl. No	Post	Existing	Proposed	Total
1.	Unit Head	1	-	1
2.	Head – EHS	1	-	1
3.	Head Environment	1	-	1
4.	Head Safety	1	-	1
5.	Head OHS	1	-	1
6.	In-charge Environmental Compliance	1	-	1
7.	Laboratory In-charge	1	-	1
8.	In-charge Horticulture	1	-	1
9.	Asst. Safety Officer	1	-	1
10.	Safety Executive	2	-	2
11.	Pharmacist	1	-	1
12.	In-charge Ambulance	1	-	1
13.	Nurse	1	-	1
14.	Field Asst.	2	2	4
15.	Chemist	1	2	3
Total		**17**	**4**	**21**

Activities of EMC:

The Environmental Management Cell (EMC) has the overall responsibility for coordination of the actions required for environmental management and mitigation, and for monitoring the progress of the proposed management plans and actions to be taken.

The cell is under the overall control of the Unit Head, and responsible for monitoring of the implementation of the various actions which are to be executed by the agencies specified in the EMP.

The cell reports on a daily basis to the Unit Head & President. The Cell is headed by the Head of ESH and the other members of the cell will include a qualified Environmental Engineer, Chemist, Laboratory Assistants, Horticulturist or agricultural scientist and field assistants.
The EMC prepares formal monthly report on environmental management and mitigation for the Top Management. Reports on any urgent or significant issues are prepared at shorter intervals. Apart from responsibilities listed above, the EMC is also having the responsibility for the following;

- Sampling and analysis of environmental parameters (as mentioned in Chapter-6) by in-house facility or through Third Party Agencies.
- Carrying out trend analysis of the monitoring results for initiating appropriate corrective actions in case of deviation beyond the norm and conducting Environmental Audits and External Audits as well.
- Communication and reporting to the Top Management about the environmental issues in general and effective implementation of mitigation measures in particular.
- Conducting awareness campaigns and training sessions for employees and communities around the plant for improving involvement levels of people from all strata of life. Observing and Celebrating WED, Van Mahotsav, NPPD etc.

10.4. Capacity Building :

Capacity building of the employees is an important aspect for successful implementation of Environmental Management Plan (EMP).

Basic Consideration:

The Plant operation involves sophisticated machinery, equipment and controls. Personnel employed in the operation and maintenance of the machinery and equipment need to be trained so that quality product is produced in a sustainable manner at the lowest possible cost ensuring safety and least possible environmental impact.

Objectives of the Training Program:

The objectives of the training program are:

- To achieve smooth start-up of the proposed expansion project.
- To achieve production norms as early as possible.
- To eventually operate the plant efficiently with all the mitigation measures in place.

General Training:

The training program of each trainee will have certain common features besides training in special aspects for their respective fields of activity. The general training will cover broadly the following;

- The Environment, Health & Safety aspects of their respective sections and precautions to be taken.
- Appreciation of the functions of various units.
- Familiarization with equipment of their respective sections including the names of important control and operating parts.
- Pre-start-up inspection procedure of equipment.
- Preparation for startup of machineries of their respective sections.
- Startup procedure of the machineries of their respective sections.
- Routine operation work that they have to look into.
- Shut down procedure to be followed for equipment of their respective sections.
- Procedure for attending urgently to critical equipment of their respective sections at the time of sudden stoppage due to power failure. Or any breakdown condition.

Training on Emergency Preparedness:

Special training program will be arranged in regular intervals to combat emergency scenarios that may occur during the plant operation that may cause severe safety or environmental issues.

10.5. Mechanism for Reporting of Non-compliances

The company has the system of reporting non-compliance/violations of environmental norms to the Board of Directors of the company. This is detailed as below;

- An online compliance management system has been devised by the company to report any non-compliance/ violations of environmental laws and norms. Any deviation reported through the online system, is reviewed at the corporate legal cell and is brought to the notice of the MD and the Board of Directors.
- In case of any non-compliance / violation, the Head of ESH brings the same to the notice of Unit Head immediately with root cause analysis and proposed corrective action for mitigation of the adverse effects if any due to such non-compliance/violation and preventive action to ensure non repetition of the same.
- The non-compliance/violation of environmental norms after being reported is discussed in the Environment Management Committee formed at the unit level and constitutions all departmental heads as members with the Unit Head as the Chairman of the same. The root cause analysis along with proposed CAPA are discussed and put forth for implementation at site.
- The Unit Head reports the matter to the Managing Director along with his comments.
- The Managing Director puts the issue of non-compliance/violation along with root cause, proposed corrective / preventive action and comment of the Unit Head; before the Board of Directors for consideration / decision on the issue so as to ensure compliance. The Board of Directors also decides about its environment related policy/plan of action and a formal resolution is made in this regard.

③ The organization is aware of the procedures laid down vide MoEF&CC Office Memorandum No. J-11013/41/2006-IAII(I) dated 12.12.2012, Office Memorandum No. J110 13/4112006-IA.II(I) dated 27.06.2013 and Notification No. S.O. 804(E) dated 14.03.2017 in this regard.

CHAPTER - 11

SUMMARY & CONCLUSION

11.0 SUMMARY & CONCLUSION:

INTRODUCTION:

Utkal Alumina International Limited, a 100% subsidiary of Hindalco Industries Limited of the Aditya Birla Group, at present operates a 1.5 MTPA Alumina Refinery Complex with 90MW Co generation Power Plant at Doraguda (Kashipur Block) in Rayagada district of Odisha and intends

to expand the capacity of the Alumina Refinery to 3.0 MTPA with 150MW Co generation Power on the existing land.

The total project cost is estimated as Rs.5432.00 Crores. Project completion schedule is estimated to be about 60 months from the date of approval. Utkal Alumina International Limited has acquired 1069.51ha. (2642.76 Acres) land from villages Doraguda, Kucheipadar, Tikarapada and Bhitaramuchukuni. The total fresh raw water requirement for 3.0MTPA Alumina Refinery Complex is about 20,000 m^3/day (i.e. 10,900 m^3/day for Alumina Refinery, 8,500 m^3/day for Co-generation Plant, 100 m^3/day for Plant domestic use, 300 m^3/day for domestic use in colony & 200 m^3/day Treatment loss). The required quantity of water will be drawn from San River near village Kathakal which is about 9.7 km (Aerial) from the Alumina Refinery Complex; for which permission has already been accorded. The present manpower strength is 2500 (i.e. 725 direct employees and 1775 contractual workforce). It is envisaged that during post expansion total manpower requirement will be about 3600 (i.e. 1100 direct employees and about 2500 contractual workforce).

Alumina extraction from Bauxite is done by Bayer's Process using medium pressure digestion. Bauxite is digested in a caustic soda solution where the alumina dissolves to form soluble sodium aluminate while the impurities in the bauxite remain in the solid phase. The digestion residue is separated from the process liquor by classification, sedimentation and filtration, washed, filtered to remove entrained caustic and discarded as cake known as red mud. Alumina dissolved in the liquor during the digestion process is precipitated on seed crystals as alumina tri-hydrate. These are separated from the caustic liquor and classified according to size. The finer fractions are returned to the process as seed. The remaining coarse particles are washed to remove caustic soda from alumina hydrate. The alumina hydrate is then calcined to drive off free moisture and water of crystallization to yield alumina. The caustic liquor is recycled via an evaporation unit.

Both the steam and power required for the process will be met from its Co-generation Power Plant.

DESCRIPTION OF THE ENVIRONMENT:

The study area is considered as 10 km radius of the proposed expansion project site. The site is located at Doraguda, in the district of Rayagada in the state of Odisha. The geographical location of the project site is Latitude 19° 11' 23" N and Longitude 83° 01' 43" E. The nearest NH-326 is at a distance of 30 km from North West direction of the project site. The nearest railway station Tikri is at distance of 07 km from East-South East of the site.

The baseline study area is sub-divided in to; a) Core Zone and, b) Buffer Zone. The project area is core zone. The Buffer zone is considered to be an area of 10.0 km radius around the project site.

Baseline data was collected from 1st March, 2017 to 31st May, 2017. The baseline study covered monitoring of Ambient Air Quality, Noise Level, Water Quality (both Surface & Ground), Soil Quality, Ecology and Socio-economic Study.

During the study period the pre-dominant wind direction flow was from South West to North East. Ambient Air Quality Monitoring (AAQM) Stations were set up at eleven locations basing up on predominant wind direction. Monitoring was carried out at a frequency of two days per week at each location. The duration of sampling for PM_{10}, $PM_{2.5}$, SO_2 and NO_x were 24 hour basis, whereas CO monitoring was conducted on hourly basis. It is observed that the maximum 98th percentile value of PM_{10}, $PM_{2.5}$, SO_2, NO_x and CO are 71.7 µg/m^3, 40.1 µg/m^3, 23.8 µg/m^3, 25.1 µg/m^3& 0.33 mg/m^3 respectively which are within the limit as prescribed by NAAQS(National Ambient Air Quality Standard).

The day noise levels have been monitored in 12 nos. of stations during 6 am to 10 pm and night levels during 10 pm to 6 am at all the locations covered in 10 km radius of the study area. The maximum noise level measured 67.1 dB(A) at daytime whereas the maximum noise level measured 60.3 dB(A) at night time which are well within the limit as prescribed by CPCB. In order to assess the surface water quality, surface water samples at 10 nos of locations were collected and tested for critical parameters. The analytical results of the samples were compared with the surface water standard IS-2296-1982, Class-C and all the results were found to be within the prescribed standards.

The ground water samples have been collected at 8 nos of locations and tested for critical parameters. The analytical results of the samples were compared with the drinking water standard IS : 10500 and found to be within limit.

In order to assess the quality of the soil of the project area, soil samples at 10 nos of locations were collected and analyzed. It has been observed that the texture of soil is sandy Loam, sandy clay Loam, clay Loam, sandy clay and Loamy sand. It confirms that the study area comprises different textures of soil. The electrical conductivity indicates that the ionic content of the soil samples are within the limits that does not harm the crops. In almost all the soil samples, it is found that the nutrients N, P and K are in good quantity indicating that the soil surrounding the project area.

The total forest area involved in this project is 104.335 ha. for which forest clearances has already been obtained and approved 'Site Specific Conservation Plan and Wild Life Management Plan' are already in place.

There is no National Park/Wildlife Sanctuary/Biosphere Reserve/Tiger Reserve/Elephant Reserve/Migratory Corridors of Wild Animals etc. in the core and buffer zone of the project.

The socio-economic study is based on the information collected from secondary sources like the Census of India, 2011 and field visit with sample questionnaire and relevant answer from local community. The study is centered upon socio-economic parameters viz. demography, occupational structure, work force participation, medical facility, communication facility, literacy etc. of the study area. Information regarding the skilled and unskilled manpower available in the study area has also been collected.

Social Impact Assessment (SIA) study has been carried out for environment sustainability and CSR related issues. No R&R issues are involved the proposed expansion is going to take place within the already acquired land and no extra land need to be acquired.

The demography of the study area has been extracted from census data 2011 of Rayagada district. There are 67 no of villages in the buffer zone. Total house hold of the area is 8821 nos. with total population of 36680. Total male population is 18088 and female population is 18592. As per Census 2011 the sex ratio of the area is 1028 females per 1000 of male population. Total SC population of the area is 6925 (19%) with 3412 male and 3513 female. Total ST Population of the area is 21086 (57%) with 10318 male and 10768 female. Population below 6 years is 6365 with male of 3189 and female of 3176.

The proposed expansion project is likely to create impact on the environment in two distinct phases i.e. Impact during Construction phase which is temporary and short term and Impact during Operation phase which has long term effects.

Impact due to Construction Phase:

Construction phase activity involves infrastructure development like leveling/grading to bring the site to a condition for commencing of Construction Work, Civil Construction i.e. foundation work and super structure for plant facilities, erection of boilers, equipment for alumina refinery, laying out of pipe lines, laying of electrical cables and drainage system etc. As it is a brown field project, the impact due to construction activities such as Site Development, Civil & Structural Work, Source of Construction Materials, Housing & Other Human requirements will be less.

Similarly, emissions of air pollutants due to movement of vehicles used for transportation of men & materials and operation of construction equipment during construction phase expected to degrade the air quality, primarily in the working environment there by affecting the construction employees. However, due to sprinkling of water on roads and covering tarpaulins on vehicles to be used for transportation of construction materials the impact in construction activities will be much less. The present roads are concreted or blacktopped for proposed movement of traffic.

During the construction phase of proposed expansion project total water requirement is estimated at 150-200 m^3/day on an average for construction of civil work, dust suppression and drinking purpose which will be sourced from the existing plant water supply system.
Waste water generated during construction phase will be mainly due to domestic activities.
The construction workers will use existing infrastructure of the plant and domestic effluent will be discharged to the existing STP. As present the unit is sourcing water to the tune of about 50% of the sanctioned capacity, hence there will be no additional impact on the source during construction phase; which is 1% of the total sanctioned quantity. Already settling pond has been provided at storm water drains of existing plant to reduce the suspended solids content of storm water.

The general noise levels due to construction activities such as welding, fabrication, and erection of equipment and machinery installation may sometimes go up to 80-90 dB (A) at the work sites during day time for very shot interval. Use of Protective Equipment will mitigate any adverse impact of noise on the construction workers. However, these impacts are short term, intermittent, temporary, reversible in nature and limited to construction site area.

Construction phase, solid waste such as excavated soil, debris, metal cutting, cotton waste, oil and grease from machineries/vehicles used in construction etc. will be generated. The excavated top soil will be stored with grass turf and will be used for back filling/road work/plantation. The generation of solid waste during construction phase will be temporary in nature and will be confined to the construction site only. Hence the impact due to this will be insignificant, reversible and short term in nature.

The construction will involve generation of a lot of employment, both direct & indirect, which will have positive impact on the economy of the study area. But these impacts will be temporary and will revert close to the original conditions once the construction work is over and the temporary labor force is withdrawn.

Main aspects and activities during operation phase of the expansion cum modification project having potential for inducing environmental and/or social impacts comprises of transportation, handling and storage of bauxite ore, Coal and other raw materials, plant process, product handling & storage. In addition to this impact is likely due to operation of Co-generation Plant, handling and storage of Red Mud and Ash, operation of auxiliary facilities.

The major pollutant emissions from Refinery are from combustion of fuel and emission of fine particles (particulates) from production processes and dust blown from exposed areas. The sources of emissions in the refinery include Boilers, Calciners, Digestion blow-off, Mills vents & Hydrate vacuum exhaust.

Gases and particulates are emitted at the milling and digestion parts of the process. The gases are generated as a result of the digestion of organic material at high temperatures. Particulates are also emitted from the Calcining process and the subsequent handling of alumina.

Particulate emissions(PM_{10}& $PM_{2.5}$), Sulphur dioxide(SO_2) and Oxides of Nitrogen(NO_x) are considered for predictions of ground level concentration from the refinery plant along with the Co-generation Power Plant power plant. The incremental ground level concentrations from the proposed facilities have been estimated by dispersion modelling.
Marginal increase in traffic density as detailed above may marginally increase the pollution level in the ambient air due to emission of dust from the roads and uncovered trucks, as well as emission of exhaust gases from the vehicles. However, this problem will be overcome by regular maintenance of vehicles, transportation of materials under cover and regular sprinkling of water on the feeder roads and roads inside the plant. The impact on Air Environment due to increase in traffic density has been predicted through air quality modelling.

The following steps will be implemented as air pollution control measures :

- The maintenance of the air pollution control equipment at the required intervals result in reduction in pollution load vented through the stacks;
- Dust suppression systems presently in use will continue to be used;
- Regular monitoring of the air pollution control system by the environmental cell resulted to compliance in operation parameters resulting in less generation of pollutants.
- Continuous Online Stack Monitoring System has been installed in existing stacks of power plant and Calciner for parameters SO_2, NO_x& PM and data are being transmitted to SPCB & CPCB Servers. Same system will be adopted for proposed expansion proposal.
- Online Ambient Air Quality Monitoring stations 4 nos. have been installed in the plant premises for parameters PM_{10}, $PM_{2.5}$, SO_2, NO_x and CO and data are being transmitted to SPCB Servers.
- Ambient Air Quality continuously monitored through high volume air samplers in Ambient Air Monitoring Stations installed at 6 nos. surrounding locations as recommended by the pollution control board.
- ESPs shall be installed for proposed power plant boilers with design emission limits of 30 mg/Nm^3.
- ESPs shall be installed for Calciner with design emission limits of 50 mg/Nm^3.
- Stacks of adequate height are provided for CPP and Calciners for better dispersion of dust emissions.
- Bag filters with a dust collection efficiency >99% will be installed on coal handling, ash handling, bauxite crushing and alumina handling facilities to reduce the fugitive emissions.
- A network of dust suppression system is in operation by providing Water Spraying System using treated process effluents in the coal yard to mitigate the fugitive dust generated.
- Fly ash is conditioned with water sprinkling to suppress dust during handling and transport.
- Raw material and finish products transportation using rail network.
- Automated storage and reclaiming system is introduced for Bauxite and coal handling to reduce the dust exposure.
- Coal is being unloaded by Wagon Tippler and transported by closed type pipe conveyer.
- Bauxite is being transported in covered conveyer with DSS at transfer points to check Fugitive Emission.
- Red mud transport road and ash transport road is regularly sprayed with water to reduce fugitive dusting.
- Water sprinkling arrangements are implemented at red mud containment areas, ash disposal areas.

The major sources of noise during the construction phase are movement of vehicles & construction machineries like dozers, scrapers, concrete mixers, cranes, generators, pumps, compressors, rock drills, pneumatic tools, saws, vibrators etc. The operation of these equipment will generate noise ranging between 75-90 dB (A) near source which will have significant impact on the existing ambient noise levels. The major work will be carried out during the daytime.

The construction equipment may have high noise levels, which can affect the personnel, operating the machines. Use of personal protective equipment will reduce significant impact on human health.

These noises will be generated mostly within the proposed plant boundary and will be transient in nature. Due to the proposed greenbelt all around the periphery of the plant boundary, these noises will be attenuated to a large extent and are not likely to have any significant impact on the nearby villages.

During the normal operation of various plants, boilers, turbines, compressors, purging and blow downs, the ambient noise levels are expected to increase significantly with the attributes of the respective equipment, but these noise will be restricted close to the concerned equipment.

Major noise generating sources within the proposed refinery are identified. The major noise sources are blowers, feed pumps, air compressors, FD/ID fans, Vacuum pumps, motors mills, calcination units etc. The noise levels at the source for these units will be in the range of 76 – 106 dB(A).

In operation phase the following mitigation measures will be adopted for minimizing the impact of noise.

The equipment in the alumina refinery and CPP shall be selected based on specifications for meeting 75dB(A) at 1-m distance.

- All the high noise generating equipment shall be provided with enclosures.
- All the workmen in the noisy areas shall be provided with PPE like earmuffs, ear plugs. o Proper maintenance of the vehicles shall be taken up to reduce the noise emission from the vehicles. o All rotating equipment will be well lubricated and provided with enclosures as far as possible to reduce noise transmission. Extensive vibration monitoring system (Condition Monitoring) will be provided to check and reduce vibrations. Vibration isolators will be provided to reduce vibration and noise wherever possible.
- In general, noise generating items such as fans, blowers, compressors, pumps, motors etc. will be selected which produce minimum noise. Static and dynamic balancing of equipment will be insisted upon and will be verified during inspection and installation.
- Provision of silencers shall be made wherever possible.
- Blowers/Compressors to be housed in sound proof buildings.

Water is one of the major inputs for power generation and alumina production process. Its major use is in process cooling, process consumption and steam generation, while domestic requirement are marginal. Required water during the operational stage will be met from existing plant.

The water conservation measures include Process Optimization, Reuse of Waste Water & Rain Water Harvesting.

Red Mud is the process waste which is generated during the extraction of Alumina from Bauxite by Bayer's process. The major quantity of Red Mud is generated during Red Mud separation through clarification by decanters and Deep Cone Washers.

Presently the Red Mud is being pumped directly to the Red Mud Pond through High Concentration Slurry Disposal System with 60% solid concentration. Red Mud disposal has been combined through thickened tailing disposal technique of Alcan. This is disposed of by GEHO pumps (positive displacement pumps) to the designated red mud disposal area (Red mud Pond) which is located at about 2.5-km North of the Alumina Refinery Main Plant.

The dust prone areas are sprayed on regular basis with water from the holding pond using mobile tanker mounted sprinklers.

The entire RMP is divided into 4 parts. Such as Pond A, Pond B, Pond C, & Pond D. Out of which Pond A & B is meant for **Mud Storage** and Pond C & D are meant to **store Return Water**, supernatant liquid collected from the Mud Storage Pond (Pond A & B) through decant wells. At present Pond A (Mud Storage Dam) and Pond C (Return Water Dam) are in line, Pond B under construction & D has been constructed. Pond C & D are fully lined with HDPE liner.
The supernatant water is reused in process.

The 1/3rd of the Pond-A Mud Storage Dam (Wet Zone) is lined with Clay along with 1.5 mm thick single layer HDPE liner. The other 2/3rd of the Pond-A Mud Storage Dam (Dry Zone) is lined with clay liner. The Pond-C (Return Water Dam) is fully lined with Clay and 1.5 mm thick single layer HDPE liner. Similar arrangements are also provided in Pond B (Mud Storage Pond; same as Pond A) and Pond D (Return Water Pond; same as Pond C).

Other facilities such as Decant Wells, Leachate Drain, Mud Placement, Pumping, Spillways, Subsoil drainage & Runoff drainage network have been provided.

There is no discharge from Red Mud Pond.

However, the industry has already taken steps to switch over from HCSDS to dry disposal system by installing Red Mud Filtration Plant. The filtrate will be recycled to the process area for re-use in the system and the Red Mud Cake (20% moisture) will be conveyed by belt conveyer for utilization / disposal in the Red Mud Pond. Fixed type water sprinklers will be installed at the RMP to suppress dust.

The Red Mud Filtration Plant is already installed with plate and frame filters for red mud filtration which will increase the life of the existing red mud pond by achieving mud disposal from 60% (W/W) solid concentration to 80% (w/w) solid concentration.

The Red mud slurry will be tapped from the existing slurry pipe line from the slurry holding tanks. Two slurry holding tanks have been envisages for stirring the red mud. From these tanks the red mud will be fed to red mud filters. Each filter is provided with one dedicated filter feed

pumps. Filrate from the filters shall be collected in 02 nos filtarte tanks and pumped up to the battery limit. The filtered cake will be collected in the dedicated individual belt conveyors and discharge to a common conveyor for disposal to pond A through tripper conveyor. Two filter squeeze wash tanks have been envisaged for storing the squeeze water for the filters, squeeze water will be pumped to filters by squeeze water pump. Filtered water will be used as cloth washing purpose. All the drains will be routed to area sump equipped with an agitator & a sump pump.

Fly Ash is generated during combustion of coal in the Co-generation Power Plant. The ratio of Ash generation is Fly Ash : Bottom Ash is 80% : 20%. The fly ash from the proposed boiler will be collected in economizer hoppers, air heater hoppers, ESP hoppers and will be conveyed through dense phase pneumatic conveying system to silo. It is envisaged to dispose the fly ash to ash disposal ponds.

Major portion of fly ash will be used for land filling, plantation site development, horticultural activities and supply to brick manufacturing units.

Fly ash will be disposed-off by **HCSD (High Concentration Slurry Disposal) System**.

The Solid Waste from the Residential Colony will be managed in accordance with Solid Waste Management Rule, 2016. The management plan for solid waste of the residential colony is as follows:

- The solid waste generated will be segregated in three separate streams and kept in suitable bins marked as follows; o Bio-degradable Wastes o Non-biodegradable Wastes o Domestic Hazardous Wastes.
- The segregated wastes will be handed over to authorized waste pickers or waste collectors as per the direction or notification by the local authorities from time to time.
- Necessary precaution will be taken to minimise nuisance of odour, flies, rodents, bird menace and fire hazard;
- The biodegradable domestic solid waste will be vermin composted as per the SOP laid down in Solid Waste Management Rule, 2016 and the compost manure will be utilized in the garden and greenbelt.

The hazardous wastes envisaged to be generated from different sources & their management are furnished below:

Used or Spent Oil: Generated during Maintenance activities of plant and machineries including Compressors. Hydraulic System and Gear boxes of various drives. Storage in containers under covered shed followed by sale to recycler/re-processor authorized by SPCB.

Wastes or Residues Containing Oil: Generated during cleaning of spent / oil and grease storage bins. Storage in an impervious pit/containers under covered shed followed by disposal in

authorized hazardous waste incinerator/Common Hazardous Waste Treatment Storage Disposal Facility (CHWTSDF).

Empty barrels/containers/liners contaminated with hazardous chemicals / hazardous wastes:
Generated during emptying of containers containing hazardous chemicals / hazardous wastes. Storage inside covered shed followed by disposal through original supplier or recycler/reprocessor authorized by SPCB.

Sludge containing oil during cleaning, emptying of oil storage tanks: Cleaning of oil storage tank. Storage in impervious pit/containers under covered shed followed by sale to recyclers of waste oil authorized by SPCB/disposal in hazardous waste incinerator/(CHWTSDF).

Contaminated Cotton rags or other Wastes contaminated with oil: Generated during handling /cleaning of oil. Storage in impervious pit/containers under covered shed followed by sale to recyclers authorized by SPCB/disposal in hazardous waste incinerator/(CHWTSDF).

Spent Resin: Spent Resins are generated from DM Plant Ion- exchangers after expiry of the life of resins. Storage in impervious pit/containers under covered shed followed by sale to recyclers authorized by SPCB or final disposal in Authorized HW incinerator/(CHWTSDF).

The industries shall comply with the general as well as specific conditions laid down in the hazardous waste authorization and of the requirements of Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016.

The construction activities do not need clearing of major vegetation except wild bushes and weeds. Further, canteen facility with LPG fuel will be provided to the construction workers.
Therefore, impact on terrestrial ecology is insignificant.

The plant will continue to run on Zero Discharge Concept and there will be no discharge to local water bodies to deteriorate water quality and aquatic flora & fauna. Therefore, it can be said that construction activities will not affect the aquatic ecology.

The main sources of air pollution from the proposed plant would be from the stack emissions of process/calcination and power boilers. The pollutants from the proposed plant include Sulphur-di-oxide, Oxides of Nitrogen and Suspended Particulate Matter. The resultant ambient air levels for SO_2 and SPM after the implementation of the preventive pollution control measures will be well within the NAAQ Standards prescribed by the CPCB for industrial residential and rural areas. Hence, adverse impact is not anticipated on the terrestrial ecology of the area.

Implementation of afforestation program is of paramount importance for any industrial development. In addition to augmenting present vegetation, it will also check soil erosion, make the ecosystem more complex and functionally more stable, make the climate more conductive and restore water balance. It can also be employed to bring areas with special problems under vegetal cover and prevent further land deterioration.

The main objective of the greenbelt is to provide a barrier between the plant and the surrounding areas. The greenbelt helps to capture the fugitive emissions and to attenuate the noise generated in the plant apart from improving the aesthetics of the plant site. Hence, it has been programmed to plant @ 1500 nos. of local trees per hectare covering an area of about 33% of the total area.

It is envisaged that, there will be marginal increase of vehicular traffic during construction phase due to movement of labour force which is temporary in nature. So far as the operation and post operation phase is concerned; in order to mitigate the impact due to traffic movement the following steps will be taken;

- The present practice of Bauxite transportation will continue through the LDC.
- Transportation of other major raw materials such as coal, lime, caustic, furnace oil etc. will be transported through the same rail network as being practiced for the existing facility.
- The dispatch of Alumina from the plant will be through rail network using BTAP Wagons.
- So far as the project activities are concerned; the road transportation will be used only in emergency situation and for transportation of minor inputs such as flocculants, machinery and spares etc.
- The company will provide to & fro bus services for conveyance of its employees. The management cadre personnel will use carpool system for to & fro conveyance to the plant.
- Sufficient parking space will be provided for the vehicles.
- It will be ensured that, all the vehicles entering the plant should have Pollution Under Control Certificate and Bharat Stage – IV compliant. The periodic maintenance of the vehicles will be carried out to be ensure compliant with Bharat Stage – IV & PUC.
- The existing road network is sufficient to handle the traffic load.

Preventive Measures for Occupational Health:

- In the principle of “prevention is better than cure” adequate provision of suitable pollution control devices are incorporated in the process system to limit the various pollutants within the specified standards.
- Suitable dust suppression measures have been adopted for prevention and control of dust emission from the raw material handling areas.
- The workmen in the dust prone areas will be provided with respiratory masks. Hence, there will not be any significant effect due to emissions.
- The possibility of disease being caused due to polluted water is ruled out as the waste water generated will be recycled/ reused in the process fully.
- Workmen in the DM water plant handling acids, alkalis, resins will use suitable personal protective equipment like hand gloves, goggles, face masks, aprons etc for safe handling of chemicals.

The following measures will also be taken up for management of risk and associated occupational health aspects.

- Sites for construction and workers' camp would be clearly demarcated to prevent occupational hazards. Ensure provision for necessary basic needs and infrastructure facilities such as water & electricity supply, sanitary facilities, restroom, fuel etc. The above facilities will also be provided to workers & truck drivers during operational phase.
- Where gases or fumes are likely to be present in foundations, sufficient mechanical/artificial ventilation to protect the health and safety of persons working there, shall be provided. If necessary, the personnel working there shall be provided with respiratory protective equipment when work in such unhealthy conditions is to be carried out.
- Hazardous materials such as lubricating oil, compressed gases, paints and varnishes required during construction phase would be stored properly as per the safety regulations at isolated places.
- Accidental spillages of oil from construction equipment and storage sites would be prevented.
- It would be ensured that diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emissions as well as noise generation.
- In addition to pre-employment medical checkup; regular health check-ups will be conducted w.r.t occupational health.

Power plant up-gradation for better environmental performance and boiler efficiency, Energy and resource conservation are the two building blocks for sustainable development. Many projects have been taken in order to increase the energy efficiency and environmental performance of Co-generation Power Plant.

Detailed energy audit of the Co-generation Power Plant has been carried out. Energy saving policy has been adopted. An on-line energy monitoring system shall be installed. The Variable Frequency Drive will be provided in ID/FD fans and air cooling system is being implemented. The workshop building is pre-engineered to enable it to be built using minimum material and energy. Adequate transparent sheets are used to allow sufficient sunlight during day time. A Distribution Control System (DCS) shall be developed. This system can be progressively commissioned and its performance streamlined to achieve high plant productivity and low energy demand thus realizing the lowest specific energy consumption in all unit operations. It has been proposed for installation of solar energy units at street light in plant premises, residential areas, canteen, etc. Action is also being taken for conversion of all CFL lighting system to LED lighting system in future.

An Environmental Laboratory has been set up in the Alumina Plant of M/s. Utkal Alumina International Ltd., to take care of environmental monitoring work such as air (both dust & gaseous pollutants), noise, water, soil etc. as per requirement. The laboratory is well equipped with sophisticated equipment including glass wares for environmental monitoring as well as testing of various samples of the process. Experienced Lab Analyst/Environmental Scientists/

Engineers have been employed to carry out the necessary environmental monitoring work as per schedule.

The total capital investment on environmental improvement work is envisaged as Rs.255 crores which is 4.7% of the estimated cost of the project (Rs. 5432.00 Crores). The recurring expenditure estimated during the power generation is Rs. 5.5 crores /year.

The safety aspect is made on the basis of risk management which includes Identification, Assessment, Mitigation and Disposition of Risk. The risk information have been translated into planning decisions and mitigating actions (both present & future) so as to control of risk through implementation of appropriate control measures.

Hazard is defined as; "Source, situation, or act with a potential for harm in terms of human injury or ill health or a combination of these". It is an act or a condition in the workplace that has the potential to cause injury, illness, or death to a person and/or damage to company property, equipment and materials. Hazards include flammability, explosively, corrosiveness, toxicity and due to different activities have been considered.

Risk evaluation is carried out in three steps using several Risk Assessment techniques for Preliminary Hazard Analysis, Risk Assessment and Ranking & Threat Identification for High Ranked Risks. This is followed by the **Consequence Analysis with evaluation of the consequences** to qualify these hazards as credible hazard / most credible hazards. It is observed that fire hazard due to leakage / spillage from HFO tank is considered as the most credible hazard scenario.

The risk information is translated into planning decisions and mitigating actions (both present & future) so as to control of risk through implementation of appropriate control measures. Four steps such as Determination of BARRIERS for each threat, Determination of RECOVERY measures to reduce the impact of consequences due to occurrence of Top Event, Identification of ESCALATION FACTORS which will reduce the effectiveness or operation of barriers or recovery measures and implement additional measures to compensate for this factor &Linking the Barriers and Recovery Measures to HSE Critical Activities were considered for formulation of control measures.

On the basis of above an On-site Emergency Plan is prepared for the existing which is already approved by Directorate of Factories & Boilers, Odisha.

The Disaster Management Plan is linked with District Disaster Management Plan of Rayagada district Odisha. As per Schedule-5 *"The Manufacture, Storage and Impact of Hazardous Chemical Rules, 1989"* ; it is the responsibility of District Collector or District Emergency Authority designated by the State Government to prepare the **Off-site Emergency Plan** containing particulars as mention in Schedule-12 of the said Rule.

About 2.5% of the total project cost of shall be earmarked by the project proponent, towards Enterprise Social Commitment (ESC). Distinct ESC projects shall be carved out based on the local issues. Project estimate shall be prepared based on PWD schedule of rates for each distinct Item and schedule for time bound action plan shall be prepared. These ESC projects as indicated by the project proponent shall be implemented along with the main project. Implementation of such program shall be ensured by constituting a Committee comprising of the project proponent, representatives of village Panchayat & District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office.

Social Impact Assessment (SIA) study has been carried out for environment sustainability and CSR related issues. Measures to improve Socio-economic conditions is being implemented and reviewed periodically. With regards to Corporate Social Responsibility (CSR) Activities such as promotion of education, health care, sustainable livelihood, village infrastructure & social interventions are given more focus.

No further R&R issues are involved the proposed expansion is going to take place within the already acquired land and no extra land need to be acquired. The Rehabilitation & Resettlement (R&R) issues has already been taken care during land acquisition. Action is made towards RoR for the homestead land, provision of Pucca House with individual toilet, land compensation with Ex-Gratia amount, maintenance allowance, transportation allowance, cattle shed assistance, provision of electricity (with backup power supply) & street lighting, development of Community Centre, piped water supply through Over Head Tank, black topping Road with Drainage facility, free health care service and construction of School Building.

Tikiri is the serving railway station for the project of M/s Utkal Alumina International Ltd. In order to facilitate easy loading/unloading of materials from railway wagons within the plant boundary, separate railway tracks are provided for the loading/unloading. A road link from NH No.-326 (30 km) from Rupkona is connected to the Alumina Plant. In addition to the approach road to the Alumina Refinery all other necessary road links are provided to connect mines, Red Mud/Ash Disposal Area, Raw Water Pump House, Township and Tikiri (serving railway station). The water required for the project is drawn from San River located at about 9.0 km. from the project site. During post expansion stage power requirement of the Alumina Refinery will be met through a captive cogeneration plant of 150 MW capacity. In addition, Orissa State Grid will also be hooked up for drawing power up to 15 MW, from Jayanagar-Rayagada power transmission line, tapping point near Laxmipur (32 km), in case of any problem in power supply from the in-house Co-generation Plant for up to 15 MW at 220 KV. An independent telephone exchange is installed to cater to the requirement of the Refinery Complex. It is proposed to develop a full-fledged township comprising of housing facilities for plant, mines, security personnel and supporting staff and other amenities such as schools community center, guest house, health center, hospital, shopping complex, post office, bank etc.
Suitable provision shall be kept for future expansion of the township.

The following Social Infrastructures are already in place targeting at the 3.0 MTPA Alumina Refinery and 150 MW Co-generation Power Plant.

Operation of Aditya Birla Public School. Construction/renovation of 31 school buildings in the villages. Supplementing Education Facilitators (55 nos.) in the Peripheral Schools (45 nos.).Establishment of ITI Training Centre and Operation of Computer Literacy Project through Utkal Alumina Janaseva Trust by providing necessary infrastructures such as; Building, Computers, Furniture & Course Coordinators.

The basic infrastructure development in the villages includes construction of culvert, Irrigation Channel, Rest shed, School Boundary, Drain, Community Centre, Steps to River, Weekly market platform, Sitting Altar, Pond & Cement Concrete Road. Construction of Individual Household Toilets (1217 nos.) under Project Swachata. Provision for Homestead Land and Pucca House with individual toilet in the R&R colony. Black topping Road with Drainage facility in the R&R colony have already been taken up.

Provision of electricity (with backup power supply) and street lighting in the R&R colony, pproviding Solar Electrification to 254 house hold in 6 villages in collaboration with TERI & Mahashakti Foundation. Piped water supply through Over Head Tank in the R&R colony, Creation/Maintenance of drinking water sources (113 Tubes / dug wells installed, repair of 39 tube wells have also been taken.

Preventive & Curative Health Care facilities through Round the clock Health Centre, an ambulance to CHC, Kashipur, Supply of assets to PHC (New) at Tikiri and Kucheipadar have been provided. Round the clock Ambulance Service – 4 Ambulances including 1 Critical Care Ambulance also provided.

Development of Commercial Vegetable Farming under Project Samriddhi. Establishment of Garment Manufacturing Unit under Project Saksham for engaging the locals have been made. Operation of Tailoring Training Centre under Project Kaushalya. Employment of Rural Women under Project Samartha for production of Phenyl, Paper container (Thunga), Dry snacks & Mushroom have been taken up.

Deity place for worship, Community Centre, School Building, Free health care service & Funeral Ground in the R&R colony are also provided.
Besides above, indirect accrued benefits are envisaged have also accrued to the region by way of increase in agriculture and industrial production. Development of the local area in terms of an enlarged market will provide the local farmers with a good outlet of their agricultural products to enjoy the price effect, which is likely to be strong enough to offset the impending local inflations through real-balance effect.

Thus, it is envisaged that the proposed expansion of Alumina Refinery along with Cogeneration Power Plant will usher in the social and economic up-liftment of the persons living in the vicinity of the project in particular and the society in general.

UAIL always accords highest priority to Environmental protection, societal development and human rights issue. Accordingly UAIL has formed a sustainability cell at corporate level to oversee the HSE Policy and implementation of corporate philosophy in all the operations.

In order to take care of the administrative aspects for implementation of mitigation measures and monitor its effectiveness and **Environmental** Management Cell (EMC) comprising of various functional heads is already in place which will be strengthened further to take care of the proposed expansion. The EMC prepares formal monthly report on environmental management and mitigation for the Top Management . Reports on any urgent or significant issues are prepared at shorter intervals. Capacity building of the employees is an important aspect for successful implementation of Environmental Management Plan (EMP) such as Basic Consideration, Objectives of the Training Program, General Training and Training on Emergency Preparedness.

Besides this the company has the system of reporting non-compliance/violations of environmental norms to the Board of Directors of the company for taking immediate mitigation measures as per requirement.

The evaluation of Total Impact Score due to the proposed activities on the environmental components indicates that the proposed expansion project is “Appreciably Beneficial”.

In view of the above it can be concluded that, the proposed expansion project is in line with the principles of sustainable development. Due to this project there will be appreciable improvement in social condition as well as economic development. The mitigation measures those will be adopted will alleviate the adverse impacts well within the tolerable limit. Hence, it is logical that the above project should come up along with implementation of the mitigation measures.

CHAPTER - 12

DISCLOSURE OF CONSULTANT

12.0 CONSULTANTS ENGAGED:

12.1 CONSULTANT INVOLVED FOR EIA EMP REPORT INCLUDING BASE LINE DATA :

Environmental Impact Assessment (EIA) Study and preparation of EIA/EMP Reports including collection of base line data for the proposed project of **M/s. Utkal Alumina International Ltd., Doraguda, Rayagada, Odisha** was conducted by, **M/s. Kalyani Laboratories Pvt. Ltd.**

The brief information about M/s. Kalyani Laboratories Pvt. Ltd. is given as follows.

Table No. 12.1
About Kalyani Laboratories Pvt. Ltd.

Name	:	M/s. Kalyani Laboratories Pvt. Ltd.
Address	:	Plot No.- 1867, Bomikhal, Bhubaneswar - 751010 Odisha, India
Phone	:	Land Line: 0674- 6585026, 6081992, 2548092 Mobile No: 09437306091
E-mail	:	info@kalyanilabs.com, kalyanilab@yahoo.co.in
Website	:	www.kalyanilaboratories.com
QCI/NABET Accreditation	:	Accredited as per MoM RAAC Meeting held on 07.07.2017. Category – A.
MoEFCC Recognition of Laboratory	:	Vide Notification No. 1573, DTD. 06.08.2014 VALID UPTO 05.08.2019.

NABL Accreditation	:	Certificated No: T-2651 & T-3879 valid up to 07.10.2017.

M/s. Kalyani Laboratories Pvt. Ltd. is certified with ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007.

The organization is one of the leading companies for providing services in the field of environmental consultancy including preparation of EIA/EMP reports, Environmental Clearance, Consent to Establish and Consent to Operate, environmental monitoring, Collection of base line data, Environmental audits, Operation & Maintenance of ETPs and STPs. etc.

As per the recent MoM of NABET- QCI (National Accreditation Board for Education and Training Quality Council of India) with regard to the Accreditation Committee Meeting for ReAccreditation held on 07th July, 2017; Kalyani Laboratory the scope of accreditation is as mention below.

Table No. 12.2 Scope of Accreditation

Sl No	NABET Scheme Sectors	Sector Description	Category	Sector No. (As per MoEFCC Notification dated 14.09.2006 & Amendments)
1.	1	Mining of minerals including opencast/underground Mining	A	1(a)(i)
2.	4	Thermal Power Plants	B	1(d)
3.	7	Mineral Beneficiation	B	2(b)
4.	8	Metallurgical industries (ferrous & nonferrous)	A	3(a)
5.	9	Cement Plants	A	3(b)
6.	16	Chemical Fertilizers	B	5(a)
7.	22	Distilleries	A	5(g)
8.	38	Building and Construction Projects	B	8(a)

The laboratory of M/s. Kalyani Laboratories Pvt. Ltd., is recognized by MOEF & CC under Environmental (Protection) Act, 1986 and also accredited by NABL (National Accreditation Board for Testing and Calibration Laboratories) as per ISO/IEC 17025:2005 for sampling and analysis of environmental parameters including collection of base line data.

The laboratory of M/s. Kalyani Laboratories Pvt. Ltd., is recognized by MOEF & CC under Environmental (Protection) Act, 1986 and also accredited by NABL (National Accreditation Board

for Testing and Calibration Laboratories) as per ISO/IEC 17025:2005 for sampling and analysis of environmental parameters. The organization also empanelled with Orissa State Pollution Control Board.

The EIA Coordinators, Functional Area Experts and assistance to FAE involved in the EIA study for M/s. Utkal Alumina International Ltd., Doraguda, Rayagada, Odisha is as follow:

Table No. 12.3 Functional Area Experts Involved in the EIA

Name of EIA Coordinator / Assignment Head involved	FUNCTIONAL AREA EXPERTS INVOLVED	
	FUNCTIONAL AREA	NAME/S
EIA Coordinator: Er. Rajesh Kanungo **Associate:** Dr. Debasis Biswal	LU (Land Use)	Mr. Ranjan Kumar Mallick
	AQM (Meteorology, Air Quality Modeling & Prediction)	Dr. Debasis Biswal
	AP (Air Pollution Monitoring, Prevention & Control)	Dr. Debasis Biswal
	WP (Water Pollution Monitoring, Prevention, & Control)	Dr. Debasis Biswal, Rekha Nayak
	EB (Ecology & Biodiversity)	Madhusmita Jena, Rekha Nayak, Shantilata Sahoo
	SE (Socio-Economy)	Debendra Deep, Jagbandhu Bisoi
	N (Noise & Vibration)	J.S Murty
	HG (Hydrology, Ground Water & Water Conservation)	Navin K Patel
	RH (Risk Assessment & Hazard Management)	Er. Rajesh Kanungo, Navin K Patel
	SHW (Solid & Hazardous Waste Management)	Dr. Debasis Biswal
	GEO-SC (Geology and Soil Conservation)	Chandra Bhusan Das Madhusmita Jena Rekha Nayak

12.2 CONSULTANT INVOLVED FOR OVERALL EHS ACTIVITIES :

M/s Sun Consultancy and Services, Bhubaneswar is the EHS consultant for the project for providing consultancy with regard to environment, health and safety aspects.

The organization is certified by Indian Register Quality Systems for Quality Management System (ISO 9001:2008), Environmental Management System (ISO 14001:2004) and Occupational Health, Safety Assessment System (OHSAS 18001:2007) and empanelled by State Pollution Control Board, Odisha.

The Laboratories of M/s Sun Consultancy and Services is accredited by NABL(National Accreditation Board for Testing and Calibration Laboratories) in accordance with the standard

ISO/IEC 17025:2005 for sampling and analysis of environmental parameters including AAQ, Work Environment and Indoor Air Quality, Stack, Ambient Noise Level, Source Noise Level, Drinking Water, Surface Water/Ground Water, Waste Water(Effluent/Sewage).

The organization is recognized by Directorate Factories & Boilers, Govt. of Odisha; u/s 31,36 & 86,87 under Factories Act 1948; for carrying out test, examination, inspection and certification of Pressure plants, Precautions against dangerous fumes, gases, confined space, ventilation systems, Plants and equipment of dangerous process.

ANNEXURE R1/9

EMPLOYMENT DETAILS BELONGS TO LACHHUGUDA VILLAGE

Sl no	Code	Name	Father's/ Husband's Name	Sex	Permanent Village/D	Permanent Post off	Permanent Police S	Permanent Distric	Permanent Sta	Join Date	Category	Contractor
1	PE00276	Tumbeswar Jhodia	Sabi Jhodia	M	Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	01/09/2016	Semiskilled	QUESS CORP LIMITED
2	PE00547	BISWANATH NAIK	Lalmani Naik	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	Odisha	20/05/2014	UNSKILLED	QUESS CORP LTD-LALITA
3	PE01085	JOGESWAR GOUDA	TRINATH GAUD	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	03/06/2016	Semiskilled	JAGANNATH CORPARATION PVT LTD
4	PE01847	MAMITA NAIK	ABHIRAM NAIK	F	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	Odisha	01/01/2017	UNSKILLED	JANAKI NAIK
5	PE03027	ABHI JHODIA	LATE TANGURU JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
6	PE03028	SURINDRA GOUDA	MADHAB GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
7	PE03029	KOMALALOCHAN GOUDA	NARASING GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
8	PE03030	TINU GOUDA	LATE SUNADHAR GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
9	PE03031	TANKADHAR JHODIA	KHATU JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
10	PE03032	BHABANI GOUDA	KAMALU GAUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
11	PE03033	SADAN GOUDA	LATE JAGABANDHU GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
12	PE03034	SURASEN GOUDA	SHYAMAGHAN GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
13	PE03035	SUBHASAN GOUDA	KUMA GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
14	PE03036	TARUN GOUDA	CHITRA GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
15	PE03037	SABI JHODIA	GURU JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
16	PE03038	BUDU JHODIA	CHAITO JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
17	PE03039	ARJUN JHODIA	DHOBALU JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
18	PE03040	SUDARSHAN GOUDA	PURANDRA GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
19	PE03041	BISWANATH JHODIA	LATE LAXMAN JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
20	PE03042	SOMANATH GOUDA	SHATRUGHAN GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
21	PE03043	MADANA GOUDA	LATE DHANURJAYA GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
22	PE03044	SADA JHODIA	JAG JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
23	PE03045	RAMESHWAR GOUDA	BEIADHAR GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
24	PE03046	SITARAM GOUDA	DHANURJAYA GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/03/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
25	PE03170	JADUMANI NAIK	DAMU NAIK	M	Lachuguda	KUCHEIPADAR	Doraguda	Rayagada	Odisha	01/07/2017	Semiskilled	SRI BINAYAK ENTERPRIES
26	PE03617	BARSU JHODIA	KESA JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	03/10/2017	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
27	PE04318	MR TARUN GOUDA	BARU GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	13/05/2018	Skilled	SS LEGACY PRIVATE LIMITED-RMF
28	PE04333	CHITARAM GOUDA	SUNADHAR GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	13/05/2018	UNSKILLED	SS LEGACY PRIVATE LIMITED-RMF-LNC
29	PE04338	GORU CH GOUDA	PURUNDHAAR JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	13/05/2018	UNSKILLED	SS LEGACY PRIVATE LIMITED-RMF-LNC
30	PE05673	MR BAIKUNTHA GOUDA	MADHAB GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/02/2020	UNSKILLED	QUESS CORP LTD-LALITA
31	PE05933	JUDHISTIR GOUDA	BHUBANI GOUDA	M	LACHUGUDA	HADIGUDA	DORAGUDA	RAYAGADA	ODISHA	01/06/2020	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
32	PE06545	Mr. RANJAN NAIK	JALAMANI NAIK	M	LACHHUGUDA	HADIGUDA	DORAGUDA	RAYAGADA	ODISHA	01/04/2020	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
33	PE06556	SANTI JHODIA	TANKADHAR JHODIA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	01/04/2020	UNSKILLED	Sri Aditya - G4S FACILITY SERVICES
34	PE06661	ANAMU GOUDA	CHITRARAM GOUDA	M	LACHUGUDA	HADIGUDA	DORAGUDA	RAYAGADA	ODISHA	28/04/2021	UNSKILLED	SAENDRA BAGH
35	PE06662	MAHESWAR GOUDA	CHITARAM GOUDA	M	LACHUGUDA	HADIGUDA	DORAGUDA	RAYAGADA	ODISHA	28/04/2021	UNSKILLED	SAENDRA BAGH
36	PE06724	MAHESWAR GOUDA	TRINATH GOUDA	M	LACHUGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	12/05/2021	Skilled	QUESS CORP LTD-AKE
37	PE06978	PRASANTA GOUDA	BHUBANI GOUDA	M	LACHHIGUDA	KUCHEIPADAR	DORAGUDA	RAYAGADA	ODISHA	08/09/2021	Semiskilled	K RAMANA RAO

			PERMANENT EMPLOYEE BELONG TO LACHHUGUDA VILLAGE												
Sl No.	Emp Code	Name	Father's Name	Department	Category	DOJ Utkal	Job Band	Male	Female	VILLAGE	POST OFFICE	PS	DISTRICT	STATE	Block
1	U11061	Mr. Murali Goud	Mr. Makar Goud	Safety	Workman	01-03-2019	Jr.A.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
2	U10744	Mr. Purna Chandra Gouda	Mr. Bhakta Gouda	Refinery Operation	Workman	22-07-2014	Jr.A.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
3	U10741	Mr. Gouranga Gouda	Mr. Gouri Gouda	Refinery Operation	Workman	22-07-2014	Jr.A.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
4	U10357	Mr. Dambaru Dhara Gouda	Mr. Bikrama Gouda	Refinery Operation	Workman	01-01-2014	Jr.A.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
5	U10389	Mr. Anirodha Gouda	Mr. Sania Gouda	Refinery Operation	Workman	18-02-2014	Jr.A.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
6	U10460	Mr. Abhiram Naik	Mr. Gorimani Naik	Refinery Operation	Workman	01-04-2015	Asst.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
7	U10523	Mr. Manahara Jhodia	Mr. Jalamani Jhodia	Refinery Operation	Workman	01-04-2015	Asst.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
8	U10358	Mr. Dhaneswar Gouda	Mr. Jadu Gouda	Refinery Operation	Workman	01-01-2014	Jr.A.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur
9	U10359	Mr. Dhaneswar Gouda	Mr. Duryadhan Gouda	Refinery Operation	Workman	01-01-2014	Jr.A.Operator	M		Lachuguda	Kucheipadar	Doraguda	Rayagada	Odisha	Kashipur

Glimpses of Activities undertaken at Lachhuguda village


Intercation on drinking water, May'2023


Survey on old age, PH Jul'2023


Spraeding bleaching Aug'2023


Livestock vaccination camp Jun'2023


Mosquito net distribution


Instalation of hand pump bore well, Lachhuguda, 2023


WBM road Lachhuguda


School boundary, Lachhuguda


Feasibility study for Nirogsala, Lachhuguda, 2023-24


Vegetable marketing through producer company


Commercial vegetable farming


Vegetable seeds supply to farmers through producer comapny


Farmers club meeting


Village Development Palnning Meeting


Veg marketing Mar'2019

 Village planning meet Nov'20221	 Health aawreness	

Utkal Alumina International Limited
Doraguda, Post:- Kucheigadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 14, Jayadev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360281/340, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

ANNEXURE R1/11

Vendor Code	: 1001605t		
Vendor	: NATIONAL INSTITUTE OF TECHNOLOGY	PO. Number	: 13692317252
Site	: S1-ROURKELA	Creation Date	: 20-DEC-2023
Address	: SECTOR-1 , NIT	Amendment No.	:
	DEPT.OF CIVIL ENGINEERING	Amendment Date	:
	ROURKELA, 769008	Currency	: INR
	ROURKELA , ODISHA , India - 769008	Our Contact	: Binaya Mahanta
GSTIN No.	: 21AAAJN0685L1Z8	Email	: binaya.mahanta@adityabirla.com
Email	:		
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: SERVICE FOR RETROFITTING, STRENGTHENING AND BUTTRESSING OF THE EXISTING ASH POND (UAL BY NIT ROURKELA

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	80103083160 PROVIDE: CONSULTANCY; TYPE: RETROFITTING, STRENGTHENING; SCOPE: DETAILED RETROFITTING DESIGN, STRENGTHENING AND BUTTRESSING OF THE EXISTING ASH POND OF HIL, RESOURCE TYPE: EXTERNAL FROM NIT ROURKELA	0	RUPEES	1.000	3850000.00

Note to Supplier

Shipment Date : 30-JUN-2024

Description	% /Amount	Rate	Amount
Basic Value			38,50,000.00
COST_INV_UTK_9	%	9.00	3,46,500.00
SGST_INV_UTK_9	%	9.00	3,46,500.00
		Item Total Value :	45,43,000.00

2	80103083123 PROVIDE: CONSULTANCY; TYPE: RETROFITTING, STRENGTHENING OF THE THREE DRY ASH DISPOSAL SITES OF HIL; SCOPE: DETAILED RETROFITTING DESIGN OF THE DRY ASH DISPOSAL SITES TO HAVE A SAFE ASH MOUND, RETROFITTING TO EXISTING SEEPAGE PROBLEMS IF ANY,THE DESIGN REPORT WILL INCLUDE DETAILED CROSS SECTION OF PROPOSED RETROFITTING, RESOURCE TYPE: TECHNICAL CONSULTANT	0	RUPEES	1510000.000	1.00

Shipment Date : 30-JUN-2024

Description	% /Amount	Rate	Amount
Basic Value			15,10,000.00
COST_INV_UTK_9	%	9.00	1,35,900.00
SGST_INV_UTK_9	%	9.00	1,35,900.00
		Item Total Value :	17,81,800.00
		Total Purchase Order Value :	63,24,800.00

Value in Words (INR) (Sixty Three Lakh Twenty Four Thousand Eight Hundred Only)

Other Terms and Conditions :

Payment Term : As per attached Annexure (see notes)

Price Type Term : Fixed

Freight Terms :
Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to the specified & General Terms and Conditions,including Utkal Supplier's Code of Conduct

Utkal Alumina International Limited

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Reason: PO

Bhaskar Banerjee
Vice President
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 3209001902
PAN	: AAACU3868R	TAN NO.	: BBNU08604G
CIN No.	: U13203OR1993PLC003416	GSTIN	: 21AAACU3868R1ZD

PO No : 1569217252 PO Date : 02-JAN-2024

Annexure – I Specific T&C :

1. RESPONSIBILITY OF COMPLETENESS:
1.1. Any scope of work which is not specifically mentioned in the order, but required for the completion of the works, shall be supplied/ rendered free of cost to us, unless expressly excluded in the order
1.2. Any approval by us at any stage for any work by you shall not relieve you of your obligations under this Order.
1.3. You shall execute the work under the instruction of EIC UAIL.

2. PRICE VARIATION: The Order Value, terms & conditions shall remain fixed, firm & binding till completion of the Order.
2.1 Prior starting the job contractor has to submit the workmen compensation insurance, PF document to the USER and HR department along with the work order copy.

3. PAYMENT TERMS:
3.1. 50% ADVANCE along with order against submission of certified Proforma Invoice. Balance 50% to be released after submission of final report, design drawing.
Visit charges to be paid extra directly to the consultant, i.e. in favour of Dr. Chittaranjan Patra.

4. TAXES:
GST on the above job shall be reimbursed by the UAIL only on compliance with GST Rules and Regulations and matching of data in the GSTIN Network.
You will have to pay GST and file return immediately after invoicing. Any lapse on claiming of GST to us due to your negligence will recovered from your invoice.
Vendor should be liable to fulfil all statutory compliance as may be required by Government of India from time to time, which without limitation to include issue E-invoice, filing GST Returns and paying GST amount on or before due dates. Any non-compliance shall entitle Hindalco to withhold the sum due to it/indemnify their expenses.
Income Tax at the prevailing rate shall be deducted from your bills and deposited to the credit of appropriate authority, for which UAIL shall provide necessary certificates.
You shall indemnify UAIL against any liability arising towards all statutory payments.
Statutory variation in taxes & duties and/or imposition of any new tax/duty after the date of this order shall be to UAIL's account.
It is understood by the Parties that the work area is a normal domestic area and all the statutory levies as applicable on the date of this order have all been considered either in Your scope or in UAIL scope.

5.INSURANCE:
5.1. To be arranged by you at your cost for the following:
5.2. For your supervisors / employees at Site with appropriate life, sickness and accident for the duration of their services at site.
5.3. For any special erection and/or testing tools or instruments you may bring to site for the period of erection and commissioning.
5.4. Third parties against all risks
5.5. We shall take marine-cum-storage-cum-erection insurance to cover risk of entire Plant.

6. CONTRACT PERIOD: Time shall be of essence of the Contract. You shall complete the entire scope of work within six months from date of order.

7. WARRANTY PERIOD: NA

8. LIQUIDATED DAMAGES FOR DELAY: NA

9.ARBITRATION:
9.1. The Parties hereto shall endeavor to settle all disputes and differences relating to and/or arising out of the Order amicably.
9.2. Any or all disputes with respect to the interpretation or other disputes between the Parties hereto arising under or in connection with the Order which disputes cannot be resolved by mutual discussion between the Parties to the Order within 60 days, shall be referred to Arbitration under the provisions of Arbitration and Conciliation Act, 1996 by or any subsequent modifications and amendments thereof. Each Party shall be entitled to nominate an Arbitrator and the two Arbitrators so nominated shall jointly nominate a third Arbitrator.
9.3. The place of arbitration shall be Cuttack, India and the language of the arbitration shall be English.
9.4. The Parties further agree that any arbitration award shall be final and binding upon the Parties.
9.5. The Parties hereto agree that both the Parties shall be obliged to carry out its obligations under the Contract even in the event a dispute is referred to Arbitration unless the dispute is of such a nature that it is not possible to carry out the obligations.

10. BANK GUARANTEE: NA.

11. WORKMEN COMPENSATION POLICY:
You shall at all times indemnify us against any claims which may be made under the Workmen's Compensation Act 1923 or any statutory modification thereof or otherwise for or in respect of any damages or compensation payable in consequence of any accident or injury sustained by any worker or other person in your employment.

12.SUPERVISION.
12.1. You shall depute one supervisor who will interact with concern EIC and railway authority for smooth completion of job.
12.2. You shall bear all cost of travel including local transportation, incidentals incurred in connection with travel and stay of their supervisors.
12.3. Should we by notice in writing to you, object to any supervisor sent to Site who shall be guilty of serious misconduct or be incompetent or negligent, and we provide written evidence that your personnel is actually guilty as mentioned above, you shall ensure that you remove and promptly replace such person at your expense so as not to cause any interruption in carrying out the job and PAT and other necessary activities.

13. DEPLOYMENT OF MANPOWER:
13.1. You shall obtain necessary Labour License from local Government in accordance with prevailing laws and necessary labour registers etc. shall be maintained by you.
13.2. You shall follow all statutory obligations under Contract Labour (Regulation & Abolition) Act 1970, ESI and Provident Fund Acts etc. as applicable for your labour and staff engaged in execution of the Work at Site. In case of any violation of these rules penalty/legal implication thereof, if any, shall be to your account and responsibility.
13.3. You shall ensure that all persons employed by you shall be efficient, skilled and literate and conversant with nature of work.
13.4. You shall also comply with any subsequent changes announced by the Government in relation to labour laws without any additional cost to us.
13.5. You are advised to submit all necessary statutory documents to our VP - HR, or his authorized representative and obtain his clearance before starting any site activities. This is a MANDATORY requirement.

14. LICENCE & WORK PERMIT FOR SITE WORK:
You shall obtain relevant license and work permit for carrying out the work at your own expenses.
All approval required from railway to be obtain by you.

15. COOPERATION WITH OTHER CONTRACTORS:
You shall co-operate with other contractors and consultants engaged by us for furnishing information as required for other Contractors' Work. It is imperative that all contractors/ suppliers shall work and share information with each other for mutual interest and interest of the job.

16. STATUTORY APPROVALS:
You shall obtain all relevant statutory approvals from appropriate authorities. We shall only apply for such approvals as per your advice. Any modification or additional requirement by the concerned authorities shall be carried out.

17. SUBMISSION OF BILLS:
Your bills duly certified by the EIC has to be addressed & submitted to the GM Accounts, UAIL, Duraguda, P.O. Kashipur, Dist. Rayagada 765 015, Orissa, who shall process your bills & release payment.

18. TRANSFER OF THE CONTRACT:
You shall not, without our prior written consent, assign or transfer this order or any part thereof, provided that any such consent shall not relieve you, as the case may be, from any other obligations, duty or responsibility under the Order.

19. SUB-CONTRACTING: You shall be fully and directly responsible for all acts and omissions of sub-contractors engaged by you and also for consideration of their work with those of the sub-contractors. You shall be responsible for the performance of this order. You shall assume responsibility for binding every sub-contractor to the terms of the order. You shall undertake all obligations relating the sub-contractors, if any, and their rates and nothing contained in contract documents shall create any contractual relation between your sub-contractor and us.

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20. CONFIDENTIALITY:
20.1. The Parties hereto shall keep confidential and shall not, without prior written consent of the other Party hereto, disclose to any third party any documentation, data and other information furnished directly or indirectly by the other Party hereto in connection with this order or use such documentation, data and information for purposes other than this order, whether such information has been furnished prior to, during or after this order.
20.2. However, the aforesaid obligation shall be subject to the exception as regards to information already within public domain and information disclosed under any statutory order or court order.

21. SAFETY & SECURITY:
21.1. You shall be solely and exclusively liable and responsible for compliance with all applicable safety laws, rules and regulations, the safety of workmen, agents, employees or others whom it may engage or employ for the purpose of the Contract. You shall abide by the safety rules and provisions strictly including use of proper personal protective equipment/appliance by its people working at site. No work should be undertaken without a work permit issued by us. Only those persons who are medically fit and have no phobia for working at height should be engaged by you for such jobs. All persons working at a height are to be provided with double line safety belt. Non-compliance to safety guidelines shall result in severe penalties including possible cancellation of the order. You shall compensate us for loss or liability suffered or incurred on account of default/s or non-compliance to safety guidelines by you. You shall indemnify us against all losses, damage, claims, actions, proceedings, penalties, costs and other liabilities suffered or incurred on account of your default, under this Clause or any incident or accident arising out of the neglect or omission or other reasons attributable to you.
21.2. Behind law and order situation and security of your personnel, machinery, material etc at site shall be your responsibility.
21.3. You shall be responsible for proper fencing, guarding, lighting, and security for all the works at the site and for the proper provision of temporary road ways, footways, guard and fences on the site as far as may be necessary for the works and so as not to endanger us and occupiers of adjacent property, the public and others, all in accordance with good industrial practice.

22. HEALTH, SAFETY & ENVIRONMENT:
You shall observe & comply with all rules, regulations pertaining to Health, Safety & Environment during the execution of work. UAIL reserves the right to stop any work that it deems as unsafe at any point of time. You shall submit a "Job Starting Intimation Letter" to the concerned department for commencement of work. (As per attached HSE policy(s).)
As per notification No: 2634 IND-IV-PCP-PWM-55 dated 19th Feb-2022 issued by State Pollution Control Board, Odisha, prohibiting production, stocking, sale & use of Single Use Plastic (SUP), we as a responsible corporate entity, has decided to restrict use of single use plastic (SUP) in our premises. So, henceforth please don't use SUP for packaging and wrapping purpose, for item, destined to UAIL.

23. FORCE MAJEURE:
23.1. Force majeure shall mean any cause, existing or future, which is beyond the reasonable control of any of the Parties including major Sub-Supplier's Works (List of major Sub-Suppliers shall be submitted by you for our approval within one month from the date of Contract signing) including acts of God, storm, landslide, fire, floods, inundation, cyclone, earthquake, explosion, epidemics, quarantine, riot, embargo, interference by civil or military authorities, acts, regulations or orders of any governmental authority in their sovereign capacity, acts of war (declared or undeclared), strike, lockout, breakdown of the plant or any such event at our site.

23.2. Neither Party shall be liable for the failure to perform any obligation in terms of the Contract if and to such extent such failure is caused by a Force Majeure.

23.3. The Party(s) prevented to fulfill its obligations (hereinafter referred to as "the Affected Party") by Force Majeure shall promptly notify the other Party(s) within one week of occurrence as well as cessation of such Force Majeure event, and it shall be established by the Affected Party that the force majeure situation had delayed performance of the Affected Party's obligations and services, and was beyond the reasonable control of the Affected Party and not due to the default or negligence of the Affected Party.
23.4. The periods of performance of this order as agreed upon shall be extended by the period of delay caused by such force majeure, so long as the period of force majeure does not last longer than three months.

23.5. If a Force Majeure continues for more than six months and the Parties are not able to reach an agreement on the continuation of the Contract within a further term of one month, the fulfillment of the Contract shall automatically be deemed impossible and shall stand suspended / terminated. In case of such suspension / termination, you shall be entitled to the payment of costs incurred up to that time for all Works completed on submission of substantiated invoice on the one hand and shall be liable for prompt refund to us the unearned portion of all the corresponding advance payments received by you from us on the other hand.

24. TERMINATION OF CONTRACT:
24.1 We may at any time terminate the Order in whole or in part by giving thirty (30) days prior notice in writing to you. Upon receipt of such notice, you shall promptly discontinue any further performance of Works or relevant part thereof and shall carry out only that part of Works as may be necessary to protect the Works to date or as may be reasonably requested by the Company.
24.2. In the event of the failure of either Party to fulfill its obligations under the order and if such default or inability is not remedied within thirty (30) days of receipt of written notice of the same, the other Party may terminate the Contract forthwith by written notice to the defaulting Party.
24.3. In the event of termination of the Contract for reason whatsoever under this Clause, we shall be liable to pay to you the costs including reasonable profit and expenses already incurred by you in connection with the order supported by substantiated documents provided you have fulfilled your obligations for which payments are sought to be obtained from us on the one hand or you shall be liable to refund to us any unearned portion of the advance paid by us on the other hand.
24.4. Upon termination of the Order for any reason whatsoever, you shall deliver to us all completed Works, specifications, documents, designs, drawings and data sheets or other related papers and plant, machinery and equipment that you are obliged to supply under the order and which have been paid for by us or we may have given, for the purposes of the order.
24.5. The termination of the Order shall be without prejudice to the right(s) of either Party in respect of any or any other breach of the Order, due or accrued up to termination, unless waived in writing by agreement made by the Parties hereto.
24.6. Except as otherwise provided for in the Order, neither Party shall be liable to the other Party for any compensation, indemnification, and/or reimbursement of whatever nature direct or indirect as a result of or related to, or in connection with the termination of the Order hereunder.
24.7. Clauses on Environmental Standards, Intellectual Property Rights, Arbitration, Confidentiality and Risk & Cost, shall survive termination of the Order, for any reason whatsoever.

25. SUSPENSION OF WORK:
25.1. When situation so demands, we reserve the right to suspend the order with due notice to you and subsequently reinstate the performance without invalidating the provisions of the order. The stipulated period of performance on your part shall be relaxed to cover the suspended delays and all additional costs including for storage and insurance.

25.2. In case period of suspension of Works is more than six months, you shall discuss with us to take all steps to minimize extra financial implications during suspended period and to restart the Works at the end of the suspension period. This financial implication shall not be considered if the suspension of Works is done by us for reasons attributable to you.

26.GOVERNING LAW:
The laws of India shall govern this Contract. Courts in Cuttack shall have exclusive jurisdiction over all matters arising out of this Contract, provided however those arbitration proceedings shall be exclusively governed by Clause 33 of this order.

27. ENCLOSURES:
Annexure-I BOQ
Annexure-II UAIL HSC Policy.
Annexure-III Code of Conduct.

28. ACCEPTANCE OF ORDER:
You are requested to confirm your unconditional acceptance of this order by signing the acceptance copy of this order within 03 days of issuance of this order.

29. Assignment by Company:
Contractor hereby consents to the creation by the Company of a security assignment of the Contract in favour of any Financing Entity and hereby undertakes to execute upon request of the Company such documents as may be reasonably and customarily required to give effect to any such assignment provided that the Contractors consent, which shall not be unreasonably withheld or delayed, shall be required only in relation to such documents of any terms other than a simple confirmation of the consent given above or a simple acknowledgement of a notice of an assignment pursuant to this Clause. Any stamp duty and all costs & expenses payable in respect of such documents shall be to account of Company in respect of any such documents executed by Contractor.

29. Visiting Charges of Dr. C R Patra
@Three number of site visit to be considered for Retrofitting, strengthening of the three Dry Ash Disposal sites @Rs.75000 per visit (3 Mandays considered for each visit including transit time).

Per visit charges Rs.75,000/- & for three visit charges 2,25,000/-.

(ii)Five number of to be taken for visit for Retrofitting, strengthening of the three Dry Ash Disposal sites @Rs.75000/per visit. (5 Mandays considered for each visit including travel time).
Per visit charges Rs.75,000/- & for five visit charges 3,75,000/-.

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GENERAL TERMS & CONDITIONS :

1. Price:
The price mentioned in the Purchase Order is firm and fixed till the delivery of entire material and is not subject to any price escalation on any ground unless explicitly mentioned in the order.

2. GST and other taxes:
a) GST shall be paid by UAIL. You shall have to pay GST and file return immediately after dispatch.

b)You/Vendor shall liable to fulfill all statutory compliance as may be required by Government of India from time to time,which without limitation to include issue E-invoice, filing GST Returns and paying GST amount on or before due dates.Any non-compliance shall entitle UAIL to withhold the sum dues to indemnify their exposures.

3. Completion Period:
Supply :
Delivery schedule must be strictly followed. If the materials are not delivered strictly within the stipulated time, we reserve the right not to accept the material and/or levy Liquidated Damages as specified in the Purchase Order. Partial dispatches are not allowed unless authorized explicitly in writing by us.

4. Transportation and Transit Insurance:
The entire material shall be dispatched by road through the authorized transporter of UAIL as mentioned in the PO. In case dispatches are made through any other means or any other transporter, the extra expenses incurred by UAIL, if any will be realized from the supplier
Transit Insurance from point of loading to point of discharge will be covered by UAIL unless otherwise agreed. The supplier has to inform UAIL about the dispatch particulars by Fax/e- mail addressed to the concerned Buyer.

5. Dispatch Documents:
Bill(s) / Document(s) (one in Original + one set in duplicate) should be sent along with challan and LR/WB/RR to Head (Accounts) and Head-Materials respectively. Bills / Challans should contain all relevant information like Vendor Code, Order No., Item Code, etc., as given in the PO besides supplier's GST & PAN No..
The dispatch documents should consist of the following:
a) Invoice giving details of taxes.
b) Packing list
c) Test/Inspection report
d) Material Test Certificate
e) Original consignee copy of LR
f) Warranty / Guarantee certificate

6. Guarantee & Warranty clause:
The entire materials/equipments supplied by you shall be in strict conformity with the specifications and data mentioned in the LOI / PO. It should be free from any defects arising out of poor design, workmanship, inferior material or all the items. The entire material/equipments shall be under guarantee for a period of 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier. In case of any defects attributable to design, material, manufacturing and workmanship arises after commissioning of the equipment and is not found to perform within the guarantee period, the seller shall replace such defective portion or part free inclusive of all costs such repair/replacement shall be carried out without loss of time. Any spares that may be required during the guarantee period (except consumable spares) shall be supplied free of charge. In case higher Guarantee Period has been agreed upon, the same will prevail.
In case the equipment /spares do not perform for the ratings specified, then the supplier will be allowed to rectify the defect. Even after making efforts to rectify the defect within reasonable time (mutually agreed), then UAIL will have the option to reject & return the equipment/spares against reimbursement of all payments made to supplier.

7. Inspection and Testing before dispatch:
UAIL has the right to witness the necessary inspection and testing of all equipment/materials mentioned in the PO during and after manufacture and before dispatch, to ensure seller's compliance with the specifications mentioned in the LOI / PO and the standards according to which seller has produced.
The authorized representative of UAIL shall have at all reasonable times right to visit manufacturer/his sub-vendor Works to witness inspection and testing of the equipment / materials. However, UAIL reserves the right to arrange third party inspection at UAIL's cost, unless otherwise agreed.
The supplier has to inform at least 02 weeks in advance before the dispatches are made about the readiness and to arrange inspection. Inspection / approval by UAIL does not absolve supplier's responsibility as per the terms of LOI / PO.

8. Final inspection will be done at our plant (unless otherwise Specified in the PO :
Payment will be made for actual weight or quantity accepted by us. Our measurements/inspection shall be final and binding. Rejected material will be returned by us at supplier's risk and cost (including to and fro transportation cost). Unless specifically advised by supplier regarding mode of return of rejection, UAIL will be free to choose any means for return of rejected goods. Supplier will intimate well in advance the methodology of documentation to be done specially for GST (ITC related Activities).

9. Operation & Maintenance Manual's (wherever applicable):
The seller has to deliver four sets of Operation & Maintenance manuals comprising of the following along with the equipment.
a) Equipment information.
b) Instructions for equipment erection / commissioning.
c) Operation and maintenance instructions including start-up and shutdown procedures, adjustments, lubrication schedules, preventive maintenance, trouble shooting, repair instructions.
d) List of spare parts and lubricants used.
e) Complete list with specifications for all bought out components.

10. TAX DEDUCTION:
Necessary tax deduction shall be made by UAIL as per the Government rules.

11. OTHER TERMS & CONDITIONS:
a) The packing material and other accessories to be used for executing the above Purchase Order should be Biodegradable meeting our EHS norms.
b) Due care should be taken during handling and transportation for prevention of Pollution due to spillage etc. Transporter must have "Transport Emergency card" during transit of Hazardous chemicals.
c) Supplier should send order acknowledgement within 7 (Seven) days of receipt of PO. This order if not accepted should be returned within 48 hours stating reasons for non-acceptance. If we don't receive any acceptance within 7 (Seven) days, we will presume that all the terms and conditions given in order are acceptable to Supplier.
d) Any demurrage, wharfage, or similar charges to which Buyer becomes liable because of Sellers failure to load the goods in accordance to Order and or late delivery of LR/RR receipt shall be borne by Supplier.
e) Timely delivery of the material shall be essence of PO and any failure on that score will entail the Buyer to purchase the material from other sources at the prevailing market rate at the cost and risk of the Supplier without any prejudice to the right of the Buyer to cancel the Order. (Buyer reserves the right to purchase goods from market on Supplier's risk and cost).
f) Prices are fixed and firm till completion of order.

12. ARBITRATION:
If any dispute and/or differences shall at any time arise between UAIL and Supplier in relation to any clause (s) or matters herein contained or their respective

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rights/claims or liabilities hereunder or otherwise in relation to or arising out of LOI / PO, such disputes and/or differences shall be settled mutually through discussions between the representatives of the parties in the first instance, failing which the same shall be finally settled by an Arbitral Tribunal composed of a panel of three Arbitrators, one to be appointed by Claimant(s) and one to be appointed by Respondent(s) and the two Arbitrators, so appointed, shall appoint the third Arbitrator who shall act as the presiding Arbitrator. The Award of the Arbitral Tribunal shall be final and binding on the parties and the provisions of the Arbitration and Conciliation Act, 1996 and the Rules made there under and any statutory modification and re-enactment thereof shall be deemed to apply and to be incorporated in this Contract. Place of Arbitration shall be at Unit Location District and Arbitration proceedings shall be in English language.

13. Governing Law & Jurisdiction:
The Purchase Order shall be subject to Indian laws and the Courts of competent Jurisdiction in Unit Location District alone shall have exclusive jurisdiction.

14. Information Security , Confidential Agreement:
All non-public, confidential or proprietary information of the Buyer, including, but not limited to, specifications, samples, patterns, designs, plans, drawings, documents, data, business operations, pricing, discounts or rebates, disclosed by Buyer to Supplier's Representatives or Agent, whether disclosed orally or disclosed or accessed in written, electronic, or other form or media, and whether or not marked, designated or otherwise identified as "confidential," in connection with the Order is confidential, solely for the use of performing the Order and may not be disclosed or copied unless authorized by Buyer in writing. Buyer shall be entitled to injunctive relief for any violation of this Section. This Section shall not apply to information that is: (a) in the public domain; (b) rightfully and legally known to the Seller at the time of disclosure; or (c) rightfully and legally obtained by the Seller on a non-confidential basis from a third party.

OUR VALUES
INTEGRITY, COMMITMENT, PASSION, SEAMLESSNESS AND SPEED

EXTRACTS FROM OUR POLICIES:
To procure goods and services by honest use of sound business principles in an impartial/unbiased & transparent manner and dignity by way of fair competition, ethical and equitable dealings from right source, of desired quality, at right time, at optimal cost & in right quantity. Adopt the State of the Art purchase procedures to reduce internal and external lead times, deliver value for money, for all concerned, to create a strong network of competent and reliable suppliers. Preference will be given to manufacturers over dealers. Vendors not complying with environment norms will be discouraged. Vendors who are found to be resorting to unfair or unethical business practice will be deregistered. Vendors will be regarded as partners in our business. We will give preference to local vendors.

QUALITY, ENVIRONMENT, OCCUPATIONAL HEALTH & SAFETY POLICY:
We are committed to demonstrate excellence in quality, environment and occupational health & safety for sustainable development.
To Achieve this, we shall:
1. Ensure customer satisfaction by providing value added products and services.
2. Continually establish systems, procedures and best practices with technological interventions.
3. Optimize resource consumption particularly- raw material, energy, water, oil and promote pollution prevention.
4. Nurture and sustain safe and healthy work environment.
5. Comply with applicable legislation in letter and spirit.
6. Strengthen competence of employees and business associates through continuous training.

We shall communicate and make this policy available to all stakeholders.

Condition related to EQH&S

Material Supplier :
1. Supplier should comply with all Environmental Rules and Regulations, applicable to their supplies.
2. Supplier should provide MSDS for all materials, as applicable.
3. For transport, Supplier should use authorized transporter; Supplier should provide TREM Card, as applicable.
4. All Vehicles, used for transportation should comply with Motor Vehicle Rules, 2014.

Service Provider :
1. Suppliers, working inside the factory should ensure that they do not contaminate Water and Air.
2. Any Waste, generated during work inside the factory to be disposed of as per instructions given by us.
3. Supplier to ensure good housekeeping in their area of work inside.

UAIL SUPPLIER CODE OF CONDUCT

Purpose and Scope

Ultratech Almonte International Limited ("UAIL/Company") has developed a Supplier Code of Conduct (this "Code") to clarify our expectations in the areas of business integrity, human
rights, labor practices, associate health and safety, and environmental management. The Code expresses UAIL's commitment to responsible sourcing while conducting business
ethically. Our materials are sourced in a responsible manner that minimizes negative impacts on the environment and society. We are also committed to incubate sustainable sourcing practices and engage with our suppliers in improving the ESG performance across our supply chain. It explains what it means to act with integrity and transparency in everything we do and in accordance with our unique culture and values. The Code is intended to complement UAIL's Code of Conduct and the other policies and standards referenced therein. All of the standards mentioned herein emanate from the parent company (Hindalco) Policies (http://www.hindalco.com/Investor-centre/Policies) and Aditya Birla Group Policies (http://sustainability.adityabirla.com/policies.php)

Sustainability
Sustainability is one of the key components of our decision-making process. We, at UAIL,operating across the process chain from mining till Bauxite refining, strive for excellence in sustainable processes, products and practices to create long term value for all our stakeholders, while conserving resources, protecting environment and enriching societal
well being. This Code is developed based on global best practices such as safety, health,environment, human rights, ethical and fair business practices. The Code is aimed at creating a positive impact on the sustainable business practices across UAIL's value chain and its compliance is a key criterion for selection and partnerships with our suppliers.
Suppliers, vendors, contractors, consultants, agents and other providers of goods and services, who do business with UAIL are expected to follow this Code.

Business Conduct Principles:
UAIL is committed to: (i) conducting its business ethically and in accordance with all applicable laws; (ii) adhering to standards of safety and care for the protection of its employees, the public, and the environment; and (iii) promoting these policies through education,supervision, and regular reviews. UAIL expects its suppliers to conduct business responsibly,with integrity, honesty, and transparency, and to adhere to the following principles:

1. Maintain awareness and comply with all applicable laws and regulations applicable to their operation.

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2. Conduct fairly for Company's business, without paying bribes, kickbacks or giving anything of value to secure an improper advantage.
UAIL is committed to conducting business legally and ethically within the framework of a free enterprise system.
UAIL suppliers are expected to:
. Not to offer/accept bribe or do not let others offer/accept bribe on their behalf
. Not tolerate any forms of corruption, including extortion and bribery, as well as any payment or benefit that may influence government officials, other regulatory bodies or violate the law

3. Observe UAIL's policies regarding gifts and entertainment and conflicts of interest when dealing with UAIL employees.
Suppliers are prohibited from providing or offering gifts to UAIL employees that could inappropriately influence UAIL's business decisions or gain an unfair advantage.

4. Encourage a diverse workforce and provide a workplace free from discrimination,harassment or any other form of abuse.
Suppliers shall create a work environment in which employees and business partners feel valued and respected for their contributions. Harassment, including unwelcome verbal, visual, physical, or other conduct of any kind that creates an intimidating, offensive or hostile work environment will not be tolerated. Employment decisions must be based on qualifications, skills, performance, and experience.

5. Labor and Human Rights.
UAIL is committed to respect the fundamental human rights of our workforce and the communities around our operations.
UAIL suppliers are expected to:
.Respect the personal dignity, privacy and rights of each employee
.Respect the right to freedom of association of their workers, fair employment policies
.Not to use any form of forced, bonded, indentured, involuntary prison or slave labor
.Ensure there is no discrimination based on factors such as gender, nationality,caste, religion or ethnic background for employment and working conditions
.Follow the local applicable laws of working hours, rest days, wages, overtime and other benefits
.Provide women employees full protection from sexual harassment at workplace and compliance to the local regulatory requirements
.Adhere to the minimum employment age limit defined by national law or regulation and comply with relevant International Labor Organization (ILO) standards
.Respect the right to freedom of association and collective bargaining with incorporation of fair employment policies by the suppliers

6. Provide safe and healthy working conditions.
UAIL values people as its most important resource and is committed to achieve excellence in Occupational Health and Safety (OHS) management at all locations and expect our
suppliers to also make this a priority for their own employees and supply chain.
UAIL suppliers are expected to:
.Comply with all applicable legal requirements and other requirements related to OHS across all our manufacturing units and follow zero tolerance policy on act of safety violation
.Provide a healthy and safe workplace by identifying potential hazards, evaluating risks and establishing control measures to reduce the identified risks
.Provide potable drinking water and adequate restrooms, fire exits and essential fire safety equipments, emergency aid kits and access to emergency response including environmental, fire and medical

7. Carry out operations with care for the environment and comply with all applicable environmental laws and regulations.
As a responsible company, our ongoing endeavor is to manufacture products through processes that have minimum impact on the environment. We maximize ways to preserve the environment through state-of-the-art technology and a commitment to reduce waste in all forms. We expect our suppliers to have necessary systems to minimize the impact of their operations and products on the environment and maintain compliance with government regulations.
UAIL suppliers are expected to:
.Comply with all international, national, and local environmental laws, regulations and permits as applicable to their business operations. Supplier should ensure further operational permits are valid at all times
.Conserve key resources like electricity, coal, water, oil and raw materials by promoting efficient technologies, manufacturing process improvements, water conservation programs and efficient use of raw materials
.Promote and strengthen the waste management practices by prevention,reduction, reuse, recycle and recover to minimize waste generation
.Adhere to all applicable laws pertaining to deforestation and afforestation
.Act in accordance with applicable standards and regulations for prevention of pollution such as air emissions, effluents discharge, soil contamination etc.
.In adherence with the applicable laws, avoid deforestation, adopt land conservation and afforestation measures, and reduce impacts on biodiversity.Ensure that activities do not disturb the natural habitat and contribute to their restoration.
.Monitor energy consumption and GHG emissions across their operations and take necessary measures to improve energy efficiency and reduce GHG emissions, Increase share of renewable energy source to minimize reliance on conventional energy sources such as fossil fuels.

8. Conflict Mineral
UAIL is committed to maintain transparency in the supply chain and conduct thorough due diligence to ensure that the minerals are not sourced from Conflict Affected and High-Risk Areas (CAHRA). Suppliers shall comply with applicable conflict minerals rules and regulations ensure sourcing of minerals in accordance with the applicable laws and
regulations. Suppliers shall adopt policies and processes to ensure the sourcing of minerals from conflict free zones in a socially responsible way

9. Maintain accurate financial books and business records in accordance with all applicable legal and regulatory requirements and accepted accounting practices

10. Deliver products and services meeting applicable quality.
UAIL is committed to producing high quality and safe products. Suppliers involved in any aspect of developing, handling, packaging, or storing our products are expected to:
a. Know and comply with the product quality standards, policies, specifications, and procedures that apply to the products produced at their location.
i. Follow and adhere to good manufacturing practices and testing protocols
ii. Comply with all applicable central, state, and local laws and regulations
iii. Report issues immediately to UAIL that could negatively affect the quality or public perception of a UAIL product

11. Support compliance to this Code by establishing appropriate management processes and cooperating with reasonable assessment processes requested by UAIL.
To conduct business with Company, suppliers should enter into contracts and execute purchase orders that mandate compliance with this Code. With prior notice, UAIL may conduct reasonable audits to verify Supplier's compliance with this Code.

12. While, we as a company strive to implement the standards outlined in this Code within our own operations and expect our suppliers to do the same, we also ask that your company expects its suppliers to adopt similar standards through a policy of your own, applicable to your suppliers. By seeking to influence the adoption of responsible guidelines and standards within your supply chain, we can work together to make a positive impact on society.

In case of any potential violation or related queries please contact:
- Email id: abg.ethicshelpline@integritymatters.in
- Toll free Hotline no: 1800-102-4969
- Web portal: abgethicshelpline.integritymatters.in

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All such reports are treated as confidential and you may remain anonymous wherever permitted by law.

In case any violation of this Code is identified, the applicable supplier might, at UAIL's discretion, be given time to remediate the problem, with UAIL's assistance wherever possible.If the problem is not addressed in an effective way and within a clear timeframe that is acceptable to UAIL, UAIL reserves the right to terminate its business relationship with the violating supplier. UAIL also reserves the right to blacklist such suppliers from the Aditya Birla Group of Companies.

The undersigned acknowledges that it has read and understands the UAIL Supplier Code of Conduct and agrees to adhere to the provisions of the UAIL Supplier Code of Conduct.

Supplier Name:_____

Signer's Name and Designation:_____

Signature:_____

Date:_____

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OPERATION AND MAINTENANCE AGREEMENT

This Operation and Maintenance Agreement ("Agreement"), entered at Doraguda, Rayagada District, Odisha on this the 12th Day of July 2023.

Between

UTKAL ALUMINA INTERNATIONAL LTD, a **COMPANY INCORPORATED,** under the Companies Act, 1956, having its **Registered Office at J-6, Jaydev Vihar, Bhubaneswar, Odisha - 751013** and Plant office at Doraguda, Rayagada (herein after referred to as the "Owner" which expression where the context so admits/ requires shall include its successors and permitted assigns) of the FIRST PART:

And

SRI ADITYA LOGISTICS PRIVATE LIMITED, a **COMPANY INCORPORATED,** under the laws of **INDIA,**1956 with its **REGISTERED OFFICE AT** # 223/1, Bhimpur Mouza, Ganga Nagar, Bhubaneswar-751001, and Odisha India. (hereinafter referred to as the "O&M Operator" which expression where the context so admits/ requires shall include its successors and permitted assigns) of the SECOND PART:

Sri Aditya Logistics Pvt. Ltd.

The expressions "Owner" and the "O&M Operator" wherever the context admits or permits shall deem to mean and include their successors-in-interest, executors and permitted assigns and the said expressions "Owner" and the "O&M Operator" are individually referred to herein as "Party" and collectively as "Parties".

PRELIMINARY STATEMENT

WHEREAS, the Owner has acquired, constructed, erected and commissioned and has overall responsibility for the Operation and Maintenance of Long-Distance Conveyor with associated facilities as further specified in Appendix 1, hereinafter referred to as the "Facility", as located at Doraguda, Dist. Rayagada.

AND WHEREAS, O&M Operator represent, warrant and declare that they have in their possession required knowledge and expertise to provide the services of the Facilities as specified in Appendix-1.

AND WHEREAS the Owner based on the aforesaid representations and on the terms hereinafter set out propose to utilise the services of the O&M Operator in the operation and maintenance of the Facility; and

AND WHEREAS, the Owner and the O&M Operator hereinafter set out the terms and conditions based on which the O&M Operator shall provide such services for the Facility.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained the Parties herein, agree as follows:

ARTICLE 1

RULES OF INTERPRETATION AND DEFINITIONS

1.1 Rules of Interpretation

1.1.1. Except as otherwise expressly provided herein, capitalized terms used herein are defined in Section 1.2.

1.1.2. The headings and paragraph numbering are for convenience only and shall be ignored in construing this Agreement.

1.1.3. The singular includes the plural and vice versa, the masculine shall include the feminine and the neuter as the context requires.

1.1.4. The words "herein," "hereof" and "hereunder", and words of similar import, shall refer to this Agreement as a whole and not to any particular section or subsection of this Agreement; the words "include," "includes" or "including" shall be deemed to be followed by "without limitation" or "but not limited to", whether or not they are followed by such phrases or words of similar import; and words denoting natural Persons shall be interpreted as referring to corporations and any other legal entities and vice versa.

1.1.5. References to Articles, Sections, Recitals, Paragraphs and Appendices are, unless the context otherwise requires, references to articles, sections, recitals, and paragraphs of, or appendices to, this Agreement.

1.1.6. A reference to an Appendix is unless the context otherwise requires, a reference to all sub appendices to such Appendix.

1.1.7. Reference to any legal Person includes its successors and permitted assigns.

1.1.8. For the avoidance of doubt, nothing stated herein shall be construed or interpreted to establish a joint venture, an implied trust, implied contract or implied agency between the O&M Operator and the Owner or a transfer of intellectual property rights to the Owner.

1.1.9. This Agreement is the result of negotiations between, and has been reviewed by, each Party and/or its legal counsel. Accordingly, this Agreement shall be deemed to be the product of both Parties and there shall be no presumption that an ambiguity should be construed in favour of or against a Party solely as a result of such Party's role in drafting this Agreement. Each waiver, exclusion or limitation of liability expressed herein results from a negotiation process and is deemed fair by the Parties in light of the overall terms and conditions of this Agreement.

1.1.10. The Owner acknowledges and agrees that this Agreement does not create a consumer relationship and that the services contemplated herein are used by the Owner in connection with the performance of its business activities.

1.2 DEFINITIONS

For the purposes of this Agreement, the following words and terms shall have the meanings as specified hereinafter (other words and abbreviations that have well known technical, or trade meanings are used in this Agreement in accordance with such recognized meanings).

1.2.1 Affiliate

Affiliate means, with respect to any Party hereto, any entity that is a direct or indirect parent or subsidiary of such Party or that directly or indirectly **(i)** owns or controls such Party, **(ii)** is owned or controlled by such Party, or **(iii)** is under the common ownership or control with such Party; for purposes of this definition, "control" shall mean the power to direct the management or policies of such entity, whether through the ownership of voting securities, by contract or otherwise. For purposes of this Agreement, the Owner and the O&M Operator shall not be deemed to be Affiliates of each other.

1.2.2 Agreement

Agreement shall mean this operation and maintenance agreement including all Appendices attached hereto and amendments hereof executed from time to time

1.2.3 Annual Operation and Maintenance Plan

Annual Operation & Maintenance Plan means the annual Operation & maintenance plan prepared by the O&M Operator in consultation with the Owner, which shall be based on the Unit manufacturer's recommendations in terms of preventive maintenance schedules, setting forth, among other things, anticipated maintenance and overhaul schedules, staffing, staffing plans, schedules of services to be provided by O&M Operator, LDC operational performance.

1.2.4 Annual Report

Annual Report means the annual report prepared by the O&M Operator describing the performance of the Facility.

1.2.5 Annual Turn Over

Annual Turn Over means the total received Fixed O&M Fee by the O&M Operator during an Operating Year.

1.2.6 Bankruptcy

Bankruptcy means the occurrence of any of the following events:

(i) The passing of a resolution by the shareholders of the Owner or the shareholders of the O&M Operator for the winding up of the Owner or the O&M Operator, respectively;

(ii) The admission in writing by the Owner or the O&M Operator, respectively, of its inability generally to pay its debts as they become due;

(iii) The appointment of a provisional manager, receiver, trustee or liquidator in a winding up proceeding after notice to the Owner or the O&M Operator

and due hearing, as appropriate; or (iv) the making by a court of competent jurisdiction of an order winding up the Owner or the O&M Operator, respectively.

1.2.7 **Battery Limits**

Shall have the meaning given in Appendix 1.

1.2.8 **Change of Law**

Change of Law means:

(i) the coming into force after the Effective Date of any Governmental Rule or Authorization or any reform, modification or revocation of any Governmental Rule or Authorization, in force on the Effective Date and amendments thereof;

(ii) the adoption of a new official interpretation of any Governmental Rule or Authorization in force on the Effective Date, which has been enacted or brought into force after such date or the reform, modification or revocation of any official interpretation of any Governmental Rule or Authorization, in force on the Effective Date, which has been enacted or brought into force after such date; or

(iii) the issuance of resolutions or other administrative acts by any Governmental Authority.

1.2.9 **Change Order**

Change Order shall have the meaning as set forth in Article 11.1.

1.2.10 **Change Order Proposal**

Change Order Proposal shall have the meaning as set forth in Article 11.2.1.

1.2.11 **Confidential Information**

Confidential information means any information or data (including all oral and visual information or data and all information or data recorded in writing or in any other medium or by any other method) disclosed to or obtained by the Owner under this Agreement.

1.2.12 **Contamination**

Contamination means the presence of Hazardous Substances at the Site or arising from the Site that may require clean-up, removal, response or remedial measures under any Governmental Rule for the time being in force.

1.2.13 **Country**

Country means the republic of India.

1.2.14 **Deemed Availability**

Deemed Availability has the meaning given in Article 4.6.1.

1.2.15 **Default Events**

Default Event has the meaning given in Article 4.6.2.

1.2.16 **Demobilization Fee**

Demobilization Fee means the fee specified in Article 4.7.1.

1.2.17 **Demobilization Period**

Demobilization Period means, the period from the Day of Owner's written notice given to O&M Operator requesting the O&M Operator to demobilize the Site and until the Day the Site is fully demobilized by the O&M Operator.

1.2.18 **Day**

The 24-hour period beginning and ending at 12:00 midnight IST.

1.2.19 **Effective Date**

Effective Date means 1st March 2023.

1.2.20 **Emergency Event**

Emergency Event means a sudden and unexpected event or circumstance which has caused or reasonably threatens to cause **(a)** serious bodily injury to any personnel employed at the Site or any other Persons at or in the vicinity of the Site; **(b)** serious physical damage to the Site or other material or property located at or in the vicinity of the Site; **(c)** a work stoppage or other serious labour disturbance at the Site; **(d)** a shutdown or other serious interruption in or interference with the operation or functioning of the Facility or of any electrical distribution facilities relevant to or otherwise affecting the Agreement; **(e)** imposition of fines or other penalties or sanctions under any Governmental Rule, (except those penalties levied by Owner as per this Agreement) which fines, penalties or sanctions would be likely to affect seriously the ability of Owner or the O&M Operator to perform any of its or their obligations; or **(f)** an occurrence of any accident materially impacting on the environment.

1.2.21 **Environmental Laws**

Environmental Laws means all applicable codes, laws, rules and regulations relating to actual or potential effect of the activities owing to the Facility on the environment, disposal/ discharge of chemicals, gases or other substances or materials into the environment or the presence of such materials, chemicals, gases or other substances in and around the Facility.

1.2.22 **EPC Contract**

EPC Contract means all contracts between the Owner and respective EPC Contractors related to Facility.

1.2.23 **EPC Contractor**

EPC Contractor means contractors of the Owner for the construction of the Facility and their respective subcontractors, all in their respective capacities as such and the successors and permitted assigns of any of the foregoing.

1.2.24 **Extraordinary Expense**

Extraordinary expense means any expense or expenditure that has been approved in advance by Owner and incurred by the O&M Operator in the performance of the Work and not covered in a responsibility matrix , including but not limited to, **(i)** provision of additional maintenance/modifications/up gradation/additions/ project punch list / project left over jobs related services requested by Owner not covered by this Agreement, **(ii)** the direct cost of subcontract labor, materials or maintenance services needed to perform the services under (i) above, (ii) fuel, **(iii)** expenses incurred under Change of Law **(iv)** expenses towards technical up-gradation as advised by OEMs/Owner. All Extraordinary Expenses shall be to the account of the Owner.

1.2.25 **Facility**

Facility means the Long-Distance conveyor together with associated facilities (excluding main control room) and Auxiliaries set up the Owner as further specified in Appendix 1, located at Doraguda to Baphlimali Mines, dist Rayagada.

1.2.26 **Force Majeure**

Force Majeure has the meaning given to it in Article 5 of this Agreement.

1.2.27 **Governmental Authority**

Governmental Authority means the government of the Country and any state or local government or other political subdivision thereof, or any governmental, quasi-governmental, judicial, public or statutory instrumentality, administrative agency, authority, body or other entity thereof having jurisdiction in respect of this Agreement or either Party or the Facility.

1.2.28 **Governmental Rule**

Governmental Rule means any foreign, national, state, provincial or local statute, law (including Environmental Laws), ordinance, rule, constitution, ministerial accord, order, decree, regulation, directive, judgment, injunction, writ or similar action or decision duly implementing any of the foregoing which has been enacted, issued or promulgated by any Governmental Authority having jurisdiction in respect of this Agreement or either Party or the Facility.

1.2.29 **Gross Negligence**

Gross Negligence means a conscious and voluntary act or omission of a Party in reckless disregard of a legal duty (including contractual duty) which fundamentally, seriously and substantially deviates from a diligent course of action and which is in reckless disregard of or indifference to the direct and harmful consequences to the other Party.

1.2.30 **Hazardous Substance**

Hazardous Substance means "hazardous substances" or "pollutant" or "opacity" or "contaminant", including any material designated as a "hazardous substance", "hazardous waste" or "waste" pursuant to the Governmental Rules or Authorizations or the regulations promulgated thereunder, or any other pollutant

or substance, which may be the subject of liability for costs of response or remediation.

1.2.31 **Indemnification**

Indemnification means to indemnify and hold harmless the Owner and its officers, employees, agents, representatives, and affiliates against any and all losses, claims, expenses, liabilities, damages and costs.

1.2.32 **Insurance Repairs**

Insurance Repairs means repairs carried out for Machinery Breakdown (as defined herein) under the Machinery Breakdown Insurance Policy or otherwise.

1.2.33 **Liquidated Damages or LD**

Liquidated Damages or LD shall mean the liquidated damages specified in Article 4 payable by O&M Operator for O&M Operator's failure to reach Performance Guarantees.

1.2.34 **Manufacturers' Manuals**

Manufacturers Manuals means the Unit manufacturers' instruction manuals and operating and maintenance procedures to be delivered or delivered by the EPC Contractor under the EPC Contracts.

1.2.35 **Machinery Breakdown (MBD)**

Machinery Breakdown shall mean and include a breakdown, loss or defect of any machines or equipment within the battery limit.

1.2.36 **Month**

Month means a calendar Month according to the Gregorian calendar beginning at 12:00 midnight on the last Day of the preceding month and ending at 12:00 midnight on the last Day of that Month.

1.2.37 **Monthly Report**

Monthly Report means the report upon operation and maintenance prepared by the O&M Operator each Month.

1.2.38 **O&M Procedures**

O&M Procedures means operating and maintenance procedures for the Facility, to be prepared by the O&M Operator and two copies of which shall be delivered to the Owner and shall include any management and administrative policies and operating and maintenance procedures required in the Agreement to be developed, together with the documents and schedules described in O&M Manuals, which shall be developed and mutually agreed upon by the Owner and the O&M Operator. (As such manuals may be amended, modified or replaced from time to time by the O&M Operator with the prior written approval of the Owner, which approval shall not be unreasonably withheld save where the amendment, modification or replacement is a valid requirement.

1.2.39 **Original Equipment Manufacturer or OEM**

Original Equipment Manufacturer or OEM means original equipment manufacturer that designed and/or manufactured the components and/or products that make up the Facility.

1.2.40 **Operational & Maintenance Fee**

Operational & Maintenance Fee shall mean the fees which the Owner shall pay to the Operator as set forth in Articles 4.1-4.3.

1.2.41 **Operation & Maintenance Phase**

Operational Phase means the period commencing from 1st March 2023 and ending three (3) years thereafter or upon earlier termination of the Agreement, whichever first occurs.

1.2.42 **Operational & Maintenance Report**

Operation Report means the report prepared (hard & soft copy) by the O&M Operator on Daily, weekly and Monthly basis to be submitted to the Owner, which shall include.

(i) the overall performance of the Facility compared to the Annual Operating Plan,

(ii) Daily production and production history of the Facility,

(iii) equipment maintenance history,

(iv) preventive / planned maintenance schedules,

(v) Condition monitoring report

(vi) Extraordinary Expenses beyond the scope incurred in the year-to-date and for the preceding Month,

(vii) an accident / incident report,

(viii) Facility safety status,

(ix) a labour status report,

(x) equipment operational status,

(xi) a major maintenance summary for the preceding Month and values,

(xii) Facility technical performance,

(xiii) Actual monthly consumption cost Vs monthly budgeted maintenance cost. Quarterly consumption should match with the P&B parameters.

(xiv) Any other known condition which may adversely affect the technical and financial performance of the Facility as requested by the Owner. The report shall include supporting documentation and graphs.

1.2.43 **Operating Year**

Operating Year means periods of 365 days during the Operational Phase. The first Operating Year starts from day on which of Operational Phase begins, both days are inclusive.

1.2.44 **Owner's Representative**

Owner's Representative means the individual(s) designated by and conferred with the responsibility and authority by the Owner, and whose name(s) have been duly notified to the O&M Operator.

1.2.45 **Period Hours**

Period hours mean i.e., 8760 for normal year and 8784 for leap year.

1.2.46 **Person**

Person means any natural person or any company, partnership, company, joint venture, firm, corporation, association, trust, enterprise or other body corporate or any Governmental Authority.

1.2.47 **Performance Guarantees**

Performance Guarantees means as mentioned in Scope of work Point. 4.8

1.2.48 **PG Test**

PG Test means a performance guarantee test performed by the EPC Contractor(s) to under its EPC Contract(s).

1.2.49 **Plant Manager**

Plant Manager means the O&M Operator's representative, who has the necessary qualifications, experience and administrative skills to discharge the O&M Operator's obligations under this Agreement.

1.2.50 **Prudent Operating Practices**

Prudent Operating Practices means those practices and methods and acts which, in the exercise of reasonable judgment in the light of the facts known to a Party at the time that a decision was made, could reasonably have been expected to accomplish the desired result at a reasonable cost consistent with licensing and regulatory considerations, environmental considerations, and in a manner consistent with applicable OEM requirements and industry standards and codes. Prudent Operating Practice is not intended to be limited to optimum practice or methods to the exclusion of all others, but rather shall be a spectrum of reasonable and prudent practices, methods or acts employed by operators of facilities similar in size and operational characteristics to the Facility that take into consideration the conditions specific to the Facility and the exercise of judgment, including those involving the use of new concepts of technology.

1.2.51 **Rupee**

Rupee means the lawful currency of India.

1.2.52 **Site**

Site means the real property located at Doraguda, Dist Rayagada, Odisha from refinery plant to mines where the Facility shall be located.

1.2.53 **Third Party**

Third Party means any Person that is not the Owner or the O&M Operator

1.2.54 **The O&M Operator's Invoice(s)**

O&M Operator's Invoice means a written document(s) provided by the O&M Operator to the Owner requesting payment of the O&M Operator's Fixed O&M Fees and the reimbursement payments as defined herein.

1.2.55 **Unscheduled Maintenance**

Unscheduled Maintenance shall mean any maintenance to the Facility other than: regular, preventive, corrective maintenance, Insurance Repairs and repairs and maintenance connected with or arising as a result of Machinery Breakdown.

1.2.56 **Work**

Work means the O&M Operator's obligations as set forth in this Agreement.

1.3 Appendices

The following appendices form an integral part of this Agreement and are hereby incorporated by reference:

- Appendix 1 Battery Limits
- Appendix 2 Responsibility Matrix
- Appendix 3 Indicative Organizational Chart
- Appendix 4 List of Equipment and Structure
- Appendix 5 List of Mobile Equipment
- Appendix 6 List of Tools and Consumables
- Appendix 7 Performance Score Card
- Appendix 7A Guidelines for Performance Score Card
- Appendix 8 CODE OF CONDUCT
- Appendix 9 HSE Clauses and Specification to O&M Operator

The priority of the Appendices is valid in the order listed above. In case of any discrepancy or inconsistency between the terms herein and those specified in any of the Appendices, the Agreement text shall overrule the Appendix except in the event there is a contradiction between Appendix 1 and Appendix 2 and Article 2 and Article 3 of the Agreement in which case Appendix 1 and Appendix 2 shall supersede what is written in Articles 2 and 3 of the Agreement.

ARTICLE 2

WORK SCOPE

The O&M Operator shall be responsible for the operation and maintenance of the entire LDC system including accessories as mentioned in the Appendix 4. Battery limit will be as per the Appendix –1. Scope of the contract is mentioned in the Appendix-2. The work includes all preventive / scheduled maintenance / shutdown / turnaround maintenance, statutory maintenance, breakdown & corrective maintenance, and Shift maintenance related to operation, mechanical, electrical, Instrumentation all associated miscellaneous systems. The O&M Operator must have adequate manpower, mobile equipments, consumables, tools/tackles, scaffolding kits and PPE to complete all the above jobs safely in the specified time. Tools & tackles and consumables attached in the Appendix 6 to be maintained by O&M Operator.

I) OPERATION:

The O&M Operator shall provide all information regarding the day-to-day operation and maintenance for the Facility as set forth herein, except for the responsibilities of the Owner as set forth in Article 3 hereof. The O&M Operator shall perform the Work in all material respects in a prudent and efficient manner and in accordance with this Agreement and

(i) The Annual Operating Plan for the facility and all applicable operation and maintenance for the Facility,

(ii) Applicable laws and rules in State and Central having statutory force regarding labour Laws, electricity act, factories act, payment of wages act, ESI/WCP Act, minimum wages act, bonus act, contract labour (R&A) act, employees PF act and such other labour enactments that are in force on the date of signing of this Agreement,

(iii) Escalation clause for wages:

Payment of minimum wages to Skilled/unskilled/ semi-skilled workmen as per prevailing Govt. notification rates shall be the responsibility of the O&M Operator.

The Fixed O&M Fees shall be based on Govt. notified rates as on date of signing of Agreement. Any further change or revision in minimum wages by the Govt. over and above 5% shall be borne by Owner along with statutory payments.

(iv) Prudent Operating Practices

- The O&M Operator shall perform all the obligations related to operation and maintenance of the entire LDC system and would engage necessary team operators for round the clock operation of entire LDC system and ensure smooth the operation of the material handling system and ensure the availability.
- The O&M Operator must prepare SOP'S for smooth & trouble-free operation and impart training to the operation team.
- The O&M Operator should adhere to all safety measures related to operation and must comply with statutory regulatory safety system to ensure zero incident. Shall focus on 100% implementation of LOTO&D

systems. This shall comply with Odisha Factories rules 1950, Indian Factories act 1948 and other relevant technical standards (TS) of HINDALCO and HMF.

- Equipment House Keeping & Cleaning is within the O&M Operator's scope. Equipments housekeeping & cleaning is required to create conducive environment for safety & ease of both operation & Mechanical Maintenance activities. Shall implement 5S and visual standards in the workplace domain.
- For Bauxite spillage, O&M Operator shall employ their own team or shall outsource to subcontractor. The O&M Operator aim should be Zero Bauxite Spillage and create healthy and safe environment to operate the LDC System.
- During all planned and unplanned maintenance (plant stoppage), the operators shall assist the maintenance team.
- The O&M operator shall ensure seamless communication between Mines feeding team and downstream Bauxite handling area for optimizing time and resources.
- Shall endeavor on 100% implementation of ERP enabled maintenance programme and spares management. PM slippage of less than 8% is not allowed
- The deployment of Mobile equipment is on round the clock basis and shall be available as per maintenance schedules of plant

II) Mechanical Maintenance:

a) PREVENTIVE MAINTENANCE

The teams deployed shall take things a step further by layering a risk assessment and time forecast on top of the diagnostic function. Condition monitoring deployment shall be done on the machines and assets to evaluate its performance. Emphasis shall be on characteristics to predict the time to the next failure successfully. Wherever possible digitation efforts shall be taken up with machine learning function helping with. The ML and PDM shall result in reduced maintenance costs, minimal downtime, improved reliability, and optimized performance scaling up to increased Overall Equipment Effectiveness (OEE), enabling owners for better coordination. Maintenance efforts shall lead to squeeze maximum value and lifetime from their assets. Different teams for different areas one expertise shall be developed to carry out the preventive maintenance schedules. Assessing, detecting and diagnosing faults to allow pre-emptive servicing. The annual preventive maintenance plan shall be submitted by Owner at the beginning of each year. However, maintenance schedule shall be prepared on monthly basis by the O&M Operator in consultation with the Owner's engineering in charge and shall be fed into ERP. A daily work schedule

shall be finalized by the Owner's engineer-in-charge based on both PM schedule and work orders generated by production department. The O&M Operator shall do co-ordination with Owner's maintenance and operation team for taking work permit and isolation of equipments. If required, from the mechanical systems. The O&M Operator shall always follow the LOTOTO isolation and PTW system including all specialised one like Confined space, hot work, height work etc.

b) BREAKDOWN / CORRECTIVE MAINTENANCE

Breakdown condition shall be avoided in philosophy and spirit for any failure emanating due to wear and tear etc. However focus shall endeavor on tackling and mitigation plan to deploy a dedicated taskforce to be engaged by the O&M Operator to attend any problems as per work order raised by operation department and or condition monitoring group or as arises out of the situation It is necessary on the part of the O&M Operator to close the work order on the same day it is generated unless agreed by Owner's engineer. The Owner's engineer instrumentation equipment such as motors, valves etc. Shifting to and from central workshop and reinstalling shall be the responsibility of the O&M Operator. Party shall deployed if any expert services for the major overhauls or servicing when critical assembly involved

The O&M Operator shall actively participate in RCFA(Root cause failure analysis) resulting from failure of any equipment for which he has maintenance responsibility. Owner's area engineer will be responsible to ensure that RCFA is conducted for all failures in his respective area and will ensure that recommended action items are implemented by O&M Operator. RCFA report shall be recorded in ERP.

Work order raised by condition monitoring group shall form part of a backlog from which jobs are to be scheduled on a priority basis, based on criticality and impact on plant performance. Area engineer shall be notified as soon as each job is completed. CM Group shall be required to perform verification checks as soon as possible after completion, after which work order is closed.

c) SHIFT MAINTENANCE

O&M Operator shall also be responsible for attending all equipment problems in shifts. For this, a team comprising of engineers, vulcanisers, fitters, welders, millwrights, helpers, riggers shall be on duty in each shift (8 hours) or as per the mutually agreed shift schedule by rotation for seven days a week. All problems and exigency job must be rectified in the respective shift. Any major problem may be referred to general shift only after consultation with Owner's area engineer. In case of exigency/emergency on shifts, the O&M Operator shall consult with area engineer and arrange additional manpower if so required. A log book shall be maintained by the shift supervisors to record each problem reported, by time of notification, nature of job performed, time of completion, plant down time (if any) and a note to general shift if any work is pending

d) **MAJOR SHUTDOWN MAINTENANCE**

Shutdown maintenance jobs such as turnarounds involving major overhauling, cleaning, equipment replacement and necessary rectification shall be carried out by the O&M Operator. Each shutdown has a finite duration and all scheduled tasks should be completed within the duration of plant shut-down. The O&M Operator shall be informed prior to shutdown, to arrange for additional manpower and special tools / tackles to be engaged during shutdown period. The shutdown jobs shall be completed within stipulated timeframe.

e) **MAINTENANCE OF LIFTS**

O&M Operator shall perform the maintenance works for lifts 100 % availability of lift shall be ensured.

The O&M Operator is responsible for the arrangement of statutory inspections and certification from time to time.

f) **STATUTORY MAINTENANCE AND APPROVAL**

O&M Operator shall plan all the statutory maintenance in consultation with the Owner's engineer In-charge. All statutory obligations like pressure vessel testing, lifting equipment testing, tools testing , measurement instruments calibration, elevators testing, DGA testing of transformer oil etc. by competent person as per the Orissa Factories Act, Indian factories act, Electricity rules for Owner's as well as O&M Operator's equipments shall be carried out/arranged by the O&M Operator. Approvals by different statutory authorities like factory inspector, MVI annual inspection, annual inspection by CEI, Odisha and as well as DGMS, India shall be arranged and complied by the O&M Operator during the Contract Period. Fees deposited against the Owner's equipments shall be reimbursed to O&M Operator at cost on submission of actual challan. The O&M Operator shall ensure that all equipments as may be necessary shall conform to the provision of statutory and other regulations in force, such as Indian Explosive Act, Indian Factories Act, Indian Petroleum Act, Gas Cylinders storage and handling rules and also those of State Government.

III) ELECTRICAL MAINTENANCE

- All electrical equipment deployed by the O&M operator for smooth operation and maintenance of the LDC system shall comply with the latest revision of Indian Electricity Rules and within the statutory requirement of the Government of India and State Government as regards safety, earthing, lux level and other provisions specified therein for installation and operation of electrical equipment.
- The scope of work for the maintenance contract starts from the outgoing cables to various locations from Crusher House.

- The shift personnel shall attend to all the complaints registered in a day on the same day and obtain receipts from the complainants in the report register.
- Jobs related to the mines electrical infrastructure like attending to lighting DBs, fans, Air conditioning systems, water pumps, High mast lights, Diesel Generator sets, street light fittings, cleaning of fitting glasses, minor repairing of lighting cables, cable laying, miscellaneous electrical fittings and wirings and other related jobs.
- Sufficient manpower for temporary lighting jobs for public functions, major repair and shutdowns.
- Incidental jobs related to the power distribution network at mines periphery.
- All materials like tubes, bulbs, chokes, switches, MCBs etc. shall be supplied by OWNER except items mentioned in Appendix 6. All other items like PVC tapes, screws, nuts and bolts, lugs and other relevant hardware required for repairing jobs will have to be provided by the O&M Operator. Any item within scope of O&M Operator if provided by the company shall be adjusted against the payment to the O&M Operator.
- In addition to the shift working personnel, technician/supervisor should be available for attending emergency jobs at odd hours as and when informed by the officer of electrical department. Any breach of this term will draw financial penalty.
- O&M Operator shall ensure to provide all necessary tools and tackles along with multimeter, tong tester, mugger, Electric current leakage tester, OTDR testing equipment, Optical fiber jointing machine etc. to its workmen for execution of the above jobs.
- Technician/Supervisor should be available on all holidays and Sundays for emergency jobs and pending jobs. Reports regarding other repairing jobs to be completed within 24 hrs of allocation of the job. Payment in full/ partial shall not be made until the report is submitted.
- O&M Operator has to collect the materials from Owner Stores and all materials replaced have to be brought back to electrical department regularly and count of materials to be validated by concerned officer. Any dispute shall be resolved mutually and the final deciding authority shall rest with the Owner's authorized representative. The Sub store inventory if any to be certified inspected audited by The Electrical or EIC concerned fortnightly or monthly.
- Electrician must possess a valid electrician/ wireman license for various jobs as per factory norms and supervisors must possess necessary supervisory license. O&M Operator must obtain license (HT License) as required under Indian Electricity Rules and shall comply with all the rules and regulation of the State as well as the Central Government. O&M

Operator should also comply with all the statutory requirements without fail.

- O&M Operator should have HT License.
- Testing of all electrical equipments installed in the 6.6 KV Sub-Station & control room must be done annually & also after any major fault as per the recommendation of Owner's EIC at his own expense with the notice period of 07days and testing reports of the same should be submitted to OWNER.
- Servicing of all 6.6 KV Breakers as per IE rules annually by experienced personnel.
- Protection relay and bay control unit/RTU testing and relay co-ordination setting as per requirement. Testing of relays and BCUs/RTU shall be done once a year or after any major fault.
- Primary current injection for equipment testing.
- Thermography of the equipment's of the 6.6 KV Sub-Station twice in a year at his own expense.
- Liaisoning and co-ordination with OPTCL/GRIDCO/SOUTHCO/Electrical Inspectorate and statutory authorities to make the power available for uninterrupted power drawl from OPTCL network.
- Maintenance of all earth pits (reconditioning of earth pits as directed by the Owner EIC) should be carried out by the O&M Operator at their own expenses. The values of earth pit's resistance are to be measured and lodged in a separate earth pit register quarterly.
- Round the clock operation and maintenance including any break down maintenance of equipments of the LDC system to ensure 95% availability however the OEE shall be ensured to achieve P&B target of bauxite production
- Recording and lodging data as per operational requirement as directed by the Owner's EIC.
- Loading, unloading, transportation of all equipments, materials and spares except power transformers from Owners stores to site and vice-versa.
- O&M Operator should also maintain their own equipments like welding machines, drill machine, grinders, testing instruments etc. at site for carrying out maintenance work, whenever necessary and testing.
- Providing all maintenance spares and consumables as per attached Appendix required for planned, routine or break down maintenance of LDC System shall be supplied by the O&M Operator at free of cost. Major spares like CT, PT, breakers, relays, isolators, LA, shall be supplied by Owner. O&M Operator shall keep the record of all the spares and give the requirement for the same.

- Obtaining all statutory approvals as required for operation and maintenance of LDC Sub-Station.
- Deployment of adequately qualified, skilled and experienced personnel having HT license as required for rendering the contract awarded service. The O&M Operator shall submit copy of such license to Owner prior to raising the first monthly operation and maintenance invoices. However, in case of any major break down, O&M Operator should have always adequate nos. of qualified, skilled and experienced personnel for attending and normalizing the system with minimum downtime throughout the contract period. The O&M Operator shall get the approval from Owner's EIC about the qualification, experience and competence of their staffs before any new deployment for O&M of the LDC electrical system.
- Any other services relevant to operation and maintenance of LDC electrical shall be rendered as per the advice of Owner's representative.
- Any minor modification work required LDC should be carried out by the O&M Operator at his own cost.
- PM and CBM for all the equipments are to be done as per mutually agreed checklist.
- The various sud systems like VFDs, batter banks etc. are to be maintained expert team and periodic AMC are to be deployed for the same.

IV) INSTRUMENTATION & AUTOMATION MAINTENANCE:

O&M Operator shall carry out all Instrument maintenance work in the entire LDC and associated equipments. The work includes all preventive/scheduled maintenance; Shut down maintenance, breakdown/work order maintenance, Shift maintenance, Air conditioning Instruments, Drinking & Service water pump house flow meter. O&M Operator should employ adequate manpower, tools/tackles and consumable to complete all the above jobs safely in the specified time.

- A-to-Z of Maintenance for all field instruments, control panel, control system of the entire LDC system including all associated utilities.
- Calibration, dismantling, cleaning, overhauling, repair, mounting, routine maintenance, preventive maintenance, replacement of damaged items with the spare and checking the operating condition while on site and in the lab for all the field instruments viz. –Belt Sway Switch, Pull Chord Switches, Zero Speed Switches ,level switches, differential pressure transmitters, level transmitters, flow transmitters, level switches, temperature indicators, temperature indicating switches, temperature elements (RTD's, Thermocouples), limit switches, solenoid valves, on-line analyzers, analytical instruments and all other instruments installed in the LDC and not mentioned here.

- O&M Operator has to periodically check/inspect the field instruments, panel instruments etc. In case of any damage/misalignment/mal-operation/abnormal conditions and have to immediately rectify/change the packing and inform the same to Owner Engineers.
- Removing the indicators, recorders, transmitters, and other field instruments, of the entire LDC system and transporting them to stores/laboratory and vice versa for servicing, repair and re-fixing them in their appropriate places.
- Removal, Cleaning (with the help of vacuum cleaner) and re-fixing of all modules, parts, components of DCS and PLC as per maintenance schedule.
- Minor maintenance works of PC's like cleaning of computers/printers/mouse, removing paper jam in printers, changing the printer cartridges, fitting of paper roll in printers etc. for all machines involved in LDC automation and offices.
- Loop continuity-checking of instruments/telephones, cable/impulse line-tracing, sequence of operation checking, trip setting are to be carried out by O&M Operator at the discretion/guidance/assistance of Owner Engineers.
- Changing of wiring, if required, and shall terminate the cable in its correct position after dressing properly as per instruction of Owner's engineers.
- O&M Operator to prepare as-built drawings as and when changes are made from the original documents within one week from the date of change.
- O&M Operator using the laboratory equipment provided by Owner will carry out all calibration works in the laboratory or if possible in the field itself whichever is applicable.
- The routine/preventive maintenance in the laboratory such as charging/replacing batteries for electronic equipment, minor rectification/repair jobs, cleaning of laboratory will be in O&M Operator scope.
- Small additions/deletions/modification works involved in the cable route, cable tray, impulse lines, instruments, panel cutouts etc. shall be carried out by O&M Operators as and when required.
- Fabrication and installation of small items like canopies, junction boxes and mounting brackets for any field mounted instruments.
- Routine checking of control power supply/Instrument power supply/cable terminations, connection tightness for all the wiring in the field as well as in the control panels.
- O&M Operator has to arrange for temporary power supply from the point provided in plant by Owner for site calibration, maintenance and repair

works execution and shall provide all the hardware required for making these arrangements.

- Routine cleaning/removal of oil strains, dust, rust from panels, junction boxes, flame scanners, field instruments and its supports, other equipments etc. will be in O&M Operator scope.
- Painting of field instrumentation /panels/ junction boxes, Equipment tagging etc. shall be done by O&M Operator. Paint will be supplied by O&M Operator.
- Attending Trouble shooting and other emergency jobs promptly as reported by Owner's engineer.
- Managing all the three shifts round the clock for immediate attention of any problem reported.
- O&M Operator has to arrange Utility Vehicle for shifting of instruments to workshop/area/store.
- O&M Operator has to facilitate exclusive OEM special purpose visits like system upgrdation, Critical Trouble shooting and any exigency requirements like M/s ABB /SIEMENS atleast1-2 visits in a year. Owner shall arrange the visit and borne the fee charges for the same. For the Routine, Periodic and system demand requirement visits by OEM shall be in the scope of O&M Operator. A list of such OEM suppliers is provided in the separate index at section C of O&M Operator's Obligation.

V) REPAIRING TO BE CARRIED OUTSIDE

All major repair work including balancing, machining, fabrication, motor winding, calibration, repairing of all equipments and spares, which cannot be completed inside the plant with available infrastructure and within the required time and with required quality shall be at OEM Works or any authorized shop after consulting with Owner engineers. Transportation, correspondence with vendor & other required formalities to affect repair to this equipment shall be under O&M Operator scope. All expenditure incurred shall be payable as per mutually agreed prices on receipt of necessary supporting documents & actual bills.

VI) EQUIPMENT LIST

The scope covers all the equipment's (Stationery and rotary), Electrical, Instrumentation, all the structures, and the entire pipeline in the LDC system including water utilities, BSNL Optical Fiber cable.

VII) ACTIVITIES TO IMPROVE THE EMPLOYEE ENGAGEMENT AND O&M OPERATOR PERFORMANCE

- Employee of the month award for outstanding performance for both technicians and employees.
- Safety performance award to promote near miss reporting and safety observations.

- Imparting Technical and safety training by outside agency on monthly basis to train and improve the skills technicians and employees.
- O&M Operator should publish the in-house newsletter/ Monthly report with the detailed coverage of their current performance, improvements and future plans.

VIII) PROACTIVE RELIABILTY MAINTENACE PROGRAM (PRM)

The scope of work generally covered under the proposal shall be for all the equipment in LDC and associated equipments. To accomplish the objective of PRM, The O&M Operator Condition Monitoring techniques shall be applied.

- Vibration Analysis
- Transformer Oil Analysis
- Bearing failure analysis
- Laser Alignment
- In-situ balancing,
- Infrared thermography
- MCA, OTDR

IX) SECURITY

O&M Operator has to employ the adequate security personnel to safeguard the equipments, offices and all associated equipments equipments/offices/premises of LDC system as defined in Battery Limits. There shall be sufficient security manpower to ensure the service round the clock throughout the length of the LDC system. The details of security to be deployed will be intimated separately in the annexure. The accommodation for security will not be allowed inside the plant premises and the suitable accommodation within 1-2 KM radius to be ensured by the O&M operator. This rule excluded for those security staff deployed or base at mines.

O&M OPERATOR'S OBLIGATION

a) OPERATION AND MAINTENANCE MANUAL

The O&M Operator shall prepare and submit to the Owner: (i) two sets of a preliminary draft of the maintenance Manuals for review and comment by the Owner after one month of award of contract (ii) two sets of a final draft of the Manuals for review and approval by the Owner after fifteen days of providing comments on preliminary draft, and (iii) six complete sets of the final maintenance Manuals for review and record by the Owner not later than seven days after the clearance on the final draft of manual. All the above shall be submitted in soft copy as well. The foregoing review and approval procedure shall apply equally to each revision of the manuals submitted to the owner until the maintenance manuals submitted by the O&M Operator are complete, accurate and to the satisfaction of the Owner.

The maintenance manuals shall be based on the Manufacturers' Manuals of individual equipment's and mechanical systems, standard and best maintenance

practices in the industry, various Indian and International standards, and other procedures with respect to the operation of the Plant.
Prepare checklist for job and get it rectified through owner's engineer.

b) OPERATION AND MAINTENANCE SCHEDULE AND REPORT

1. Daily, Weekly & monthly production report as per the requirement.
2. Equipment running time and down time report keeping.
3. Equipment/spares replacement record keeping.
4. Preparation & periodic review of PM schedule.
5. Records of equipment inspection as per good engineering practices, records of maintenance and repairs carried out.
6. Periodic maintenance reports on daily, weekly, monthly and yearly basis. Report on stock of spares and consumables under O&M Operator's custody. The O&M Operator shall prepare the safety stock & reordering levels of all tools & tackles, consumables & shelf life items in consultation with Owner's engineer in charge & maintained accordingly. Review of the safety stock shall be done depending upon the consumption from time to time.
7. The O&M Operator shall maintain the statutory maintenance schedule as per the factory safety act 1947 and shall submit the monthly report on statutory compliance report.
8. The O&M Operator shall maintain the complete material receipt record and shall submit the reconciliation statement on monthly basis. The O&M Operator shall submit a separate reconciliation report on monthly basis for lubricants, paints, consumables and steel or any other item on mutually agreed basis.
9. The O&M Operator shall submit computerized attendance report of the complete manpower on daily as well as monthly basis. Shall strictly implement Biometric attendance system and for Invoice certification CLIMS data of Utkal is final within +/- 3% deviation. Efforts shall be deployed to link for those remote area deployed employees on manual punching thro mobile bio metric data manager or with daily sync once.
10. The O&M Operator shall submit the monthly consumables stock & consumption during the month along with the safety stock under O&M Operator's custody. If any job is delayed or likely to be delayed because of non-availability of tools & tackles and consumables, the same may be arranged by the owner at the cost & risk of O&M Operator.
11. O&M Operator shall prepare e Monthly Report for review which should clearly depict the major jobs executed, improvement initiatives, safety initiatives, training and future action plans to improve the system performance.

c) AMC for Specific/ Critical Equipment.

The O&M operator shall enter AMC with the OEM for the following special equipments: In case any of the visit/service is arranged by Utkal will be suitably deducted from O&M operator

i. VFD – Continuous on site, OEM experts shall be called at time of urgency.
ii. PLC– Continuous on site, OEM experts shall be called at time of urgency
iii. UPS- Quarterly once and as per emergency requirement. It should be of comprehensive type.
iv. Battery Charger- Quarterly once and as per emergency requirement.
v. HVAC- Continuous on site, consumables will in AMC scope
vi. Hydraulic Disc Brake – Quarterly once and as per emergency requirement.

vii. Conveyor Belts- Continuous on site, OEM experts shall be called at time of urgency
VIII. Elevator/lifts /Hoists- Continuous on site, consumables will in AMC scope
IX. Optical Fibre network- Continuous on site
X. Statutory TPI for lifting tools and tackles
XI. Govt. authorized certification for annual inspections of HEMM/cranes

d) SAFETY AND HOUSE KEEPING

Safety rules that apply to employees of Owner shall be applicable to O&M Operator. O&M Operator shall have a site safety officer that has overall responsibility for coordinating O&M Operator safety activities including auditing and reporting and for interfacing with Owner's HSE department. The safety team shall also contain one Jr Safety officer and one experienced person from plant engineering teams.

1. O&M Operator shall maintain an inventory of approved PPE and supply each of his employees with PPE as required and shall ensure that such PPE are used in accordance with Owner's HSE guidelines. O&M Operator shall provide to all employee's uniform, seasonal requirement like raincoats, winter wear etc. for smooth operation of plant.
2. Routinely conduct safety meetings and submit monthly MOM to Owner's representative.
3. Participate in hazard control program by identifying, correcting, and eliminating hazards in workplace.
4. Ensure that employees receive safety training; can demonstrate and habitually practice safety in activities in which they are engaged
5. Use approved fall protection device when working at elevation in excess of two (2) meters above ground.
6. Promote an injury free workplace by including safety activity in daily assignment.
7. Report and investigate all incidents and accidents involving O&M Operator employees.
8. Inspect, test and record the test results of all lifting devices (cranes, slings, chain falls, etc.) as per statutory requirements.
9. Routinely perform housekeeping activities and ensure that work sites and work areas are maintained to good industry standards. Shall follow the 5S visual standard for implementation.
10. Shall practice BBS based safety observations driven by culture for all engineering staff at work.
11. Shall strictly implement 100% compliance to all specialized PTW systems like confined space, height work, LOTOTO etc. for the specialized works. They shall buy an Oxygen gas tester, if required they may also buy multi gas tester and shall obtain Authorised gas approver certification for the same by appropriate training.

In case of the violation of the standard guidelines on safety, Owner can impose Penalty and/or Owner can take disciplinary action against the concerned.

The O&M Operator shall ensure good housekeeping of the area under its control. In case poor housekeeping is noticed by the Owner, Owner can engage their own agency for housekeeping at the cost of the O&M Operator/impose penalty on O&M Operators.

The O&M Operator shall submit the house keeping report on the equipment cleaning and site cleaning on monthly basis. The O&M Operator shall follow the best safety practices. The O&M Operator shall follow the Owner's procedures and PPE and the O&M Operator's safety policy and HSE.

The maintenance O&M Operator will ensure the supply and usage of all the safety and personnel protective equipment (PPE) prescribed under the Factories Act and rules/Owners Safety manual, for the specific job for which they are engaged. In case of the violation of the standard guidelines on safety, Owner can impose penalty and/or Owner can take disciplinary action against the concerned.

3. COMMUNICATION

The O&M Operator shall plan and procure the sufficient mobile handsets for communication with the Owner's maintenance engineers. All the engineers of the O&M Operator shall have mobile phones for communication with the Owner's maintenance team. Also, the O&M Operator, shall arrange Walkie-Talkies sets for their staff inside the plant for proper communication.

All the arrangements for O&M Operator's employees like conveyance, canteen, traveling etc. shall be made by the O&M Operator at its own. However, for the purpose of accommodation if so desires by the O&M Operator, Owner may give some land for the purpose of constructing PORTA CABINS.

The O&M Operator shall comply with all statutory requirements and contract labour act applicable at Orissa state by their own effort and cost.

Insurance coverage, accident claim, and other labour-oriented disputes related to O&M Operator's manpower shall be entirely O&M Operator's responsibility with no direct or indirect involvement of Owner. The O&M Operator shall cover their supervisory staff under suitable "Group Personal Accident Insurance Policy" and all their workmen under any group insurance policy as required by workmen compensation act as per latest amendment.

4. O&M OPERATOR'S COMMITMENT

In furtherance of the obligations and responsibilities of the O&M Operator as specified in the respective Clauses the O&M Operator shall perform the following services at different phases of the contract.

a. COVENANTS OF THE O&M OPERATOR

- Provide operations & maintenance services necessary to operate and maintain the facility, including all associated mechanical equipments, electrical equipments, instrumentation equipments in accordance with this agreement and prudent operating practices.
- Perform, monitor and manage daily and preventive maintenance, periodic schedule inspection, and scheduled planned maintenance, major maintenance repairs, and overhauls for all the plant equipments as per the approved maintenance plan and perform unplanned repairs and maintenance during emergency plant/equipment shutdown.

- Ensure the safety of all of the O&M Operator's staff including development and observance of an appropriate safety program.
- Maintain plant equipment and mechanical systems of the plant so as to achieve zero down time of the plant, including taking all reasonable corrective actions approved by the Owner to achieve the same.
- Notify the Owner immediately after discovery of any abnormal operating condition of any unit or adverse characteristic of any equipment and take prompt action in an effort to prevent any damage to the process, person or property.
- Prepare and submit to Owner maintenance manuals, Annual Maintenance Plans, monthly preventive maintenance schedule, and implement procedures for predictive and preventive maintenance so as to maximize equipment and plant reliability, efficiency and availability.
- Adopt and use quality management systems and modern maintenance technique such as TPM/TQM.
- Comply with all norms and practices and prepare necessary documentation to obtain within reasonable time the ISO 9001, ISO 14001 & ISO 18001 certificate for quality, environmental and safety accreditation respectively in all spheres of operation and maintenance activities.
- Operate and maintain the fire protection, alarm system and safety equipments. Fire hydrant in the facility premises will also be maintained by the O&M Operator. In case of fire, O&M operator will support owner for fighting along with firefighting team owner.
- Take final sample from the outlet of the crusher for analysis on daily basis as per the Owner's prescribed schedule.
- Maintain the public address system inside the facility and the pest control activities in the facility area.
- Operate and maintain the start-up facility emergency diesel generators which includes every start-up/trial run for these sets and day-to-day maintenance. Fuel, lube oil, consumables and major overhaul of emergency diesel generators including spares shall be supplied by the owner.
- Carry out painting, repairs, walkways, civil/mechanical/electrical structures.
- Secure, comply with & renew all government permits, licenses & approvals required to be held by O&M operator in order to execute the job without any issues.
- Establish and maintain good relation with personnel of the existing Facility and with the local community.

- Review the spare parts lists and prepare spare parts inventory recommendations and confirm that the spare parts inventory in the plant are sufficient to support all types of maintenance work.
- Operate the facility so as to achieve the Performance guarantee as defined.
- The O&M operator shall be responsible for operation and maintenance of LDC as per Appendix-2, but not limited to which is not specified in the contract agreement but required for the achievement of desired production.
- Regular, periodic, shutdown & breakdown maintenance

    - Greasing in all points of Equipments
    - Lube oil replacement in gear box
    - Replacement of Skirt rubber, liner plate, belt scraper & asbestos rope in chute.
    - Replacement of liners in chute (abrasive index of bauxite-50gm/tons).
    - Replacement & overhauling of bearing, plumber blocks, shaft, coupling, belt, pulley, roller, gear box, bull gear as per requirement.
    - Dismantling and erection of equipment's as per requirement/ maintenance schedule.
    - Checking of alignment of equipments as per requirement.
    - Steel chord belt jointing.
    - Maintenance of hoists in the scope of the Facility.

b. COMMITMENT DURING THE DE-MOBILIZATION PERIOD

In addition to the other services and any other obligations expressly surviving the termination of the contract, the O&M Operator shall, as soon as reasonably practicable following the commencement of the Demobilization period:

- Prepare and hand over an updated inventory stock list of all consumables and spares which are the Property of Owner.
- Handover all the items of Tools, equipment, machinery and materials belonging to the Owner, buildings facilities along with all documentations, originally received drawing etc., in the condition in which such originally received by the O&M Operator.
- Remove all the O&M Operator's tools, equipments and materials from the site after getting Owners written approval.
- Assist in smooth take over by the other party engaged by Owner as instructed by Owner.

ARTICLE 3

RESPONSIBILITIES AND RIGHTS OF THE OWNER

The Owner shall perform the obligations undertaken by it in this Article 3: **(i)** at its own cost and risk; **(ii)** at such times and in such manner as may be requisite to the O&M Operator's expeditious and orderly performance of its obligations; and **(iii)** in accordance with Prudent Operating Practice and the other provisions of this Agreement. This Article 2 shall be read in conjunction together with Appendix 1 Battery Limits and Appendix 2 Responsibility Matrix.

3.1 The Owner's Responsibilities

The Owner shall be responsible for the following activities, each to be at the Owner's risk and expense unless otherwise expressly provided herein. Accordingly, the Owner shall:

3.1.1 Provide free and unhindered access to designated representatives of the O&M Operator in the Facility who is required to perform services as envisaged in this Agreement within the security and safety parameters as prescribed by the Owner;

3.1.2 Provide all available drawings, specifications, diagrams, manuals and other information as available (English version) regarding the Facility that are required for the operation and maintenance of the Facility including those furnished to the Owner by Original Equipment Manufacturers and EPC Contractor(s); During the tenure of the contract, The contractor shall arrange to collaborate with the OEM of those sub-contracts awarded by them for maintenance and upkeep of Drives/HVAC/Hydraulic systems as and when required for trouble shooting and maintenance.

3.1.3 Secure, comply and maintain all governmental licenses, permits, statutory clearances and approvals necessary for operation and maintenance of the Facility and bear all statutory expenses related thereto;

3.1.4 Make payments to the O&M Operator in accordance with Article 4 of this Agreement;

3.1.5 Provide communication lines with broadband internet connection and telephone facilities to the O&M Operator as available;

3.1.6 Designate the Owner's Representative and provide O&M Operator with policy directives from time to time;

3.1.7 Procure and provide without any delay, specifications conforming primary and secondary fuels, lube oils, raw water, spares, chemicals and consumables as per Appendix -6 including the first fill as defined in the EPC Contracts;

3.1.8 Procure and provide all major testing, measuring and calibration equipment for mechanical, electrical, instrumentation and chemical laboratory equipment to

the O&M Operator for carrying out the Work. However maintenance and calibration of the same during the validity of the Agreement is the responsibility of the O&M Operator. Any replacement of such equipment will be to the account of the Owner;

3.1.9 Carry out painting, repairs of all roads, walkways, civil / mechanical / electrical structures , buildings and other things related to Facility;

3.1.10 Provide major repairs of capital nature for all roads, walkways civil/ mechanical / electrical structure , buildings and other things related to Facility;

3.1.11 Provide Machinery Breakdown Insurance, Fire & Allied perils insurance and payment of deductibles and depreciation thereon in accordance with Article 10.2 herein;

3.1.12 The Owner shall arrange at its own cost and risk the repair or replacement of the Facility or any equipment therein which suffers a damage due to or as a result of Force Majeure;

Owner shall be responsible for all the above-mentioned Machinery Breakdown costs and expenses even in the event the Owner decides not to claim a Machinery Breakdown from its insurers due to the fact that the estimated costs and expenses for the repair of the Machinery Breakdown would be less than the deductible payable by the Owner under the insurance. Such costs and expenses shall not be the responsibility of the O&M Operator.

3.1.13 Be responsible for any damage, loss, maintenance, defect, shutdown, failure and unavailability to and of the Facility and any equipment on the Facility arising out of or as a result of Default Event.

3.1.14 Provide the spares parts required for fire protection and detection system;

3.1.15 Provide landscaping and horticulture of the Facility;

3.1.16 Be responsible for all costs and expenses - capital or operational, and / or any effects due to or arising as a result of a Change of Law;

3.1.17 Review promptly the documents submitted by O&M Operator to Owner for its approval and/or actions;

3.1.18 Provide the following facilities

- Workshop facilities to the O&M Operator;
- Canteen facilities of the main plant to the O&M Operator on chargeable basis; or take suitable arrangements for food from nearby vicinity.
- Office area approx. 400 Sqft at plant end junction house. However, the office furniture and all types of stationary shall be arranged by O&M Operator.
- Cover shed for the stores approx. area of 4000 Sqft near refinery bauxite yard.
- Owner shall furnish to O&M Operator, at Owner's expense, all the information, drawing / documents and spare equipments necessary to carry out the maintenance work. All such items shall be made available at such times and in such manner as may be reasonably required by the O&M

Operator. All materials and documents furnished to the O&M Operator by Owner shall be delivered to the Owner upon expiration of the Term.

- Owner shall carry out at its expense any up-gradation, modernization, expansion, or changes to be necessary for the improvement / capacity enhancement of process.
- Owner shall obtain or acquire at its cost and expense any statutory clearances required from time to time in connection with the operation of the plant. However, all the clearance required by the O&M Operator to perform the services at the site shall be in the O&M Operator's scope.
- The Owner shall provide the O&M Operator with facilities for offices as available, storage of materials according to the needs. However, the office furniture and all types of stationary shall be arranged by the O&M Operator.
- Telephone (Intercom) and LAN connection shall be made available at O&M Operator's site office. First – Aid facility shall be provided to O&M Operator's employee inside the plant as and when necessary. But the O&M Operator shall arrange medicals for their employees and family members at their own.
- The Owner shall be responsible for the security of the plant and materials under Owner's possession.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

ARTICLE 4

CHARGES FOR SERVICES & PERFORMANCE GUARANTEES

This Agreement is a service agreement and both the Parties to the Agreement do not intend to transfer any property in goods in the course of execution of the Agreement.

4.1 Mobilization & Set up Fees

4.1.1 Not applicable.

4.2 Performance Bank Guarantee:

4.2.1 The O&M Operator shall furnish a Performance bank Guarantee for 10% of first year Fixed O&M fee (total first year O&M Fee) before 15 days prior to completion of Pre-operating period. Validity of PBG shall be up to completion of the first Operating year or Termination of the Agreement (whichever is earlier). Every year the PBG shall be extended and enhanced to cover 10% of the respective Operating year Fixed O&M fee, one month prior to start the respective Operating Year. Validity of the claim period for the PBG shall be 3 months from the date of Termination of the Agreement or the completion of the respective Operating Year (whichever is earlier) for all claims raised up to the date of the Termination or completion of the Operating year, whichever is earlier.

The Bank Guarantees shall be as per the format of Owner from a reputed bank approved by Owner.

4.3 Pre-Operating Period Fee

4.3.1 Not applicable.

4.4 Payment for fixed O & M Fee during Operating Period

4.4.1 The Invoice for the Fixed O&M Fees shall be paid in 12 equal monthly installments. Invoice for the Fixed O&M Fee for each calendar Month shall be raised on the last day of the same Month and the Fixed O&M Fee shall be payable by Owner to the O&M Operator as per score card, subject to deduction of TDS and any other deduction as provided for in this Agreement, within 30 (Thirty) days of the date of submission of the invoice.

4.4.2 Payments by Owner to the O&M Operator under this Agreement shall be made to the bank account indicated on the O&M Operator's invoice. Any and all payment obligations of Owner shall not be transferred to another party without the O&M Operator's express written consent. The O&M Operator shall have to submit the declarations and proof of all statutory compliances for the immediately preceding month to process the bill for the next month.

4.5 Fixed O&M Fee

4.5.1 The Owner shall pay the O&M Operator a monthly fixed fee starting from 01.03.2023 upto the termination of the Agreement ("Fixed O&M Fee"). The Fixed O&M Fee during the first Operating Year 1 i.e. from 01.03.2023 till 29.02.2024 is Rs.22.20 Crore (Rupees Twenty Two Crore Twenty Lakh only) and shall be escalated by 5% at end of each Operating Year on cumulative basis for each

Operating Year until the expiry or termination of the Agreement. The escalation shall be calculated based on the Fixed O&M Fee for the preceding Operating Year During the entire Operation and Maintenance period of the of Agreement term, the O&M Operator shall be the solely responsible for Annual Increments of all of their employees whether permanent and contractual in nature. The necessary statutory compliance like, PF, Gratuity, Bonus, Leave, Insurance etc. shall also be in the scope of the O&M Operator.

4.5.2 Taxes and Duties

GST as applicable on the Fixed Maintenance Fee shall be reimbursed at actual, reimbursement of GST will only be done on compliance with GST Rules & Regulations and matching of data in GSTIN network. Any taxes, duties and similar fees as applicable from time to time due to Change of Law shall be for the account of the Owner.

Income Tax at the prevailing rate shall be deducted from O&M Operator's bills and deposited to the credit of appropriate authority, for which Owner shall provide necessary certificates.

O&M Operator shall indemnify Owner against any liability arising towards all statutory payments.

All other levies, fees , BOCW Cess .as may be applicable & chargeable to scope of works, shall be borne by The O&M Operator

All other levies, fees as may be applicable & chargeable to scope of works, shall be borne by O&M Operator.

If the BOCW Act/Rules are applicable to the nature/ scope of works of the O&M Operator, as a condition to this precedent, it shall be the sole and absolute liability and responsibility of the O&M Operator to obtain registration under the Building and Other Constructions Workers (BOCW) Act, 1996 and comply with the rules and regulations made thereunder, entirely at the O&M Operator's own costs, charges and expenses. The O&M Operator shall punctually asses, pay and deposit the BOCW cess (as determined under the BOCW Cess act 1996 and Rules made thereunder as per the applicable rate as may be modified from time to time) with prior consultation with the Owner and shall submit proof of such registration and payment of cess to the Owner within 7 days of such compliance. The amount so deposited will be reimbursed by Owner within 30 days from the date of submission of proof of such payment. In the event the assessment is not accepted by the Cess collector/ statutory authority under the BOCW Act & the Cess Act and any additional demand is raised, the additional demand as finally determined shall be paid by the O&M operator and subsequently reimbursed by the Owner within 30 days of submission of proof of payment by the O&M Operator.

Non-compliance by the O&M Operator of the BOCW (Regulation of Employment and Conditions of Service) Act, 1996 or BOCW Welfare Cess Act, 1996 or rules framed thereunder, shall constitute a material breach of the Contract.

Statutory variation in taxes & duties and/or imposition of any new tax/duty after the date of this Agreement shall be to Owner's account.

It is understood by the Parties that the work area is a normal domestic unit and all the statutory levies as applicable on the date of this Agreement have all been considered either in O&M Operator's scope or in Owner's scope.

4.6 Deemed Availability:

4.6.1 The O&M Operator shall not be responsible for such Annual shut down, of Facility, unavailability or part load operation and the equipment so affected shall be deemed to have run during the affected hours ("Deemed Availability").

4.6.2 However, if the facility is shut down, unavailable in any way or under part load operation arising out of or resulting due to any reason(s) attributable to any of the events described below (such events referred to here as "Default Events"- Loss of feed from Mines, Bauxite handling system - stacker and associated equipment unhealthiness, Yard stock, restriction on direct feed

(i) The Owner, an act or omission of the Owner, or an event which the Owner or third party engaged by owner is responsible under this Agreement.

4.7 De-Mobilization Fee

4.7.1 Payment in the event of Termination as a result of Articles 6.2.1.

In addition to any other payments payable upon termination, in the event of termination of the Agreement, Owner shall pay the O&M Operator a demobilization fee in an amount equal to 2 (Two) Month Fixed O&M Fee amount of the Operating Year ("De-mobilization Fee"). During the Demobilization Period, no Performance Guarantees shall be applicable. Demobilization fee shall be paid only if the contract is being terminated by Owner as per his convenience without any reasons attributable to O&M Operator.

4.8 Performance Guarantees.

Sl.no	Parameters	Units	Value
1.	Plant availability	%	95
2	Bauxite transportation through LDC as per Owner Plan targets	%	100
3	Compliance of Operation/Mechanical/ Electrical/ Instrumentation schedules.	%	100
4	Compliance of manpower availability	%	100
5	The workmanship guarantee for all overhauled equipment's.	Months	Min six months
6	Availability of required tools and tackles	%	100

During the Operational Phase, the O&M Operator shall maintain the Performance Guarantees as defined in this clause 4.8 and is liable for payment of liquidated damages ("LD") as per the Performance Score Card.

4.8.1 Remedies

In case of failure by the O&M Operator to achieve the Performance Guarantees for reasons solely and primarily attributable to the O&M Operator and subject to the conditions as defined herein, and without prejudice to the Owner's rights available under applicable law the Owner may reduce such sums from O&M Operator's bills the LD (including service tax payable by the Owner) and not by way of penalty.

4.8.2 General

4.8.2.1 All the Performance Guarantees and Bonuses shall be applicable after Stabilization Period of individual Units.

4.8.2.2 Notwithstanding any other provision in this Agreement to the contrary, the O&M Operator's liability to the Owner for any failure to perform any obligation hereunder or the consequences of any such failure, for which LD are expressly provided as the Owner's remedy thereof, shall be limited, except in cases of O&M Operator perpetrating fraud, willful misconduct,. It is understood and agreed that payment of the relevant LD shall be the Owner's remedy with respect to any failure by the O&M Operator to reach Performance Guarantees parameters mentioned 4.8 and the O&M Operator's only liability in that respect.

4.9 Maximum Liquidated Damages

During any Operating Year, the Liquidated Damages payable for Performance Guarantees parameters mentioned 4.8 shall be limited to and shall in no event exceed ten percent (10%) of the Annual Turn Over of such Operating Year.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

ARTICLE 5

FORCE MAJEURE

5.1 Definition

5.1.1 For purposes of this Agreement the term "Force Majeure" shall mean any event or circumstance which is beyond the reasonable control of a Party to this Agreement as mentioned in Clause 5.1.2 and which materially and adversely affects the performance of its obligation or the enjoyment by that Party of any of its rights under or pursuant to this Agreement; provided that such material and adverse effect has not occurred due to the fault or negligence of the Party affected claiming an event of Force Majeure.

5.1.2 Without limitation to the generality of the foregoing, Force Majeure shall include the following events and circumstances to the extent that they satisfy the above requirements: Expropriation or confiscation of Facility; compliance with any order of Governmental Authority, sanction, terrorism, sabotage, war, Pandemic, COV-SARs 2, epidemic and/or malicious acts causing damage to the Facility which affects either Party's ability to perform the obligations under this Agreement; physical damage to the Facility resulting from hurricanes, landslides, lightning, fire/smoke, flooding, windstorms, earthquakes, abnormally adverse weather conditions and other Acts of God, acts of the public enemy, acts of war (declared or undeclared); blockade; embargo; insurrection; hostilities; civil unrest; military or guerrilla action; inability to obtain and maintain rights of way for, or ingress to or egress from the Site, necessary for the performance of the obligations; unforeseen soil and subsoil conditions; explosion; accidents; riots; unforeseen strikes, work stoppages, boycotts, walkouts or other labour disturbances, failures in common carrier services or utility services; or any causes, whether or not of the same class or kind as those specifically named above, which satisfy the requirements in the first paragraph of this Article 5.1.

5.2 Consequences of Force Majeure

5.2.1 Neither Party shall be deemed in breach of this Agreement due to any failure or delay in complying with its obligations under or pursuant to this Agreement (except the Owner's obligations to make payment as per Clause 4.1 – 4.5) to the extent that such failure or delay is due to one or more events of Force Majeure or their effects or by any combination thereof, and the periods allowed for the performance by the Parties of such obligations shall be extended for so long as such events or effects continue; and provided further that either Party may terminate this Agreement if Force Majeure affects a Party's performance for a continuous period more than one hundred and eighty days (180) by providing a thirty (30) Day written notice of such termination to the other Party (provided that the thirty (30) days' notice period may run concurrently with such one

hundred eighty (180) day period). During such 180 days, the O&M Operator shall be paid the O&M fees as per Clause 4.4.1 & 4.5. Based on the actual situation at Site, the Owner may ask the O&M Operator to progressively reduce the manpower strength and the Fixed O&M Fee may be revised based on mutual agreement during such limited 180 days. However remobilisation expenses shall be paid by the Owner for remobilising the demobilised manpower and equipment.

5.2.2 In the event of a Force Majeure the affected Party shall submit in writing to the other Party, the occurrence of the same within two (2) days citing reasons thereof.

5.3 Required Action

Performance hereunder shall be excused and affected Party shall be entitled to suspend the Work as a result of a Force Majeure event. The Party relying on the event or condition shall; (a) give the other Party written notice describing the particulars of the occurrence; (b) the scope of suspension of performance shall not be wider than or for a duration longer than that arising directly due to the Force Majeure (c) use all reasonable efforts to remedy its inability to perform, and provide the other Party with weekly reports on the efforts being made in this regard; and (d) when the non-performing Party is able to resume performance of its obligations under this Agreement, that Party shall promptly give the other Party written notice to that effect and shall promptly resume performance hereunder.

5.4 Changes Caused by Force Majeure

In case of Force Majeure affecting the affected Party's performance, the affected Party shall, as part of its notice of the occurrence of the Force Majeure event, provide its estimate of the length of delay, if any, in performance of its obligations under this Agreement, the affected Party shall substantiate the foregoing to the reasonable satisfaction of the other Party. If it is impracticable to specify the duration of such delay, while receiving such notice the affected Party shall thereafter from time to time issue notices to the other Party advising the other Party about the details regarding the force majeure conditions and if possible to indicate therein the length of time that the force majeure period is likely to continue.

5.5 Disputes; Burden of Proof

5.5.1 In case of a dispute regarding the application of the provisions of this Article, including any dispute as to whether a Force Majeure event has occurred or not, the Parties shall submit the dispute for resolution by referring it for arbitration as provided for in this Agreement, and the Party claiming a Force Majeure event would be required to establish the same and only thereupon the said Party would be entitled to claim relief under this Article.

5.5.2 In the event the Facility suffers loss or damage as a result of an event of Force Majeure the Owner shall be responsible to remedy such loss and damage at its own cost and risk.

ARTICLE 6

TERM, TERMINATION AND SUSPENSION

6.1 This Agreement will be effective upon the Owner as well as the O&M Operator executing the same and shall remain in force for a period of Three years and three month from 01.03.2023 till 28.02.2026.

6.2 Termination by the Owner

The Owner may terminate this Agreement

6.2.1 For its convenience by giving (30) Days written notice to the O&M Operator as mentioned in 4.7.1.

6.2.2 Upon thirty (30) Days written notice to the O&M Operator, upon the Bankruptcy, insolvency or dissolution of the O&M Operator;

6.2.3 Upon the expiry of ninety (90) Days written notice to the O&M Operator informing the O&M Operator about the existence of a substantial breach by the O&M Operator of its obligations in the Agreement and despite such notice if the O&M Operator has failed to remedy the breach within the notice period;

6.2.4 Upon thirty (30) Days written notice, if any event of Force Majeure continues for more than one hundred eighty (180) Days; provided that such thirty (30) Day notice period may run concurrently with such one hundred eighty (180) Day period.

6.2.5 If the O&M Operator, or any of its shareholders, managing director or Affiliates a) becomes or is a sanctioned party under any national or international regulation, including without limitation regulations in the European Union, the United States of America and other jurisdictions, or b) becomes or is associated or affiliated (in any way whatsoever) with any person or country that that is sanctioned under such regulations, or c) is involved in activities that are subject to sanctions under such regulations

6.3 Termination by the O&M Operator

The O&M Operator may terminate this Agreement

6.3.1 Upon thirty (30) Days written notice to the Owner, upon the Bankruptcy, insolvency or dissolution of the Owner;

6.3.2 Upon ninety (90) Days written notice to the Owner if there is a material failure by the Owner to perform its obligations hereunder;

6.3.3 Upon thirty (30) Days written notice, if any event of Force Majeure continues for more than one hundred eighty (180) Days; provided that such thirty (30) Day notice period may run concurrently with such one hundred eighty (180) Day period; or

6.3.4 If a suspension as set forth in Article 6.5 persists for a period of more than three (3) Months in aggregate.

6.3.5 If the Owner, or any of its shareholders, managing director or Affiliates a) becomes or is a sanctioned party under any national or international regulation, including without limitation regulations in the European Union, the United States of America and other jurisdictions, or b) becomes or is associated or affiliated (in any way whatsoever) with any person or country that that is sanctioned under such regulations, or c) is involved in activities that are subject to sanctions under such regulations.

6.4 Duties of the O&M Operator upon Termination

If requested by the Owner, the O&M Operator shall continue to perform the Work or any portion thereof directed by the Owner for up to sixty (60) additional days following the notice of termination. In turn, the O&M Operator will continue to be reimbursed and compensated in accordance with the applicable provisions of this Agreement so long as and to the extent that it continues to perform the Work, except that, during the period when notice of termination has been served, all Performance Guarantees and Liquidated Damages under this Agreement shall not apply during this period though all other conditions of the Agreement shall continue to be applicable (including the Owner's obligation to pay the Operating Fees) and the O&M Operator shall assign to the Owner or the O&M Operator's successor at the Owner's request all contracts it has entered into with third parties in performing its obligations under this Agreement.

6.5 Continuing of Work In the Event of Natural Expiry of the Agreement

In the event of natural expiry of the Agreement, the O&M Operator shall continue to perform the Work up to sixty (60) additional Days following the end date of the Agreement. This period will be overlapping period between the O&M Operator and the Owner / O&M Operator's successor. The O&M Operator will, in consultation with the Owner, reduce the manpower during such period and the Owner will continue pay the Fixed O&M Fee which shall be reduced in proportion to the reduced work and manpower. No Performance Guarantees or Performance Liquidated Damages shall be applicable during such period but all other conditions of the Agreement shall continue to apply for the Work performed during the sixty (60) Days period and the O&M Operator shall assign to the Owner or the O&M Operator's successor at the Owner's request all contracts it has entered into with third parties in performing its obligations under this Agreement.

6.6 Suspension by O&M Operator

6.6.1 If the Owner fails to pay any amounts due under this Agreement and such default shall not have otherwise been cured within fifteen (15) Days after the Owner's receipt of the O&M Operator's written notice thereof, the O&M Operator may suspend its performance of Work under this Agreement with a written notice to the Owner.

6.6.2 The Owner shall be responsible for all losses, claims, expenses, liabilities, damages, costs and consequences arising out of or relating to such suspension.

6.7 Anti-Poaching

Neither of the Parties may at any stage after the Commencement Date and for a period of 2 (Two) years after this Agreement has terminated, make any offer of employment to any Staff member who shall include but is not limited to permanent employees, part-time employees and independent contractors, who is or has been employed by the other Party and has been involved in the execution of this Agreement.

ARTICLE 7

INDEMNIFICATION

7.1 Indemnification by the O&M Operator

The O&M Operator, on behalf of itself and its successors and assigns, agrees to save, indemnify and hold harmless the Owner and its officers, employees, agents, representatives and Affiliates against any and all losses, claims, expenses, liabilities, damages and costs whatsoever for: (i) non-performance of its obligations or covenants under this Agreement,(ii) misrepresentation (iii) breach of confidentiality, (iv) violation of any applicable laws, (v) personal injury to or death of any Third Party; and (vi) direct loss or damage to any Third Party property or Owner's property, to the extent such personal injury, death, loss or damage is a direct result of the O&M Operator's Gross Negligence.

7.2 Indemnification by the Owner

The Owner, on behalf of itself and its successors and assigns, agrees to save, indemnify and hold harmless the O&M Operator and its officers, employees, agents, representatives and Affiliates against any and all losses, claims, expenses, liabilities, damages and costs whatsoever for: (i) non-performance of its obligations or covenants under this Agreement,(ii) misrepresentation (iii) breach of confidentiality, (iv) violation of any applicable laws, (v) personal injury to or death of any Third Party; and (vi) direct loss or damage to any O&M Operator property, to the extent such personal injury, death, loss or damage is a direct result of the Owner's Gross Negligence.

7.3 Notices

7.3.1 If a Party entitled to indemnification hereunder (the "**Indemnified Party**") intends to seek indemnification under this Article 7 from the other Party (the "**Indemnifying Party**") with respect to any losses, claims, expenses, liabilities, damages and costs, the Indemnified Party shall promptly give the Indemnifying Party notice of such losses, claims, expenses, liabilities, damages and costs.

7.3.2 The Indemnifying Party shall have no liability under this Article 7 for any losses, claims, expenses, liabilities, damages and costs for which such notice is not provided, except to the extent the failure to give such notice does not actually prejudice the Indemnifying Party.

7.3.3 The Indemnifying Party shall have the right to assume the defense of any such losses, claims, expenses, liabilities, damages and costs with counsel designated by the Indemnifying Party and reasonably satisfactory to the Indemnified Party; provided, however, that if the defendants in any such losses, claims, expenses, liabilities, damages and costs include both the Indemnified Party and the Indemnifying Party, and the Indemnified Party shall have reasonably concluded that there may be legal defenses available to it which are different from or additional to those available to the Indemnifying Party, the Indemnified Party shall have the right to select separate counsel to assert such legal defenses and to otherwise participate in the defense of such losses, claims, expenses, liabilities, damages and costs on behalf of such Indemnified Party.

7.3.4 Should the Indemnified Party be entitled to indemnification under this Section as a result of a claim or action by a Third Party, and should the Indemnifying Party fail to assume the defense of such claim or action, the Indemnified Party may, at the expense of the Indemnifying Party, contest or, with the prior consent of the Indemnifying Party, settle such claim or action.

7.3.5 Except to the extent expressly provided herein, no Indemnified Party shall settle any claim or action with respect to which it has sought or intends to seek indemnification pursuant to this Section 7.3 without the prior written consent of the Indemnifying Party, which consent shall not be unreasonably withheld or delayed.

7.4 Employees

Neither Party nor its directors, officers, employees, agents, affiliates or representatives, nor any independent subcontractors engaged by it in connection with the performance of this Agreement, shall be deemed an employee of the other Party. Neither Party shall bring any claim against the other Party or its directors, officers, affiliates, agents, representatives, employees or independent subcontractors with respect to any liability for compensation under any applicable Indian stature or any Governmental Rules, including, but not limited to, workmen's compensation and / or employer's liability and/or employees claims.

7.5 Safety

The O&M Operator shall follow the safety rules and regulations as prescribed by the Owner to prevent any damage or accidents to the O&M Operator's workmen.

7.6 Security

The O&M Operator shall strictly enforce the security rules prescribed by the Owner and accordingly regulate the entries and exits of the workmen under its control.

7.7 Misconduct

In case any employee or workman of the O&M Operator is misbehaving or committing any act of misconduct, the Owner's authorized representative shall advice the O&M Operator to replace such employee or workman whereupon the O&M Operator shall promptly replace the said employee or workman if the employee or workman in question has not cured its behaviour after O&M Operator's notice thereof.

7.8 Survival of Obligation

The duty to indemnify under this Article 7 is a continuing obligation separate and independent from the other obligations of each of the Parties, and shall continue in full force and effect notwithstanding the expiration or termination of this Agreement with respect to any losses, claims, expenses, liabilities, damages or costs based on facts or conditions, which occurred prior to such expiration or termination.

ARTICLE 8

CONTAMINATION; HAZARDOUS SUBSTANCES

8.1 Environmental Responsibilities of the Owner

8.1.1 The Owner shall be responsible for all costs and expenses associated with any clean-up, removal, response and/or remediation of any and disposal of all Hazardous Substances, Contaminations, and waste materials or effluents strictly in accordance with all Governmental Rules and as may be prescribed by any Governmental Authority or any lender providing financing for the Facility except Hazardous Substances that were brought to the Site by the O&M Operator and that were released into the environment to the extent such release is caused by the Gross Negligence of the O&M Operator in the use, occupancy of, entry or re-entry to the Site.

8.1.2 The Owner shall indemnify and hold harmless the O&M Operator, its officers, employees, agents, representatives and Affiliates, from and against any and all losses, costs, claims, actions, damages, liabilities, fines, penalties or expenses (including reasonable legal expenses) arising out of or resulting from (a) any matter for which the Owner is responsible pursuant to section 8.1.1, or (b) any Contamination occurring on or outside the Site which is attributable to any materials that arise out of, or result from, or relate to (i) the use or occupancy of, or entry or re-entry on, the Site (whether before, during or after the term of this Agreement) by the Owner's employees, agents or representatives. The procedure in Article 7.3 shall apply for the indemnity in this Article 8.1.2.

8.2 Environmental Responsibilities of the O&M Operator

8.2.1 The O&M Operator shall be responsible for the reasonable costs and expenses associated with the cleanup, removal, response and/or remediation of any and all Hazardous Substances that were brought onto the Site by the O&M Operator and that were released to the environment, to the extent such release of Hazardous Substances is caused by the Gross Negligence of the O&M Operator.

8.2.2 The O&M Operator shall indemnify and hold harmless the Owner, its officers, employees, agents, contractors, vendors, representatives and affiliates, from and against any and all losses, costs, claims, actions, damages, liabilities, fines, penalties or expenses (including reasonable legal expense) arising out of or resulting from an event for which O&M Operator is responsible under Article 8.2.1. The procedure in Article 7.3 shall apply for the indemnity in this Article 8.2.2.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

ARTICLE 9

WARRANTY AND LIMITATION OF LIABILITY

9.1 Warranty

The O&M Operator warrants that it performs its obligations, covenants in accordance with this Agreement and shall comply with all the statutory laws, rules, regulations and amendments thereof.

9.2 Express warranty

The express warranty set forth in this article 9 is exclusive, and there is no other implied warranty of merchantability, nor other warranty, express, implied, or statutory, nor any affirmation of fact, or promise by the O&M Operator with reference to the operation and maintenance of the Facility or parts thereof, or otherwise, which extends beyond the description of the equipment and services as set forth herein. The Owner acknowledges that it is contracting solely for the operation and maintenance services for the Facility excluding main control room operation on the basis of the commitments of the O&M Operator expressly set forth herein.

9.3 Warranty Exclusions

The warranty set forth in the section above does not cover any malfunction caused by alterations carried out without the O&M Operator's written consent; improper installation by any person other than the O&M Operator or persons nominated, permitted or authorised by the O&M Operator; or other reasons outside of the O&M Operator's control.

9.4 Limitation of liability

9.4.1 In no event, whether as a result of breach of contract, breach of warranty, or otherwise, and whether arising before, during or after the Effective Date, shall the O&M Operator be liable for any indirect, contingent, special, consequential or incidental loss or damage including, without limitation and without being limited by the meaning of "indirect", "contingent", "special", "consequential" or "incidental", any loss of actual or anticipated profits or revenue or any failure to realise anticipated savings, loss of opportunity, business or business opportunities, any penalties payable under agreements other than this Agreement, loss of goodwill, loss of production, loss of use, wasted overheads, punitive or exemplary damages, damage to the Site or any other property, or for loss of time or use of any equipment, installation system, operations or service into which parts may be put, or with respect to which any services may be performed by the O&M Operator, however caused or arising, including arising under the contract.

9.4.2 This limitation on the O&M Operator's liability shall apply (without limitation) to any liability for default under or in connection with the equipment, hardware,

goods, parts and/or services delivered hereunder, whether based on warranty, failure of or delay in delivery or otherwise.

9.4.3 This limitation shall not apply if there is willful gross negligence and violation of laws including ESI & labour laws.

9.5 Maximum Aggregate Liability

Notwithstanding any other provision of this Agreement, the each Party's maximum aggregate liability to the other Party or its employees, representatives or their Affiliates respectively pursuant to or arising out of this Agreement whether arising from breach of contract, Liquidated Damages, in tort, breach of contract, indemnities or any other cause of action, shall be limited to the O&M Operator's Fee paid by Owner to the O&M Operator at the time any such liability arises, excluding violation of laws, fraud or wilful misconduct.

9.6 Claims Time Barred

9.6.1 Any and all claims by the O&M Operator for an alleged negligent act, error or omission by the Owner in discharging their Obligations under this Agreement shall be presented by the O&M Operator to the Owner in writing, immediately upon discovery or as soon as is reasonably practicable.

9.6.2 The liability of the O&M Operator shall after three years (or such time as per applicable laws) upon expiry or termination of this Agreement, whichever occurs earlier.

9.7 Validity of Disclaimers

9.7.1 Releases, disclaimers and limitations on liability expressed herein shall apply even in the event of the fault of the party whose liability is released, disclaimed or limited to the extent provided in such release, disclaimer and limitation, such fault to include the negligence, strict liability or breach of contract (including other legal bases of responsibility such as fundamental breach).

9.7.2 All releases, waivers, or limitations of liability given by the Owner in favour of the O&M Operator expressed in this Agreement shall apply equally to any Affiliate of the O&M Operator.

9.8 Exclusive Remedy

9.8.1 The Owner's rights and remedies, whether for breach of contract, breach of warranty, tort or otherwise are exhaustive as set out in this Agreement.

9.8.2 The express warranties and guarantees set forth in this Agreement replaces any other warranties and guarantees express or implied including any other warranties and guarantees, against vices, non-conformity or defects, hidden or otherwise, and any other obligation, term or liability whether in contract or in law and the Owner hereby waives all other remedies, warranties and guarantees expressed or implied, arising by law or otherwise (including without limitation any obligations of the O&M Operator with respect to any fitness for purpose and merchantability).

9.9 Owner's Acknowledgement of Limitation on O&M Operator's Liability

The Owner acknowledges and agrees that the charges for services charged by the O&M Operator are based upon the Owner's acceptance of and agreement to the exclusions of and limitations to the O&M Operator's liability under this Agreement and on the Owner effecting and maintaining appropriate and adequate insurance under this Agreement, and that such fees would be significantly higher in the absence of such exclusions and/or limitations, and/or such insurance obligations. Accordingly, the Owner agrees that the exclusions and limitations of liability set out in this Agreement are fair and reasonable.

9.10 Invalidity

If any provision of this Article 9 is held by any court or other competent authority to be illegal, invalid, void or unenforceable in whole or part, the remainder of this Article 9 shall continue to be valid as to the other provisions thereof and the remainder of the affected provision. The Parties shall replace or amend any illegal, invalid, void or unenforceable provision with a legally acceptable alternative that meets or most closely meets the original intention of the Parties.

9.11 Foreseeability

Without prejudice to the generality of Section 9.4 in no event, whether as a result of breach of contract, breach of warranty, and whether arising before, during or after completion of the Work, shall the O&M Operator be liable for any loss or damage as could not have been reasonably foreseeable by the O&M Operator at the Effective Date.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

ARTICLE 10

INSURANCE

10.1 The O&M Operator's Coverage

The O&M Operator shall provide or obtain and maintain in force throughout the term of this Agreement, the following insurance coverage:

10.1.1 All employees of the O&M Operator shall be covered under the ESI Act and others shall be covered under group insurance scheme for any claim for personal injury or death of any person which has arisen out of or resulted during the course of employment.

10.1.2 Motor vehicle, general liability and other insurance and deductibles / excess thereon as may be required by any applicable Indian law or in order to enable the O&M Operator to comply with Prudent Operating Practice. Insurance of tools & tackles and other equipment being brought by the O&M Operator for performing its obligations shall also be in the scope of the O&M Operator.

10.2 The Owner's Coverage

Owner shall provide or obtain and maintain in force throughout the term of this Agreement, the following insurance coverage and take the risks and associated costs and expenses relevant insurance coverage:

10.2.1 Owner shall provide throughout the term of this Agreement, Fire and Special / Natural Peril Insurance which shall cover, among other things, fire, earthquake and flood damage and other allied perils. All deductibles, exclusions, depreciation, under the insurance and other deductions thereof will be to the account of the Owner.

10.2.2 Machinery Breakdown Insurance for the Facility: All deductibles such as exclusions, depreciation, excess, additional excess, under the insurance and other deductions thereof will be to the account of the Owner.

10.2.3 Worker's Compensation Insurance and deductibles and excess thereon: Insurance in respect of claims for personal injury to or death of any person in the employment of the Owner and arising out of and in the course of such employment, which insurance shall comply with all applicable Indian law and Governmental Rules. All deductibles such as exclusions, depreciation, excess, additional excess, under the insurance and other deductions thereof will be to the account of the Owner.

10.2.4 General Liability Insurance: All deductibles such as exclusions, depreciation, excess, additional excess, under the insurance and other deductions thereof will be to the account of the Owner.

10.2.5 All risk property insurance providing coverage for the Facility in an amount not less than the replacement value per occurrence.

10.2.6 All deductibles such as exclusions, depreciation, excess, additional excess, under the insurance and other deductions thereof will be to the account of the Owner.

10.3 Waiver of Subrogation and Additional Insured

10.3.1 The Owner and the O&M Operator each shall obtain waivers of any right of subrogation against the Owner and the O&M Operator and their officers, directors and employees that their insurers may have under any insurance policy cover note as provided for herein

10.4 Independent Coverages

The Owner and the O&M Operator shall require all their respective independent contractors and subcontractors to obtain, maintain and keep in force for the time during which they are engaged in performing services in connection with the Facility, reasonable adequate coverage in accordance with Prudent Operating Practice and reasonably acceptable to the Owner or the O&M Operator, as the case may be, and to furnish acceptable evidence of such insurance upon request. The Owner and the O&M Operator shall have no responsibility for the payment of premiums and claims for such insurance.

10.5 Certificates

Thirty (30) Days prior to Operational Phase, the Owner and the O&M Operator shall each furnish to the other, certificates of insurance, issued by the insurance companies providing the relevant insurances, evidencing the insurance required pursuant to this Agreement.

10.6 Deductibles and Claims Management

10.6.1 Claims Management: In the event of a loss or damage, the Owner and the O&M Operator shall first take all reasonable steps to recover the costs associated with such loss or damage through the appropriate insurance policies.

10.6.2 Insurance Deductible: The Owner and the O&M Operator shall each be responsible for the deductibles applicable with respect to the insurance policies that each is required to obtain and maintain pursuant to Sections 10.1 and 10.2.

10.7 Form and Content of Policies

All policies with respect to insurance maintained by the responsible Parties pursuant to this Article 10 shall:

10.7.1 With respect to liability insurance only, state that such insurance is primary, or excess only with respect to the specific primary policy provided by the same Party for such coverage, and not excess or contributing in respect to any other insurance (or self-insurance) available to the Owner, the O&M Operator or the additional insured and that all provisions thereof, except the limits of liability, shall operate in the same manner as if there were a separate policy covering each insured under each such policy;

10.7.2 Provide that the following cross liability clause is incorporated into each and every liability insurance policy: "In the event of claims being made by reason of: (i) personal and/or bodily injuries suffered by any employee or employees of one

insured hereunder for which another insured hereunder is or may be liable; or **(ii)** damage to property belonging to any insured hereunder for which another insured is or may be liable, then this policy shall cover such insured against whom a claim is made or may be made in the same manner as if separate policies have been issued to each insured hereunder, except with respect to the limits of insurance";

10.7.3 Provide that there will be no recourse against any additional insured for the payment of premiums or commissions, or deductibles or, if such policies provide for the payment thereof, additional premiums or assessments or deductibles, it being understood that these are obligations of the Party providing such insurance pursuant to this Agreement;

10.7.4 With respect to the interest of any additional named insured, provide that such insurance shall not be invalidated regardless of any breach or violation of any warranty, declaration or condition contained in such insurance by the primary named insured or any other named insured; and

10.7.5 The insurance policies for the all risk property and machinery breakdown insurance shall contain an obligation on the insurance provider to inform the O&M Operator of any expiry, cancellation or changes to such insurance policies.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

ARTICLE 11

CHANGE ORDERS

11.1 Change Order

In the event the O&M Operator reasonably determines that there is a requirement for a change in the Work, this Agreement and/or the Operating Fee due to:

(i) the Owner:

(a) failing to adhere to its obligations under this Agreement;

(b) making any modifications to the Facility that adversely affects the Operator's performance of the Work hereunder; or

(c) requests the Operator to perform any services not covered by the Work;

(ii) any events of Force Majeure if necessary ;

(iii) a Change of Law;

(iv) any loss, defect, damage, breakdown or maintenance which the Owner is responsible under this Agreement; or arising out of act or omission of the Owner or a Third Party; or

(v) any Section of this Agreement which provides that a change in the Work shall be implemented as a Change Order; or

the O&M Operator shall be entitled to a change order adjusting this Agreement and/or the Operating Fee and/or the Work and/or other compensation, as the case may be, as set forth in Section 11.2 (any such change herein referred to as a "**Change Order**").

11.2 Change Order Procedure

11.2.1 If the O&M Operator is entitled to a Change Order, the O&M Operator shall prepare (to the extent applicable) and submit to the Owner as soon as practicable (a "**Change Order Proposal**"):

(i) a description of the proposed Work to be performed and the timelines for its execution;

(ii) the anticipated change in the Annual Operating Plan, including an estimate of any increase or decrease in the cost projection in the Annual Operating Plan; and

(iii) the O&M Operator's proposal for adjustment to the Operating Fee and/or modifications to this Agreement, accompanied by detailed pricing and documentary evidence.

11.2.2 The Owner shall review the Change Order Proposal with the O&M Operator for the purpose of determining whether to proceed with the Change Order Proposal and, if so, for the purpose of agreeing on the matters set forth therein, including a mutually acceptable adjustment to the Operating Fee and / or the Work. As

soon as practicable after receipt of a Change Order Proposal, and in any case within fourteen (14) Days after such receipt, the Owner shall either approve or disapprove the Change Order Proposal, in writing.

11.2.3 A Change Order Proposal shall neither be implemented nor be effective till such time that the Owner approves the Change Order Proposal, in writing, as a Change Order.

11.2.4 If the Owner approves the Change Order in writing, the Owner and the O&M Operator shall then, as soon as practicable, sign the Change Order, which shall then operate as an amendment to this Agreement.

11.2.5 If a Change Order is pending either the approval of the Owner in terms of this Section 11.2 or a determination pursuant to Section 14.1, the Owner agrees to indemnify the O&M Operator against any and all losses, claims, expenses, liabilities, damages and costs whatsoever that the O&M Operator incurs as a result of or due to waiting for such approval or determination, as the case may be.

Article 12

ASSIGNMENT

12.1 Assignment by the O&M Operator

This Agreement shall not be assigned by the O&M Operator either to his Affiliate or any Third Party unless it has in the first instance secured the prior written consent of the Owner, such consent shall not be unreasonably withheld by the Owner.

12.2 Assignment by the Owner

This Agreement shall not be assigned by the Owner either to his Affiliate or any Third Party unless it has in the first instance secured the prior written consent of the O&M Operator such consent shall not be unreasonably withheld by the O&M Operator.

The O&M Operator hereby consents to the creation by the Owner of a security assignment of the Agreement in favour of any Financing Entity and hereby undertakes to execute upon request of the Owner such documents as may be reasonably and customarily required to give effect to any such assignment provided that the O&M Operator's consent, which shall not be unreasonably withheld or delayed, shall be required for the inclusion in such documents of any terms other than a simple confirmation of the consent given above or a simple acknowledgement of a notice of an assignment pursuant to this Clause. Any stamp duty and all costs & expenses payable in respect of such documents shall be to account of the Owner in respect of any such documents required to be signed by the O&M Operator

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

ARTICLE 13

REPRESENTATIONS AND FURTHER COVENANTS

13.1 Representations

The O&M Operator represents and warrants to the Owner as follows:

13.1.1 **Organization**

The O&M Operator is Sri Aditya Logistics Private Limited. a company incorporated under the Companies Act 1956 having its Registered office at # 223/1, Bhimpur Mouza, Ganga Nagar, Bhubaneswar 751001, the execution, delivery and performance of this Agreement have been duly authorized by all necessary corporate action and will not be in violation of any provisions of any applicable laws, its bye-laws or charter, or any indenture, agreement instrument to which it is a party or by which it or its property may be bound or affected. This Agreement has been duly executed and delivered by the O&M Operator and constitutes a legal, valid and binding obligation of the O&M Operator, enforceable in accordance with its terms, except as such enforceability may be limited by Bankruptcy, insolvency, or similar events which may arise in future.

13.1.2 **No Violation of Law**

The O&M Operator is not in violation of any applicable law or judgment entered by any Governmental Authority, which violations, individually or in the aggregate, would affect the O&M Operator's ability to perform its obligations under this Agreement and while performing the Work, the O&M Operator shall not violate any applicable laws, rules, regulations and Code of Conduct (as specified in Appendix 8).

13.1.3 **Litigation**

The O&M Operator confirms that it is not a party to any legal, administrative, arbitral, investigational or other proceeding or controversy which is pending, or, to the best of the O&M Operator's knowledge, threatened, which would adversely affect the O&M Operator's ability to perform under this Agreement.

13.2 Further Covenants

The O&M Operator warrants that prior to the performance of any Work hereunder, the O&M Operator or its designated Affiliate shall be authorized to do business in India and shall obtain all national and regional and other governmental consents, licenses, permits and other authorizations required to conduct its business and all such consents, licenses, permits and other authorizations required for the performance of the O&M Operator's obligations hereunder.

13.3 Representations by the Owner

The Owner represents and warrants to the O&M Operator as follows:

13.3.1 **Organization**

The Owner is **Utkal Alumina International Ltd** *a company incorporated under the Companies Act* 1956 having its Registered Office at J-6, Jaydev Vihar, Bhubaneswar, Odisha – 751 013 , the execution, delivery and performance of this Agreement have been duly authorized by all necessary corporate action and will not violate any provisions of any applicable laws, its organizational documents, or any indenture, agreement or instrument to which it is party or by which it or its property may be bound or affected. This Agreement has been duly executed and delivered by the Owner, and constitutes a legal, valid and binding obligation of the Owner, enforceable in accordance with its terms, except as such enforceability may be limited by bankruptcy, insolvency, or other similar laws affecting the enforcement of creditors' rights generally.

13.3.2 **No Violation of Law**

The Owner is not in violation of any applicable law or judgment entered by any Governmental Authority, which violations, individually or in the aggregate, would affect the Owner's ability to perform its obligations under this Agreement.

13.3.3 **Litigation**

The Owner is not a party to any legal, administrative, arbitral, investigational or other proceeding or controversy pending, or, to the best of the Owner's knowledge, threatened, that would adversely affect the Owner's ability to perform under this Agreement.





ARTICLE 14

MISCELLANEOUS

14.1 Arbitration

In the event of any dispute, difference or claim arising out of or relating to the implementation of this Agreement, the Parties hereto shall use their best efforts to mutually settle such dispute or difference. To this effect, they shall consult and negotiate with each other, in good faith and with an understanding of their mutual interests, so as to arrive at a just and equitable resolution which would be satisfactory to both Parties.

Any or all disputes with respect to the interpretation of the Contract or other disputes between the Parties hereto arising under or in connection with the Contract, which disputes cannot be resolved by mutual discussion between the Parties to the Contract within 60 days from the date of notification of such dispute by the affected Party or Parties, the same dispute shall be referred for arbitration to Mumbai Centre For International Arbitration (MCIA). The arbitral proceedings shall be governed by the applicable Rules of MCIA and the provisions of Arbitration and Conciliation Act, 1996 or any subsequent modifications and/or amendments thereof shall apply.

The arbitral tribunal shall comprise of a sole arbitrator, in case Parties don't agree for Sole arbitrator, then, such disputes shall be referred to the arbitration panel consisting of 3 arbitrator appointed in accordance with the Arbitration and Conciliation Act, 1996 or any subsequent modifications and/or amendments. The arbitral tribunal shall adopt the fast-track procedure as contemplated by the said Act

The Parties further agree that any arbitration award shall be final and binding upon the Parties.

The cost of the arbitration shall be divided equally between the Parties, except that each Party shall be responsible for its own legal fees and expenses incidental to the arbitration proceedings. The arbitration shall be conducted as per the laws of India and the Place of the arbitral proceedings shall be at Mumbai, India. The language of the arbitral proceedings shall be in English.

The Parties hereto agree that both the Parties shall be obliged to carry out its obligations under the Contract even in the event a dispute is referred to Arbitration unless the dispute is of such a nature that it is not possible to carry out the obligations.

14.2 Independent O&M Operator

Except as otherwise provided herein the O&M Operator shall at all times be deemed as independent O&M Operator and none of its employees or the employees of its subcontractors and vendors shall be considered employees of the Owner. The employees shall be issued with appointment order by the O&M Operator / Sub contractor by whom they have been employed.

The O&M Operator shall be fully and directly responsible for all the jobs and omissions of sub-contractors and vendors engaged by it and also for coordination of its work with that of such sub-contractors or vendors. The O&M Operator shall assume responsibility for binding every sub-contractor and vendor to the terms of the Contract. The O&M Operator shall undertake all obligations relating to the sub-contractors and vendors. Nothing contained in Contract documents shall create any contractual relation between any sub-contractor and vendor and the Owner. The O&M Operator shall furnish reasonable detailed credentials of their major sub-contractors and vendors to the Owner for approval

14.3 Severability

The invalidity, in whole or in part, of any of the foregoing Articles, Sections or paragraphs of this Agreement will not affect the validity of the remainder of such Articles, Sections or paragraphs.

14.4 Entire Agreement

This Agreement, including Appendices and all amendments thereto contain the complete agreement between the Owner and the O&M Operator with respect to the matters contained herein and supersedes all other agreements, whether written or oral, with respect to the matters contained herein.

14.5 Amendment

No modification, amendment, or other changes will be binding on any Party unless consented and executed in writing by both Parties.

14.6 Governing Law

This Agreement and any non-contractual obligations arising out of or in connection with it shall be governed by, and construed in accordance with, the laws of India, without reference to its conflict of laws principles.

14.7 Notices

All notices required or provided for in this Agreement shall be in writing and shall be delivered by hand; or sent by a registered post or courier with delivery receipt requested; or sent by facsimile transfer and acknowledged by recipient; as follows:

If to the Owner: **Utkal Alumina International Ltd**
Doraguda, Dist. – Rayagada – 765 015
Kind Attn.: Vijay Kumar Dhanuka-Head Engineering

If to the O&M Operator: **Sri Aditya Logistics Private Limited**
Plot no. 29, Sector 1, MVP colony,
Visakhapatnam 530017, Andhra Pradesh.
Kind Attn: N Krishna Chaitanya- Managing Director

Notices shall be deemed to be received on expiry of three days from the date of despatch of the notice duly stamped and addressed to the addressee, the address set out herein above

14.8 Waiver

Failure by either Party to exercise any of its rights under this Agreement shall not constitute a waiver of such rights. Neither Party shall be deemed to have waived any right resulting from any failure to perform by the other unless it has made such waiver specifically in writing.

14.9 Captions

The captions contained in this Agreement are for convenience and reference only and in no way define, describe, extend or limit the scope or intent of this Agreement or the intent of any provision contained herein.

14.10 Counterparts

This Agreement may be executed in two counterparts each of which shall be deemed an original and all of which shall be deemed one and the same Agreement.

14.11 Confidentiality

14.11.1 Each Party agrees, for itself and its Affiliates and their directors, officers, employees and representatives, to keep confidential and not make any unauthorized use of any Confidential Information or proprietary information of the other Party disclosed to such Party.

14.11.2 In any event, no information shall be deemed to be Confidential Information if such information:

14.11.3 was known by the recipient prior to the disclosure thereof by the disclosing Party;

14.11.4 is, or shall become, other than by an act of the recipient, generally available to the public;

14.11.5 if lawfully made available to the recipient by a Third Party in good faith;

14.11.6 was developed by the recipient without references to or reliance upon Confidential Information received from the disclosing Party; or

14.11.7 is required by a Governmental Rule or Governmental Authority to be disclosed to any Person who is authorised by law to receive the same; provided, that, to the extent permitted by law and practical under the circumstances, the receiving Party gives notice to the other disclosing Party of the impending disclosure and the opportunity to contest such disclosure in an appropriate proceeding.

14.12 Each Party agrees that it will make available the other Party's Confidential Information only on a "need to know" basis and that all Persons to whom such Confidential Information is made aware of the strictly confidential nature of such Confidential Information.

14.13 No Third Party Beneficiaries

This Agreement is intended solely for the benefit of the Parties hereto. Nothing in this Agreement shall be constructed to create any duty to, standard of care with reference to, any liability to, or any right of suit or action in, any Person or other legal entity not a party to this Agreement.

14.14 Non-Recourse

Neither Party shall have recourse hereunder, and no claim shall be made, against any shareholder, director, officer or other Affiliate of the other Party, in such capacity, under this Agreement, and each Party's sole recourse in the event of a breach hereunder by the other Party shall be against the breaching Party's assets, irrespective of any failure to comply with the applicable law or any provision of this Agreement. Neither Party shall have any right of subrogation to any claim of the other Party for any equity contributions to such Party from any shareholder of such Party. This acknowledgment and agreement are made expressly for the benefit of the shareholders, directors, officers and other affiliates of the Parties.

14.15 No Transfer of Intellectual Property Rights

14.15.1 All drawings, documents, computer software and engineering and other data furnished or to be furnished by the O&M Operator in connection with this Agreement shall remain the O&M Operator's property. However, the O&M Operator hereby grants to the Owner a royalty free license during the term of this Agreement to retain and use all drawings, documents, computer software and engineering data for the sole and exclusive purpose of performing its obligations under this Agreement.

14.15.2 All drawings, documents, computer software and engineering and other data furnished or to be furnished by the Owner in connection with this Agreement shall remain the Owner property. However, the Owner hereby grants to the O&M Operator a royalty free license during the term of this Agreement to retain and use all drawings, documents, computer software and engineering data for the sole and exclusive purpose of performing its obligations under this Agreement.

IN WITNESS WHEREOF the Parties have entered into this Agreement as of the date first written above.

The Owner

For Utkal Alumina International Ltd

Name: Bhaskar Banerjee
Title: VP (F&C) & CFO

Witness:

1. Amit Panda

2. Chinmaya Dash

The O&M Operator

For Sri Aditya Logistics Pvt. Ltd

Name: N Krishna Chaitanya
Title: Managing Director

Witness:

1. M. RAMESH KUMAR

2. Y. Suresh Kumar

Appendix 1

Battery limit considered for the Scope of Work of O&M Operator

A. DEFINITIONS:

'LDC':- **Long Distance Conveyor** (at Baphlimali Mines) for the 2850 TPH / 1500 TPH Alumina Refinery of OWNER at Doraguda, Odisha.
'O&M Operator':- Sri Aditya Logistics (P) Ltd/
'Owner':- Utkal Alumina International Ltd., Doraguda, Rayagada Dist., Odisha. (OWNER)
'COD':-Date of Commissioning

B. SYSTEM DESCRIPTION & OVERVIEW

Bauxite ore of minus 150 mm will be fed to conveyor C1Awhich will discharge the material on C1B in IJH through discharge chute & C1B will discharge the material on Apron feeder in plant end junction house.

Conveyor capacity (TPH) - Rated - 2850 TPH, Design - 3150 TPH.
Belt length (C1A) - 29600 Mtrs
Belt length (C1B)- 7400 Mtrs
Loading - Single point feeding.
Conveyor profile (elevation) and plan(horizontal curve) details(C1A)- Lift - 199.45 mtr , Curve radius - 2000 R / 1800 R ,Angle Of inclination - 14 deg max and 12 deg min.
Conveyor profile (elevation) and plan(horizontal curve) details(C1B)- Lift - (- 13) mtr , Curve radius - 2000 R / 1800 R ,Angle Of inclination - 14 deg max and 12 deg min
Belt tension (C1A)- 642 KN.
Belt tension (C1B)- 324 KN
Belt speed (m/s)(C1A)- Variable - 5.75 m/s at 2850 TPH-,2.75 m/s at 1500 TPH
Belt speed (m/s)(C1B)- Variable - 5.75 m/s at 2850 TPH,2.75 m/s at 1500 TPH

C. PLANT OPERATION & MAINTENANCE

- Installations: 2850 TPH / 1500 TPH **Long Distance Conveyor** & its allied auxiliaries as in
- Operation: 2850 TPH / 1500 TPH **Long Distance Conveyor** & its allied auxiliaries
- O&M Operator will have to maintain all the equipment of LDC in operating conditions as per the schedule of the Owner to achieve the targeted production rate. O&M Operator shall be responsible for all O&M activities of the LDC as per the Owner until unless which is not exclusively excluded in the Agreement but required to meet the targeted production.
- O&M operator work scope shall start from bauxite Feeding from BC-5 into C1A through discharge chute & up to Apron feeder of plant end junction house including all related auxiliaries of the facility along with all electrical (substation) & instrumentation jobs in 03 shift basis.

D. SPARES

- The Spares will be issued to O&M Operator at Sub stores within the facility. Maintaining Sub store will be in scope of O&M Operator

E. MINIMUM WAGES

- Payment of Minimum Wages to Skilled / Unskilled workmen as per prevailing Govt. notified rates shall be responsibility of O&M Operator.
- O & M Fee is based on Govt. notified rates as on date of the Agreement. If there will be any revision State/Central minimum wages over and above 5% of the existing minimum wages then the

same shall be reimbursed by Owner along with applicable statutory charges. However, this is applicable to those manpower who are falling under minimum wages which is around 100 to 110 manpower.

F. REVISION IN TAXES/DUTIES

- Any impact due to the revision in Statutory Taxes / Duties / Rules will be to the account of the Owner.

O&M Operator should carry out the round the clock operation of LDC system, preventive maintenance, condition monitoring based-predictive maintenance, proactive maintenance, daily maintenance, shift maintenance, emergency break down maintenance and planned shutdown maintenance, inspection of all relevant items by Statutory Authorities, house-keeping and record keeping of all activities through CMMS etc.





Appendix 2

O&M RESPONSIBILITY MATRIX

Maintenance responsibility between Parties

S No	Activity Description	TOTAL COST OF OEM/ Experts /Additional Manpower		WORK SUPERVISION		CONSUMABLES T&P MANPOWER		SPARES	
		COST	ARRAN-GED BY	COST	ARRAN-GED BY	COST	ARRA N-GED BY	COST	ARRA N-GED BY
1	Annual Maintenance	O&M*	O&M	O&M	O&M	O&M	O&M	O	O
2	Breakdown/Corrective Maintenance	O&M**	O&M	O&M	O&M	O&M	O&M	O	O
3	Preventive Maintenance	N/A	O&M	O&M	O&M	O&M	O&M	O	O
4	Routine Maintenance /checks	N/A	O&M	O&M	O&M	O&M	O&M	O	O

*If any job involves any special skills /Competency for which the OEM person from abroad is required, the same shall be arranged by Owner at his own cost.

** If a need arising for additional manpower / specialized skills for attending Unscheduled Maintenance, the same shall be reimbursed by the Owner at actual with prior concurrence.

(Note) 1. "O" is Owner. O&M is O&M Operator.

O&M RESPONSIBILITY MATRIX				
SL	**Description of work / Activity**	**Responsibility Matrix / Scope**		**REMARK**
		Owner	**Operator**	
	SUPPLY			
1	Total manpower supply as per organization chart		√	The Operator shall plan for Manpower under normal conditions for 1 x 2850TPH/1500TPH LDC.
2	Supply of total consumables & total chemicals/special solutions/adhesives required for LDC	√	√	1) Operator shall supply all required general consumables for trouble-free O&M of LDC. 2) However, equipment specific consumables which are normally sold by OEMs (Value > INR10000/- per Pc) as spares shall be supplied by the Owner. 3) Belt vulcanizing special solution/ adhesives shall be in the scope of the Operator & vulcanizing machine shall be provided by Owner.
3	All type of lubricants which go into the System / equipment	√		Operator shall give requirement for the same.
5	Raw Water of Quality & Quantity	√		Operator shall give requirement for the same. &As specified by OEM.
6	O&M of any emergency DG set within the Facility for emergency power back ups		√	Equipment shall be provided by the Owner. However, O&M of the same shall be responsibility of the O&M operator.
7	Capital spares & its inventory	√		Operator shall give requirement for the same.
8	Chemicals for FEA (Fire Extinguishing Arrangements)	√	√	The Plant will be provided with entire fire fighting system in line with Statutory Requirements. Any replenishment will be intimated to Owner who will make arrangements for procurement.
	SERVICES			
9	Total Operation & Maintenance of the Long distance conveyor including all substations& all Facility related electrical & instrumentation jobs.		√	
10	Disposal of Solid Waste / Scrap of LDC		√	Operator shall dispose the Plant solid waste in a mutually agreed Location within the LDC.
11	Fire Fighting Equipment	√	√	Supply of fire fighting equipment in Owner's scope. However, Operator will maintain the same and keep in workable condition.
12	Plant Upkeep Services		√	Limited to Plant Layout / drawing and Battery Limit of O&M Operator's Scope. Housekeeping of the premises within the LDC Battery Limit in O&M Operator's scope as per

O&M RESPONSIBILITY MATRIX				
SL.	Description of work / Activity	Responsibility Matrix / Scope		REMARK
		Owner	Operator	
				the Owners EIC's discretion.
13	Regular, Preventive, Corrective and unscheduled maintenance	√	√	Excluding Major Breakdown Maintenance of Major Equipment Covered under MBD Insurance & Fire and Allied Perils Insurance, which shall be to the account of the Owner. LIMITING TO BREAKDOWN NOT ATTRIBUTABLE TO THE AGENCY LIKE CIVIL FOUNDATION FAILURE, STRUCTURAL FAILURE. ALL OTHER BREAKDOWNS SHALL BE ATTRIBUTABLE TO THE AGENCY
14	Painting of all building	√		Shall be in scope of the Owner.
15	Painting of all equipment / structures		√	Shall be in scope of the O&M Operator along with all consumables, tools & tackles.(Only Touch up)
16	Plant horticulture & landscaping	√		
17	Maintenance of internal roads, building and all major/minor civil works	√		
	FACILITIES			
18	Rewinding of HT motors & transformers	√		For HT motors & Transformers labour& material expenses will be borne by Owner. De-erection & erection, loading & unloading at the Facility installation, start-up etc., shall be in the scope of the O&M operator.
19	Rewinding of LT motors	√	√	For LT motors labour& material expenses to the extent of Rs.2 Lakhs per annum shall be borne by the O&M operator, beyond shall be to the account o Owner.
20	Facility general lighting within the battery limit, cable jointing & all related electrical & instrumentation jobs		√	Requirement of consumables will be given by the O&M Operator, procurement to be done as per the consumables Appendix 6. Replacement& ongoing maintenance service shall be carried out by the O&M Operator.
21	Plant Safety and Security		√	Safety: Operator Security: Operator However, O&M Operator can deploy their own security services without any cost implication to the Owner for watch & ward of LDC.
22	Safety of O&M staff		√	

O&M RESPONSIBILITY MATRIX				
SL	Description of work / Activity	Responsibility Matrix / Scope		REMARK
		Owner	Operator	
23	Space / Covered storage sheds for Material Management	√	√	A covered storage building (Sub-Store) will be provided by the Owner. However, material and management of inventory will be the responsibility of the Operator.
24	Stores Management / Material Management services	√	√	Owner shall provide sufficient space for store. However, development of racks & bins, drawing & shifting from OWNER – Central stores will be the responsibility of the Operator.
25	Inventory Management	√	√	The Owner & Operator shall work towards inventory management.
26	Special Tools and Tackles	√	√	Required Special tools and tackles in good condition as provided by OEM shall be handed over to Operator and the Operator shall hand over the same in usable condition after the contract term.
27	General Tools and tackles, Jig & fixture including scaffolding		√	
28	O&M Operator's Site Office	√	√	Owner shall provide only space for office. Construction of Office and furnishing the same shall be Operator's responsibility.
29	Telephone &Internet facilities at Operator's Office		√	Operator shall arrange for Telephone & Internet facilities at Operator's Site Office.
30	Medical Facilities at dispensary / colony at nominal cost basis	√	√	However the required First Aid has to be kept ready in the Facility area by Operator. Medicals for employees and family members shall be arranged by Operator.
31	Hydra & Crane (With Extendable Boom) as & when required		√	Operator's Scope of Responsibility.
32	Residential Accommodation	√		3 no's of 2Bhk Quarters shall be provided to the O&M Operator. Subject to availability.

Appendix 3
Indicative Organizational Chart

The O&M Operator shall submit the organization chart for the LDC system Operation and Maintenance team of the site as per the scope. The O&M Operator shall mobilize the sufficient & required manpower to complete the scope of the contract for smooth operation of the plant & to achieve the performance parameters of the contract.

If O&M Operator is failed to maintain the minimum manpower as agreed on contract, cost will be deducted from O&M Operator running bills based on man-days rate.

A) Manpower under O&M Operators Roles

Sl no	Description	Qty
A	Mechanical	
1	Plant Manager	1
	Mechanical In-Charge	1
2	Shift In Charges	5
3	Planning Engineer	1
4	Site Engineer	10
5	Stores Supervisor	1
6	Operators (Station engineers)	13
7	Line Operators	30
8	Mill Wright Fitter	3
9	Technician	19
10	Welder & Cutter	8
11	Conveyor Belt Jointer	2
12	Rigger	14
13	Lift Mechanic	0
14	Helper	13
	Mechanical Manpower	**121**
B	Electrical	
1	Site In charge	1
2	Area Engineer	6
4	Technician	17
5	Helper	9
	Electrical Manpower	**33**
C	Instrumentation	
1	Site In charge	1
2	Area Engineer	6

3	Supervisor	0
4	Technician	11
5	Helper	
	Instrumentation Manpower	**18**
D	HR, Admin & Stores	
1	Common Staff, including Filed Communicators & Community relations	7
2	Safety In charge	2
	Common Staff	**9**
	Technical Manpower	**168**
E.	**Housekeeping**	
1	In Charge	1
2	Supervisor	3
3	Staff	28
	Housekeeping Manpower	**32**
F.	Security	
1	In Charge	2
2	Security staff	38
	Security Manpower	**40**
	Total Manpower	**253**

The Contractor shall deploy sufficient manpower so that on any working day, at any moment of time the Minimum gate entry manpower in each category should not fall below 80%.

The main qualification for technical manpower is as mentioned below:

a) Operation and Mechanical maintenance:

Plant Manager: An engineering degree with minimum 12 years' experience of operation & Maintenance specifically in LDC and material handling system.

Planning Engineer: An engineering degree with minimum 8 years' experience of operation & Maintenance in planning of LDC and material handling system.

Site Engineer: An engineering degree with minimum 5 years' experience of operation & Maintenance of LDC and material handling system.

Operator: Diploma in engineering with minimum 3 years of experience in operation of luffing & slewing, bucket wheel reclaimer, Stacker, crushers, screens, dust collection system, magnetic separator, belt weigh scale, hoist conveyors system etc.

Supervisor: Diploma with min.5 to 6 years' experience in operation and mechanical Maintenance of LDC and material handling system.

Mill Wright: Fitter with ITI/Diploma qualifications and with 5 to 6 years' experience in erection & alignment of various rotating equipments, LDC and material handling system.

Technicians: Technician with ITI with at least 5 years of experience on working with LDC and material handling system.

Welders: Welders having experience in Mechanical Maintenance activities of bauxite handling system involving repair of line plates, rails, repair of cast-iron housings, etc.

MBE operator: Mobile equipment operators with min 5 years' experience and shall have license as per rules

Conveyor belt jointers: Conveyor belt jointers shall have min 5 years' experience in steel cord conveyor belts jointing, repairing, rubber lagging and well experienced in hot jointing of belt preferably from reputed firms like M/s Phoenix, M/s Thejo are preferred

Riggers: Riggers shall have min 5 years exp in erection of large equipments, structural erection, and replacement of high capacity equipments in LDC and material handling system.

b) Electrical:

Site Incharge: An Electrical or Electrical and Electronics /Instrumentation engineering degree with minimum 10 years' experience in plant maintenance out of which at least three years as an in-charge of electrical of a large size Material handling system/process plant. He must also possess valid HT license approved from the statutory authority of Orissa. Experience in VFD drives and Cross Functional Knowledge in Automation. Experience HT Power sub stations and switch yards.

Supervisor: All the supervisors should have valid HT license approved from the statutory authority with 5-10 years of experience in electrical & power electronic equipment maintenance of a large size plant/Material handling system.

Technician: Technical qualification in electrical/ electronic trade having either 'A', 'B' or 'C' license & at least 3 years hands on experience in maintenance of a process plant. At least one certified HT jointer should be part of the site team.

c) Instrumentation:

Site In charge: An engineering degree with minimum 10 years of experience in plant maintenance out of which at least three years as in-Charge of Instrument section of a large size process plant/Material handling systems.

Area Engineer: An engineering degree with minimum 5 years of experience in maintenance of Instrument section in a large continuous process plant /Material handling systems. Experience in Automations and PLC drives /DCS systems

Supervisor: Engineering professional with min. 6 years of experience in Instrument maintenance of a large size plant/Material handling systems. Exposure of managing shift maintenance is must for each supervisor.

Technician: Technical qualification in Instrumentation/Electronic trade with at least 3 years hands on experience of similar job in a process plant/Material handling systems.

d) Housekeeping, safety & Security:

Safety officer: Diploma in safety with 5-7 years of experience in material handling & LDC systems. Must aware of all statutory requirements, MIS and preparation of documents related to safety systems.

Safety Assistant: Diploma in safety with 3-4 years of experience in material handling & LDC systems or 5-7 experience in Large size similar plants including construction activities. Should have the ability to drive safety training programs among the employees.

Security officer: Bachelor degree with 6-8 years of experience in large material handling systems/ continuous process plant. Should have the ability to tackle IR issues.

Security Guard: Should have experience of 2-3 years in industrial security services. Preferably from areas other than 50-100 km from the location

House Keeper SSK worker: Should have the knowledge about RMHS and associated hazards. Must be at least 5th std. pass

House Keeper USK worker: Positive attitude towards work and assignments. Must be a literate person

The O&M Operator shall be responsible for the acts and omissions of all its employees acting within the scope and conduct of their respective duties at owner's site.

All personnel engaged at site should be disciplined, qualified & experienced to perform their duties. The entire O&M Operator's staff must have proper training in respective areas and the cost of such training shall be borne by the O&M Operator. However, the O&M Operator's staff can receive on-site training from different suppliers. Co-ordination with the vendor for such training shall be of O&M Operator's responsibility.

The working hours, rates of compensation and all other matters relating to the employment of personnel performing the services shall be consistent with the relevant labor laws with respect to such employees.

The O&M Operator shall observe directives such as minimum age for employment, acceptable conditions of work with respect to minimum wages, hours of work, and occupational health and safety and all other Statutory Norms.

Owner reserves the right to reject any staff of the O&M Operator, based on the performance, character or behaviour of the staff.

The vendor shall identify the technical skills required for Operation and Mechanical Maintenance of the plant and accordingly shall made & submit the skill matrix of the employees. The O&M Operator shall mobilize the multi-skill manpower as much as possible.

The O&M Operator shall identify the core skills requirement for the Mechanical Maintenance of critical equipment and deploy as per requirement etc.

The Contractor shall create employability for the local people who are ITI qualified by

training them as apprentices under the Apprentices Act and then by inducting them as Trainees and after successful completion of training; they shall be absorbed by the Contractor as per the available vacancy and their suitability.

Appendix 4

Equipment & structural Weight for long distance conveyor project							
	Technical specification		Quantity			Total Qty	Total wt in Mt.
Description	C1A	C1B	C1A	C1 B	Spar e	C1A & C1B	
Bulk material properties (size distribution, bulk density, surcharge angle)	Material - Bauxite Bulk density - 1300-1400KG/m^3 Surcharge angle- 20-30 deg Moisture content-9.5% to 14% Size - (-)150mm						
Conveyor capacity(tph)	Rated - 2850 TPH/1500 TPH Design - 3150 TPH						
Loading point details	Single Point Feed						
Conveyor profile (elevation) and plan (horizontal curve) details	Lift – 199.45 mtr Curve radius -2000 R/ 1800 R Angle of inclination -14 deg max & 12 deg min	Lift - -13mtr. Curve radius -2000 R/ 1800 R Angle of inclination -14 deg max & 12 deg min.					
Belt Tension/ Power demand Calculation	Belt Tension- 642KN	Belt Tension- 324KN					
Belt Speed(m/s)	Variable- 5.75m/s at 2850TPH 2.75m/s at 1500TPH						
Belt Specification. Strength & Cover Grade & Thickness	Steel Chord Belt – ST4000 Cover Grade- M24 Belt Width- 1200mm Cover Thickness-10mm at Top,7mm at bottom. Belt Length-29600mtrs. Total	Steel Chord Belt – ST2000 Cover Grade- M24 Belt Width-1200mm Cover Thickness-9mm at Top,7mm at bottom. Belt Length-7400mtrs. Total	29600	7400	3700	40700	2748
Belting Rip Detection System	Make: Phoenix: Becker		4	-	-	4	4
Belting Vulcanizer	Make: Phoenix : Thejo		2			2	8
Belting Changing Device	Make: Nilos		1			1	4
						Weights Of Conveyor Belt With Accessories=	2764
Idler Details & Spacing, Bearings : 6308	Idler Diameter- 152.4mm & 4.0mm Thick Idler Spacing For Carrying Idler Straight Portion- 4.5mtr Curve Portion-2.25mtr Return Idler						

Idler Troughing Angle. (Degrees) & Idler Frames	Transition Under slung (70/65/55/40/30/20/10 Degree) Impact- Under slung 70 Degree Carrying- Under slung 45 Deg Return- Flat Return- V Type 15 Deg		640 0	19 29	825	9154	753
Stub Rollers	Make: Prayas					724	5
Pullet Details & Layout. Diameter, Lagging Type	Drive/Head/Take up Pulley: 1400mm Tail/Pulley- 1250mm Drive- 13mm Thick Ceramic (Lagging) Others- 12mm Plane Rubber		32	30	14	76	328
Total Installed Motor Power(KW & Supply Voltage) & Drive Pulley(S) Configuration & Location	Installed Power- 6 Nos x 850KW Supply Voltage- 690 V No Of Drives- 2 Nos At Tail End & 4 Nos At Head End	Installed Power- 2 Nos x 850KW Supply Voltage- 690 V No Of Drives- 2 Nos At Head End	6	2	1	9	43
Hydraulics Brakes.	Make : Bubenzer (SF-24) Brake Type –Disc Type (2 nos) Size _307.2 KnM/Disc	Make : Bubenzer (SF-24) Brake Type –Disc Type (1 nos) Size _307.2 KnM/Disc	2	1	1	4	8
Drive Mechanical details Gearbox specification	Make: Elecon : Gear box Type – Bevel Helical. Gear box Size /Ratio –KCN500/19.1 Motor- ABB		6	2	1	9	60
Input Geared Coupling	Make: Elecon – Multicrowed ED 2200		6	2	1	9	
Output Rigid Flange Coupling	Make : Elecon –BIKON 250 -320 (Transmissible Torque-178 KNM)		6	2	1	9	
Drive Base Frames	Make: Elecon		6	2	0	8	
Elevator(capacity :1000 KG)	Plant End : Make Thyssenkrupp		0	1	0	1	20
Skrit Board	Make : Thejo in Mtrs		29	19	13	61	1
External Scarper	Make : Hosch 895V Scarper (primary & secondary)		2	2		4	1
Internal scarper	Make : Hosch Vp		6	2		8	1
Scrapers brackets/Encored /vertical guide roller	Make: Scorpio-for both external & internal scrapper		8	2		10	1
Solo plates	Make: Scorpio					114	10
Safety Guards	Make: Scorpio					16	40
Mounting brackets for safety switches &stub roller	Make: Scorpio-siren:19 set/pcs-(183*2)sets/bss-366 sets/chute block switch-4 sets		1	1	1	1	22
Discharge chutes & interconnecting	Make: Scorpio-					2	46
Pulley Base Frame	Make: Scorpio-Head & Snub(2+2)(C1A &C1B/Drive & Bend(2+4)(C1A &C1B)/bend pulley frame for C1A(2) sheave mounting					28	216

	bracket(7+4)(C1A &C1B)/take up trolley with bearing housing(1+1(C1A &C1B)/idler trolley C1A(1(/belt vulcanizing table (1)/supporting strc belt clamp(1,3 & 4)					
Liners for hopper	Make: Mangalam for hopper As per Tech spec:M5020-m510-30				3632	107
Manual hoist	Make: Stellas (capacity:1,2,6,7.5 & 10)	11	11	14	26	4
Electrical hoist	Make: Prayas (capacity 2 Mt to 10 Mt with various lift)				14	8
Counter weight Box	Fabrication part	1	1	0	2	10
Counter weight (MS scrap: tentative)	Make: Fabrication part	1	1		2	130
Scope type Auto sampler	Make : Eastman crusher co.pvt.ltd	1	0	0	1	3
CAPSTAN brake & take up winch arrangement	Make: Dymot(imported)					49
Rod gate	Make: United techonomech(1 No+1 No)	1	1	0	2	3
Flap gate with actuator	Make: United techonomech(1 set)	1	0	0	1	3
DFDS	Make: Spraying system , (1 set)	1	0	0	1	5
Fire Fighting						7
					Weights of mechanical equipment=	1851
Conveyor structural's	Make: Simplex					9320
Hoppers at junction house	Make: Simplex					400
Walkways & hand rails etc	Make: Simplex					800
					Weight of structural as per contract=	17,520
Conveyor hoods in sq Mtrs	Make: Simplex					Approx 650sq mtrs

Equipment detail	Make	Quantity				
		PESS	IJSS	MRSS	C1 B	C1 A
6.6 KV switch board	Schinder	1 set	1 set	1 Set		
Distribution Transformer	kirloskar	2 No.s	2 No.s	2 No.s		
Converter transformer	Volt Amp	1 No	2 No.s	1 No		
PMCC Board	Schinder	1 set	1 set	1 set		
Lighting Transformer		1 No	1 No	1 No	2 Nos	4 Nos
Booster Transformer						2 Nos
Control Panel for 6.6 KV		1 No	1 No	1 No		
FCBC Charger & Battery	Amar Raja	1 set	1 set	1 No		
UPS Charger & Battery	Emerson	1 set	1 set	1 set		
VFD Panel	ABB	1 No	2 No.s	1 No		
RIO	ABB	1 No	1 No			2 No.s
PLC	ABB			1 No		
Control desk		1 No	-	1 No		
LDB		3 No	5 No	4 No		
Welding socket		10 No	5 No	10 No	6 Nos	26 Nos

Earth pit		18 No.S	18 No.S	18 No.S	30 Nos	90 Nos
Illumination		lot	lot	lot	lot	Lot
Light fitting 150 W HPSV	GE				Lots	
Light fitting 70 W HPSV	GE	Lots	Lots		Lots	
Ligth Fitting 36 W FTL	GE	Lots	Lots			
240 V Switch socket out let						
AC Ventilation	Voltas	1 Nos	1 Nos			
Belt Driven Motor 850 KW	kirloskar	2 No.s	4 No.s	2 No.s		
LT Motors(Motor cooling/Pump house/dust suppression)		8 Nos	10 Nos			
Winch Panel & Motor					1 Set	1 Set
Capstain Break panel & Motor					1 set	1 set
Field Instrument		lot	lot	lot	lot	Lot
Auto Sampler panel & motor					1 set	
Belt Weigher					1 Set	
Belt Watch System					1 Set	1 set
Rod gate					1 Set	2 set
Hoist & motor					2 set	2 set
Elevetor & motor					1 set	2 set
Flap Gate & motor					2 Sets	4 set
Belt Sway					lot	Lot
Pull Cord					lot	Lot
Belt rip system					1 Set	1 set
Tail end brake					1 Set	1 set
Siren and Panel					1 lot	1 lot
Cable and Cable Joints(6.6 Kv/415 V)		lot	lot	lot	lot	Lot
FO cable and Jointing		lot	lot	lot	lot	Lot

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

Appendix 5

Mobile Equipment

The O&M Operator shall be responsible for the mobilization of the mobile equipment and any other equipment required for maintenance & shifting of spares & equipment. The O&M Operator shall submit the list of mobile equipment with specifications along with the offer and shall be available round the clock. The equipment shall be in excellent health condition. The O&M Operator shall maintain logbooks for all the mobile equipment and shall mention the jobs done, equipment utilization, equipment availability. The O&M Operator shall submit the monthly reports as per the mutual agreed format. The list of mobile equipment is indicative only and the O&M Operator shall deploy more equipment as per need without any financial implication to the Owner.
The O&M Operator shall deploy the following mobile equipment- as required including Mines &LDC required for the job demands fully. The Mobile equipment will be utilised for anywhere in the plant as per discretion of Owner.

1 - Diesel cost should be considered as "Variable Cost" in the contract and should be reimbursed based on the actual running of HEMMs. Bolero Diesel cost shall be in O&M operator scope. No YoY escalation shall be applicable on the diesel cost of Bolero Actual running of HEMMs should be recorded as per Hour Meter or Odometer on daily/ monthly basis for ascertaining the quantity of actual diesel consumed. Vendor should be asked to install Hour meter before deployment at site, if not already fitted on the HEMMS. Based on evaluation diesel factor to be calculated.
2-Mileage for all HEMMS should be determined based on Joint Measurement done by a cross functional team consisting of representatives from Finance, Commercial, User and Vendor. Mileage as per Joint Measurement should be included in the contract for diesel reimbursement.
3.- Owner should evaluate the issuance of diesel to the vendor, wherever, there is a Diesel pump inside the plant. If consumption of diesel exceeds beyond the defined diesel factor, it will be recovered from vendor.
The O&M Operator shall deploy the following mobile equipment-

Sl No	Description	Quantity (Nos)
1	Hydra-Special FX category 20 MT with side cabin.	1
2	Trailor 20 MT	1
3	Crane 75 MT, Hyd tyre mounted , telescopic, with 60 mts boom , shall be usable in hilly terrains, age max 7-8 yrs of age or less than 30000 hours clocked or shall invariably Produce Govt RTA/RTO certificate for every year for the scheduled fitness.	1
4	JCB, , Less than 5 years or 0.5 lac hours	1
5	Walkie Talkie system for all the supervisors/ engineers working in the field	20
6	Bobcate	1
7	DG Set with welding machine (125 KVA & 65 KVA), should be not more than 3 years or less than 0.2 lac hours of operation	2
8	Pick up VAN	3
9	Hywa	1
10	Bolero	1

11	Baby Poclain LC90	1
12	Crawler type mobile aerial working platform diesel operated Boom Ht 25-35M	1
	Total	**44**

Appendix 6
TOOLS TACKLES & CONSUMABLES LIST

Mechanical

a. Tools & Tackles :

DESCRIPTION	AREA	MINIMUM QUANTITY (SETS)
TOOLS BOX CONSISTING OF SPANNERS (NORMAL AND HAMERING) UPTO 46MM SIZE, PIPE WRENCHES, SCREWDRIVERS, HEXAGONAL WRENCES, HAMMERS, ADJUSTABLE WRENCHES, VERNIERS, CHAINBLOCKS (1 TON / 3 M LIFT) LIFITING TOOLS & TACKLES REQUIRED FOR ROUTING ASSEMBLY DISMANTLING JOBS, GASKETS OF DAILY UAILE, EMERGY SHEETS, ETC.	PLANT END JUCNTION HOUSE	2
	INTERMEDIATE JUNCTION HOUSE	2
	SHIFT FITTERS	9
	G SHIFT FITTERS	3
	MINES END JUNCTION HOUSE	2
	ONLINE MAINTENANCE	4
	STORES	4
WELDING MACHINES (WITH PROTECTION COVERS)	Plant end junction house	2
	Station 1-4 each distance 1 KM	4
	Intermediate Junction House	2
	Station 5-18	15
	Mines End Junction House	2
	Mechanical In housework shop	1
	Electrical Workshop inhouse	1
	Stores as spare	4
PORTABLE WELDING MACHINE (3 PHASE) WITHCUTTING FACILITY	Plant End Junction House	1
	Intermediate Junction House	1
	Mines end junction House	1
	Mobile Team	4
HAMMERING SPANNER ABOVE 46 to 100	STORE	4
Torque Wrench Max T 3500 with Socket size 30 - 75	STORE	1

DESCRIPTION	AREA	LIFT	QTY
SCAFFOLDING	BASE AREA X MAX. HEIGHT	200 SQ.MTR X 40 M	1 Lot
LEVER HOISTS WIRE ROPE TYPE	STORES	5 T CAPACITY WITH 50 M LENGTH WIRE ROPE	2 No.s
		3 T CAPACITY WITH 30 M LENGTH WIRE ROPE	3 No.s
LEVER HOISTS CHAIN TYPE	STORES	3 TON	3 No.s
		5 TON	2 No.s
DESCRIPTION		**AREA**	**QTY**
GRINDING MACHINES WITH CICULAR GIRINDING WHEEL (4" TO 10" DIA) WITH SWITCH BOARDS		ALL AREAS	6
HAND DRILL MACHINE ACCOOMODATING 24 MM DRILL BIT WITH MAGNETIC BASE		STORES	2
GRINDING MACHINE WHEELS (4" TO 10" DIA) AND SPARES		STORES	10
FLEXIBLE GRINDING MACHINE WITH ADAPTORS FOR DIFFERENT ATTACHMENTS AND ATTACHMENTS OF GRINDING, BUFFING, POLISHING, RUST REMOVAL ETC.		STORES	6
		WORKSHOP	2

Description	Area	Lift (Mtrs)	Capacity (Tons)	Qty
CHAIN BLOCKS	PEJH	6	3	2
		10	5	2
	IJH	6	3	2
		10	5	2
	MEJH	6	2	2
		10	2	2
	WORKSHOP	6	5	2
		10	3	2
	STORE	25	5	2
		25	2	2
		25	3	2
		15	10	2

Sl.No	Description	QTY	Unit
A-SPECIAL TOOLS			
1	BSF-20-12 Hydraulic Jack 20 MT capacity (Flat Jack, Single acting, Spring return)	2	NO
2	Hydraulic Jack 50 Ton/100 T	2	NO

3	BT-LH-200 Hydraulic Hose (2 Meter)	2	NO
4	BHP-1 Hydraulic Hand Pump	2	NO
5	PMP-lO Hydraulic Puller within build hydraulic pump	1	NO
6	BTW-50R Manual Torque Wrench 1/2 SQD	1	NO
7	BTW-250R Manual Torque Wrench 1/2" SQD	1	NO
8	BTW-700R Manual Torque Wrench 13/4" SQD.	1	NO
9	Cold vulcanizing Tool	1	NO
10	Piercing Tool	1	Set
11	Mechanical fasteners Fixing Tool	1	Set
12	1/2" Sq.drive socket (10 MM-19MM))	1	NO
13	3/4"Sq. drive deep socket (24 MM-32MM)	1	NO
14	Allen Bit Socket 1/2" Sq. drive 10 MM	1	NO
15	Allen Bit Socket 1/2" Sq. drive 12 MM	1	NO
16	Allen Bit Socket 1/2" Sq. drive 14 MM	1	NO
17	Allen Bit Socket 1/2" Sq. drive 16 MM	1	NO
18	Allen Bit Socket 1/2" Sq. drive 18 MM	1	NO
B-ELECTRICAL TOOLS			
1	Earth Pit Accessories	5	SET
2	Halogen Lamp Set	5	SET
3	Hand Lamp	5	SET
4	Modular Extension Board	15	SET
5	OTDR for OFC Cable	1	NO
6	Cable voltage tester(Make-Kusam-MECO,Model No-273HP)	3	NO
7	Thermal Imager	1	NO
8	Profibus cable crimping Tool	1	SET
9	Insulated Electrical Tools	3	SET
C-LIFTING TOOLS			
1	Hydraulic Jack 50 Ton	2	NO
2	Wire Rope Pulley 5 ton	2	NO
3	Wire Rope Pulley 10 ton	2	NO
4	De shackle 25MT	4	NO
5	De shackle 10MT	4	NO
6	De shackle 5MT	4	NO
7	Wire rope pulley 8 "	4	NO
8	Wire rope pulley 6"	4	NO
9	Rope Pulley for 3/4 " manila rope	4	NO
D- FITTING TOOLS			
1	Safety Belt	15	NO
2	Vernier Caliper	2	NO
3	Bearing Fitting Tools	1	NO
4	Dial Gauge Beckers & Mituoyo	3	NO
5	Filler Gauge Small	1	NO
6	Filler Gauge Big	1	NO
7	Digital Millimeter	1	NO
8	Spanner Set (10-11to36/41)	5	SET

9	Spanner Ring & Dee 18/19	4	SET
10	Spanner Ring & Dee 24/27	4	SET
11	Spanner Ring & Dee 30/32	4	SET
12	Hammering Ring Spanner 36/41/46/50/65/75/95	2	SET
13	Cutting Plier	2	NO
14	Adustable Spanner	4	NO
15	Allen Key Inch	1	SET
16	Allen Key Inch MM size	1	SET
17	Grease Gun 6 KG	2	NO
18	Grease Gun 5 KG	2	NO
19	Oil Pump	1	NO
20	Box Spanner	1	Set

a. Tools & Tackles, Electrical Testing & Measuring Instruments

DETAILS OF EQUIPMENTS, TOOLS AND TACKLES		
SL. NO.	**DESCRIPTION, MAKE, MODEL & CAPACITY**	**NO. OF ITEMS**
1	1000V Insulation Tester Waco make	1 no.
2	500V Insulation Tester Waco make	2 nos.
3	10 Ohms Earth Tester Waco make	1no.
4	11 Ohms Earth Tester Motwane make	1no.
5	Multi Meter Sanwa make	1no.
6	1000A Tongue Tester Motwane make	1no.
7	5 Ton Max Puller	1 set
8	5 Ton Chain Pulley Block	2 nos.
9	2 Ton Chain Pulley Block	2 nos.
10	450A Welding Transformer	2 nos.
11	250A Welding Transformer	1 no.
12	35mm Dia Heavy Drill Machine	1 no.
13	20mm Dia Heavy Drill Machine	1 no.
14	20mm Dia Heavy Drill Machine	1 no.
15	26mm Dia Hammer Drill Machine	5 nos.
16	20mm Dia Hammer Drill Machine	5 nos.
17	26mm Hammer Hand Drill Machine	3 nos.
18	Portable Grinder	1 no.
19	Hand Grinder	1 no.
20	Hand Cutter Machine	2 nos.
21	25 sqmm-400 sqmm Hand Crimping Tools	2 set
22	10 sqmm-50 sqmm Hand Crimping Tools	2 set
23	Upto 630 sqmm Hydraulic Crimping Machine	1 no.
24	PVC tapes (Red, Yellow, Black, Blue & Green)	As required
25	Wooden Screw	As required
26	PVC Grip	As required
27	0.75 to 630 Sq mm any type of AL and CU lug	As required
28	Power Socket	As required
29	Welding Machine	1 Nos

30	Crimping Tool(0.6 Sq mm to 400 Sq mm)	2 Nos
31	HT Tapes	As required
32	All type of LT jointing Kits 2.5 to 300 Sq mm, make 3M/Raychem	As required

b. Consumables (Electrical)

1	Anabond	27	Holdite Graphite compound
2	Araldite	28	Holdite liquid sealants
3	Banian Cloth	29	Hose clamps
4	Battery (Pencil)	30	Blow lamp
5	Battery Torch cell	31	Insulation tape(PVC/Para/Empire/ Fibre-glass/Glass mica/Cotton)
6	Brush	32	Kerosene, Petrol, Diesel
7	Cotton tape roll	33	Lead wire
8	Cotton waste	34	Lugs
9	CRC 2-26	35	Loctite (Flange sealant, Thread sealant, Bearing retainer)
10	CTC	36	M Seal
11	Petrol, Diesel	37	M.S. Fasteners like Bolt/nut/washer
12	DA gas, oxygen gas	38	Welding electrodes
13	Drill bits	39	O Ring / Chord
14	Emery sheet (Coarse and Fine)	40	Paintbrush
15	F.G. Tape varnished roll	41	Rustolene
16	Fevicol, Feviquick	42	Sandpaper/m Emery sheet
17	Petroleum jelly	43	Shims
18	Varnish	44	Soldering paste
19	Perplex sheet	45	Soldering rod
20	Markin cloth	46	Teflon tape
21	Gasket (rubber)	47	Welding glasses German / white)
22	Gasket oil sheets	48	Welding holders, welding cables
23	Gland rope	49	Wire brush
24	Grinding wheel (Cutting/Buffing)	50	Wood screws
25	Hacksaw Blade (Junior & Senior)	51	Wood plugs
26	Hand Gloves (Leather/Cotton/Rubber/Asbestos& electrical insulated globes)	52	Hand lamps, Distribution boards

Instrumentation

a. Tools & Tackles:

Sl.No.	Tools	Qty	Make
1	Screw Driver Complete Set, Product No.848	1 set each for technician	TAPARIA
2	Star Screw driver complete Set , Product No. 821	1 set each for technician	TAPARIA
3	Torx Screw Driver Set , T 5 to T 40L	2 Sets(total 36)	TAPARIA
4	Slide Wrench 6",8", 10" and12" Product no.1172 , 1173	1 set each for technician	TAPARIA
5	Wire cutting and stripping tool	1 set each for technician	TAPARIA
6	Line Tester , Product No.814, Length = 125 mm	1 set each for technician	TAPARIA
7	Nose Plier Length =170 mm, Product No.1430 and Cutting Plier Length = 165mm ,Product No.1122-6	1 set each for technician	TAPARIA
8	Combination Plier insulated with thick C.A. Sleeve , Product No. 1621-7,Length =185 mm	2 Nos	TAPARIA
9	Pipe Wrentch Product No. 1272,1273,1274	1 set each for technician	TAPARIA
10	Double ended Spanner D -type(Ribbed) (complete Set - mm size) Box packing, Product no.1612	1 set each for technician	TAPARIA
11	Double ended Spanner D -type(Ribbed) (complete Set - Inches size) Box packing, Product No.DW 09	2 Nos	TAPARIA
12	Double ended Spanner Ring - type(Ribbed) (complete Set - mm size) Box packing, Product No.1812	1 set each for technician	TAPARIA
13	Torque wrench Set	2 Sets	TAPARIA
14	Allen Key set with black finish(Complete sets - mm sizes) Box packing ,Product No.KM-9V	1 set each for technician	TAPARIA
15	Allen Key set with black finish(Complete sets - Inches sizes) Box packing Product No.KI-10V	1 set each for technician	TAPARIA
16	Temperature control Soldering iron Station with fine and medium tip, Model Signetic-DS , Part No.1021	2 No. each	SIGNETIC
17	De-soldering dispenser , Part No. 1112	3Nos	SIGNETIC
18	Hand drilling Machine Motorised with complete drill bit sets in - mm and inches	2 sets	Bosch

19	Bench Vice(Small and Medium)	1 No. each	APEX
20	Hand drier cum blower	2 Nos.	Bosch
21	Vacuum Cleaner (Portable)	2 Nos	Eurecka Forbes
22	Vacuum Cleaner (heavy duty) with heater cum blower arrangement	1no.	Eurecka Forbes
23	Engineers Tool Kit(Containing Screw driver,combination plier,slide wrentch ,line tester etc.) Product No. 1002	15 Nos	TAPARIA
24	Instrument Engineer's tool kit	1 No	RS-Component
25	Hex Saw frame with blades(Small and Medium)	2 Nos each	TAPARIA
26	Crimping M/C for RJ 45 Connector	2 Nos	RS-Component
27	Tube Cutter	2 Nos	RECORD
28	Tube Bender Hand	2 Nos	ATLAS
29	Pipe Bender Hydraulic	1 Nos	Any reputed make
30	Hole Saw Cutter Set	2 Sets	KUT WISE
31	Hammer Steel Head	2 Nos	TAPARIA
32	Hammer Teflon Head	1 No	INDER
33	Hand drilling Machine Motorised with complete drill bit sets in - mm and inches	2 sets	Bosch
34	Chisel set(Flat and octagonal) Product No.102,104,1046,1048,106R	2 Nos each	MB
35	Centre Punch, Product No. 1984,1985	1 no each for technician	MB
36	Measuring Tape (3 meter length)	20 Nos	Any reputed make
37	Punching tools - pin punch	2 Set	RS-Component
38	Hot Air Gun, Model-GHG	1 No	Bosch
39	Circlip plier(inner & outer adjustable)	2 Sets	Any reputed make
40	mA,mV & temperature sUAILce/simulator	5 Nos	Yokogawa
41	Multimeter	1 each for(technician & Engineer)	Yokogawa
42	Zig saw blade set	5 sets	RS component
43	Monkey Plier	1 no each for technician	Taparia
44	Screw Spanner 8" & 12"	1 no each for technician	Taparia
45	Blower	1 no	Bosch
46	Soldering iron	2 nos	

b. Consumables:

Consumables like, washers, screws, all type of bolt and nuts, ferrules, etc. will be in O&M Operator scope and should be replaced as and when required. Supply of all consumables including all type of welding electrodes, belt vulcanization compounds, O Rings, Gland Packing, Gaskets, Teflon tape, PVC tape, rust removers, sealant, adhesives, cotton wool, soap solutions etc. shall be under O&M Operator's scope. The indicative Consumables are as per list given below. This list is indicative only, all consumables required to carry out smooth operation & Mechanical Maintenance is in scope of O&M Operator.

Sr.NO	DESCRIPTION
1	RUSTOLINE (SPRAY TYPE) /WD 40
2	TEFLON TAPE-3/4"
3	LOCTITE - 406
4	ANABOND - 202
5	LOCTITE - 547
6	HOLD TITE (200 GMS Pack)
7	M-SEAL PUTTIES - 50GMS PACK
8	EMERY TAPE 50 MM WIDTH COTTON ROLL
9	SIZE- 60 MICRONS
10	SIZE-80 MICRONS
11	SIZE- 100 MICRONS
12	GAS CUTTING SET NOZZLE
13	SIZE-3/64
14	SIZE-1/64
15	SIZE-1/8
16	SIZE -1/64
17	WELDING HOLDER 500 AMPS
18	GAS CUTTING SET
19	HEAVY DUTY RUBBER HOSE FOR OXYGEN CYLINDER
20	HEA VY DUTY RUBBER HOSE FOR ACETYLENE CYLINDER
21	WELDING CABLE (COPPER)
22	WELDING CABLE (ALUMINIUM)
23	WELDING SHIELD (HEAD MOUNTED)
24	BLUE GLASS FOR WELDING
25	WHITE GLASS FOR WELDING
26	HACKSAW FRAME
27	HACKSAW BLADE MAT-HSS
28	HOSE CLAMP
29	SIZE -15 NB
30	SIZE -20 NB
31	SIZE -25 NB
32	**DRILL BIT**
33	SIZE - 8 MM
34	SIZE - 10 MM

35	SIZE - 16 MM
36	**GRINDING WHEEL**
37	FOR AG – 7
38	FOR AG – 4
39	FOR GQ – 4
40	PENCIL GRINDING WHEEL (NIDDLE & STRAIGHT) FF2
41	PVC TRANSPARENT HOSE WITH INSIDE NYLON BRAIDED SIZE - 25 NB
42	COTTON WASTE
43	MARKIN CLOTH
44	LEATHER HAND GLOVES
45	**WELDING ELECTRODE**
46	6013 - 2.5 MM
47	6013 - 3.15 MM
48	6013 - 4 MM
49	7018 - 3.15 MM
50	7018 - 4 MM
51	CAST IRON WLEDING ROD
52	L & T 680 CGS 3.15mm
53	**TAP SET**
54	6 MM
55	8 MM
56	10MM
57	12 MM
58	16 MM
59	20 MM
60	TAP HANDLE
61	**WIRE ROPE CLAMP**
62	8MM
63	10 MM
64	16 MM
65	20 mm
66	SINGLE STAGE OXYGEN REGULATOR
67	ACETYLENE REGULATOR
68	OXYGEN/ACETYLENE HOSE CONNECTOR
69	GARFIL NYLON MAKE HAULING ROPE DIA 25 MM
70	GARFIL NYLON MAKE HAULINGROPEDIA16MM
71	Flash Back Arrestor Torch End Acetylene
72	Flash Back Arrestor Torch End Oxygen
73	Flash Back Arrestor Regulator End Acetylene
74	Flash Back Arrestor Regulator End Oxygen
75	**HOSE NIPPLE**
76	15 MM
77	CUTTING GOGGLE
78	GRINDING GOGGLE
79	OXYGEN CYLINDER
80	LPG CYLINDER
81	**SS SHIM**

82	0.03 MM
83	0.05 MM
84	0.1 MM
85	0.2 MM
86	0.3 MM
87	0.5 MM
88	1.0 MM
89	1.5 MM & 2 MM
90	Hot vulcanization solution with insulation material
91	Cold vulcanization solution & hardener
	ELECTRICAL CONSUMABLES
92	Cu Cable 3 core 1.5 sq.mm
93	Cu Cable core 2 sq.mm
94	Cu Cable core 2.5 sq.mm
95	RCCB
96	Hand lamp cage
97	Halogen lamp
98	Halogen lamp holder
99	Bulb 100w
100	Cable lugs
101	Carbon brush for grinding machine
102	Modular distribution box
103	5 pin/3 pin Plug sockets
104	MCBs upto 63 Amps

HT/MS Fasteners detail (The list is indicative only All fasteners are in scope of O&M Operator those are installed in LDC system)

S.No	Description	Type	UOM	Minimum Stock
1	Bolt, Nut with Washer M3/16 X 25	MS	NO	64
2	Bolt, Nut with Washer M3/16 X 25	MS	NO	64
3	Bolt, Nut with Washer M 8 X 40	MS	NO	64
4	Bolt, Nut with Washer M 10 X 145 (Allen Bolt)	HT	NO	64
5	Bolt, Nut with Washer M 10 X 65	HT	NO	64
6	Bolt, Nut with Washer M 10 X 35	HT	NO	64
7	Bolt, Nut with Washer M 12 X 30	MS	NO	64
8	Bolt, Nut with Washer M 12 X 60	MS	NO	64
9	Bolt, Nut with Washer M12X75	HT	NO	64
10	Bolt, Nut with Washer M12X75	HT	NO	64
11	Bolt, Nut with Washer M 16 X 150	HT	NO	64
12	Bolt, Nut with Washer M 16 X 100	HT	NO	64
13	Bolt, Nut with Washer M 16 X 65	HT	NO	64
14	Bolt, Nut with Washer M 16 X 60	HT	NO	64
15	Bolt, Nut with Washer M 16 X 75	MS	NO	80

16	Bolt, Nut with Washer M 16 X 130	MS	NO	12
17	Bolt, Nut with Washer M 16 X 60	MS	NO	64
18	Bolt, Nut with Washer M 16 X 250	MS	NO	64
19	Bolt, Nut with Washer M 16 X 65	MS	NO	64
20	Bolt, Nut with Washer M 16 X 85	MS	NO	64
21	Bolt, Nut with Washer M16 X 50	MS	NO	100
22	Bolt, Nut with Washer M16X120	HT	NO	64
23	Bolt, Nut with Washer M16X75	HT	NO	32
24	Bolt, Nut with Washer M18X75	MS	NO	32
25	Bolt, Nut with Washer M18X100	MS	NO	32
26	Bolt, Nut with Washer M 20 X 40	HT	NO	32
27	Bolt, Nut with Washer M20X120	HT	NO	32
28	Bolt, Nut with Washer M 20 X 75 HALF THREAD	HT	NO	32
29	Bolt, Nut with Washer M20X90 HALF THREAD	HT/MS	NO	60
30	Bolt, Nut with Washer M 24 X 105 HALF THREAD	HT	NO	32
31	Bolt, Nut with Washer M 24 X 85 HALF THREAD	MS	NO	32
32	Bolt, Nut with Washer M 24 X 110 HALF THREAD	MS	NO	32
33	Bolt, Nut with Washer M 24 X 100	MS	NO	32
34	Bolt, Nut with Washer M 24 X 100 HALF THREAD	MS	NO	32
35	Bolt, Nut with Washer M 24 X 90 HALF THREAD	MS	NO	32
36	Bolt, Nut with Washer M24 X 80	HT	NO	16
37	Bolt, Nut with Washer M24X150	HT	48	32
38	I BOLT M16 x 110		NO	64

Sl. No.	Description	Minimum Stock Qty (Nos)	Monthly consumption (Max in nos)
117	SPRING WASHER 3MM	50	30
118	SPRING WASHER 3.5MM	50	30
119	SPRING WASHER 4MM	50	30
120	SPRING WASHER 5MM	50	30
121	SPRING WASHER 6MM	50	30
122	SPRING WASHER 8MM	50	30
123	SPRING WASHER 10MM	50	30
124	SPRING WASHER 12MM	50	30
125	SPRING WASHER 14MM	50	30
126	SPRING WASHER 16MM	50	30
127	SPRING WASHER 18MM	50	30
128	SPRING WASHER 20MM	50	30
129	SPRING WASHER 22MM	50	30
130	SPRING WASHER 24MM	50	30
131	SPRING WASHER 27MM	50	30
132	SPRING WASHER 30MM	50	30
133	SPRING WASHER 33MM	50	30
134	SPRING WASHER 36MM	50	30

135	SPRING WASHER 39MM	50	30

MS Bolt & Nuts (the list is indicative only All fasteners are in scope of O&M Operator those are installed in Bauxite Handling system)

BOLT NUT & WASHER M10X50(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M10X75(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M10X125(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M12X50(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M12X65(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M12X75(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M12X125(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M14X50(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M14X75(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M14X90(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M16X50(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M16X75(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M16X90(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M16X100(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M16X125(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M16X150(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M18X90(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M18X100(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M18X125(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M20X50(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M20X75(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M20X90(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M20X100(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M20X125(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M20X150(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M22X75(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M22X100(Full Threaded, Grade-4.6)	50	30

BOLT NUT & WASHER M22X150(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M24X65(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M24X75(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M24X125(Full Threaded, Grade-4.6)	50	30
BOLT NUT & WASHER M24X150(Full Threaded, Grade-4.6)	50	30

Consumables

1	Anabond	27	Holdite Graphite compound
2	Araldite	28	Holdite liquid sealants
3	Banian Cloth	29	Hose clamps
4	Battery (Pencil)	30	Blow lamp
5	Battery Torch cell	31	Insulation tape(PVC/Para/Empire/ Fibre-glass/Glass mica/Cotton)
6	Brush	32	Kerosene, Petrol, Diesel
7	Cotton tape roll	33	Lead wire
8	Cotton waste	34	Lugs
9	CRC 2-26	35	Loctite (Flange sealant, Thread sealant, Bearing retainer)
10	CTC	36	M Seal
11	Petrol, Diesel	37	M.S. Fasteners like Bolt/nut/washer
12	DA gas, oxygen gas	38	Welding electrodes
13	Drill bits	39	O Ring / Chord
14	Emery sheet (Coarse and Fine)	40	Paintbrush
15	F.G. Tape varnished roll	41	Rustolene
16	Fevicol, Feviquick	42	Sandpaper/Emery sheet
17	Petroleum jelly	43	Shims
18	Varnish	44	Soldering paste
19	Perplex sheet	45	Soldering rod
20	Markin cloth	46	Teflon tape
21	Gasket (rubber)	47	Welding glasses German / white)
22	Gasket oil sheets	48	Welding holders, welding cables
23	Gland rope	49	Wire brush
24	Grinding wheel (Cutting/Buffing)	50	Wood screws
25	Hacksaw Blade (Junior & Senior)	51	Wood plugs

26	Hand Gloves (Leather/Cotton/Rubber/Asbestos& electrical insulated globes)	52	Hand lamps, Distribution boards

Consumables

SL NO	ITEMS	MIN. STOCK TO BE MAINTAINED MONTHLY	UNIT
1	SILICON OIL	1	LITERS
2	SOLDER WIRE	100	GRAMS
3	LIQUID SOLDERING PASTE	100	GRAMS
4	GLYCERINE	5	LITERS
5	ETHYL ALCOHOL	5	LITERS
6	BONDED SEAL 1/4"	20	EA
7	BONDED SEAL 3/8 "	20	EA
8	BONDED SEAL 1/2"	20	EA
9	OHP MARKER FINEST (RED, GREEEN,BLUE)	15	EA
10	BATTERIES AA 1.5 Vdc ALKALINE	20	EA
11	BATTERIES AAA 1.5 Vdc DRY BATTERY(NORMAL)	20	EA
12	TEST CABLE LEADS, CATALOGUE NO : AWG20,10AMP	5	SET
13	U TYPE LUGS 1.5mm	50	EA
14	U TYPE LUGS 0.75mm	50	EA
15	BANANA PLUG	20	EA
16	BANANA SOCKETS	10	EA
17	OKS 2621	2	EA
18	LEAK DETECTOR	10	BOTTLE
19	SEALING COMPOUND FOR VACCUM	1	Kg
20	TISSUE PAPER	5	PAC
21	ANABOND(5 OR 10 gm)	10	PIECE
22	ARALDITE(25 gm)	3	SET
23	I TYPE 1.5 mm LUGS	50	EA
24	CRC-2-26	5	EA
25	TERMINA; STRIP 10 WAY	10	EA
26	DRILL BIT SET	4	EA
27	HACK SAW BLADE STANDARD	5	EA

28	HACK SAW BLADE MINI	5	EA
29	CONNECTOR SCREW DRIVER 3*1*150 mm	20	EA
30	HEAT SINK COMPOUND	2	EA
31	CROCODILE CLIPS(miniature insulated)	20	EA
32	HOLE SAW CUTTER 3/4"	3	EA
33	HOLE SAW CUTTER 7/8"	3	EA
34	HOLE SAW CUTTER 1.25"	3	EA
35	3 pin plug 5 A	5	EA
36	DESOLDERING IRON CLEANING WIRE	20	EA
37	NOZZLE CLEANING WIRE FOR PNEUMATIC INSTRUMENT	10	SET
38	TRANSISTOR BC 547	10	EA
39	DIODE BV 505	5	EA
40	RESISTANCE 10 OHM 1 WATT	20	EA
41	FUSE GLASS CYLINDRICAL 10*38mm 0.5A FAST ACTING-(for Yokogawa Multimeter)	30	EA
42	FUSE GLASS CYLINDRICAL 10*38mm 15A FAST ACTING	15	EA
43	O RING SET (UPTO 25mm)	5	SET
44	270 ohm 1/2 WATT CARBON RESISTANCE	10	EA
45	LED(RED)	10	EA
46	LED(GREEN)	10	EA
47	LED(WHITE)	10	EA
48	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 63mA,250V,SLOW BLOW	25	EA
49	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 125mA,250V,SLOW BLOW	25	EA
50	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 630mA,250V,SLOW BLOW	25	EA
51	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 800mA,250V,SLOW BLOW	25	EA
52	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 1A,250V,SLOW BLOW	25	EA
53	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 0.25A,250V,SLOW BLOW	25	EA
54	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 2A,250V,SLOW BLOW	25	EA
55	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 0.4A,250V,SLOW BLOW	25	EA
56	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 4A,250V,SLOW BLOW	25	EA
57	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 1.25A,250V,SLOW BLOW	25	EA
58	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 6.3A,250V,SLOW BLOW	25	EA
59	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 10A,250V,SLOW BLOW	25	EA

60	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 5A,250V,SLOW BLOW	25	EA
61	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 5X20mm,RATING : 8A,250V,SLOW BLOW	25	EA
62	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 63mA,250V,SLOW BLOW	10	EA
63	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 125mA,250V,SLOW BLOW	10	EA
64	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 630mA,250V,SLOW BLOW	10	EA
65	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 800mA,250V,SLOW BLOW	10	EA
66	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 1A,250V,SLOW BLOW	10	EA
67	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 0.25A,250V,SLOW BLOW	10	EA
68	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 2A,250V,SLOW BLOW	10	EA
69	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 0.4A,250V,SLOW BLOW	10	EA
70	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 4A,250V,SLOW BLOW	10	EA
71	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 1.25A,250V,SLOW BLOW	10	EA
72	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 6.3A,250V,SLOW BLOW	10	EA
73	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 10A,250V,SLOW BLOW	10	EA
74	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 5A,250V,SLOW BLOW	10	EA
75	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : 8A,250V,SLOW BLOW	10	EA
76	FUSE,TYPE : RADIAL,SIZE : 5X20mm,RATING : T63mA,250V,SLOW BLOW	10	EA
77	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 63mA,250V,SLOW BLOW	25	EA
78	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 125mA,250V,SLOW BLOW	25	EA
79	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 630mA,250V,SLOW BLOW	25	EA
80	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 800mA,250V,SLOW BLOW	25	EA
81	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 1A,250V,SLOW BLOW	25	EA
82	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 0.25A,250V,SLOW BLOW	25	EA
83	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 2A,250V,SLOW BLOW	25	EA
84	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 0.4A,250V,SLOW BLOW	25	EA
85	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 4A,250V,SLOW BLOW	25	EA
86	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 1.25A,250V,SLOW BLOW	25	EA
87	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 6.3A,250V,SLOW BLOW	25	EA
88	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 10A,250V,SLOW BLOW	25	EA
89	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 5A,250V,SLOW BLOW	25	EA

90	GLASS FUSE,TYPE : CYLINDRICAL,SIZE : 6.3X32mm,RATING : 8A,250V,SLOW BLOW	25	EA
91	FAST BLOWING GLASS FUSE,100Ma	20	EA
92	FAST BLOWING GLASS FUSE,1A	20	EA
93	FAST BLOWING GLASS FUSE,2A	20	EA
94	ALUMINIUM WASHER SET,SIZE : 16mmOD,7mm ID	20	EA
95	ALUMINIUM WASHER SET,14.7mm OD ,7 mmID	20	EA
96	ALUMINIUM WASHER SET,11mm OD, 7 mm ID	20	EA
97	ALUMINIUM WASHER SET,16 mm OD, 7 mm ID	20	EA
98	COPPER WASHER SET,16mmOD,7mm ID	20	EA
99	COPPER WASHER SET,14.7mm OD ,7 mmID	20	EA
100	COPPER WASHER SET,11mm OD, 7 mm ID	20	EA
101	COPPER WASHER SET,16 mm OD, 7 mm ID	20	EA
102	TEFLON WASHERS SET,SIZE : 16mmOD,7mm ID	20	EA
103	TEFLON WASHERS SET,14.7mm OD ,7 mmID	20	EA
104	TEFLON WASHERS SET11mm OD, 7 mm ID	20	EA
105	TEFLON WASHERS SET,16 mm OD, 7 mm ID	20	EA
106	CONDUCTIVITE PEN	1	EA
107	STEEL WIRE BRUSH fixable in drill machine used	1	EA
108	EXTENSION BOARD 15A socket X 2 POINT WITH SWITCHES	10	EA
109	PETROL	5	LITRES
110	SIGNETICS SOLDERING IRON 220V Ac	1	EA
111	CABLE GLANDS,DC,COMET,CBW-01ET	20	EA
112	CABLE GLANDS,DC,COMET,CBW-01(NPT)	20	EA
113	CABLE GLANDS,DC,COMET,CBW-01S	20	EA
114	CABLE GLANDS,DC,COMET,CBW-02 ET	20	EA
115	CABLE GLANDS,DC,COMET,CBW-03ET	20	EA
116	CABLE GLANDS,DC,COMET,CBW-04 ET	20	EA
117	CABLE GLANDS,DC,COMET,CBW-05ET	20	EA





Appendix 7
Performance Score Card

PERFORMANCE SCORECARD								
		Objectives	**UOM**	**Range**	**Frequency**	**Max. Rating**	**MF**	**Total Score**
A	**Plant Performance**	40%						
1	Plant Availability	Availability of system	Rating	0 to 5	Monthly	5	4	20
2	Through Put	Operating Efficiency	Rating	0 to 5	Monthly	5	4	20
B	**Organogram**	20%						
1	Adequate manpower	As per agreed organogram on pro-rata basis	Nos	0 to 5	daily	5	2	10
2	Quality manpower	Based on qualification, experience & joint interview	Rating	0 to 5	daily	5	1	5
3	Manpower punctuality	As certified by engineer incharge	Rating	0 to 5	shift wise	5	1	5
C	**Records Upkeep & Others**	15%						
1	Response time for attending breakdown & Shudown	As certified by engineer incharge	Rating	0 to 5	shift wise	5	0.4	2
2	Equipment monitoring and LLF checking	As certified by engineer incharge	Rating	0 to 5	shift wise	5	0.4	2
3	Assistance in Spares planning	As certified by engineer incharge	Rating	0 to 5	Daily/Weekly	5	0.2	1
4	Timely completion and quality of jobs	As certified by engineer incharge	Rating	0 to 5	shift wise	5	0.4	2

5	Adequate tools and tackles & Report submission on tools and tackles	As per records	Rating	0 to 5	shift wise	5	0.4	2
6	Preventive & Predictive maintenance checklists on daily / weekly / fortnightly / monthly basis and compliance report submission	As per records	Rating	0 to 5	As per schedule	5	0.4	2
7	Equipment history records, Record for MTBF / MTTR / Performance indices for all major equipments	As per records	Rating	0 to 5	daily	5	0.4	2
8	Records for SMP / detailed tasks / Job instructions prepared / Document revision done and job execution as per SMP	As per records	Rating	0 to 5	daily	5	0.4	2
D	**Housekeeping**	5%						
1	Area housekeeping and Equipment cleaning	As certified by engineer incharge	Rating	0 to 5	daily	5	0.5	2.5
2	Shifting of scrap from plant to scrap yard / designated place	As certified by engineer incharge	Rating	0 to 5	weekly	5	0.5	2.5
E	**Safety**	20%						
1	PPE's for all individuals	As certified by engineer incharge	Rating	0 to 5	shift wise	5	1	5
2	Accidents / Incidents	As certified by engineer incharge	Rating	0 to 5	shift wise	5	1.5	7.5
3	Timely testing of tools and tackles	As per records	Rating	0 to 5	yearly	5	1.5	7.5

		TOTAL						100
Note:								
1	All payment terms shall be linked with scorecard							
2	Review for scorecards will be carried out jointly once in a months.							
3	Score cards will be subject to change based on joint review.							
4	Monthly bills will be submitted along with certified scorecards and all documents as mentioned in scorecard.							
5	Through Put/operating hours is not dependent on poor quality of material handled or other such factors which is detrimental to equipment life / Effeciency							
	For a monthly score of 95 to 100, payment = 100%							
	For a monthly score of less than 95 (Say X), payment = (100 - (95 - X))% X Monthly Payment							

Note: If in any particular month the penalty will be more than 15% then the same will be recovered in 2 to 3 instalments.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

Appendix 7 A
Guidelines for Performance Score Card

Guidelines for Performance Score Card					
Sl No	Parameters	Measurement	Total Score	Rating	Criteria
A. Plant Performance					
1	Plant Availability	As per production records & calculations based on production downtime attributable to the service provider.	20	5	5 at 95 % and above
				< 5	Plant availability < 95% with score=0 at 80%
2	Throughput	As per production target for the month	20	<5	On pro-rata if production achieved is less tha 100% with score=0 at 80%
B. Organogram					
1	Adequate manpower	As per agreed organogram.	10	5	If=> 100% manpower (minimum required as per organogram) availability on all days. For any additional manpower(above minimum required) engaged to complet the jobs as per scope of work shall be without any financial implication to UAIL
				*	For manpower less than minimum requirement amount will be deducted as per actual agreed amount basis w.r.t designation.
2	Quality Manpower	Based on qualification, experience , joint interview & actual performance	5	5	If => 95% persons deployed are qualified/experienced & has performed the job satisfactorily during the shift
				4	<95%
				3	<90%
				2	<85%
				1	<80%
				0	<75%
3	Manpower punctuality	As per electronic attendance punching system records/manual attendance submitted on daily basis & certification by engineer incharge	5	5	If => 95% persons report for duty in time
				4	<95%
				3	<90%
				2	<85%
				1	<80%

				0	<75%
C. Record upkeep & others					
1	Response time for attending break down & shutdown	As certified by area in charges	2	5	Immediate/quick arrangement of manpower, spares, tools & tackles (within 30 mins) depending upon the nature of job/site situation for all exigency jobs.
				4	If one case of casual approach where arrangement of manpower, tools & tackles is not done immediately to carry out the job
				3	If two cases of casual approach where arrangement of manpower, tools & tackles is not done immediately to carry out the job
				2	If three cases of casual approach where arrangement of manpower, tools & tackles is not done immediately to carry out the job
				1	If four cases of casual approach where arrangement of manpower ,tools & tackles is not done immediately to carry out the job
				0	If five cases of casual approach where arrangement of manpower , tools & tackles is not done immediately to carry out the job
2	Equipment monitoring and LLF checking	As certified by area in charge	2	5	Timely/regular monitoring and recording of vibration, temperatures/other parameters on display board as per the instruction of area in charge
				4	If any two deviations observed
				3	If any three deviations observed
				2	If any four deviations observed
				1	If any five deviations observed
				0	If any deviations is more than 5
3	Assistance in spares planning	As certified by area in charge	1	5	For recordkeeping & conveying to concerned engineer the status (along with consumption, received & available stock) of any required spare posing threat to plant availabity on weekly basis
				4	Failing to comply the requirement mentioned above on one occasion
				3	Failing to comply the requirement mentioned above on two occasions

				2	Failing to comply the requirement mentioned above on three occasions
				1	Failing to comply the requirement mentioned above on four occasions
				0	Failing to comply the requirement mentioned above on four occasions
4	Timely Completion & quality of jobs	As certified by area in charge	2	5	If job is completed as per discussion held with engineer incharge & no failure within average MTBF
				4	If job is completed as per discussion held with engineer incharge & no repeated failure in next 72 running hours
				3	If one case of job failure/repeatability of job due to poor workmanship/quality.
				2	If two cases of job failure/repeatability of job due to poor workmanship/quality.
				1	If >three cases of job failure/repeatability of job due to poor workmanship/quality.
				0	If >four cases of job failure/repeatability of job due to poor workmanship/quality.
5	Adequate tools and tackles & Report submission on tools and tackles	As certified by area in charge	2	5	If no job gets delayed due to unavailability of tools& tackles/consumables/mobile equipments and report submitted.
				4	If one case of job delayed due to unavailability of adequate tools&tackles/consumables/mobile equipments resulting in delay in completion of jobs and report not submitted
				3	If two cases of job delayed due to unavailability of adequate tools&tackles/consumables/mobile equipments resulting in delay in completion of jobs.
				2	If three cases of job delayed due to unavailability of adequate tools&tackles/consumables/mobile equipments resulting in delay in completion of jobs and report not submitted
				1	If four cases of job delayed due to unavailability of adequate tools&tackles/consumables/mobile equipments resulting in delay in completion of jobs and report not submitted

				0	If five cases of job delayed due to unavailability of adequate tools&tackles/consumables/mobile equipments resulting in delay in completion of jobs and report not submitted
6	Preventive & Predictive maintenance checklists on daily / weekly / fortnightly / monthly basis and compliance report submission	As per planned schedule & certified by area in charges	2	5	Compliance 100- 95 %
				<5	Compliance< 95% with score=0 at 80%
7	Equipment history records,Record for MTBF / MTTR / Perfomance indices for all major equipments	As certified by area in charge	2	5	If history records for all equipments are maintained & updated regularly.
				4	If history records for all equipments are not maintained, two deviations observed.
				3	If history records for all equipments are not maintained, three deviations observed.
				2	If history records for all equipments are not maintained, four deviations observed.
				1	If history records for all equipments are not maintained, five deviations observed.
				0	If history records for all equipments are not maintained, more than five cases observed.
8	Records for SMP / detailed tasks / Job instructions prepared / Document revision done and job execution as per SMP	As certified by area in charge	2	5	All records maintained and jobs executed as SMP
				4	All records not maintained and two deviation observed during job execution
				3	All records not maintained and three deviation observed during job execution
				2	All records not maintained and four deviation observed during job execution
				1	All records not maintained and five deviation observed during job execution

				0	All records not maintained and more than five deviation observed during job execution
D. Housekeeping					
1	Area housekeeping and Equipment cleaning	As per records certified by area in charge	2.5	5	If 100% housekeeping and equipment cleaning done.
				4	Upto 90%
				3	Upto 75%
				2	Upto 65%
				1	Upto 60%
				0	50% & less
2	Shifting of scrap from plant to scrap yard / designated place	As per records certified by area in charge	2.5	5	If achieved upto 95% within two hours after completion of job
				4	Upto 90%
				3	Upto 80%
				2	Upto 70%
				1	Upto 60%
				0	50% & less
E. Safety					
1	PPE's for all individuals	As certified by area in charge	5	5	If all individuals found wearing PPE's on most occasions and no deviation in complying to safety norms while at work/in workplace.
				4	If any two of the individuals found defaulter
				3	If any three of the individuals found defaulter
				2	If any four of the individuals found defaulter
				1	If any five of the individuals found defaulter
				0	If any six and above the individuals found defaulter
2	Accidents/Incidents	As certified by area in charges	7.5	5	Zero near miss/incident/accident
				4	Near miss/first aid/incident<=2,even though job specific PPE's usage & safe working act was compiled
				3	Near miss/first aid/incident<=2 without usage of PPE's
				2	Near miss/first aid/incident=3
				1	Near miss/first aid/incident =4
				0	Near miss/first aid/incident =5 or in case of fatal accident
3	Timely testing of tools and tackles	As certified by area in charges	7.5	5	All tools and tackles found tested
				4	Any one of the tools and tackles not found tested
				3	Any two of the tools and tackles not found tested

				2	Any three of the tools and tackles not found tested
				1	Any four of the tools and tackles not found tested
				0	Any one of the tool and tackles failed during usage

Appendix 8

CODE OF CONDUCT

Hindalco is committed to conducting its business in an ethical, legal and socially responsible manner. As a part of Hindalco's long-term sustainability approach, Hindalco strives to be responsible in all aspects of its business. To ensure common minimum standard of ethical conduct, while doing business with Hindalco, its Service Providers are expected to adhere to this Code of Conduct in letter and spirit for the mutual benefit of the Service Providers and Hindalco.

CODE OF CONDUCT KEY PRINCIPLES

I. Anti-Corruption and Anti-Bribery

The Service Providers shall not seek, accept, receive, or offer directly or indirectly, any gift, payment or favour, in any form, which can be perceived as being given to gain favour with the business associates of Hindalco or Hindalco's employees and shall ensure that Hindalco's interests are never compromised .The Service Providers shall not engage in any activity of corruption, bribery, money-laundering, embezzlement, extortion, fraud, mismanagement, wilful misuse of power or wilful misuse of discretion against any public servant or have irregularities in statutory record and shall have 'zero tolerance' approach to such vices.

II. Statutory Compliance

The Service Providers shall comply with all the applicable statutory laws, rules and regulations. The Service Providers shall keep itself abreast of changing norms of conducting business. The Service Providers shall also ensure to keep records for such statutory compliances, permits, approvals necessary to conduct its business and upon request, furnish copies of the same to Hindalco.

III. Fair Treatment

The Service Providers shall treat its employees fairly. The Service Providers must ensure that its employees are not subject to violating of human rights, including but not limited to sexual harassment, mental or physical coercion, verbal abuse and unreasonable restrictions.

IV. Right to Privacy

The Service Providers shall recognize its employees' rights to privacy and personal dignity. The Service Providers shall not discriminate in favor of or against members of employee organizations.

V. Forced Labour and Child Labour

The Service Providers shall ensure fair remuneration and working hours set forth by applicable laws in the country where it operates, while engaging its workforce. The Service Providers shall not employ child labour.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

VI. Environment

The Service Providers shall have necessary systems to minimize the impact of its operations and products on the environment and maintain strict compliance with government regulations.

The Service Providers shall ensure continuous improvements in environmental protection, specifically with respect to waste, water use, air emissions, energy use, natural resources use and disposal of hazardous materials.

VII. Business Ethics

The Service Providers shall provide assistance to Hindalco in a professional manner by adhering to policies, best practices, guidelines and internal controls at Hindalco. The Service Providers shall act in utmost good faith and exercise due care, diligence and integrity in performing their office duties. The Service Providers shall ensure that its employees have requisite authorizations to access or use Hindalco's assets, properties, information and intellectual rights for official purpose only, as per the terms of the Service Providers' engagement with Hindalco. The Service Providers shall not misuse Hindalco's logo, misrepresent its products or engage in malicious propaganda.

VIII. Health and Safety

The Service Providers shall provide healthy and safe working place to its employees by continuously identifying, assessing and reducing health and safety risk as low as practicable and adhering to acceptable standards and shall conform to all safety norms of Hindalco while in the premises of Hindalco. The Service Providers shall conduct periodic inspections, reviews and corrective measure to improve occupational health and safety while dealing with hazardous material or equipment. The Service Providers shall issue proper notices to its employees in case of not following sanitary, storage, eating and drinking norms. The Service Providers shall promote and create awareness of healthy working conditions, maintaining hygiene, safety and emergency exit measure for its employees, contractors and agents.

To ensure compliance of this Code of Conduct, Hindalco may, at its discretion carry out self-assessment surveys, audits and/or inspection.

In case any violation of this Code is identified, Hindalco may at its discretion, terminate business relation with the violating Service Providers, and in case if Hindalco deems fit, allow time to remediate the violation(s), and if such violation(s) is/are not remedied to the satisfaction of Hindalco within the given timeframe, Hindalco may terminate business relationship with such violating Service Providers.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

Appendix 9

OCCUPATIONAL HEALTH, SAFETY & ENVIRONMENTAL CLAUSES AND SPECIFICATION FOR O&M Operator

Site Operations and Safety Regulations:-

The O&M Operator shall be solely responsible for the adequacy, stability and safety of its operations on the Site. The O&M Operator shall, prior to the commencement of Works at the Site, prepare and submit to Owner a comprehensive set of safety regulations in connection with its operations at the Site. The O&M Operator shall comply with and shall ensure that all of its employees, agents and Sub-O&M Operators of any tier engaged in work at the Site comply with the provisions of such safety regulations.

- **SCOPE:**

  - Ensure accident free working at all sites - No fatality or LTA at any site associated with OWNER, Doraguda with a vision to achieve Zero harm.
  - All jobs as defined in the contract within the company premises or associated with Company related work is made/carried out in a manner that the risk to Health, Safety and Environment is adequately addressed.
  - Compliance of all the legal & other requirements (Acts, Rules & IS specifications) pertaining to Health- Safety & Environment including employment & conditions of services. Compliance of Health Safety Environment standards & practices of Owner.

- **Personal Protective Equipment (PPEs)**

  Indian Standard quality PPEs in line with Owner guideline must be used with uniformity by all associate partners within Owner's works premises.

  - Safety helmet with chin strap IS 2925:1984
  - Safety shoes (For electricians/engineers shall be tested electrical shock proof) IS 15298:Part 2
  - Hand gloves (For electrical works shall be tested – with certificate) IS 6994 (part1): 1973
  - Nose mask (specific mask suitable for welding fumes shall be used by welders/helpers) IS 9473/ NIOSH N 95
  - Ear plug IS 8520: 1977
  - Safety goggles for dust protection IS 8520: 1977, EN 166 (2001)
  - Safety mono goggles for protection from chemicals IS 8520: 1977, EN 166 (2001)
  - Full body safety harness IS 3521: 1999
  - Leg guards (leather) IS10667
  - Aprons (leather/fire retardant cloth)
  - Welding goggles / shields suitable for use with helmets IS 8520:1977/ IS 8521 (Part-2): 1994
  - Cutting goggles IS 8520: 1977
  - Fire suit.
  - Respirator.
  - Any other item not mentioned above and required for safety.

➢ HEALTH & SAFETY TERMS, CLAUSES & MEASURES TO BE COMPLIED BY CONTRACTORS AND THEIR WORKMEN

1. The O&M Operator shall have competent & dedicated safety officer / supervisor to ensure Compliance to safety measures / rules and regulations. The guidelines for deciding number of safety officer / supervisor:

   a. If average manpower deployment on daily basis per O&M Operator for the specific contract falls in between **50 – 100 per shift, one Safety Officer** will be required. If deployment exceeds 100 nos. per shift additional Safety officers will be required in the scale of 1 safety officer for every 100 men/women deployed.

   b. Irrespective of the no. of manpower deployment, dedicated Safety Officer will be required per shift for the following job contract (at each location) :

      i. De-scaling/ working in confined space
      ii. Working at height
      iii. Lifting & handling of heavy items
      iv. Scaffolding & similar activities
      v. Major electrical jobs like Switchgear maintenance
      vi. Work with chemicals / gases
      vii. Any construction job
      viii. Loading ,unloading job
      ix. Heavy vehicle use
      x. Persons involved in transport whether road or railways

Minimum qualification for the Safety Officer/Supervisor will be Diploma in Engineering (Mech./Elect/Civil) or Graduate in Science with Diploma in industrial Health & Safety from a recognized institute. The assessment of competency and verification of employability under O&M Operator will be done at site.

2. The O&M Operator shall have insurance policy for his workmen under workmen compensation act before commencement of work as per the statutory requirement
3. The O&M Operator will be solely responsible for the safety of his workmen/ employees.

4. O&M Operator will issue gate pass for their employees in line with our HR policy for easy identification of their employees at site of work.

5. Compliance of all statutory requirements of Central & State Government pertaining to safety, health and environment and other labour laws.

6. Providing safety helmet, safety shoes and other necessary safety appliances to all his workmen as per the job requirement.

7. To engage only such workers in the job who know the work and have the required skill and abide by all the statutory regulations. The undertaking to that effect will have to be submitted by the O&M Operator to the Head of User department. The O&M Operator will submit the skill assessment of the manpower to the Project/ Work coordinator for validation before start of the work. Work to be started by the O&M Operator only after the clearance is given in writing by Project/ Process coordinator and safety department.

8. Before issuing gate pass the O&M Operator with his workmen will first meet OWNER safety officer and get verification / certification on safety induction training.

9. Should provide all the relevant medical investigation record or undergo all tests at site along with thorough physical medical check-up by the factory medical officer before issue of gate pass to know the suitability for the job assigned always at the time of joining, at completion of one year continuous job at site, at the time of transfer or termination or resignation and at the time of job rotation.

10. O&M Operator engaged in the transportation of materials inside the works must comply with all road safety rules and regulation- speed limits, roadworthiness. Every driver of truck must have a person to guide the driver regarding clearance on the roads and while reversing the vehicle. No person to be allowed to board the running vehicle.

11. Before start of work by the O&M Operator, written clearance (Permit to Work-PTW) to be taken from the shift in charge / sectional head or from an authorized person of the plant to ensure safety.

12. During execution of the job the O&M Operator will display sign board/ Barricading / red tape as the case may be, at the O&M Operator's cost.

13. The O&M Operator must have first aid boxes with all required medicines covering his workmen at work places, at the O&M Operator's cost.

14. In case of accident the person should be immediately sent to Plant Occupational Health center and accident report should be submitted to Owner Safety officer.

15. Use only those lifting machines, tools & tackles which are tested / examined / certified by the competent authority approved by the State Government. The copy(s) of the valid test certificates for those lifting machines, tools & tackles which are under the O&M Operator's scope, are required to be submitted by the O&M Operator to Owner's Safety Department. Owner reserves the right to reject any lifting machines, tools & tackles brought by the O&M Operator if the same does not qualify at the time of testing/ examination by us or any appointed agency by Owner.

16. In case of any accident of the O&M Operator employees, the O&M Operator shall have to take care for the medical treatment/ compensation what so ever as per the statutes.

17. It is mandatory for the O&M Operator to have a copy of Owner Safe Operating Procedures (SOPs)/ Work Instructions. The O&M Operator has to follow safe working procedure(s)/ work instruction(s) for the job awarded to him in consultation with the concerned User department & Owner Safety Officer. For high risk jobs viz. De-scaling inside the tank, working in confined space, working at height, Lifting & handling of heavy items, chemicals, fuel oil, combustible gases Scaffolding & similar activities, the O&M Operator has to prepare & submit a safe working procedure to safety department for its review before commencement of work. The O&M Operator and their employees has to comply with DRIVING & VEHICLES GUIDELINES.

18. The O&M Operator has to comply with the statutory norms of medical health check-up at least once a year by qualified competent & registered doctor for his workmen engaged for the job.

Contract workman engaged for Working at or construction site or in confined space or near high temperature or very low temperature or work with any gas or chemicals which has effects on respiratory or cardiac system must not be suffering from uncontrolled Hypertension, Diabetes, Cardiac pathology, Vision defect or hearing defect, Asthma, Vertigo, Claustrophobia & Epilepsy.

O&M Operator to provide Medical health check-up certificate for such workmen and the report should include these additional medical parameters. Copies of the medical certificate are required to be submitted to our Health department. Owner reserves the right to stop any O&M Operator employee if one does not qualify at the time of Medical examination by Owner.
At all these locations no person should work alone or without supervision.

19. O&M Operator working inside the plant is not allowed to store combustible material in his any of the go-downs /storeroom. In case of storage of the same as per job requirement, prior written permission from safety department & security department has to be taken. The O&M Operator in this regard shall ensure compliance of legal rules & regulations.

20. O&M Operators have to provide the safe work arrangements for all jobs.

21. All O&M Operators and their employees shall follow Owner's HSE policy, Integrated Management System (IMS) for occupational health, safety and environment.

22. Adequate housekeeping at working site(s) to be maintained during & after close up of the job. All materials including waste must be put at defined end location(s).

23. No waste material of flammable nature shall be permitted to accumulate inside the plant and such material shall be disposed to suitable metal containers with covers.

24. Install required number of fire extinguishers in the site office/work place as per Indian standard code.

25. Any O&M Operator who does not comply with the any of the above safety terms & conditions shall be liable for punitive action and/ or termination of contract.

Safety Non Compliance:

Without prejudice to its general obligation to comply with Applicable Laws concerning health and safety precautions, the O&M Operator fails to take all due precautions to ensure the safety of its staff and labour and implementation at site, Owner will withheld 10% of its payment (running as well as final) until such time the same gets implemented. In case of continual noncompliance over a period, Company will be forced to suspend the work and the cost of such suspension will be at O&M Operators account. The regular audit of safety compliance at site will be carried by Owner's safety officers at site and the report in this matter will be binding on the O&M Operator.
Safety: The O&M Operator shall be responsible to take all precautions to ensure safety of the labourers / workers at work. The O&M Operator will supply his labourers / workers all required safety equipment as per rules.

In case of any incident like Near miss/ First aid/ Medical treatment injury/ LTI/ Fatal etc. has to be reported immediately verbally over telephone or in the format available with the safety dept.

In addition to the above, the O&M Operator has to submit the consolidated information in the format available with the Safety Dept. on monthly basis.

DRIVING & VEHICLE GUIDE LINES

GUIDING PRINCIPLES

Owner is committed to achieve accident free, high standards of safety on sustained basis at all of work locations, including the use of all types of vehicles, both Company and privately owned. For the purposes of these Guidelines, "vehicle" means all registered passenger cars and buses; motorbikes; forklifts; delivery vehicles; bulkers; bauxite tipper; coal dumpers; mud trucks; cranes, mobile equipment and all other Company owned or hired and operated site vehicles.

KEY OBJECTIVES

By appropriate prevention measures and internal rules, complying with legal local rules, the key objectives are the following ones:

- Eliminate fatality risk on traffic and loading /unloading activities. Objective is to achieve zero harm.
- Minimize number and severity of accidents and incidents due to traffic conditions and operations related to our business. Objective is to limit body and material damages.
- Improve operational efficiency and contribute to the sustainable development for reducing energy consumption.
- Prevent accidents so as to avoid any negative impact / publicity that may be caused due to involvement of Owner, vehicle / employee in an accident.
- Minimize cost of insurance.

ROLE & RESPONSIBILITIES

All vehicle drivers' permanent or temporary, visitors & third party have an obligation to behave responsibly.

DRIVING & VEHICLE RULES

(a) All vehicles shall have valid registration; insurance & road permit in compliance with regulations & always keep copies of valid travelling documents in the vehicle (Driving license, registration certificate, fitness certificate, insurance, and identity card and contact details).

(b) All vehicles shall be equipped with seat belts, first aid box, handy fire extinguisher, standard stopper, etc. The drivers should be trained to use fire extinguishers.

(c) All vehicles shall be well maintained & kept in perfect working order and fully equipped with the proper safety gear. Conduct regular checks of the vehicle's condition and report defects immediately. Any defect is removed as soon as practicable, before the vehicle is put in use.

(d) Pick-ups and similar vehicles shall be equipped with cargo barriers to sufficiently stop projectiles and sharp objects from striking the driver and the passengers.

(e) Comply with Owner defined Health & Safety procedures for the contract vehicles & drivers as per Contract Management system.

(f) All drivers shall have an experience of minimum 5 years and age should be between 23 & 58 years.

(g) All O&M Operators shall wear crash helmet and shoes while driving motorbike. Safety helmets worn in plants will not qualify as crash helmets, as they are not adequate to withstand the impact caused during accident.

(h) Any new driver before starting driving shall attend safety training program for safe driving.

(i) Drivers shall have his journey schedule showing expected date & time to complete the journey.

(j) Drivers shall not drive more than 08 hrs in a day.

(k) Drivers shall operate only those vehicles for which they are trained, authorized and licensed.

(l) Without proper authorization by their respective supervisors, drivers shall not operate any vehicle other than they are authorized to operate, even if they are capable of such operation.

(m) The person in the driver's seat shall keep seat belts fastened, while the vehicle is in motion.

(n) Specified and safe speed limits shall be observed and maintained at all times.

(o) Specified vehicle operating instructions shall be observed.

(p) Driving during bad weather conditions shall be done with utmost care.

(q) Mobile phones are not to be used whilst driving or operating a vehicle.

(r) Driving under the influence of alcohol or any sedative drug (including prescribed medication) is strictly prohibited.

(s) Eating, drinking (even non-alcoholic beverages), etc. during driving shall be avoided. Such activities increase the risk of accident due to distraction and lack of concentration.

(t) When loading and unloading, the driver shall observe relevant guidelines and requirements in a way to avoid danger to any person or damage to any property.

(u) Drivers shall have their medical fitness report before resuming their job at site as per regulation; and once a year thereafter & copy of medical report shall be available with the driver.

(v) Should be trained in First Aid and CPR and Transport safety before start of work and should possess a valid certificate.

(w) Should undergo refresher training at least once a year at the cost of the O&M Operator.

(x) Violation of the guidelines may result to accidents. In any case Owner reserves the right of taking appropriate action (including termination of services or contracts) against violators of the guidelines.

(y) In case of an ACCIDENT, Near Miss and Major Vehicle break down, Driver / Travel person shall Immediately report the incident to the concerned responsible person, follow the defined procedures of Indian Motor Vehicle .

(z) TREM Card must be available with the driver during transportation and Haz-Chem code must be displayed on the chemical transportation vehicles.

(aa) All the vehicles should be parked in designated parking area and should follow the designated route while going to coming from their respective work site.

(bb) Should be well versed in vehicle safety/ transport safety and chemical safety checklists as per the work assigned

Occupational Health & Safety & Environment (OHS&E):

The O&M Operator shall be responsible to take all precautions to ensure safety of the labourers / workers at work. The O&M Operator will supply his labourers / workers safety equipment as per rules. If you're bringing your own equipment to carryout of job inside the plant such equipment should be subjected to hazard identifications and risk assessment prior to commencing of work. The persons engaged by you shall be given appropriate awareness on OH&S. Those personnel who will carry out jobs affecting OH&S shall be properly trained and made competent for the job to be performed by them. During emergency situation which may be faced in the plant your personnel should move to the designated emergency assembly points. They should not spread any rumour.

1. O&M Operator shall follow all Safety, Health, Environment and other operational policies
2. Suppression of Fugitive dust emissions due to vehicle movement of O&M Operator's vehicle will be responsibility of the O&M Operator.
3. O&M Operators shall have to avoid spillage for all kind of materials. In case any spillage happens, it has to be cleaned by the O&M Operator at his own cost.
4. Bauxite & fly ash has to be transported in covered condition.
5. O&M Operators shall have to follow the respective control measures while carrying out a particular activity to ensure compliance with environmental standards.
6. O&M Operators need to ensure Pollution under Control (PUC) Certificate and fitness certificate obtained for the vehicle used for transportation. Drivers have to show these certificates as and when required along with their Driving License.
7. O&M Operators shall have to ensure that there are no air horns fitted to their vehicles and the noise from vehicles do not increase the overall ambient noise levels.
8. O&M Operators shall educate their vehicle drivers regarding the use of correct fuel and to explain them ill effects of using adulterated fuel.
9. O&M Operators should avoid over loading of trucks.
10. O&M Operators and their employees should follow SOP for handling of all types of wastes.
11. O&M Operators and their employees should not wash or carry out any maintenance to the vehicle inside the Plant.
12. O&M Operators have to ensure that none of the resources (water, energy, steam, compressed air, etc.) are misused.
13. O&M Operators have to ensure good housekeeping in their work place.
14. O&M Operators / transporters have to ensure that trucks carrying hazardous chemical like Caustic Soda Lye, Sulphuric Acid, Hydrochloric Acid etc. has to display the Transport Emergency Card (TREM card) and their drivers should be trained to handle the material during emergency
15. Transporters carrying hazardous waste should have necessary authorization from SPCB and should carry manifest while carrying waste from Owner.
16. O&M Operators have to prohibit/do not permit smoking by any person and fires and other flammable substances to keep near the place where flammable materials are being filled, stored or handled.

17. O&M Operators have to prohibit the workers with matches, fuses, mobile phones or other appliances capable of producing ignition to go near the place where flammable materials are being filled, stored or handled.
18. O&M Operators have to prohibit the workers to lift, carry or move by hand or on head any material, article, tool or appliance in excess of the maximum weight without the aid of another person.
19. O&M Operators have to ensure that none of their work will result in pollution of air, water, soil & noise.

Discipline at Work Area:

O&M Operator has to maintain discipline at work area. He has to keep the area neat and clean after work is over.

- O&M Operator has to ensure the equipment such as Crane / mobile crane, Hoists, A - frame, Wire rope, Chain slings, Chain pulley block, Lifting tackles, and Forklift & Safety belt etc. are to be tested and certified by the relevant authority and approved by the Director of Factories.
- O&M Operator has to submit the valid copy of approvals from relevant authority/Director of Factories to the concerned Engineer In-charge.
- O&M Operator has to ensure that the electrical equipment's (welding m/c, hand-drilling m/c, cutting m/c, circuit breaker and grinding m/c etc.) are certified by the relevant authorities for their smooth working.
- O&M Operators have to start the work after obtaining the necessary work permit from the concerned Engineer In-charge.
- O&M Operators have to ensure that the entire job carried out at site should be as per the compliance with Safety, Health & Environment procedures.
- O&M Operators have to follow the control measures to ensure that the risks are eliminated / mitigated.
- After completion of work, O&M Operators shall move the scrap to the specified location of the scrap yard.

Penalty for Violation of Safety Measures:

In case of any violation of safety measures and or on non-compliance of safety by the O&M Operator or his employee (s) or vehicular movements, a penalty shall be imposed on the O&M Operator which is as follows:

A. Non usage of PPE/non-compliance of Rules	:	Rs. 1000.
B. Property/Business loss/Environment damage	:	Rs. Actual+20% extra
C. Loss Time Incident/Accident	:	1 lakh
D. Fatal Accident	:	5 lakh

- Non-reporting of and hiding of incidents/accidents will draw severe penalties.
- If the O&M Operator still continues to fail to comply with the above OHSE clauses, Owner reserves its right to **terminate the contract**.

In addition to the above, if any Contract work perishes or become unserviceable including loss or damage from any cause whatsoever due to reasons attributable to the O&M Operator, on demand by the Contract Owner, make replacement or repair at O&M Operator's cost in such a way to minimize disturbances in the scheduled progress.

At any point of time safety compliance will be checked by Owner's Safety department. The O&M Operator shall immediately upon knowing of any accident, damage or losses, in which he/she or his/her employees involved on the site, should inform the area-in-charge as well as safety officer of Owner. The O&M Operator shall take all safety precautions and provide adequate supervision by competent persons in order to do the job safely and avoid damage to plant, personnel, equipment, and the environment. Any accident causing fatal or non-fatal injury to the employee(s) of the O&M Operator **shall be the exclusive responsibility of the O&M Operator**. In the event Owner and /or its employee(s) are prosecuted by any other authority under law for accident causing fatal or non-fatal accident, the O&M Operator undertakes to reimburse Owner all fines, penalties and expenditure incurred in connection with defending such prosecution by OWNER and towards this the O&M Operator irrevocably agrees to Owner for deducting the same.

Before executing any job, the O&M Operator shall obtain Safety Clearance from Safety Department. Security Department will issue Gate Pass after the Safety clearance format is certified by the Safety Department.

No bill will be passed by the Finance Dept. if safety clearance duly certified by the safety dept. is not enclosed with bill.

UTKAL ALUMINA INTERNATIONAL LIMITED

Sri Aditya Logistics Pvt. Ltd.

ANNEXURE R1/14

LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF JUNE -2024

SL NO.	CONVEYOR	LOCATION	ROLLER NO.	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1B	CURVE-1 ✓	CARRY-596	MIDDLE	1-Jun-24	2-Jun-24	465 MM
2	C1A	CURVE-9 ✓	CARRY-195	RIGHT	5-Jun-24	6-Jun-24	465 MM
3	C1A	CURVE-9 ✓	CARRY-184	RIGHT	5-Jun-24	6-Jun-24	465 MM
4	C1A	CURVE-9 ✓	CARRY-183	RIGHT	5-Jun-24	6-Jun-24	465 MM
5	C1A	CURVE-5	CARRY-1895	MIDDLE	5-Jun-24	6-Jun-24	465 MM
6	C1A	TAIL END	CARRY-4272	MIDDLE	9-Jun-24	10-Jun-24	465 MM
7	C1A	CURVE-2	CARRY-3170	MIDDLE	11-Jun-24	12-Jun-24	465 MM
8	C1A	TAIL END	RETURN-2196	RIGHT	12-Jun-24	13-Jun-24	465 MM
9	C1A	CURVE-9 ✓	RETURN-195	LEFT	13-Jun-24	14-Jun-24	700 MM
10	C1A	TAIL END	GUIDE ROLLER	NEAR BEND PULLEY	13-May-24	14-Jun-24	290-152.4 MM
11	C1A	CURVE-1	CARRY-4276	MIDDLE	13-Jun-24	14-Jun-24	465 MM
12	C1A	CURVE-1	CARRY-4275	MIDDLE	13-Jun-24	14-Jun-24	465 MM
13	C1A	CURVE-2	RETURN-1651	LEFT	13-Jun-24	14-Jun-24	700 MM
14	C1B	CURVE-3	CARRY-152	MIDDLE	26-Jun-24	27-Jun-24	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF JUNE-2024

CARRY ROLLER	RETURN ROLLER		GUIDE ROLLER	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
465mm - 152.4mm	700 mm	465 mm	290mm - 152.4mm	290 mm-150mm	1450 mm	1908 mm		
10	3		1	0	0	0	0	0

STORE STOCK DETAILS AS ON -JUNE-2024

CARRY ROLLER(465 mm)		RETURN ROLLER (700 mm)		IMPACT ROLLER STEEL(290 mm-152 mm)		IMPACT ROLLER RUBBER(290 mm-150		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MELCO	TNS	MELCO	TNS	MELCO	TNS	MELCO	TNS	1450 mm	1908 mm		
450	726	11	352	10	0	0	14	3	2		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF MAY -2024

SL NO.	CONVEYOR	LOCATION	ROLLER NO.	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1A	CURVE-2	CARRY-3867	MIDDLE	30-Apr-24	1-May-24	
2	C1A	CURVE-3	CARRY-2307	MIDDLE	1-May-24	3-May-24	
3	C1A	CURVE-2	RETURN-1940	LEFT	12-May-24	14-May-24	
4	C1A	TAIL END	CARRY-4268	MIDDLE	17-May-24	18-May-24	
5	C1A	CURVE-1	CARRY-3791	MIDDLE	19-May-24	21-May-24	
6	C1A	CURVE-9 ✓	RETURN-183	MIDDLE	20-May-24	21-May-24	
7	C1A	CURVE-9 ✓	CARRY-435	MIDDLE	21-May-24	22-May-24	
8	C1B	HEAD END	GUIDE ROLLER	NEAR T2 BOTTOM BEND PULLEY	18-May-24	24-May-24	
9	C1A	CURVE-2	CARRY-47	MIDDLE	22-May-24	24-May-24	
10	C1A	CURVE-2	CARRY-3118	MIDDLE	22-May-24	24-May-24	
11	C1A	CURVE-9 ✓	CARRY-403	LEFT	24-May-24	27-May-24	
12	C1A	CURVE-9 ✓	RETURN-193	MIDDLE	24-May-24	27-May-24	
13	C1A	CURVE-1	RETURN-2135	LEFT	29-May-24	29-May-24	
14	C1A	CURVE-2	CARRY-3625	MIDDLE	29-May-24	30-May-24	
15	C1A	CURVE-6	CARRY-1455	RIGHT	30-05-2024	31-May-24	
16	C1A	CURVE-6	CARRY-1539	MIDDLE	30-May-24	31-May-24	
17	C1A	CURVE-3	CARRY-2843	LEFT	30-05-2024	31-May-24	

REPLACEMENT SUMMARY FOR THE MONTH OF MAY-2024

CARRY ROLLER	RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
28	2	2	1	0	0	0	0	0

STORE STOCK DETAILS AS ON -MAY-2024

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER		IMPACT ROLLER		FLAT ROLLER		CARRY FRAME	RETURN FRAME
		14		10	0	0	14	2	2		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF APRIL -2024

SL NO.	CONVEYOR	LOCATION	ROLLER NO.	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1B	TAIL END ✓	RETURN-340	RIGHT	2-Apr-24	4-Apr-24	[illegible]
2	C1A	CURVE-9 ✓	CARRY-493	LEFT	4-Apr-24	5-Apr-24	[illegible]
3	C1A	CURVE-2	CARRY-1279	MIDDLE	5-Apr-24	7-Apr-24	[illegible]
4	C1A	CURVE-2	CARRY-1335	RIGHT	6-Apr-24	7-Apr-24	[illegible]
5	C1A	CURVE-1	CARRY-4015	MIDDLE	9-Apr-24	10-Apr-24	[illegible]
6	C1A	CURVE-9 ✓	CARRY-199	MIDDLE	8-Apr-24	10-Apr-24	[illegible]
7	C1A	CURVE-9 ✓	CARRY-398	LEFT	11-Apr-24	12-Apr-24	[illegible]
8	C1A	CURVE-9 ✓	RETURN-293	RIGHT	10-Apr-24	12-Apr-24	[illegible]
9	C1A	TAIL END	CARRY-4290	MIDDLE	17-Apr-24	18-Apr-24	[illegible]
10	C1A	TAIL END	CARRY-4289	RIGHT-1	16-Apr-24	18-Apr-24	[illegible]
11	C1A	TAIL END	CARRY-4280	LEFT	17-Apr-24	18-Apr-24	[illegible]
12	C1A	CURVE-2	CARRY-3666	MIDDLE	18-Apr-24	19-Apr-24	[illegible]
13	C1B	HEAD END	CARRY-07	MIDDLE	21-Apr-24	22-Apr-24	[illegible]
14	C1B	TAIL END ✓	RETURN-539	RIGHT	21-Apr-24	22-Apr-24	[illegible]
15	C1A	CURVE-6	CARRY-586	MIDDLE	23-Apr-24	23-Apr-24	[illegible]
16	C1A	CURVE-3	CARRY-2565	MIDDLE	23-Apr-24	24-Apr-24	[illegible]
17	C1A	CURVE-3	RETURN-2367	MIDDLE	23-Apr-24	24-Apr-24	[illegible]
18	C1B	TAIL END ✓	CARRY-1101	RIGHT 2	24-Apr-24	26-Apr-24	[illegible]
19	C1A	CURVE-7	RETURN-693	RIGHT	25-Apr-24	26-Apr-24	[illegible]
20	C1A	CURVE-7	CARRY-1158	MIDDLE	25-Apr-24	26-Apr-24	[illegible]
21	C1B	TAIL END ✓	RETURN-538	LEFT	24-Apr-24	26-Apr-24	[illegible]
22	C1B	TAIL END ✓	RETURN-538	RIGHT	24-Apr-24	26-Apr-24	[illegible]
23	C1B	CURVE-1	RETURN-3158	RIGHT	26-Apr-24	27-Apr-24	[illegible]
24	C1A	CURVE-2	CARRY-3546	MIDDLE	28-Apr-24	29-Apr-24	[illegible]
25	C1A	CURVE-2	CARRY-3550	MIDDLE	28-Apr-24	29-Apr-24	[illegible]
26	C1A	CURVE-9 ✓	RETURN-192	MIDDLE	29-Apr-24	30-Apr-24	[illegible]
27	C1A	CURVE-5	CARRY-1915	MIDDLE	28-Apr-24	30-Apr-24	[illegible]
28	C1A	CURVE-5	CARRY-1944	MIDDLE	29-Apr-24	30-Apr-24	[illegible]
29	C1A	CURVE-5	CARRY-2616	MIDDLE	29-Apr-24	30-Apr-24	[illegible]

REPLACEMENT SUMMARY FOR THE MONTH OF APRIL-2024

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER (TYPE)	SELF ALIGNING ROLLER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
19	4	4	4	0	0	0	0	0	0

STORE STOCK DETAILS AS ON -APRIL-2024

CARRY ROLLER(TROUGH)		RETURN ROLLER (FLAT)		IMPACT ROLLER (TYPE)		SELF ALIGNING ROLLER		FLAT ROLLER		CARRY FRAME	RETURN FRAME
WEIGHT	QTY	WEIGHT	QTY	WEIGHT	QTY	WEIGHT	QTY	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF MARCH -2024

SL NO.	CONVEYOR	LOCATION	ROLLER NO.	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1A	CURVE-5	CARRY-1606	MIDDLE	1-Mar-24	2-Mar-24	465 MM
2	C1B	TAIL END	CARRY-1106	MIDDLE	9-Mar-24	11-Mar-24	290-152.4 MM
3	C1B	TAIL END	CARRY-1106	RIGHT-1	10-Mar-24	11-Mar-24	290-152.4 MM
4	C1A	HEAD END	CARRY-39	RIGHT	11-Mar-24	140-03-2024	465 MM
5	C1A	HEAD END	CARRY-31	RIGHT	10-Mar-24	14-Mar-24	465 MM
6	C1A	HEAD END	CARRY-34	LEFT	13-Mar-24	15-Mar-24	465 MM
7	C1A	CURVE-1	CARRY-1940	LEFT	15-Mar-24	17-Mar-24	465 MM
8	C1A	CURVE-8	CARRY-677	MIDDLE	20-Mar-24	21-Mar-24	465 MM
9	C1A	CURVE-2	CARRY-3790	MIDDLE	23-Mar-24	24-Mar-24	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF MARCH-2024

CARRY ROLLER	RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
465mm - 152.4mm	700 mm	465 mm	290mm - 152.4mm	290 mm-159mm	1450 mm	1908 mm		
7	0	0	2	0	0	0	0	0

STORE STOCK DETAILS AS ON -MARCH-2024

CARRY ROLLER(465 mm)		RETURN ROLLER (700 mm)		IMPACT ROLLER STEEL(290 mm-152 mm)		IMPACT ROLLER RUBBER(290 mm-159		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MELCO	TNB	MELCO	TNB	MELCO	TNB	MELCO	TNB	1450 mm	1908 mm		
530	736	14	352	10	0	0	14	5	2		

LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF FEB -2024

SL NO.	CONVEYOR	LOCATION	ROLLER NO.	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1A	HEAD END	RETURN-02	RIGHT	1-Feb-24	2-Feb-24	700 MM
2	C1A	CURVE-3	CARRY-2660	MIDDLE	1-Feb-24	2-Feb-24	465 MM
3	C1A	CURVE-1	CARRY-3818	MIDDLE	31-Jan-24	2-Feb-24	465 MM
4	C1A	CURVE-2	CARRY-3130	MIDDLE	3-Feb-24	5-Feb-24	465 MM
5	C1A	CURVE-2	CARRY-3520	MIDDLE	4-Feb-24	5-Feb-24	465 MM
6	C1A	CURVE-2	CARRY-3636	MIDDLE	2-Feb-24	5-Feb-24	465 MM
7	C1A	CURVE-2	RETURN-1605	LEFT	3-Feb-24	5-Feb-24	465 MM
8	C1A	CURVE-7	CARRY-1075	MIDDLE	7-Feb-24	8-Feb-24	465 MM
9	C1A	CURVE-7	CARRY-1096	RIGHT	7-Feb-24	8-Feb-24	465 MM
10	C1A	TAIL END	CARRY-4252	MIDDLE	6-Feb-24	8-Feb-24	465 MM
11	C1A	CURVE-1	CARRY-3829	MIDDLE	7-Feb-24	8-Feb-24	465 MM
12	C1A	CURVE-5	CARRY-1833	MIDDLE	9-Feb-24	10-Feb-24	465 MM
13	C1A	CURVE-4	CARRY-2175	MIDDLE	11-Feb-24	12-Feb-24	465 MM
14	C1A	CURVE-4	CARRY-2854	MIDDLE	11-Feb-24	12-Feb-24	465 MM
15	C1A	CURVE-2	CARRY-3199	MIDDLE	15-Feb-24	16-Feb-24	465 MM
16	C1A	CURVE-2	CARRY-3221	LEFT	14-Feb-24	16-Feb-24	465 MM
17	C1A	CURVE-8	CARRY-717	MIDDLE	15-Feb-24	17-Feb-24	465 MM
18	C1A	CURVE-9	RETURN-200	MIDDLE	16-Feb-24	17-Feb-24	465 MM
19	C1A	TAIL END	RETURN-2152	RIGHT	17-Feb-24	18-Feb-24	700 MM
20	C1A	CURVE-9	RETURN-181	MIDDLE	18-Feb-24	19-Feb-24	465 MM
21	C1A	CURVE-9	RETURN-201	MIDDLE	17-Feb-24	19-Feb-24	465 MM
22	C1B	TAIL END	RETURN-539	LEFT	16-Feb-24	19-Feb-24	700 MM
23	C1A	CURVE-2	RETURN-1817	RIGHT	17-Feb-24	19-Feb-24	700 MM
24	C1A	CURVE-2	RETURN-1823	RIGHT	18-Feb-24	19-Feb-24	700 MM
25	C1A	CURVE-2	RETURN-1818	RIGHT	18-Feb-24	19-Feb-24	700 MM
26	C1B	CURVE-1	CARRY-644	MIDDLE	20-Feb-24	21-Feb-24	465 MM
27	C1A	CURVE-1	CARRY-3875	MIDDLE	20-Feb-24	21-Feb-24	465 MM
28	C1A	TAIL END	CARRY-4265	MIDDLE	23-Feb-24	25-Feb-24	465 MM
29	C1A	CURVE-6	CARRY-1408	MIDDLE	25-Feb-24	26-Feb-24	465 MM
30	C1B	TAIL END	CARRY-1079	MIDDLE	25-Feb-24	27-Feb-24	465 MM
31	C1A	HEAD END	GUIDE ROLLER	NEAR TJ BEND PULLEY BOTTOM	27-Feb-24	28-Feb-24	290-152 MM
32	C1A	TAIL END	CARRY-4287	MIDDLE	27-Feb-24	28-Feb-24	290-159 MM
33	C1A	CURVE-2	CARRY-3098	MIDDLE	28-Feb-24	29-Feb-24	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF FEB-2024

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
	TNB								
33	0	2		1	1	0	0	0	0

STORE STOCK DETAILS AS ON -FEB-2024

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER STEEL		IMPACT ROLLER RUBBER		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MELCO	TNB	MELCO	TNB	MELCO	TNB	MELCO	TNB				
160	144	10	200	10	0	0	14	0	2		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF JAN -2024

SLNO	CONVEYOR	LOCATION	ROLLER SO	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1A	CURVE-8	CARRY-666	MIDDLE	30-Dec-23	2-Jan-24	965 MM
2	C1A	CURVE-8	CARRY-870	MIDDLE	30-Dec-23	2-Jan-24	965 MM
3	C1A	CURVE-8 ✓	RETURN-184	MIDDLE	4-Jan-24	9-Jan-24	965 MM
4	C1A	CURVE-8	CARRY-1456	RIGHT	4-Jan-24	9-Jan-24	965 MM
5	C1A	CURVE-8	RETURN-1014	LEFT	4-Jan-24	9-Jan-24	590 MM
6	C1A	TAILEND	CARRY-4268	MIDDLE	14-Jan-24	15-Jan-24	965 MM
7	C1A	TAILEND	CARRY-4213	MIDDLE	15-Jan-24	18-Jan-24	965 MM
8	C1A	CURVE-3	CARRY-3043	MIDDLE	17-Jan-24	18-Jan-24	965 MM
9	C1A	CURVE-2	CARRY-3627	MIDDLE	17-Jan-24	19-Jan-24	965 MM
10	C1A	CURVE-2	CARRY-3739	MIDDLE	18-Jan-24	19-Jan-24	965 MM
11	C1A	CURVE-2	RETURN-1915	RIGHT	17-Jan-24	19-Jan-24	590 MM
12	C1A	CURVE-4	CARRY-3180	MIDDLE	18-Jan-24	19-Jan-24	965 MM
13	C1A	CURVE-4	RETURN-2268	RIGHT	18-Jan-24	19-Jan-24	590 MM
14	C1A	CURVE-8 ✓	RETURN-193	RIGHT	21-Jan-24	22-Jan-24	965 MM
15	C1A	CURVE-8 ✓	CARRY-691	MIDDLE	21-Jan-24	22-Jan-24	965 MM
16	C1A	CURVE-8	RETURN-1606	RIGHT	20-Jan-24	22-Jan-24	590 MM
17	C1A	CURVE-9 ✓	CARRY-409	LEFT	24-Jan-24	25-Jan-24	965 MM
18	C1A	CURVE-8	CARRY-3156	LEFT	24-Jan-24	26-Jan-24	965 MM
19	C1A	CURVE-8	CARRY-2825	MIDDLE	26-Jan-24	27-Jan-24	965 MM
20	C1A	CURVE-1	CARRY-3654	MIDDLE	25-Jan-24	27-Jan-24	965 MM
21	C1A	TAIL END	CARRY-4281	RIGHT-2	29-Jan-24	30-Jan-24	590-152.4 MM
22	C1A	TAIL END	CARRY-4280	RIGHT-3	28-Jan-24	30-Jan-24	590-152.4 MM
23	C1A	TAIL END	CARRY-4280	LEFT-3	29-Jan-24	30-Jan-24	590-152.4 MM
24	C1A	HEAD END	RETURN-82	LEFT	30-Jan-24	30-Jan-24	590 MM

REPLACEMENT SUMMARY FOR THE MONTH OF JAN-2024

CARRY ROLLER		RETURN ROLLER	IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
35mm - 152.4mm	TYPE SEAL	762 MM	159mm - 152.4mm	159mm/152.4mm	1400 mm	1600 mm		
24	3	3	3	6	11	11	0	0

STORE STOCK DETAILS AS ON -JAN-2024

CARRY ROLLER(35MM-152.4MM)		RETURN ROLLER (762 MM)		IMPACT ROLLER STEEL(159MM-152.4MM)		IMPACT ROLLER RUBBER(159MM-152.4MM)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MILCO	TAI	MILCO	TAI	MILCO	TAI	MILCO	TAI	1400 mm	1600 mm		
100	50	48	202	30	9	5	34	9	3		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF DEC -2023

SLNO	CONVEYOR	LOCATION	ROLLER NO	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1B	CURVE-2	CARRY-434	MIDDLE	30-Nov-23	2-Dec-23	465 MM
2	C1A	CURVE-9 ✓	CARRY-472	MIDDLE	1-Dec-23	2-Dec-23	465 MM
3	C1A	CURVE-9 ✓	RETURN-393	MIDDLE	1-Dec-23	2-Dec-23	465 MM
4	C1A	CURVE-7	CARRY-733	MIDDLE	30-Nov-23	2-Dec-23	465 MM
5	C1A	CURVE-1	CARRY-1074	LEFT	2-Dec-23	4-Dec-23	465 MM
6	C1A	CURVE-8	RETURN-643	MIDDLE	4-Dec-23	5-Dec-23	465 MM
7	C1A	CURVE-9 ✓	RETURN-173	LEFT	5-Dec-23	7-Dec-23	465 MM
8	C1A	CURVE-1	CARRY-3840	MIDDLE	5-Dec-23	7-Dec-23	465 MM
9	C1A	CURVE-1	CARRY-4062	MIDDLE	6-Dec-23	8-Dec-23	465 MM
10	C1A	CURVE-3	CARRY-3561	MIDDLE	7-Dec-23	8-Dec-23	465 MM
11	C1A	CURVE-2	RETURN-1001	LEFT	6-Dec-23	8-Dec-23	700 MM
12	C1A	TAIL END	CARRY-4267	MIDDLE	7-Dec-23	8-Dec-23	465 MM
13	C1A	TAIL END	CARRY-4268	MIDDLE	6-Dec-23	8-Dec-23	465 MM
14	C1A	CURVE-7	CARRY-1341	MIDDLE	7-Dec-23	8-Dec-23	465 MM
15	C1A	CURVE-9 ✓	RETURN-203	LEFT	10-Dec-23	11-Dec-23	465 MM
16	C1A	CURVE-9 ✓	CARRY-47	MIDDLE	13-Dec-23	13-Dec-23	465 MM
17	C1A	CURVE-7	CARRY-717	MIDDLE	13-Dec-23	13-Dec-23	465 MM
18	C1A	CURVE-1	CARRY-4132	RIGHT	13-Dec-23	14-Dec-23	465 MM
19	C1A	CURVE-2	CARRY-3290	MIDDLE	17-Dec-23	18-Dec-23	465 MM
20	C1B	TAIL END ✓	RETURN-526	RIGHT	21-Dec-23	22-Dec-23	465 MM
21	C1A	CURVE-7	RETURN-415	LEFT	22-Dec-23	23-Dec-23	700 MM
22	C1A	CURVE-7	CARRY-1363	LEFT	21-Dec-23	23-Dec-23	465 MM
23	C1A	CURVE-7	CARRY-1363	RIGHT	23-Dec-23	23-Dec-23	465 MM
24	C1A	TAIL END	CARRY-4265	RIGHT	23-Dec-23	23-Dec-23	465 MM
25	C1A	CURVE-4	CARRY-2178	MIDDLE	25-Dec-23	26-Dec-23	465 MM
26	C1A	CURVE-2	CARRY-2703	MIDDLE	24-Dec-23	26-Dec-23	465 MM
27	C1A	CURVE-7	CARRY-1373	MIDDLE	27-Dec-23	28-Dec-23	465 MM
28	C1A	CURVE-7	RETURN-415	LEFT	26-Dec-23	28-Dec-23	700 MM
29	C1B	TAIL END ✓	CARRY-1103	LEFT-2	29-Dec-23	30-Dec-23	290-139 MM
30	C1B	TAIL END ✓	CARRY-1103	RIGHT-1	29-Dec-23	30-Dec-23	290-139 MM

REPLACEMENT SUMMARY FOR THE MONTH OF DEC-2023

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
465mm - 152.4mm		700 mm	465 mm	290mm - 152.4mm	290 mm-139mm	1450 mm	1950 mm		
09		1	1	0	2	0	0	0	0

STORE STOCK DETAILS AS ON -DEC-2023

CARRY ROLLER(465 mm)		RETURN ROLLER (700 mm)		IMPACT ROLLER (152.4mm)		IMPACT ROLLER RUBBER(290 mm-139 mm)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
465MM	700	465MM	700	465MM	700	465MM	700	1450 mm	1950 mm		
140	556	10	467	03	2	01	10	4	6		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF NOV -2023

SERIAL NO	CONVEYOR	LOCATION	ROLLER NO	ROLLER POSITION	REPLACEMENT DATE	REPLACEMENT DATE	ROLLER SIZE
1	C1A	CURVE-9 ✓	CARRY-811	MIDDLE	30-Oct-23	1-Nov-23	465 MM
2	C1A	CURVE-9 ✓	CARRY-814	LEFT	30-Oct-23	1-Nov-23	465 MM
3	C1A	CURVE-9 ✓	CARRY-814	MIDDLE	29-Oct-23	1-Nov-23	465 MM
4	C1A	CURVE-9 ✓	CARRY-568	MIDDLE	28-Oct-23	1-Nov-23	465 MM
5	C1A	CURVE-9 ✓	RETURN-158	RIGHT	29-Oct-23	1-Nov-23	465 MM
6	C1A	CURVE-9 ✓	RETURN-159	LEFT	30-Oct-23	1-Nov-23	465 MM
7	C1A	CURVE-5	CARRY-1703	MIDDLE	29-Oct-23	1-Nov-23	465 MM
8	C1A	CURVE-5	CARRY-2079	MIDDLE	29-Oct-23	1-Nov-23	465 MM
9	C1B	TAIL END ✓	CARRY-1102	RIGHT-2	30-Oct-23	1-Nov-23	290-152.4 MM
10	C1A	CURVE-3	CARRY-3505	MIDDLE	10-Nov-23	11-Nov-23	465 MM
11	C1A	CURVE-5	CARRY-1628	MIDDLE	12-Nov-23	13-Nov-23	465 MM
12	C1A	CURVE-5	CARRY-1606	LEFT	12-Nov-23	13-Nov-23	465 MM
13	C1A	CURVE-5	CARRY-1800	MIDDLE	11-Nov-23	13-Nov-23	465 MM
14	C1A	CURVE-5	RETURN-893	RIGHT	10-Nov-23	13-Nov-23	700 MM
15	C1B	TAIL END ✓	CARRY-1106	RIGHT-1	12-Nov-23	13-Nov-23	290-152.4 MM
16	C1B	TAIL END ✓	CARRY-1106	RIGHT-2	12-Nov-23	13-Nov-23	290-152.4 MM
17	C1B	TAIL END ✓	CARRY-1105	RIGHT-2	12-Nov-23	13-Nov-23	290-152.4 MM
18	C1A	HEAD END ✓	CARRY-03	LEFT	14-Nov-23	14-Nov-23	465 MM
19	C1A	CURVE-2	RETURN-1813	MIDDLE	14-Nov-23	15-Nov-23	700 MM
20	C1A	CURVE-9 ✓	RETURN-175	LEFT	13-Nov-23	15-Nov-23	465 MM
21	C1A	CURVE-9 ✓	RETURN-174	LEFT	14-Nov-23	16-Nov-23	465 MM
22	C1A	CURVE-9 ✓	RETURN-182	LEFT	16-Nov-23	17-Nov-23	465 MM
23	C1A	CURVE-2	CARRY-3014	MIDDLE	19-Nov-23	20-Nov-23	465 MM
24	C1A	CURVE-3	RETURN-1398	LEFT	19-Nov-23	20-Nov-23	700 MM
25	C1A	CURVE-7	CARRY-721	MIDDLE	19-Nov-23	20-Nov-23	465 MM
26	C1A	CURVE-2	RETURN-1818	RIGHT	21-Nov-23	01-Nov-23	700 MM
27	C1A	TAIL END	CARRY-4150	MIDDLE	20-Nov-23	21-Nov-23	465 MM
28	C1A	TAIL END	CARRY-4253	RIGHT	21-Nov-23	22-Nov-23	465 MM
29	C1A	CURVE-1	CARRY-3738	MIDDLE	23-Nov-23	24-Nov-23	465 MM
30	C1A	CURVE-1	CARRY-3879	MIDDLE	23-Nov-23	24-Nov-23	465 MM
31	C1A	CURVE-2	CARRY-3122	MIDDLE	22-Nov-23	24-Nov-23	465 MM
32	C1A	CURVE-5	CARRY-2041	MIDDLE	23-Nov-23	24-Nov-23	465 MM
33	C1A	HEAD END ✓	GUIDE ROLLER	REMARK: HEAD PULLEY (BOTTOM)	23-Nov-23	24-Nov-23	290-152.4 MM
34	C1B	CURVE-3	CARRY-150	MIDDLE	25-Nov-23	25-Nov-23	465 MM
35	C1B	CURVE-3	CARRY-106	LEFT	24-Nov-23	25-Nov-23	465 MM
36	C1A	CURVE-9 ✓	CARRY-399	MIDDLE	24-Nov-23	25-Nov-23	465 MM
37	C1A	CURVE-9 ✓	CARRY-417	MIDDLE	23-Nov-23	25-Nov-23	465 MM
38	C1A	CURVE-7	CARRY-1231	LEFT	28-Nov-23	29-Nov-23	465 MM
39	C1B	CURVE-3	RETURN-79	RIGHT	28-Nov-23	29-Nov-23	700 MM

REPLACEMENT SUMMARY FOR THE MONTH OF NOV-2023

CARRY ROLLER	RETURN ROLLER	IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
465mm - 152.4mm	700 mm / 465 mm	250mm - 152.4mm	250 mm - 152mm	450 mm	1910 mm		
24	1 / 1	1	0	0	0	1	0

STORE STOCK DETAILS AS ON -NOV-2023

CARRY ROLLER(465 MM)		RETURN ROLLER (700 mm)		IMPACT ROLLER STEEL(250 mm - 152.4mm)		IMPACT ROLLER RUBBER(250 mm-152.4mm)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MILD	TM	MILD	TM	MILD	TM	MILD	TM	1910 mm	1968 mm		
300	756	32	317	01	3	00	10	3	7		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF OCT -2023

SLNO	CONVEYOR	LOCATION	ROLLER NO	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1A	TAIL END	CARRY-4283	RIGHT-1	2-Oct-23	3-Oct-23	290-152.4 MM
2	C1A	CURVE-9 ✓	RETURN-173	MIDDLE	1-Oct-23	3-Oct-23	465 MM
3	C1A	CURVE-9 ✓	RETURN-179	MIDDLE	2-Oct-23	5-Oct-23	465 MM
4	C1A	CURVE-9 ✓	RETURN-170	MIDDLE	3-Oct-23	5-Oct-23	465 MM
5	C1A	CURVE-9 ✓	RETURN-196	MIDDLE	4-Oct-23	5-Oct-23	465 MM
6	C1A	CURVE-9 ✓	RETURN-198	LEFT	4-Oct-23	5-Oct-23	465 MM
7	C1B	CURVE-3	CARRY-157	MIDDLE	5-Oct-23	6-Oct-23	465 MM
8	C1A	CURVE-2	CARRY-3277	RIGHT	5-Oct-23	7-Oct-23	465 MM
9	C1A	CURVE-2	RETURN-1638	LEFT	6-Oct-23	7-Oct-23	700 MM
10	C1A	CURVE-9 ✓	RETURN-174	MIDDLE	5-Oct-23	7-Oct-23	465 MM
11	C1A	CURVE-9 ✓	CARRY-403	MIDDLE	5-Oct-23	7-Oct-23	465 MM
12	C1A	CURVE-9 ✓	CARRY-405	MIDDLE	6-Oct-23	7-Oct-23	465 MM
13	C1A	CURVE-9 ✓	CARRY-426	MIDDLE	6-Oct-23	7-Oct-23	465 MM
14	C1B	CURVE-3	RETURN-36	RIGHT	8-Oct-23	9-Oct-23	700 MM
15	C1B	CURVE-2	CARRY-430	MIDDLE	8-Oct-23	10-Oct-23	465 MM
16	C1A	HEAD END ✓	CARRY-46	MIDDLE	10-Oct-23	11-Oct-23	465 MM
17	C1A	CURVE-9 ✓	CARRY-444	MIDDLE	11-Oct-23	13-Oct-23	465 MM
18	C1A	CURVE-9 ✓	RETURN-203	LEFT	11-Oct-23	13-Oct-23	465 MM
19	C1A	TAIL END	RETURN-2179	RIGHT	12-Oct-23	13-Oct-23	700 MM
20	C1A	CURVE-2	CARRY-3219	MIDDLE	15-Oct-23	16-Oct-23	465 MM
21	C1A	CURVE-9 ✓	CARRY-400	MIDDLE	17-Oct-23	19-Oct-23	465 MM
22	C1A	CURVE-9 ✓	CARRY-400	LEFT	18-Oct-23	19-Oct-23	465 MM
23	C1A	CURVE-1	CARRY-4004	MIDDLE	18-Oct-23	19-Oct-23	465 MM
24	C1B	CURVE-2	CARRY-522	MIDDLE	21-Oct-23	22-Oct-23	465 MM
25	C1B	CURVE-2	CARRY-416	MIDDLE	20-Oct-23	23-Oct-23	465 MM
26	C1B	CURVE-2	CARRY-463	MIDDLE	22-Oct-23	23-Oct-23	465 MM
27	C1A	TAIL END	GUIDE ROLLER	BEND PULLEY	22-Oct-23	23-Oct-23	290-152.4 MM
28	C1B	TAIL END ✓	GUIDE ROLLER	TAIL PULLEY	23-Oct-23	23-Oct-23	290-152.4 MM
29	C1B	TAIL END ✓	GUIDE ROLLER	TAIL PULLEY	23-Oct-23	23-Oct-23	290-152.4 MM
30	C1A	CURVE-9 ✓	CARRY-412	LEFT	13-Oct-23	25-Oct-23	465 MM
31	C1A	CURVE-9 ✓	CARRY-407	MIDDLE	14-Oct-23	25-Oct-23	465 MM
32	C1A	TAIL END	CARRY-4234	RIGHT	24-Oct-23 *	25-Oct-23	465 MM
33	C1A	CURVE-9 ✓	CAARRY-86	LEFT	25-Oct-23	27-Oct-23	465 MM
34	C1A	CURVE-9 ✓	CARRY-89	LEFT	25-Oct-23	27-Oct-23	465 MM
35	C1A	CURVE-1	CARRY-3732	MIDDLE	26-Oct-23	27-Oct-23	465 MM
36	C1B	CURVE-1 ✓	CARRY-825	MIDDLE	26-Oct-23	27-10-2023	465 MM
37	C1A	CURVE-9 ✓	RETURN-189	RIGHT	27-Oct-23	28-Oct-23	465 MM
38	C1A	CURVE-9 ✓	RETURN-197	MIDDLE	28-Oct-23	28-Oct-23	465 MM
39	C1A	CURVE-9 ✓	RETURN-198	LEFT	27-Oct-23	28-Oct-23	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF OCT-2023

CARRY ROLLER	RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
465mm - 152.4mm	700 mm	465 mm	290mm - 152.4mm	290 mm 159mm	1450 mm	1900 mm		
33	1	10	4	0	0	0	0	1

STORE STOCK DETAILS AS ON -OCT-2023

CARRY ROLLER(465 mm)		RETURN ROLLER (700 mm)		IMPACT ROLLER STEEL(290 mm-152 mm)		IMPACT ROLLER RUBBER(290 mm-159 mm)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MELCO	TVS	MELCO	TVS	MELCO	TVS	MELCO	TVS	1450 mm	1900 mm		
450	750	93	207	30	3	89	89	1	3		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF SEPT - 2023

1	C1A	CURVE-2	CARRY-3110	LEFT	11-Aug-23	2-Sep-23	803 KM
2	C1A	CURVE-3	RETURN-1617	RIGHT	1-Sep-23	3-Sep-23	811 KM
3	C1A	CURVE-6 ✓	RETURN-745	MIDDLE	1-Sep-23	2-Sep-23	963 KM
4	C1B	TAIL END ✓	RETURN-110	LEFT	1-Sep-23	4-Sep-23	728 KM
5	C2A	CURVE-6	CARRY-1867	MIDDLE	1-Sep-23	5-Sep-23	911 KM
6	C1A	CURVE-6	CARRY-1867	RIGHT	1-Sep-23	5-Sep-23	911 KM
7	C1A	CURVE-3	CARRY-1311	LEFT	1-Sep-23	5-Sep-23	911 KM
8	C1B	TAIL END ✓	RETURN-1230	RIGHT	1-Sep-23	5-Sep-23	911 KM
9	C1A	CURVE-9 ✓	RETURN-1911	MIDDLE	1-Sep-23	6-Sep-23	965 KM
10	C1B	CURVE-3	CARRY-444	MIDDLE	1-Sep-23	6-Sep-23	965 KM
11	C1A	CURVE-3	RETURN-2034	LEFT	1-Sep-23	8-Sep-23	969 KM
12	C1A	CURVE-3	CARRY-2011	LEFT	1-Sep-23	8-Sep-23	969 KM
13	C1B	TAIL END ✓	RETURN-139	RIGHT	1-Sep-23	10-Sep-23	728 KM
14	C1A	CURVE-3	CARRY-3109	MIDDLE	1-Sep-23	10-Sep-23	965 KM
15	C1A	CURVE-3	CARRY-3126	MIDDLE	1-Sep-23	10-Sep-23	965 KM
16	C1B	CURVE-3	RETURN-164	LEFT	1-Sep-23	10-Sep-23	728 KM
17	C1A	HEAD END ✓	FLAT ROLLER	TROLLEY AREA	11-Sep-23	18-Sep-23	1309 KM
18	C1A	CURVE-9 ✓	CARRY-430	MIDDLE	18-Sep-23	19-Sep-23	965 KM
19	C1A	CURVE-9 ✓	CARRY-430	LEFT	11-Sep-23	19-Sep-23	965 KM
20	C1A	CURVE-9 ✓	RETURN-187	LEFT	18-Sep-23	19-Sep-23	965 KM
21	C1A	CURVE-3	CARRY-3944	MIDDLE	18-Sep-23	19-Sep-23	965 KM
22	C1A	TAIL END	RETURN-2196	RIGHT	18-Sep-23	19-Sep-23	728 KM
23	C1A	CURVE-2	CARRY-3365	MIDDLE	21-Sep-23	21-Sep-23	965 KM
24	C1A	TAIL END	RETURN-2196	RIGHT	21-Sep-23	23-Sep-23	728 KM
25	C1A	TAIL END	RETURN-2264	RIGHT	23-Sep-23	23-Sep-23	728 KM
26	C1A	CURVE-9 ✓	CARRY-398	MIDDLE	23-Sep-23	23-Sep-23	965 KM
27	C1A	CURVE-9 ✓	RETURN-173	MIDDLE	23-Sep-23	24-Sep-23	965 KM
28	C1A	CURVE-9 ✓	RETURN-178	MIDDLE	24-Sep-23	25-Sep-23	965 KM
29	C1A	CURVE-9 ✓	RETURN-178	LEFT	23-Sep-23	25-Sep-23	965 KM
30	C1A	HEAD END ✓	FLAT ROLLER	TROLLEY AREA	24-Sep-23	26-Sep-23	1309 KM
31	C1A	CURVE-9 ✓	RETURN-369	LEFT	25-Sep-23	28-Sep-23	965 KM
32	C1A	CURVE-9 ✓	RETURN-205	LEFT	25-Sep-23	28-Sep-23	965 KM
33	C1A	CURVE-9 ✓	CARRY-404	MIDDLE	24-Sep-23	28-Sep-23	965 KM
34	C1A	CURVE-9 ✓	CARRY-452	MIDDLE	24-Sep-23	28-Sep-23	965 KM
35	C1A	CURVE-9 ✓	CARRY-402	LEFT	25-Sep-23	28-Sep-23	965 KM
36	C1A	CURVE-3	CARRY-2328	MIDDLE	26-Sep-23	28-Sep-23	965 KM
37	C1A	CURVE-9 ✓	CARRY-413	MIDDLE	27-Sep-23	28-Sep-23	965 KM
38	C1A	TAIL END	RETURN-2109	LEFT	27-Sep-23	28-Sep-23	728 KM
39	C1A	CURVE-9 ✓	CARRY-396	MIDDLE	28-Sep-23	29-Sep-23	965 KM
40	C1A	CURVE-9 ✓	CARRY-391	MIDDLE	27-Sep-23	29-Sep-23	965 KM
41	C1A	CURVE-9 ✓	CARRY-326	MIDDLE	28-Sep-23	29-Sep-23	965 KM
42	C1A	CURVE-9 ✓	CARRY-322	LEFT	28-Sep-23	29-Sep-23	965 KM
43	C1A	CURVE-9 ✓	RETURN-173	RIGHT	28-Sep-23	29-Sep-23	965 KM
44	C1A	CURVE-9 ✓	RETURN-181	RIGHT	28-Sep-23	29-Sep-23	965 KM
45	C1A	CURVE-3	CARRY-3744	MIDDLE	28-Sep-23	29-Sep-23	965 KM
46	C1A	CURVE-2	RETURN-2167	RIGHT	28-Sep-23	29-Sep-23	728 KM
47	C1A	CURVE-3	RETURN-1910	LEFT	27-Sep-23	29-Sep-23	728 KM

48	C1A	CURVE-3	CARRY-3346	MIDDLE	27-Sep-23	29-Sep-23	965 KM
49	C1B	TAIL END ✓	CARRY-1311	LEFT-1	28-Sep-23	29-Sep-23	728 KM

REPLACEMENT SUMMARY FOR THE MONTH OF SEPT-2023

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF AUG -2023

1	C1A	TAIL END	RETURN-2177	RIGHT	31-Jul-23	2-Aug-23	730 MM
2	C1A	CURVE-1	RETURN-1903	MIDDLE	1-Aug-23	7-Aug-23	463 MM
3	C1A	CURVE-1	CARRY-2464	MIDDLE	3-Aug-23	8-Aug-23	463 MM
4	C1A	CURVE-1	CARRY-3211	MIDDLE	6-Aug-23	8-Aug-23	463 MM
5	C1A	CURVE-1	CARRY-3749	MIDDLE	6-Aug-23	8-Aug-23	463 MM
6	C1A	CURVE-1	CARRY-1964	MIDDLE	7-Aug-23	8-Aug-23	463 MM
7	C1A	CURVE-1	CARRY-1991	MIDDLE	7-Aug-23	8-Aug-23	463 MM
8	C1A	CURVE-1	CARRY-3972	MIDDLE	8-Aug-23	10-Aug-23	463 MM
9	C1A	CURVE-1	CARRY-1346	MIDDLE	9-Aug-23	10-Aug-23	463 MM
10	C1A	CURVE-1	CARRY-432	MIDDLE	9-Aug-23	10-Aug-23	463 MM
11	C1A	CURVE-1	CARRY-3913	MIDDLE	10-Aug-23	11-Aug-23	463 MM
12	C1A	CURVE-1	CARRY-4063	MIDDLE	10-Aug-23	11-Aug-23	463 MM
13	C1A	CURVE-1	CARRY-3214	MIDDLE	11-Aug-23	12-Aug-23	463 MM
14	C1A	CURVE-1	CARRY-739	MIDDLE	11-Aug-23	12-Aug-23	463 MM
15	C1A	TAIL END	CARRY-1301	RIGHT-1	13-Aug-23	14-Aug-23	290-1162.4 MM
16	C1A	CURVE-1	CARRY-4207	MIDDLE	13-Aug-23	14-Aug-23	463 MM
17	C1A	CURVE-1	CARRY-4038	MIDDLE	14-Aug-23	16-Aug-23	463 MM
18	C1A	CURVE-1	CARRY-3931	MIDDLE	15-Aug-23	16-Aug-23	463 MM
19	C1A	CURVE-1	CARRY-2210	MIDDLE	15-Aug-23	16-Aug-23	463 MM
20	C1A	CURVE-1	CARRY-2107	MIDDLE	15-Aug-23	16-Aug-23	463 MM
21	C1A	HEAD END	FLAT	TROLLEY AREA	17-Aug-23	18-Aug-23	1908 MM
22	C1A	CURVE-1	CARRY-2363	RIGHT	17-Aug-23	17-Aug-23	463 MM
23	C1A	CURVE-1	RETURN-194	MIDDLE	19-Aug-23	17-Aug-23	463 MM
24	C1A	CURVE-1	RETURN-189	MIDDLE	20-Aug-23	22-Aug-23	463 MM
25	C1A	TAIL END	RETURN-2194	LEFT	20-Aug-23	23-Aug-23	730 MM
26	C1A	TAIL END	CARRY-4022	MIDDLE	21-Aug-23	23-Aug-23	463 MM
27	C1A	TAIL END	CARRY-4482	MIDDLE	21-Aug-23	23-Aug-23	463 MM
28	C1A	TAIL END	CARRY-4131	MIDDLE	22-Aug-23	23-Aug-23	463 MM
29	C1A	CURVE-1	RETURN-773	RIGHT	23-Aug-23	25-Aug-23	730 MM
30	C1A	CURVE-1	CARRY-1525	MIDDLE	25-Aug-23	26-Aug-23	463 MM
31	C1A	TAIL END	CARRY-4268	MIDDLE	25-Aug-23	26-Aug-23	463 MM
32	C1A	CURVE-1	CARRY-337	MIDDLE	25-Aug-23	28-Aug-23	463 MM
33	C1A	CURVE-1	CARRY-3893	MIDDLE	26-Aug-23	28-Aug-23	463 MM
34	C1A	CURVE-1	CARRY-2616	MIDDLE	28-Aug-23	31-Aug-23	463 MM
35	C1A	CURVE-1	CARRY-2416	MIDDLE	28-Aug-23	31-Aug-23	463 MM
36	C1A	CURVE-1	RETURN-1602	LEFT	30-Aug-23	31-Aug-23	730 MM
37	C1A	CURVE-1	CARRY-531	MIDDLE	30-Aug-23	31-Aug-23	463 MM

REPLACEMENT SUMMARY FOR THE MONTH OF AUG 2023

CARRY ROLLER	RETURN ROLLER		TRACT ROLLER	IMPACT ROLLER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
	TAIL END							
38	4	3	1	7	4	1	0	0

STORE STOCK DETAILS AS ON AUG-2023

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER		IMPACT ROLLER		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MILD	TIN	MILD	TIN	MILD	TIN	MILD	TIN				
137	756	44	337	31	1	88	80	1	7		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF JULY -2023

SL. NO.	CONVEYOR	LOCATION	ROLLER NO.	ROLLER POSITION	REPLACEMENT DATE	REMOVED DATE	REMARK
1	C1A	CURVE-6	RETURN-113	RIGHT	1-Jul-23	2-Jul-23	700 MM
2	C1B	TAIL END	CARRY-1005	MIDDLE	1-Jul-23	3-Jul-23	465 MM
3	C1A	HEAD END	FLAT	TROLLEY AREA	3-Jul-23	4-Jul-23	1908 MM
4	C1A	CURVE-1	CARRY-4011	MIDDLE	7-Jul-23	8-Jul-23	465 MM
5	C1B	TAIL END	CARRY-1102	LEFT-2	10-Jul-23	11-Jul-23	290- 139 MM
6	C1A	CURVE-1	CARRY-4013	MIDDLE	12-Jul-23	13-Jul-23	465 MM
7	C1B	CURVE-3	CARRY-110	MIDDLE	13-Jul-23	14-Jul-23	465 MM
8	C1A	TAIL END	CARRY-4207	MIDDLE	15-Jul-23	16-Jul-23	465 MM
9	C1A	CURVE-5	CARRY-1710	MIDDLE	17-Jul-23	18-Jul-23	465 MM
10	C1A	CURVE-7	CARRY-828	MIDDLE	17-Jul-23	19-Jul-23	465 MM
11	C1A	CURVE-7	CARRY-827	MIDDLE	17-Jul-23	19-Jul-23	465 MM
12	C1A	CURVE-7	CARRY-747	MIDDLE	18-Jul-23	19-Jul-23	465 MM
13	C1A	HEAD END	FLAT	TROLLEY AREA	20-Jul-23	21-Jul-23	1908 MM
14	C1B	CURVE-3	CARRY-152	MIDDLE	21-Jul-23	22-Jul-23	465 MM
15	C1B	CURVE-3	CARRY-153	MIDDLE	21-Jul-23	22-Jul-23	465 MM
16	C1B	CURVE-3	CARRY-154	MIDDLE	21-Jul-23	22-Jul-23	465 MM
17	C1B	CURVE-3	RETURN-64	LEFT	21-Jul-23	22-Jul-23	465 MM
18	C1B	CURVE-3	RETURN-62	LEFT	21-Jul-23	22-Jul-23	465 MM
19	C1B	CURVE-3	RETURN-63	LEFT	21-Jul-23	22-Jul-23	465 MM
20	C1B	CURVE-3	RETURN-60	LEFT	21-Jul-23	22-Jul-23	465 MM
21	C1B	CURVE-3	RETURN-61	LEFT	21-Jul-23	22-Jul-23	465 MM
22	C1B	CURVE-3	RETURN-75	LEFT	21-Jul-23	22-Jul-23	700 MM
23	C1A	CURVE-3	CARRY-2175	MIDDLE	23-Jul-23	24-Jul-23	465 MM
24	C1A	CURVE-3	CARRY-3569	MIDDLE	24-Jul-23	25-Jul-23	465 MM
25	C1A	TAIL END	CARRY-4252	MIDDLE	24-Jul-23	25-Jul-23	465 MM
26	C1A	CURVE-9	RETURN-191	MIDDLE	29-Jul-23	30-Jul-23	465 MM
27	C1A	CURVE-9	RETURN-190	MIDDLE	29-Jul-23	30-Jul-23	465 MM
28	C1A	CURVE-9	RETURN-187	MIDDLE	29-Jul-23	30-Jul-23	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF JULY-2023

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER (FIBER)	IMPACT ROLLER (RUBBER)	FLAT ROLLER		CARRY FRAME	RETURN FRAME
400mm - 132 Nos	150 mm	465 mm		395mm - 133 Nos	290 mm - 11 Nos	1400 mm	1908 mm		
11	1	8		1	0	0	1	1	1

STORE STOCK DETAILS AS ON JULY-2023

CARRY ROLLER(400 mm)		RETURN ROLLER (150 mm)		IMPACT ROLLER (FIBER)(395 mm - 133 nos)		IMPACT ROLLER (RUBBER)(290 mm -139 nos)		FLAT ROLLER		LEFT FRAME	RETURN FRAME
ROLLER	FRAME	ROLLER	FRAME	ROLLER	FRAME	ROLLER	FRAME	1400 mm	1908 mm		
436	236	24	387	91	2	22	22	1	8		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF JUNE 2023

1	C1B	HEAD END	FLAT	TROLLEY AREA	31-May-23	1-Jun-23	
2	C1B	CURVE-3	CARRY-510	MIDDLE	2-Jun-23	3-Jun-23	
3	C1A	CURVE-2	CARY-1309	MIDDLE	2-Jun-23	3-Jun-23	
4	C1A	CURVE-3	CARRY-796	MIDDLE	4-Jun-23	5-Jun-23	
5	C1B	CURVE-1 ✓	RETURN-509	LEFT	4-Jun-23	6-Jun-23	
6	C1A	HEAD END ✓	FLAT	TROLLEY AREA	9-Jun-23	10-Jun-23	
7	C1A	CURVE-1	CARRY-4079	MIDDLE	10-Jun-23	12-Jun-23	
8	C1B	CURVE-1 ✓	CARRY-631	RIGHT	13-Jun-23	14-Jun-23	
9	C1B	CURVE-1 ✓	CARRY-631	MIDDLE	12-Jun-23	14-Jun-23	
10	C1A	CURVE-7	CARRY-855	MIDDLE	14-Jun-23	16-Jun-23	
11	C1A	TAIL END	CARRY-4275	MIDDLE	16-Jun-23	17-Jun-23	
12	C1A	TAIL END	GUIDE	DRIVE AREA	17-Jun-23	18-Jun-23	
13	C1A	CURVE-5	CARRY-2645	MIDDLE	20-Jun-23	21-Jun-23	
14	C1A	CURVE-5	CARRY-1906	MIDDLE	20-Jun-23	21-Jun-23	
15	C1A	CURVE-5	CARRY-1992	MIDDLE	20-Jun-23	21-Jun-23	
16	C1A	TAIL END	RETURN-2163	RIGHT	19-Jun-23	21-Jun-23	
17	C1A	CURVE-3	RETURN-1171	MIDDLE	21-Jun-23	23-Jun-23	
18	C1A	TAIL END	RETURN-2189	RIGHT	21-Jun-23	23-Jun-23	
19	C1A	TAIL END	CARRY-4258	MIDDLE	25-Jun-23	26-Jun-23	
20	C1A	TAIL END	RETURN-2185	RIGHT	25-Jun-23	26-Jun-23	
21	C1A	CURVE-3	CARRY-2846	MIDDLE	25-Jun-23	27-Jun-23	
22	C1A	TAIL END	CARRY-4289	LEFT-1	26-Jun-23	27-Jun-23	
23	C1A	CURVE-3	CARRY-2891	MIDDLE	28-Jun-23	30-Jun-23	
24	C1A	CURVE-2	CARRY-3621	MIDDLE	28-Jun-23	30-Jun-23	
25	C1A	CURVE-2	RETURN-1823	LEFT	29-Jun-23	30-Jun-23	
26	C1A	TAIL END	RETURN-2145	LEFT	29-Jun-23	30-Jun-23	
27	C1A	CURVE-7	CARRY-1416	MIDDLE	28-Jun-23	30-Jun-23	
28	C1A	CURVE-7	CARRY-1381	MIDDLE	28-Jun-23	30-Jun-23	

REPLACEMENT SUMMARY FOR THE MONTH OF JUNE-2023

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY PANEL	RETURN PANEL
	TRF		TRF						
18	4	4			1		3		

STORE STOCK DETAILS AS ON JUNE-2023

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER STEEL		IMPACT ROLLER RUBBER		FLAT ROLLER		CARRY PANEL	RETURN PANEL
MILD	TRF	MILD	TRF	MILD	TRF	MILD	TRF				
	754	19	187	11	3	16	10	3	6		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTO OF MAY -2023

1	C1A	CURVE-9 ✓	RETURN-365	LEFT	29-Apr-23	1-May-23	
2	C1A	CURVE-9 ✓	CARRY-624	LEFT	27-Apr-23	1-May-23	
3	C1A	CUVE-7	CARRY-990	MIDDLE	27-Apr-23	1-May-23	
4	C1A	CURVE-7	CARRY-1111	RIGHT	27-Apr-23	1-May-23	
5	C1A	CURVE-7	CARRY-1130	RIGHT	27-Apr-23	1-May-23	
6	C1A	TAIL END	CARRY-4255	MIDDLE	7-May-23	8-May-23	
7	C1B	CURVE-2	CARRY-1022	MIDDLE	9-May-23	10-May-23	
8	C1B	CURVE-3	CARRY-57	MIDDLE	4-May-23	10-May-23	
9	C1A	CURVE-2	CARRY-3204	MIDDLE	11-May-23	12-May-23	
10	C1B	TAIL END	CARRY-1102	RIGHT-2	12-May-23	13-May-23	
11	C1A	CURVE-3	CARRY-2163	MIDDLE	12-May-23	13-May-23	
12	C1B	TAIL END ✓	CARRY-1104	RIGHT	17-May-23	18-May-23	
13	C1B	CURVE-9 ✓	CARRY-541	MIDDLE	19-May-23	22-May-23	
14	C1A	CURVE-7	CARRY-1147	MIDDLE	19-May-23	22-May-23	
15	C1A	CURVE-6	CARRY-1911	MIDDLE	19-May-23	22-May-23	
16	C1A	CURVE-1	CARRY-3870	MIDDLE	21-May-23	22-May-23	
17	C1B	CURVE-1 ✓	CARRY-439	MIDDLE	22-May-23	23-May-23	
18	C1B	CURVE-1 ✓	CARRY-712	LEFT	30-May-23	31-May-23	
19	C1A	CURVE-9 ✓	CARRY-467	MIDDLE	30-May-23	31-May-23	
20	C1A	CURVE-1	RETURN-2150	LEFT	30-May-23	31-May-23	

REPLACEMENT SUMMARY FOR THE MONTH OF MAY-2023

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
	150 mm - 152.4 mm	150 mm	465 mm	250mm - 152.4mm	200 mm - 159mm	1430 mm	1908 mm		
16	2	1		2	0	0	0	0	0

STORE STOCK DETAILS AS ON -MAY-2023

CARRY ROLLER(465 mm)		RETURN ROLLER (700 mm)		IMPACT ROLLER STEEL(250 mm-152 mm)		IMPACT ROLLER RUBBER(200 mm-159 mm)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
WELDED	TMS	WELDED	TMS	WELDED	TMS	WELDED	TMS	1430 mm	1908 mm		
630	758	19	867	85	2	91	10	1	0		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTO OF APRIL -2023

	C1A	CURVE-8	CARRY-542	MIDDLE	2-Apr-23	3-Apr-23	465 MM
	C1A	CURVE-8	CARRY-541	MIDDLE	2-Apr-23	3-Apr-23	465 MM
	C1A	CURVE-1	CARRY-4108	MIDDLE	2-Apr-23	3-Apr-23	465 MM
	C1A	CURVE-7	CARRY-998	MIDDLE	3-Apr-23	4-Apr-23	465 MM
	C1A	CURVE-7	RETURN-1025	LEFT	4-Apr-23	5-Apr-23	700 MM
	C1A	CURVE-7	RETURN-1011	RIGHT	4-Apr-23	5-Apr-23	700 MM
	C1A	CURVE-8	CARRY-480	LEFT	5-Apr-23	6-Apr-23	465 MM
	C1A	CURVE-9	CARRY-306	MIDDLE	10-Apr-23	11-Apr-23	465 MM
	C1A	CURVE-9	CARRY-566	RIGHT	10-Apr-23	11-Apr-23	465 MM
	C1A	CURVE-3	CARRY-2519	MIDDLE	12-Apr-23	13-Apr-23	465 MM
	C1A	CURVE-8	CARRY-445	RIGHT	13-Apr-23	14-Apr-23	465 MM
	C1A	CURVE-1	CARRY-4124	MIDDLE	14-Apr-23	15-Apr-23	465 MM
	C1A	TAIL END	CARRY-1107	LEFT-2	13.02.2023	14.02.2023	290 MM-152.4 MM
	C1A	CARRY-1	CARRY-3995	MIDDLE	14-Apr-23	15-Apr-23	465 MM
	C1A	CURVE-7	CARRY-1244	LEFT	15-Apr-23	16-Apr-23	465 MM
	C1A	CURVE-2	RETURN-644	MIDDLE	15-Apr-23	16-Apr-23	465 MM
	C1A	CURVE-9	RETUR-197	RIGHT	16-Apr-23	17-Apr-23	465 MM
	C1A	CURVE-8	CARRY-407	MIDDLE	16-Apr-23	17-Apr-23	465 MM
	C1A	CURVE-8	CARRY-479	MIDDLE	17-Apr-23	18-Apr-23	465 MM
	C1A	CURVE-8	RETURN-407	FRAME	22-Apr-23	23-Apr-23	FRAME
	C1A	CURVE-2	CARRY-3012	RIGHT	24-Apr-23	25-Apr-23	465 MM
	C1A	TAIL END	CARRY-1103	RIGHT	24-Apr-23	25-Apr-23	290-156 MM

REPLACEMENT SUMMARY FOR THE MONTH OF APRIL-2023

CARRY ROLLER		RETURN ROLLER		IMPACT IDLLER STEEL	IMPACT ROLLER RUBBERISED	FLAT ROLLER		CARRY FRAME	RETURN FRAME
	152.4mm	465 mm		290mm - 152.4mm	290 mm-139mm	1960 mm	1968 mm		
28	2	6		8	7	6	8	8	1

STONE STOCK DEYAILS AS ON -APRIL-2023

								FLAT ROLLER		
								1960 mm	1968 mm	
		28	467	35	3	34	38	1	0	

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF MARCH-2023

SL NO	CONVEYOR	LOCATION	ROLLER NO	ROLLER POSITION	DISMANTLED DATE	REPLACED DATE	REMARKS
1	C1A	TAIL END	RETURN-2018	LEFT	3-Mar-23	4-Mar-23	700 MM
2	C1A	CURVE-9 ✓	CARRY-401	RIGHT	5-Mar-23	6-Mar-23	465 MM
3	C1A	CURVE-8 ✓	CARRY-409	RIGHT	5-Mar-23	6-Mar-23	465 MM
4	C1A	CURVE-3	CARRY-1353	MIDDLE	6-Mar-23	7-Mar-23	465 MM
5	C1A	CURVE-9 ✓	CARRY-406	RIGHT	8-Mar-23	9-Mar-23	465 MM
6	C1A	CURVE-9 ✓	CARRY-404	RIGHT	9-Mar-23	10-Mar-23	465 MM
7	C1A	CURVE-3	CARRY-2008	MIDDLE	12-Mar-23	13-Mar-23	465 MM
8	C1A	CURVE-3	CARRY-2092	MIDDLE	12-Mar-23	13-Mar-23	465 MM
9	C1A	TAIL END	CARRY-4287	MIDDLE	12-Mar-23	13-Mar-23	290-152.4 MM
10	C1A	TAIL END	CARRY-4290	MIDDLE	12-Mar-23	13-Mar-23	290-152.4 MM
11	C1A	TAIL END	CARRY-4241	MIDDLE	12-Mar-23	13-Mar-23	290-152.4 MM
12	C1A	TAIL END	CARRY-4244	RIGHT-1	12-Mar-23	13-Mar-23	290-152.4 MM
13	C1A	CURVE-9 ✓	CARRY-479	MIDDLE	14-Mar-23	15-Mar-23	465 MM
14	C1A	CURVE-9 ✓	RETURN-192	MIDDLE	14-Mar-23	15-Mar-23	465 MM
15	C1A	CURVE-2	CARRY-2131	MIDDLE	19-Mar-23	20-Mar-23	465 MM
16	C1A	CURVE-9 ✓	CARRY-289	MIDDLE	25-Mar-23	26-Mar-23	465 MM
17	C1A	TAIL END	CARRY-4281	LHS-1	26-Mar-23	27-Mar-23	290-152.4 MM
18	C1A	TAIL END	CARRY-4287	RHS-1	26-Mar-23	27-Mar-23	290-152.4 MM
19	C1A	TAIL END	CARRY-4283	LHS-2	26-Mar-23	27-Mar-23	290-152.4 MM
20	C1A	CURVE-2	CARRY-3613	LEFT	27-Mar-23	29-Mar-23	465 MM
21	C1A	CURVE-2	CARRY-3629	MIDDLE	27-Mar-23	29-Mar-23	465 MM
22	C1A	CURVE-2	CARRY-3645	MIDDLE	27-Mar-23	29-Mar-23	465 MM
23	C1A	CURVE-2	CARRY-3713	MIDDLE	27-Mar-23	29-Mar-23	465 MM
24	C1A	CURVE-2	CARRY-2846	RIGHT	27-Mar-23	29-Mar-23	465 MM
25	C1A	CURVE-6	CARRY-2080	MIDDLE	27-Mar-23	31-Mar-23	465 MM
26	C1A	CURVE-6	CARRY-2053	MIDDLE	27-Mar-23	31-Mar-23	465 MM
27	C1A	CURVE-6	CARRY-1962	MIDDLE	27-Mar-23	31-Mar-23	465 MM
28	C1A	CURVE-6	CARRY-1866	MIDDLE	27-Mar-23	31-Mar-23	465 MM
29	C1A	CURVE-5	RETURN-1019	RIGHT	27-Mar-23	31-Mar-23	700 MM
30	C1A	CURVE-7	CARRY-1307	RIGHT	27-Mar-23	31-Mar-23	465 MM
31	C1A	CURVE-7	CARRY-827	RIGHT	27-Mar-23	31-Mar-23	465 MM
32	C1A	CURVE-7	RETURN-474	MIDDLE	27-Mar-23	31-Mar-23	700 MM
33	C1A	CURVE-7	RETURN-443	MIDDLE	27-Mar-23	31-Mar-23	700 MM
34	C1A	CURVE-8 ✓	RETURN-187	LEFT	27-Mar-23	31-Mar-23	465 MM
35	C1A	CURVE-8 ✓	RETURN-189	LEFT	27-Mar-23	31-Mar-23	465 MM
36	C1A	CURVE-8 ✓	CARRY-211	MIDDLE	27-Mar-23	31-Mar-23	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF MARCH-2023

CARRY ROLLER	RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
35	700 MM	465 MM	250 MM - 152 MM	250 MM-159 MM	1450 MM	2400 MM		
35	5	6	5	11	0	0	0	0

STORE STOCK DETAILS AS ON -MARCH-2023

CARRY ROLLER(465 MM)		RETURN ROLLER (700 MM)		IMPACT ROLLER STEEL(250 MM-152 MM)		IMPACT ROLLER RUBBER(250 MM-159 MM)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MILD	SS	MILD	SS	MILD	SS	MILD	SS	1450 MM	2400 MM		
45	855	28	465	31	2	99	58	1	0		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF FEBRUARY-2023

SLNO	CONVEYOR	LOCATION	ROLLER NO	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1A	CURVE-3	CARRY-2502	MIDDLE	31.01.2023	01.02.2023	465 MM
2	C1A	CURVE-3	CARRY-2846	MIDDLE	31.01.2023	01.02.2023	465 MM
3	C1A	CURVE-2	CARRY-3519	MIDDLE	03.02.2023	04.02.2023	465 MM
4	C1A	CURVE-3	CARRY-2773	RIGHT	03.02.2023	04.02.2023	465 MM
5	C1A	TAIL END	RETURN-2194	RIGHT	04.02.2023	05.02.2023	700 MM
6	C1A	CURVE-1	CARRY-4143	MIDDLE	04.02.2023	05.02.2023	465 MM
7	C1A	TAIL END	CARRY-4291	RIGHT	05.02.2023	06.02.2023	465 MM
8	C1A	CURVE-1	RETURN-2095	RIGHT	05.02.2023	06.02.2023	700 MM
9	C1A	CURVE-2	CARRY-3580	MIDDLE	07.02.2023	08.02.2023	465 MM
10	C1B	CURVE-1 ✓	CARRY 876	MIDDLE	09.02.2023	10.02.2023	465 MM
11	C1A	TAIL END ✓	RETURN-2173	RIGHT	09.02.2023	10.02.2023	700 MM
12	C1A	TAIL END	RETURN-2173	LEFT	09.02.2023	10.02.2023	700 MM
13	C1A	TAIL END	CARRY-4168	MIDDLE	09.02.2023	10.02.2023	465 MM
14	C1A	HEAD END ✓	RETURN-07	RIGHT	10.02.2023	11.02.2023	700 MM
15	C1A	CURVE-2	CARRY-3514	MIDDLE	10.02.2023	11.02.2023	465 MM
16	C1A	CURVE-9 ✓	CARRY 187	LEFT	10.02.2023	11.02.2023	465 MM
17	C1A	CURVE-3	CARRY-2931	MIDDLE	11.02.2023	12.02.2023	465 MM
18	C1B	TAIL END ✓	CARRY-1107	LEFT-2	13.02.2023	14.02.2023	290 MM-152.4 MM
19	C1B	TAIL END ✓	CARRY-1106	LEFT-2	14.02.2023	15.02.2023	290 MM-152.4 MM
20	C1A	CURVE-9 ✓	CARRY-216	RIGHT	14.02.2023	15.02.2023	465 MM
21	C1A	TAIL END	CARRY-4294	MIDDLE	16.02.2023	17.02.2023	465 MM
22	C1A	CURVE-2	CARRY-3123	MIDDLE	16.02.2023	17.02.2023	465 MM
23	C1A	CURVE-2	CARRY-3124	MIDDLE	16.02.2023	17.02.2023	465 MM
24	C1A	CURVE-9 ✓	RETURN-149	LEFT	17.02.2023	18.02.2023	700 MM
25	C1A	CURVE-9 ✓	RETURN-177	LEFT	19.02.2023	20.02.2023	700 MM
26	C1A	CURVE-9 ✓	RETURN-160	LEFT	19.02.2023	20.02.2023	700 MM
27	C1B	CURVE-2	CARRY-466	MIDDLE	20.02.2030	21.02.2023	465 MM
28	C1A	CURVE-9 ✓	CARRY-407	LEFT	24.02.2023	25.02.2023	465 MM
29	C2B	CURVE-1 ✓	CARRY-1096	MIDDLE & LEFT	25.02.2023	26.02.2023	465 MM
30	C1B	CURVE-1	CARRY 931	MIDDLE & LEFT	25.02.2023	26.02.2023	465 MM
31	C1A	CURVE-7	CARRY 733	MIDDLE	26.02.2023	28.02.2023	465 MM
32	C1A	CURVE-8	CARRY 467	MIDDLE & RIGHT	26.02.2023	28.02.2023	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF FEBRUARY-2023

CARRY ROLLER		RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
465mm - 152.4mm		700 mm	465 mm	290mm - 152.4mm	290 mm-152mm	1430 mm	1908 mm		
22		8	6	3	3	0	0	8	0

STORE STOCK DETAILS AS ON -FEBRUARY-2023

CARRY ROLLER(465 mm)		RETURN ROLLER (700 mm)		IMPACT ROLLER STEEL(290 mm-152 mm)		IMPACT ROLLER RUBBER(290 mm-152 mm)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MELCO	TNS	MELCO	TNS	MELCO	TNS	MELCO	TNS	1430 mm	1908 mm		
725	836	19	447	11	2	31	10	1	8		

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LDC ROLLER REPLACEMENT DETAILS FOR THE MONTH OF JANUARY-2023

SLNO	CONVEYOR	LOCATION	ROLLER NO	ROLLER POSITION	OBSERVATION DATE	REPLACEMENT DATE	REMARK
1	C1A	CURVE-9 ✓	RETURN-172	LEFT	4-Jan-23	5-Jan-23	465 MM
2	C1A	CURVE-3	CARRY-3582	MIDDLE	8-Jan-23	9-Jan-23	465 MM
3	C1A	TAIL END	CARRY-4291	LEFT-1	8-Jan-23	9-Jan-23	290-159 MM
4	C1B	TAIL END ✓	CARRY-1107	RIGHT-2	9-Jan-23	10-Jan-23	290-159 MM
5	C1A	CURVE-9 ✓	RETURN-196	RXIHT	10-Jan-23	11-Jan-23	465 MM
6	C1A	CURVE-9 ✓	RETURN-202	LEFT	10-Jan-23	11-Jan-23	465 MM
7	C1A	CURVE-8	CARRY-714	MIDDLE	10-Jan-23	11-Jan-23	465 MM
8	C1A	TAIL END	CARRY-4199	MIDDLE	10-Jan-23	11-Jan-23	465 MM
9	C1A	TAIL END	CARRY-4217	MIDDLE	12-Jan-23	13-Jan-23	465 MM
10	C1A	CURVE-8	CARRY-1610	MIDDLE	13-Jan-23	14-Jan-23	465 MM
11	C1A	CURVE-8	CARRY-1596	MIDDLE	13-Jan-23	14-Jan-23	465 MM
12	C1A	CURVE-4	CARRY-2104	MIDDLE	13-Jan-23	14-Jan-23	465 MM
13	C1A	TAIL END	CARRY-4222	MIDDLE	13-Jan-23	14-Jan-23	465 MM
14	C1A	CURVE-3	CARRY-3172	MIDDLE	15-Jan-23	16-Jan-23	465 MM
15	C1A	CURVE-7	RETURN-406	LEFT	15-Jan-23	16-Jan-23	700 MM
16	C1A	TAIL END	RETURN-2194	LEFT	19-Jan-23	20-Jan-23	700 MM
17	C1A	CURVE-5	RETURN-1011	LEFT	21-Jan-23	22-Jan-23	700 MM
18	C1A	CURVE-5	RETURN-1024	LEFT	21-Jan-23	22-Jan-23	700 MM
19	C1A	CURVE-9 ✓	CARRY-414	RIGHT	25-Jan-23	26-Jan-23	465 MM
20	C1A	CURVE-9 ✓	RETURN-188	RIGHT	25-Jan-23	26-Jan-23	465 MM
21	C1B	CURVE-1 ✓	CARRY-558	MIDDLE	26-Jan-23	27-Jan-23	465 MM
22	C1B	CURVE-1 ✓	CARRY-559	LEFT	26-Jan-23	27-Jan-23	465 MM
23	C1A	TAIL END	CARRY-4247	RIGHT	26-Jan-23	27-Jan-23	465 MM
24	C1A	TAIL END	CARRY-4294	RIGHT	26-Jan-23	27-Jan-23	465 MM
25	C1A	TAIL END	CARRY-4050	MIDDLE	27-Jan-23	28-Jan-23	465 MM

REPLACEMENT SUMMARY FOR THE MONTH OF JANUARY-2023

CARRY ROLLER	RETURN ROLLER		IMPACT ROLLER STEEL	IMPACT ROLLER RUBBER	FLAT ROLLER		CARRY FRAME	RETURN FRAME
133mm - 152.4mm	700 mm	465 mm	390mm - 152.4mm	290 mm-159mm	1450 mm	1908 mm		
22	4	6	8	2	0	0	0	0

STORE STOCK DETAILS AS ON -JANUARY-2023

CARRY ROLLER(465 mm)		RETURN ROLLER (700 mm)		IMPACT ROLLER STEEL(390 mm 152 mm)		IMPACT ROLLER RUBBER(290 mm 159 mm)		FLAT ROLLER		CARRY FRAME	RETURN FRAME
MELCO	TNS	MELCO	TNS	MELCO	TNS	MELCO	TNS	1450 mm	1908 mm		
755	838	19	447	35	3	39	10	1	8		

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ANNEXURE R1/15

PM COMPLIANCE REPORT FOR THE YEAR OF -2017

Sr.No.	Date	Main Equipment	Equipment Area	Department	Equipment Name	Parameters	Last Mainteinted Date	Shedule Of Mainteinance	From Time	To Time	Remarks
1	29-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	29-12-2017	15 Days	15:30	16:40	job completed.
2	29-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	29-12-2017	15 Days	16:50	17:30	job completed
3	29-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	29-12-2017	15 Days	10:30	11:10	job completed.
4	27-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	27-12-2017	15 Days	10:45	12:10	lubrication done
5	27-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	27-12-2017	15 Days	13:45	14:10	CHECKED FOUND OK
6	26-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	26-12-2017	15 Days	14:30	16:10	lubrication done.
7	25-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	25-12-2017	15 Days	10:45	12:00	lubrication done.
8	24-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	24-12-2017	15 Days	16:00	16:30	Greasing completed .
9	24-12-2017	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-12-2017	15 Days	11:30	12:45	lubrication completed.
10	23-12-2017	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	23-12-2017	15 Days	10:30	11:45	Lubrication completed.
11	21-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	21-12-2017	15 Days	15:00	16:35	lubrication done.
12	20-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	20-12-2017	30 Days	12:00	13:30	PM DONE & BASE BOLT TIGHTNESS CHECKED FOUND OK.
13	20-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	20-12-2017	30 Days	11:50	13:00	PM done & bolt tightness checked.
14	17-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	17-12-2017	15 Days	12:20	12:50	GREASING DONE
15	15-12-2017	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	15-12-2017	15 Days	14:00	16:00	completed
16	15-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	15-12-2017	15 Days	14:00	17:00	completed.
17	15-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	15-12-2017	15 Days	14:00	14:40	Greasing Done
18	15-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-12-2017	30 Days	10:50	11:20	Checked found ok
19	13-12-2017	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	13-12-2017	90 Days	11:45	12:00	Checked & found ok.
20	13-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	13-12-2017	15 Days	14:00	16:00	completed
21	12-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-12-2017	15 Days	14:00	15:00	lubrication completed.
22	12-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-12-2017	15 Days	15:00	16:00	completed.
23	12-12-2017	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	12-12-2017	90 Days	10:45	11:05	Checked & found ok.
24	12-12-2017	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	12-12-2017	90 Days	11:05	11:30	Checked & found ok.
25	12-12-2017	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	12-12-2017	90 Days	11:30	11:45	Checked & found ok.
26	12-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	12-12-2017	15 Days	11:00	11:35	Greasing completed.
27	11-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	11-12-2017	30 Days	09:00	17:00	DRIVE 2 HIGH SPEED COUPLING GREASING COMPLETED.
28	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	10-12-2017	15 Days	16:00	17:00	AUTO LUBRICATION SYSTEM INSTALLED.
29	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	10-12-2017	15 Days	22:00	23:00	completed.

30	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	10-12-2017	15 Days	01:00	02:00	lubrication completed.
31	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	10-12-2017	30 Days	13:45	14:10	Greasing Done
32	10-12-2017	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	10-12-2017	15 Days	22:00	23:00	greasing completed.
33	10-12-2017	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	10-12-2017	90 Days	09:00	09:20	Found Ok
34	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	10-12-2017	15 Days	14:00	14:30	GREASING COMPLETED.
35	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	10-12-2017	90 Days	12:00	12:30	TIGHTNESS CHECKED.
36	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	10-12-2017	15 Days	14:00	15:00	AUTO LUBRICATION SYSTEM INSTALLED.
37	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	10-12-2017	15 Days	14:00	15:00	AUTO LUBRICATION SYSTEM INSTALLED.
38	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	10-12-2017	15 Days	14:00	15:00	AUTO LUBRICATION SYSTEM INSTALLED.
39	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	10-12-2017	15 Days	15:00	16:00	AUTO LUBRICATION SYSTEM INSTALLED.
40	10-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-12-2017	15 Days	15:00	16:00	AUTO LUBRICATION SYSTEM INSTALLED.
41	09-12-2017	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	09-12-2017	15 Days	10:00	11:15	HEAD PULLEY GREASING COMPLETED
42	09-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	09-12-2017	15 Days	11:30	12:30	SNUB PULLEY GREASING COMPLETED
43	08-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	08-12-2017	90 Days	09:00	17:00	checking done.
44	08-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	08-12-2017	15 Days	10:30	10:50	vibration checked by acme engg. vib-2.6mm/s
45	07-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	07-12-2017	15 Days	12:00	14:00	vibration checked by acme engg.
46	07-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	07-12-2017	15 Days	12:00	14:00	vibration checked by acme engg.
47	07-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	07-12-2017	15 Days	12:00	14:00	vibration checked by acme engg.
48	06-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	06-12-2017	15 Days	08:00	08:40	tightness checking
49	06-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	06-12-2017	90 Days	08:00	17:00	bolt tightness checking completed.
50	06-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	06-12-2017	90 Days	08:00	20:00	tightness checking completed.
51	04-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	04-12-2017	15 Days	11:00	11:30	GREASING COMPLETED.
52	02-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	02-12-2017	15 Days	10:00	11:00	LUBRICATING BY AUTO-LUBRICATION PUMP .
53	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	01-12-2017	30 Days	09:00	17:00	DRIVE 1 HIGH SPEED COUPLING GREASING COMPLETED.
54	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	01-12-2017	30 Days	09:00	17:00	DRIVE 4 HIGH SPEED COUPLING GREASING COMPLETED.
55	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	01-12-2017	90 Days	08:00	17:00	bolt tightness checking completed.
56	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	01-12-2017	90 Days	10:15	01:00	low speed torquing completed .
57	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	10:00	10:45	tightness checking done.
58	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	tightness checking done.
59	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking done.
60	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking completed.
61	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking done.

62	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking completed.
63	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking completed.
64	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking completed.
65	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking completed.
66	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	09:00	17:00	checking copleted.
67	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	10:00	10:20	CHECKED AND FOUND OK
68	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	10:20	10:40	CHECKED AND FOUND OK
69	01-12-2017	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	10:40	10:50	CHECKED AND FOUND OK
70	01-12-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	01-12-2017	90 Days	11:00	11:30	TIGHTNESS CHECKED.
71	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	29-11-2017	15 Days	11:30	12:40	OK
72	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	29-11-2017	15 Days	12:10	13:35	OK
73	29-11-2017	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	29-11-2017	15 Days	13:34	15:40	OK
74	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	29-11-2017	15 Days	10:10	12:10	OK
75	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	29-11-2017	15 Days	12:10	13:10	OK
76	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	29-11-2017	30 Days	13:17	14:10	OK
77	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	29-11-2017	30 Days	12:40	14:54	OK
78	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	29-11-2017	30 Days	10:10	13:20	OK
79	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	29-11-2017	30 Days	11:34	12:56	OK
80	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	29-11-2017	30 Days	16:12	17:30	OK
81	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	29-11-2017	30 Days	12:12	12:56	OK
82	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	29-11-2017	30 Days	12:34	12:59	OK
83	29-11-2017	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	29-11-2017	30 Days	10:16	11:19	OK
84	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	29-11-2017	30 Days	13:19	13:56	OK
85	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	29-11-2017	30 Days	03:40	04:03	OK
86	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	29-11-2017	30 Days	02:36	02:56	OK
87	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	29-11-2017	30 Days	12:46	13:20	OK
88	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	29-11-2017	30 Days	13:50	13:59	OK
89	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	29-11-2017	30 Days	18:12	18:40	OK
90	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	29-11-2017	15 Days	11:40	12:12	OK
91	29-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	29-11-2017	15 Days	11:50	12:50	OK
92	25-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	25-11-2017	15 Days	09:00	10:00	This pulley plummer blocks is greasing by auto lubrication pump .
93	25-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	25-11-2017	15 Days	11:00	12:00	This pulley plummer block is greasing by auto lubrication pump .

94	25-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	25-11-2017	15 Days	10:00	11:00	This pulley plummer block is greasing by auto lubrication pump .
95	24-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	24-11-2017	15 Days	10:10	12:10	OK
96	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	17-11-2017	15 Days	15:00	15:30	GREASING COMPLETED.
97	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	17-11-2017	15 Days	15:30	16:00	GREASING COMPLETED.
98	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	17-11-2017	15 Days	16:00	18:00	Greasing completed.
99	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	17-11-2017	15 Days	16:00	18:00	Greasing completed.
100	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	17-11-2017	15 Days	18:00	18:35	Greasing completed.
101	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	17-11-2017	15 Days	09:15	09:45	Greasing completed.
102	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	17-11-2017	15 Days	10:00	10:40	Greasing completed.
103	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	17-11-2017	15 Days	18:45	19:20	Greasing completed.
104	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	17-11-2017	15 Days	19:30	20:15	greasing completed.
105	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	17-11-2017	15 Days	20:20	20:45	Greasing Completed.
106	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	17-11-2017	15 Days	20:45	21:30	greasing completed.
107	17-11-2017	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	17-11-2017	15 Days	22:00	22:50	RHS-1000 AND LHS-2000 STROKE
108	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	17-11-2017	15 Days	23:00	23:55	LHS-1950 STOKE
109	17-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	17-11-2017	15 Days	14:30	15:00	GREASING COMPLETED.
110	16-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	16-11-2017	15 Days	22:35	23:00	greasing completed.
111	16-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-11-2017	30 Days	15:00	22:00	job safely completed.
112	16-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-11-2017	30 Days	07:00	14:00	job completed.
113	16-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-11-2017	30 Days	08:00	14:00	job completed.
114	15-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-11-2017	30 Days	08:00	14:00	job completed.
115	14-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	14-11-2017	15 Days	12:10	13:10	OK
116	11-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	11-11-2017	15 Days	07:30	08:30	Greasing completed.
117	11-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	11-11-2017	15 Days	09:00	09:45	greasing completed.
118	11-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	11-11-2017	15 Days	09:15	10:11	Greasing completed.
119	10-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	10-11-2017	30 Days	13:45	14:15	Lubrication completed.
120	10-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	10-11-2017	15 Days	14:15	14:35	Lubrication completed.
121	10-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	10-11-2017	15 Days	14:35	15:00	Lubrication completed.
122	10-11-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	10-11-2017	15 Days	15:05	15:25	Lubrication completed.
123	10-11-2017	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	10-11-2017	15 Days	07:15	08:30	Greasing completed.
124	10-10-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	10-10-2017	15 Days	22:30	23:30	This pulley lubricating by auto lubrication pump .
125	10-10-2017	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	10-10-2017	15 Days	08:00	09:00	This pulley is greasing by auto lubrication pump .

126	27-09-2017	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	27-09-2017	15 Days	07:15	08:30	COMPLETED
127	15-12-2017	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	15-12-2017	15 Days	10:45	11:05	Greasing Work Done
128	15-12-2017	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-12-2017	15 Days	11:05	11:25	Greasing done
129	15-12-2017	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	15-12-2017	15 Days	11:25	11:50	Greasing Done
130	15-12-2017	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	15-12-2017	15 Days	11:50	12:15	greasing done
131	15-12-2017	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	15-12-2017	15 Days	12:20	12:50	Greasing Done
132	15-12-2017	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	15-12-2017	15 Days	09:00	09:35	greasing done
133	15-12-2017	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	15-12-2017	15 Days	09:35	10:10	Greasing done
134	14-12-2017	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	14-12-2017	15 Days	15:00	17:00	COMPLETED.
135	29-11-2017	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	29-11-2017	15 Days	23:12	23:50	OK
136	29-11-2017	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	29-11-2017	15 Days	12:16	12:45	OK
137	29-11-2017	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	29-11-2017	15 Days	17:12	17:45	OK
138	29-11-2017	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	29-11-2017	15 Days	14:23	14:56	OK
139	29-11-2017	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	29-11-2017	15 Days	17:12	17:56	OK
140	21-11-2017	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	21-11-2017	15 Days	08:00	08:30	greasing completed.
141	21-11-2017	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-11-2017	15 Days	08:30	09:00	greasing completed.
142	21-11-2017	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-11-2017	15 Days	09:00	09:30	greasing completed.
143	28-10-2017	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	28-10-2017	15 Days	22:00	06:00	JOB COMPLETED.
144	28-10-2017	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	28-10-2017	15 Days	22:00	06:00	JOB COMPLETED
145	28-10-2017	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	28-10-2017	15 Days	22:00	06:00	JOB COMPLETED
146	28-10-2017	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	28-10-2017	15 Days	22:00	06:00	JOB COMPLETED
147	28-10-2017	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	28-10-2017	15 Days	22:00	06:00	JOB COMPLETED.

PM COMPLIANCE REPORT FOR THE YEAR OF -2018

Sr.No.	Date	Main Equipment	Equipment Area	Department	Equipment Name	Parameters	Last Mainteinted Date	Shedule Of Mainteinance	From Time	To Time	Remarks
1	29-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	29-12-2018	15 Days	10:00	10:20	LUBRICATIN WORK COMPLETED.
2	26-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	26-12-2018	15 Days	09:30	09:50	LUBRICATION WORK IS DONE.
3	26-12-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	26-12-2018	15 Days	13:20	13:40	LUBRICATION WORK IS DONE.
4	26-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	26-12-2018	15 Days	14:00	14:20	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
5	25-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	25-12-2018	15 Days	12:40	13:00	LUBRICATION WORK IS DONE.
6	25-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	25-12-2018	15 Days	13:00	13:20	LUBRICATION WORK IS DONE.
7	25-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	25-12-2018	15 Days	14:20	14:40	LUBRICATION WORK IS DONE.
8	24-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-12-2018	15 Days	09:00	09:20	LUBRICATION WORK IS DONE.
9	24-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	24-12-2018	15 Days	10:00	10:20	LUBRICATION WORK IS DONE.
10	24-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-12-2018	15 Days	12:50	13:10	LUBRICATION WORK IS DONE.
11	24-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	24-12-2018	15 Days	15:35	16:00	LUBRICATION WORK IS DONE.
12	24-12-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-12-2018	15 Days	15:30	15:50	LUBRICATION WORK COMPLETED
13	24-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-12-2018	15 Days	15:55	16:15	LUBRICATION WORK COMPLETED
14	21-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	21-12-2018	15 Days	00:00	24:00:00	lubrication completed(lubricated by auto lubrication sytem)
15	21-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-12-2018	15 Days	14:00	14:30	Lubrication completed
16	20-12-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	20-12-2018	15 Days	06:00	08:00	Lubrication done
17	20-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	20-12-2018	15 Days	06:00	08:00	Lubrication done
18	19-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-12-2018	15 Days	00:00	24:00:00	LUBRICATION COMPLETED(LUBRICATED BY AUTO LUBRICATION SYSTEM)
19	19-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	19-12-2018	15 Days	00:00	24:00:00	LUBRICATION COMPLETED(LUBRICATED BY AUTO LUBRICATION SYSTEM)
20	19-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	19-12-2018	15 Days	00:00	24:00:00	LUBRICATION COMPLETED(LUBRICATED BY AUTO LUBRICATION SYSTEM)
21	19-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	19-12-2018	15 Days	00:00	24:00:00	LUBRICATION COMPLETED(LUBRICATED BY AUTO LUBRICATION SYSTEM)
22	18-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	18-12-2018	15 Days	08:00	18:25	lubrication work is done.
23	14-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	14-12-2018	30 Days	14:20	14:40	lubrication completed.
24	13-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	13-12-2018	30 Days	14:00	14:20	lubrication completed.
25	13-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	13-12-2018	15 Days	00:00	24:00:00	lubrication completed(LUBRICATED BY AUTO LUBRICATION SYSTEM)
26	11-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	11-12-2018	15 Days	09:20	09:40	motor-2.5mm/s Gearbox-1.3mm/s
27	11-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	11-12-2018	15 Days	09:40	10:00	motor-4.3mm/s Gearbox-2.8mm/s
28	11-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	11-12-2018	15 Days	11:00	11:20	motor-2.7mm/s Gearbox-1.5mm/s
29	11-12-2018	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	11-12-2018	90 Days	14:00	14:25	BASE BOLT TIGHTNESS checking work is done.

30	11-12-2018	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	11-12-2018	90 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING DONE.
31	10-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	10-12-2018	30 Days	14:00	14:30	Lubrication work is done.
32	10-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	10-12-2018	15 Days	14:00	14:30	LUBRICATION WORK IS DONE.
33	10-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	10-12-2018	15 Days	14:50	15:20	LUBRICATION WORK IS DONE.
34	10-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	10-12-2018	15 Days	09:00	09:20	motor-2.9mm/s Gearbox-1.5mm/s
35	09-12-2018	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	09-12-2018	90 Days	14:00	14:15	BASE BOLT TIGHTNESS CHECKING DONE.
36	09-12-2018	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	09-12-2018	90 Days	14:20	14:35	BASE BOLT TIGHTNESS CHECKING DONE.
37	09-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	09-12-2018	30 Days	14:35	14:50	LUBRICATION WORK IS DONE.
38	09-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	09-12-2018	30 Days	14:50	15:05	LUBRICATION WORK IS DONE.
39	09-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	09-12-2018	30 Days	15:10	15:25	LUBRICATION WORK IS DONE.
40	09-12-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	09-12-2018	30 Days	15:30	15:45	LUBRICATION WORK IS DONE.
41	09-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	09-12-2018	15 Days	15:00	15:25	LUBRICATION WORK IS DONE.
42	09-12-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-12-2018	15 Days	15:30	15:55	LUBRICATION WORK IS DONE.
43	09-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	09-12-2018	15 Days	14:30	14:45	LUBRICATION WORK IS DONE.
44	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-12-2018	30 Days	14:10	14:25	Bolts tightness work completed.
45	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-12-2018	30 Days	14:25	14:40	Bolts tightness work completed.
46	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-12-2018	30 Days	14:40	15:00	Bolts tightness work completed.
47	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	08-12-2018	30 Days	10:20	10:35	Lubrication work completed.
48	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	08-12-2018	30 Days	10:45	11:00	Lubrication work completed.
49	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	08-12-2018	30 Days	11:00	11:15	Lubrication work completed.
50	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	08-12-2018	30 Days	11:15	11:35	Lubrication work completed.
51	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	08-12-2018	15 Days	11:35	12:00	Lubrication work completed.
52	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-12-2018	15 Days	12:45	13:15	Lubrication work completed.
53	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	08-12-2018	15 Days	13:00	13:30	Lubrication work completed.
54	08-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-12-2018	15 Days	13:30	13:45	Lubrication work completed.
55	08-12-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-12-2018	15 Days	14:00	14:30	LUBRICATION WORK IS DONE.
56	07-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	07-12-2018	30 Days	09:30	09:45	Lubrication work completed.
57	07-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	07-12-2018	30 Days	10:00	10:20	Lubrication work completed.
58	07-12-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	07-12-2018	30 Days	10:30	10:45	Lubrication work completed.
59	07-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-12-2018	15 Days	12:00	12:20	Lubrication work completed.
60	07-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	07-12-2018	15 Days	12:20	12:45	Lubrication work completed.
61	06-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-12-2018	15 Days	14:55	15:15	LUBRICATION WORK IS DONE.

62	06-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	06-12-2018	15 Days	15:15	15:30	LUBRICATION WORK IS DONE.
63	06-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-12-2018	15 Days	15:30	15:45	LUBRICATION WORK IS DONE.
64	05-12-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	05-12-2018	15 Days	14:00	14:20	LUBRICATION WORK IS DONE.
65	05-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	05-12-2018	15 Days	14:20	14:45	LUBRICATION WORK IS DONE.
66	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	10:00	10:15	tightness cheeking done
67	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	10:15	10:30	tightness cheeking done
68	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	10:30	10:45	tightness checking done.
69	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	11:00	11:15	tightness checking done.
70	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	11:30	11:45	tightness checking done.
71	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	12:00	12:15	tightness checking done.
72	04-12-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	12:45	13:00	tightness checking done.
73	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-12-2018	90 Days	09:00	10:00	Tightness checking done.
74	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-12-2018	90 Days	10:00	10:45	Tightness checking done.
75	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-12-2018	30 Days	10:15	11:00	Tightness checking done.
76	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-12-2018	30 Days	11:15	11:45	Lubrication done.
77	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-12-2018	90 Days	10:00	10:50	Tightness checking done.
78	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-12-2018	90 Days	11:00	11:30	Tightness checking done.
79	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-12-2018	30 Days	11:00	11:20	Greasing done.
80	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-12-2018	30 Days	12:00	12:25	Greasing done.
81	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-12-2018	30 Days	12:45	13:00	Greasing done.
82	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	04-12-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
83	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	04-12-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
84	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	04-12-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
85	04-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	04-12-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
86	03-12-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	03-12-2018	15 Days	15:15	15:30	LUBRICATION WORK IS DONE.
87	29-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	29-11-2018	90 Days	14:10	14:30	tightness checking done.
88	29-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	29-11-2018	90 Days	15:20	15:35	BASE BOLT TIGHTNESS IS DONE.
89	27-11-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	27-11-2018	90 Days	14:00	16:00	TIGHTNESS CHECKING DONE.
90	27-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	27-11-2018	15 Days	06:10	06:30	LUBRICATION WORK IS DONE.
91	26-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	26-11-2018	15 Days	14:20	14:50	LUBRICATION WORK IS DONE.
92	25-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	25-11-2018	15 Days	09:00	09:20	motor-3.8mm/s gearbox-2.3mm/s
93	25-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	25-11-2018	15 Days	09:15	09:30	MOTOR- 2.1 MM/S GEARBOX -1.8 MM/S

94	25-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	25-11-2018	15 Days	09:35	09:40	MOTOR-2.1 MM/S GEAR BOX- 1.7 MM/S
95	25-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	25-11-2018	15 Days	10:00	10:10	MOTOR -1.9 MM/S GEAR BOX-1.8 MM/S
96	24-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-11-2018	15 Days	14:30	14:50	lubrication work is completed.
97	24-11-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-11-2018	15 Days	15:00	15:20	lubrication work is completed.
98	24-11-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-11-2018	15 Days	15:30	15:45	lubrication work is completed.
99	24-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-11-2018	15 Days	15:45	16:00	lubrication work is completed.
100	23-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-11-2018	15 Days	15:00	15:10	Lubrication is done by auto lubrication system, delivery line checked & found ok.
101	23-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	23-11-2018	15 Days	14:50	15:00	Lubrication is done by auto lubrication system, delivery line checked & found ok.
102	23-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	23-11-2018	15 Days	14:30	14:40	Lubrication is done by auto lubrication system, delivery line checked & found ok.
103	23-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	23-11-2018	15 Days	14:30	14:40	Lubrication is done by auto lubrication system, delivery line checked & found ok.
104	22-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	22-11-2018	15 Days	15:30	15:40	Lubrication is done by auto lubrication system, delivery line checked & found ok.
105	22-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-11-2018	15 Days	15:40	15:50	Lubrication is done by auto lubrication system, delivery line checked & found ok.
106	21-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	21-11-2018	15 Days	14:30	14:40	Lubrication is done by auto lubrication system, delivery line checked & found ok.
107	21-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-11-2018	15 Days	14:15	14:35	LUBRICATION WORK COMPLETED
108	21-11-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	21-11-2018	15 Days	14:40	15:00	LUBRICATION WORK COMPLETED
109	21-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	21-11-2018	15 Days	15:00	15:20	LUBRICATION WORK COMPLETED
110	21-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-11-2018	15 Days	15:20	15:45	LUBRICATION WORK COMPLETED
111	20-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-11-2018	15 Days	15:48	16:00	LUBRICATION WORK COMPLETED
112	19-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	19-11-2018	15 Days	14:10	14:30	LUBRICATION WORK COMPLETED
113	19-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-11-2018	15 Days	14:35	14:45	LUBRICATION WORK COMPLETED
114	19-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	19-11-2018	15 Days	14:45	15:00	LUBRICATION WORK COMPLETED
115	19-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	19-11-2018	15 Days	23:10	23:20	LUBRICATION WORK COMPLETED
116	16-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	16-11-2018	90 Days	14:00	16:00	TIGHTNESS CHECKING DONE .
117	16-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	16-11-2018	90 Days	14:30	14:50	tightness checking done.
118	16-11-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	16-11-2018	90 Days	14:50	15:05	BASE BOLT TIGHTNESS done.
119	16-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	16-11-2018	90 Days	15:10	15:20	BASE BOLT TIGHTNESS IS DONE.
120	16-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	16-11-2018	90 Days	15:35	15:45	BASE BOLT TIGHTNESS IS DONE.
121	16-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	16-11-2018	90 Days	15:45	16:00	BASE BOLT TIGHTNESS IS DONE.
122	16-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	16-11-2018	90 Days	16:00	16:10	BASE BOLT TIGHTNESS IS DONE.
123	13-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	13-11-2018	90 Days	14:35	14:55	BASE BOLT TIGHTNESS checking done.
124	13-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	13-11-2018	90 Days	15:00	15:30	BASE BOLT TIGHTNESS checking done.
125	12-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	12-11-2018	30 Days	01:00	01:30	LUBRICATION WORK IS DONE.

126	12-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	12-11-2018	30 Days	01:30	02:00	LUBRICATION WORK IS DONE.
127	12-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	12-11-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
128	12-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-11-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
129	12-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	12-11-2018	90 Days	14:00	14:30	base bolt tightness done.
130	09-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	09-11-2018	30 Days	01:00	01:15	greasing done.
131	09-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	09-11-2018	30 Days	01:15	01:30	greasing done.
132	09-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	09-11-2018	30 Days	01:30	01:45	greasing done.
133	09-11-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	09-11-2018	30 Days	01:45	02:00	greasing done.
134	09-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	09-11-2018	30 Days	02:00	02:15	greasing done.
135	09-11-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-11-2018	15 Days	02:15	02:45	greasing done.
136	09-11-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-11-2018	15 Days	02:45	03:15	greasing done.
137	09-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	09-11-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
138	09-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	09-11-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
139	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-11-2018	30 Days	14:30	15:00	Lubrication & bolt tightness checked.
140	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-11-2018	30 Days	15:00	15:25	Lubrication & bolt tightness checked.
141	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-11-2018	30 Days	15:25	15:45	Lubrication & bolt tightness checked.
142	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-11-2018	15 Days	15:00	15:10	LUBRICATION IS DONE BY AUTO LUBRICATION SYSTEM. DELIVERY LINE CHECKED & FOUND OK.
143	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-11-2018	15 Days	15:00	15:10	lubrication is done by auto lubrication system.
144	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	08-11-2018	30 Days	22:10	22:25	greasing done.
145	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	08-11-2018	30 Days	22:25	22:40	greasing done.
146	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	08-11-2018	30 Days	22:40	22:55	greasing done.
147	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	08-11-2018	30 Days	22:55	23:10	greasing done.
148	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	08-11-2018	30 Days	23:10	23:25	greasing done.
149	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	08-11-2018	30 Days	23:25	23:40	greasing done.
150	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	08-11-2018	30 Days	23:40	23:55	greasing done.
151	08-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	08-11-2018	15 Days	14:00	14:30	COMPLETED
152	07-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-11-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
153	07-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-11-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
154	07-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	07-11-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
155	07-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	07-11-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
156	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	04-11-2018	15 Days	08:00	08:20	motor-3.7mm/s gearbox-2.3mm/s
157	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	04-11-2018	15 Days	08:20	08:40	motor-3.4mm/s gearbox-2.2mm/s

158	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	04-11-2018	15 Days	08:40	09:00	motor-5.2mm/s gearbox-3.7mm/s
159	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	04-11-2018	15 Days	09:00	09:20	motor-3.8mm/s gearbox-2.8mm/s
160	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-11-2018	30 Days	14:30	15:00	completed
161	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-11-2018	30 Days	15:00	15:30	completed
162	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	04-11-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
163	04-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-11-2018	30 Days	14:00	14:30	completed
164	03-11-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	03-11-2018	15 Days	01:00	01:20	greasing done.
165	03-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	03-11-2018	15 Days	01:20	01:40	greasing done.
166	03-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	03-11-2018	15 Days	01:40	02:00	greasing done.
167	03-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	03-11-2018	15 Days	02:00	02:20	greasing done.
168	03-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	03-11-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
169	03-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	03-11-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
170	03-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	03-11-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
171	02-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	02-11-2018	30 Days	15:30	15:45	greasing done.
172	02-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	02-11-2018	15 Days	15:45	16:00	greasing done.
173	02-11-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	02-11-2018	30 Days	16:00	16:25	tightness checking done.
174	27-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	27-10-2018	15 Days	14:20	14:40	greasing done.
175	27-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	27-10-2018	15 Days	14:40	15:00	greasing done.
176	25-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	25-10-2018	15 Days	01:10	01:45	LUBRICATION WORK DONE.
177	25-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	25-10-2018	15 Days	02:00	02:30	BASE BOLT TIGHTNESS DONE.
178	25-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	25-10-2018	15 Days	03:00	03:30	LUBRICATION WORK IS DONE.
179	24-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
180	24-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	24-10-2018	15 Days	01:00	01:30	lubrication work is done.
181	24-10-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-10-2018	15 Days	01:30	02:10	lubrication work is done.
182	24-10-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-10-2018	15 Days	02:15	02:55	lubrication work is done.
183	23-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-10-2018	15 Days	01:01	23:59	Auto lubrication system installed.
184	23-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	23-10-2018	15 Days	01:00	23:59	Auto lubrication system installed.
185	23-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	23-10-2018	15 Days	01:00	23:59	Auto lubrication system installed.
186	23-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	23-10-2018	15 Days	01:00	23:59	Auto lubrication system installed.
187	20-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-10-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
188	20-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-10-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
189	20-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	20-10-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.

190	20-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	20-10-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
191	19-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	19-10-2018	15 Days	09:30	10:30	lubrication done.
192	18-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	18-10-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
193	18-10-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	18-10-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
194	18-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	18-10-2018	15 Days	01:00	01:45	lubrication wirk is done.
195	18-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	18-10-2018	15 Days	01:50	02:30	lubrication work is done.
196	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	15-10-2018	15 Days	10:00	10:30	MOTOR-2.6MM/S GEAR BOX-2.3MM/S
197	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	15-10-2018	15 Days	10:30	11:00	MOTOR-3.6MM/S GEAR BOX-3.2MM/S
198	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	15-10-2018	15 Days	11:00	11:30	MOTOR-5.4MM/S GERABOX-3.7MM/S
199	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	15-10-2018	15 Days	11:30	12:00	MOTOR-4.2MM/S GERABOX-3.3MM/S
200	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	15-10-2018	15 Days	10:00	10:20	MOTOR-3.9MM/S GEARBOX-2.3MM/S
201	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	15-10-2018	15 Days	10:20	10:40	MOTOR-3.6MM/S GEARBOX-3.4MM/S
202	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	15-10-2018	15 Days	10:40	11:00	MOTOR-5.4MM/S GEARBOX-3.7MM/S
203	15-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	15-10-2018	15 Days	11:00	11:20	MOTOR-4.2MM/S GEARBOX-2.6MM/S
204	12-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	12-10-2018	30 Days	18:00	19:00	completed
205	12-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	12-10-2018	30 Days	18:00	19:00	completed
206	11-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	11-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
207	11-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	11-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
208	11-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	11-10-2018	15 Days	12:10	12:30	GEAR BOX-1.7MM/S MOTOR-1.9MM/S
209	10-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	10-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
210	10-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	10-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
211	10-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	10-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
212	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	09-10-2018	30 Days	14:00	14:10	greasing done.
213	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	09-10-2018	30 Days	14:10	14:20	greasing done.
214	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	09-10-2018	30 Days	14:20	14:30	greasing done.
215	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	09-10-2018	30 Days	14:30	14:40	greasing done.
216	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	09-10-2018	30 Days	14:40	14:50	greasing done.
217	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	09-10-2018	30 Days	14:50	15:00	greasing done.
218	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	09-10-2018	30 Days	15:00	15:10	greasing done.
219	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	09-10-2018	30 Days	15:10	15:20	greasing done.
220	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	09-10-2018	30 Days	15:20	15:30	greasing done.
221	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	09-10-2018	30 Days	15:30	15:40	greasing done.

222	09-10-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	09-10-2018	30 Days	15:40	15:50	greasing done.
223	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	09-10-2018	30 Days	15:50	16:00	greasing done.
224	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	09-10-2018	15 Days	11:00	11:20	gear box-1.9mm/s motor-2.15mm/s
225	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	09-10-2018	15 Days	11:20	11:40	GEAR BOX-1.8MM/S MOTOR- 2.1MM/S
226	09-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	09-10-2018	15 Days	11:40	12:00	GEAR BOX-1.7MM/S MOTOR-2.3MM/S
227	09-10-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-10-2018	15 Days	14:00	15:00	lubrication completed
228	09-10-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-10-2018	15 Days	15:00	15:30	lubrication completed
229	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-10-2018	30 Days	14:32	15:00	bolt tightness checkino work is done.
230	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-10-2018	30 Days	15:00	15:30	bolt tightness checkino work is done.
231	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-10-2018	30 Days	15:30	15:55	bolt tightness checkino work is done.
232	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	08-10-2018	15 Days	07:30	08:15	lubrication work is done.
233	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	08-10-2018	15 Days	08:20	08:45	lubrication work is done.
234	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-10-2018	15 Days	22:15	22:45	lubrication work is done.
235	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	08-10-2018	15 Days	22:50	23:15	lubrication work is done.
236	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-10-2018	15 Days	15:00	15:30	lubrication work is done.
237	08-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-10-2018	15 Days	02:00	02:30	lubrication work is done.
238	06-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	06-10-2018	30 Days	15:10	15:25	Lubrication work completed.
239	05-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	05-10-2018	30 Days	14:40	14:55	Lubrication work completed.
240	05-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	05-10-2018	30 Days	14:55	15:10	Lubrication work completed.
241	05-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	05-10-2018	15 Days	00:00	22:00	Auto lubrication pump(continiously).[per hour 04 min running]
242	04-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	04-10-2018	15 Days	00:00	22:00	Auto lubrication pump(continiously).[per hour 04 min running]
243	04-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	04-10-2018	15 Days	00:00	22:00	Auto lubrication pump(continiously).[per hour 04 min running]
244	04-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	04-10-2018	15 Days	00:00	22:00	Auto lubrication pump(continiously).[per hour 04 min running]
245	04-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	04-10-2018	15 Days	00:00	22:00	Auto lubrication pump(continiously).[per hour 04 min running]
246	03-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	03-10-2018	30 Days	14:15	14:30	Lubrication work completed.
247	03-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	03-10-2018	15 Days	00:00	22:00	Auto lubrication pump(continiously).[per hour 04 min running]
248	03-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	03-10-2018	15 Days	00:00	22:00	Auto lubrication pump(continiously).[per hour 04 min running]
249	03-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-10-2018	30 Days	15:00	15:30	bolt tightness checking work completed.
250	02-10-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	02-10-2018	15 Days	07:00	07:20	work is completed.
251	02-10-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	02-10-2018	15 Days	07:30	07:55	work is completed.
252	25-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	25-09-2018	15 Days	11:00	11:30	Motor : 2.0mm/s Gear box: 2.8mm/s
253	25-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	25-09-2018	15 Days	11:30	12:00	Motor : 3.9mm/s Gear box: 2.4mm/s

254	25-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	25-09-2018	15 Days	12:00	12:30	Motor : 4.9mm/s Gear box: 2.7mm/s
255	24-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	24-09-2018	15 Days	05:00	05:30	lubrication work is done.
256	24-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-09-2018	15 Days	01:00	01:30	lubrication work is done.
257	24-09-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-09-2018	15 Days	01:35	02:10	lubrication work is done.
258	24-09-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-09-2018	15 Days	02:15	02:45	lubrication work is done.
259	24-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	24-09-2018	15 Days	03:00	03:25	lubrication work is done.
260	24-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-09-2018	15 Days	03:30	04:00	lubrication work is done.
261	24-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	24-09-2018	15 Days	04:10	04:35	lubrication work is done.
262	23-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	23-09-2018	15 Days	11:30	12:00	gearbox -3 vibration H-2.4 MM/S,V-2.0MM/S.
263	23-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	23-09-2018	15 Days	06:40	07:00	greasing done.
264	22-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	22-09-2018	15 Days	01:40	02:00	greasing done.
265	22-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	22-09-2018	15 Days	02:00	02:15	greasing done.
266	22-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	22-09-2018	15 Days	02:15	02:30	greasing done.
267	22-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-09-2018	15 Days	02:30	02:45	greasing done.
268	22-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	22-09-2018	15 Days	02:45	03:00	greasing done.
269	21-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-09-2018	15 Days	14:30	15:00	Greasing work done
270	20-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	20-09-2018	15 Days	12:00	12:20	WORK IS COMPLETED.
271	20-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-09-2018	15 Days	12:25	12:50	WORK IS COMPLETED.
272	20-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-09-2018	15 Days	12:55	13:15	WORK IS COMPLETED.
273	20-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-09-2018	15 Days	13:20	13:35	WORK IS COMPLETED.
274	20-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	20-09-2018	15 Days	13:45	14:00	WORK IS COMPLETED.
275	20-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	20-09-2018	15 Days	14:00	14:15	WORK IS COMPLETED.
276	17-09-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	17-09-2018	15 Days	22:30	23:00	LUBRICATION WORK DONE
277	17-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	17-09-2018	15 Days	23:00	23:40	LUBRICATION WORK DONE
278	12-09-2018	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	12-09-2018	90 Days	01:00	01:30	tightness checking done.
279	12-09-2018	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	12-09-2018	90 Days	01:30	02:00	tightness checking done.
280	11-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	11-09-2018	30 Days	16:00	16:25	WORK IS COMPLETED.
281	11-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	11-09-2018	30 Days	16:30	16:50	WORK IS COMPLETED.
282	10-09-2018	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	10-09-2018	90 Days	03:00	03:30	base bolt tightness checking done.
283	10-09-2018	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	10-09-2018	90 Days	03:35	04:00	base bolt tightness checking ig done.
284	10-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	10-09-2018	15 Days	10:30	10:45	Motor : 2.0mm/s Gear box: 2.8mm/s
285	10-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	10-09-2018	15 Days	10:45	11:00	Motor : 3.9mm/s Gear box: 2.4mm/s

286	10-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	10-09-2018	15 Days	11:00	11:15	Motor : 4.9mm/s Gear box: 2.7mm/s
287	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	09-09-2018	15 Days	10:00	10:30	lubrication workis completed.
288	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	09-09-2018	30 Days	14:20	14:30	LUBRICATION WORK IS DONE
289	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	09-09-2018	30 Days	15:00	15:10	LUBRICATION WORK IS DONE
290	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	09-09-2018	30 Days	15:10	15:20	LUBRICATION WORK IS DONE
291	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	09-09-2018	30 Days	15:20	15:30	LUBRICATION WORK IS DONE
292	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	09-09-2018	30 Days	15:30	15:45	LUBRICATION WORK IS DONE
293	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	09-09-2018	30 Days	15:45	16:00	LUBRICATION WORK IS DONE
294	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	09-09-2018	30 Days	16:00	16:15	LUBRICATION WORK IS DONE
295	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	09-09-2018	30 Days	16:20	16:30	LUBRICATION WORK IS DONE
296	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	09-09-2018	30 Days	16:30	16:40	LUBRICATION WORK IS DONE
297	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	09-09-2018	30 Days	16:50	17:00	LUBRICATION WORK IS DONE
298	09-09-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	09-09-2018	30 Days	17:00	17:10	LUBRICATION WORK IS DONE
299	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	09-09-2018	30 Days	17:25	17:40	LUBRICATION WORK IS DONE
300	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	09-09-2018	15 Days	17:45	18:15	LUBRICATION WORK IS DONE
301	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	09-09-2018	15 Days	20:10	20:20	TIGHTNESS CHECK WORK IS DONE
302	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	09-09-2018	15 Days	17:40	18:09	lubrication work is done.
303	09-09-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-09-2018	15 Days	17:40	18:05	lubrication work is done.
304	09-09-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-09-2018	15 Days	16:30	17:00	lubrication work is done.
305	09-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	09-09-2018	15 Days	19:30	19:55	lubrication work is done.
306	08-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-09-2018	15 Days	14:40	15:00	LUBRICATION WORK IS DONE
307	07-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-09-2018	30 Days	09:00	09:20	tightness checking done.
308	07-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-09-2018	30 Days	09:20	09:40	tightness checking done.
309	07-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-09-2018	30 Days	09:40	10:00	tightness checking done.
310	07-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-09-2018	15 Days	10:00	10:15	greasing done.
311	07-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-09-2018	15 Days	10:15	10:30	greasing done.
312	07-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	07-09-2018	15 Days	10:15	10:30	Motor : 5.0mm/s Gear box: 2.3mm/s
313	06-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	06-09-2018	15 Days	04:00	04:30	lubrication work is done.
314	06-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-09-2018	15 Days	04:30	05:00	lubrication work is done
315	06-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	06-09-2018	15 Days	06:00	06:30	lubrication work is done.
316	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-09-2018	30 Days	10:35	11:00	BOLT TIGHTNESS CHECKING DONE.
317	05-09-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	05-09-2018	180 Days	03:15	03:40	base bolt tightness checking work is done.

318	05-09-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	05-09-2018	180 Days	03:45	04:10	base bolt tightness checking work is done.
319	05-09-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	05-09-2018	180 Days	04:15	04:30	base bolt tightness checking work is done.
320	05-09-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	05-09-2018	180 Days	04:35	04:50	base bolt tightness checking work is done.
321	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	05-09-2018	90 Days	10:00	11:30	checking work is done.
322	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	05-09-2018	90 Days	11:30	12:20	bolt tightness checking work is done.
323	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	05-09-2018	15 Days	00:30	01:10	lubrication work is done.
324	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	05-09-2018	15 Days	01:15	01:35	lubrication work is done.
325	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	05-09-2018	15 Days	01:45	02:15	lubrication work is done,
326	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	05-09-2018	15 Days	02:50	03:20	lubrication work is done.
327	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-09-2018	15 Days	03:20	03:40	lubrication work is done.
328	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-09-2018	15 Days	03:45	04:10	lubrication work is done.
329	05-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	05-09-2018	15 Days	04:15	04:35	lubrication work is done.
330	04-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-09-2018	90 Days	20:05	20:45	TIGHTNESS CHECK WORK IS DONE
331	04-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-09-2018	90 Days	20:50	21:15	TIGHTNESS CHECK WORK IS DONE
332	04-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-09-2018	30 Days	10:30	10:50	LUBRICATION WORK IS DONE
333	04-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-09-2018	30 Days	11:00	11:25	LUBRICATION WORK IS DONE
334	04-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-09-2018	30 Days	11:30	12:00	LUBRICATION WORK IS DONE
335	04-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-09-2018	30 Days	12:10	12:35	LUBRICATION WORK IS DONE
336	02-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	03:00	03:20	WORK IS COMPLETED.
337	02-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	03:00	03:20	WORK IS COMPLETED.
338	02-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	03:20	03:45	WORK IS COMPLETED.
339	02-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	03:20	03:50	WORK IS COMPLETED.
340	02-09-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	03:50	04:15	WORK IS COMPLETED.
341	02-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	03:40	04:00	WORK IS COMPLETED.
342	02-09-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	04:30	04:50	WORK IS COMPLETED.
343	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	31-08-2018	15 Days	21:00	21:30	LUBRICATION WORK IS DONE
344	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	31-08-2018	15 Days	21:35	22:05	LUBRICATION WORK IS DONE
345	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	22:30	22:40	TIGHTNESS CHECK WORK IS DONE
346	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	22:45	22:55	TIGHTNESS CHECK WORK IS DONE
347	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	23:00	23:10	TIGHTNES CHECK WORK IS DONE
348	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	23:10	23:20	TIGHTNES CHECK WORK IS DONE
349	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	23:30	23:40	TIGHTNES CHECK WORK IS DONE

350	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	23:45	23:55	TIGHTNES CHECK WORK IS DONE
351	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	24:00:00	24:15:00	TIGHTNES CHECK WORK IS DONE
352	31-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	31-08-2018	90 Days	24:20:00	24:30:00	TIGHTNES CHECK WORK IS DONE
353	26-08-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	26-08-2018	90 Days	18:00	18:40	tightness checking done.
354	26-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	26-08-2018	90 Days	18:40	19:20	tightness checking done.
355	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-08-2018	15 Days	06:20	06:35	LUBRICATION WORK COMPLETED
356	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	22-08-2018	15 Days	06:35	06:50	LUBRICATION WORK COMPLETED
357	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	22-08-2018	15 Days	06:50	07:05	LUBRICATION WORK COMPLETED
358	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	22-08-2018	15 Days	07:10	07:20	LUBRICATION WORK COMPLETED
359	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	22-08-2018	15 Days	07:20	07:35	LUBRICATION WORK COMPLETED
360	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	22-08-2018	15 Days	2.3	03:00	LUBRICATION WORK IS DONE.
361	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	22-08-2018	15 Days	03:15	03:45	LUBRICATION WORK IS DONE.
362	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-08-2018	15 Days	03:45	04:30	LUBRICATION WIRK IS DONE.
363	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	22-08-2018	15 Days	435	04:55	LUBRICATION WORK IS DONE.
364	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-08-2018	15 Days	04:10	04:35	LUBRICATION WORK IS DONE.
365	22-08-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-08-2018	15 Days	04:30	05:00	LUBRICATION WORK IS DONE.
366	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	22-08-2018	15 Days	05:00	05:15	LUBRICATION WORK IS. DONE
367	22-08-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	22-08-2018	15 Days	14:50	15:15	LUBRICATION WORK IS DONE
368	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	22-08-2018	15 Days	11:00	12:00	gearbox-1.9mm/s motor-2.9mm/s
369	22-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	22-08-2018	15 Days	12:00	13:00	gearbox-2.3mm/s motor-3.3mm/s
370	21-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	21-08-2018	15 Days	07:00	07:30	LUBRICATION WORK IS DONE.
371	21-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	21-08-2018	15 Days	07:45	08:30	LUBRICATION WORK IS DONE.
372	21-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-08-2018	15 Days	08:45	09:15	LUBRICATION WORK IS DONE.
373	21-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-08-2018	15 Days	09:30	09:55	LUBRICATION WORK IS DONE.
374	21-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-08-2018	15 Days	09:50	10:25	LUBRICATION WORK IS DONE.
375	21-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	21-08-2018	15 Days	10:20	10:45	LUBRICATION WORK IS DONE.
376	21-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-08-2018	15 Days	14:25	14:50	LUBRICATION WORK IS DONE
377	20-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	20-08-2018	15 Days	10:00	11:00	gearbox-1.9mm/s motor-2.3mm/s
378	18-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-08-2018	15 Days	07:00	07:10	base bolt tightness work is completed.
379	18-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	18-08-2018	15 Days	07:15	07:25	lubrication work is completed.
380	18-08-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	18-08-2018	15 Days	07:30	07:40	lubrication work is completed.
381	18-08-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	18-08-2018	15 Days	07:40	07:50	lubrication work is completed.

382	18-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-08-2018	15 Days	07:50	08:00	base bolt tightness work is completed.
383	18-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	18-08-2018	15 Days	07:15	07:30	lubrication work is completed.
384	15-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	15-08-2018	15 Days	12:00	12:00	Auto lubrication system installed.
385	15-08-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-08-2018	15 Days	12:00	12:00	Auto lubrication system installed.
386	15-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	15-08-2018	90 Days	06:30	07:00	tightness checking done.
387	15-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	15-08-2018	90 Days	07:00	07:30	tightness checking done.
388	15-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	15-08-2018	90 Days	07:30	08:00	tightness checking done.
389	12-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	12-08-2018	30 Days	00:30	01:00	Lubrication work is done.
390	12-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	12-08-2018	30 Days	01:15	01:45	Lubrication work is done.
391	10-08-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	10-08-2018	30 Days	00:00	24:00:00	lubricated by auto lubrication cartiege.
392	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	10-08-2018	30 Days	00:00	24:00:00	lubricated by auto lubrication cartiege.
393	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	10-08-2018	30 Days	00:00	24:00:00	lubricated by auto lubrication cartiege.
394	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	10-08-2018	30 Days	00:00	24:00:00	lubricated by auto lubrication cartiege.
395	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	10-08-2018	30 Days	07:00	07:20	completed
396	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	10-08-2018	30 Days	07:40	08:00	completed
397	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	10-08-2018	30 Days	08:00	08:20	completed
398	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	10-08-2018	30 Days	08:20	08:40	completed
399	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	10-08-2018	30 Days	08:40	09:00	completed
400	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	10-08-2018	30 Days	09:00	09:20	completed
401	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	10-08-2018	30 Days	09:30	09:50	completed
402	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	10-08-2018	15 Days	16:00	16:30	gearbox-2.3mm/s. motor-3.5mm/s.
403	10-08-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	10-08-2018	30 Days	00:00	24:00:00	lubricated by auto lubrication cartiege.
404	07-08-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-08-2018	15 Days	22:15	22:45	greasing work completed.
405	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	07-08-2018	15 Days	22:45	23:15	greasing work completed.
406	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	07-08-2018	15 Days	23:15	23:40	greasing work completed.
407	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	07-08-2018	15 Days	00:15	00:45	greasing work completed.
408	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	07-08-2018	15 Days	12:00	12:00	Auto lubrication system installed.
409	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-08-2018	15 Days	12:00	12:00	Auto lubrication system installed.
410	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-08-2018	15 Days	12:00	12:00	Auto lubrication system installed.
411	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	07-08-2018	15 Days	12:00	12:00	Auto lubrication system installed.
412	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	07-08-2018	15 Days	12:00	12:00	Auto lubrication system installed.
413	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	07-08-2018	15 Days	14:00	14:30	greasing done.

414	07-08-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-08-2018	15 Days	14:30	15:00	greasing done.
415	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	07-08-2018	15 Days	15:00	15:30	greasing done.
416	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	07-08-2018	15 Days	15:30	16:00	greasing done.
417	07-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	07-08-2018	15 Days	16:00	16:30	greasing done.
418	06-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-08-2018	15 Days	22:00	22:30	GREASING WORK DONE
419	06-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-08-2018	15 Days	22:30	22:50	Greasing work done
420	06-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	06-08-2018	15 Days	22:50	23:15	Greasing work done
421	06-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	06-08-2018	15 Days	23:15	23:50	Greasing work done
422	05-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-08-2018	30 Days	17:20	17:40	tightness checking done.
423	05-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-08-2018	15 Days	16:00	16:30	greasing done.
424	04-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	04-08-2018	15 Days	12:00	12:00	auto lubrication system installed.
425	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	03-08-2018	30 Days	04:00	04:15	greasing done.
426	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	03-08-2018	30 Days	04:15	04:30	greasing done.
427	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	03-08-2018	30 Days	04:30	04:45	greasing done.
428	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	03-08-2018	30 Days	04:45	05:00	greasing done.
429	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-08-2018	30 Days	04:00	04:15	tightness checking done.
430	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-08-2018	30 Days	04:30	04:45	tightness checking done.
431	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-08-2018	30 Days	04:45	05:00	tightness checking done.
432	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	03-08-2018	15 Days	11:00	11:30	gearbox-1.9mm/s motor-2.9mm/s
433	03-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	03-08-2018	15 Days	11:30	12:00	gearbox-2.3mm/s motor-3.3mm/s
434	02-08-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	02-08-2018	15 Days	11:30	12:00	gearbox-2.4mm/s motor-3.1mm/s
435	30-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	30-07-2018	15 Days	12:00	12:00	auto lubrication system installed.
436	30-07-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-07-2018	15 Days	12:00	12:00	auto lubrication system installed.
437	25-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	25-07-2018	15 Days	17:00	17:20	motor-4.5mm/s gearbox-2.8mm/s
438	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-07-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
439	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	23-07-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
440	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	23-07-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
441	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	23-07-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
442	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	23-07-2018	15 Days	12:00	12:00	auto lubrication system installed.
443	23-07-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-07-2018	15 Days	15:00	15:30	greasing done.
444	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	23-07-2018	15 Days	15:30	16:00	greasing done.
445	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	23-07-2018	15 Days	16:00	16:30	greasing done.

446	23-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	23-07-2018	15 Days	16:30	17:00	greasing done.
447	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-07-2018	15 Days	14:30	15:00	greasing done.
448	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	22-07-2018	15 Days	15:00	15:30	greasing done.
449	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-07-2018	15 Days	15:30	16:00	greasing done.
450	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	22-07-2018	15 Days	16:00	16:30	greasing done.
451	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-07-2018	15 Days	16:30	17:00	greasing done.
452	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	22-07-2018	15 Days	17:00	17:30	greasing done.
453	22-07-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-07-2018	15 Days	07:30	08:20	LUBRICATION WORK COMPLETED
454	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-07-2018	15 Days	08:30	09:10	LUBRICATION WORK COMPLETED
455	22-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	22-07-2018	15 Days	07:30	08:10	LUBRICATION WORK COMPLETED
456	21-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	21-07-2018	15 Days	07:00	07:30	COMPLETED
457	20-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-07-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
458	20-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	20-07-2018	15 Days	11:30	12:00	gearbox-1.9mm/s motor-2.9mm/s
459	20-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	20-07-2018	15 Days	13:00	13:30	gearbox-2.3mm/s motor-3.3mm/s
460	19-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	19-07-2018	15 Days	11:00	11:30	gearbox-2.4mm/s motor-3.1mm/s
461	15-07-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-07-2018	15 Days	06:30	07:00	greasing done.
462	15-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	15-07-2018	15 Days	07:00	07:30	greasing done.
463	13-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	13-07-2018	30 Days	01:00	01:30	greasing done.
464	13-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	13-07-2018	30 Days	01:30	02:00	greasing done.
465	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	11-07-2018	30 Days	14:15	14:30	greasing done.
466	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	11-07-2018	30 Days	14:30	14:40	greasing done.
467	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	11-07-2018	30 Days	14:40	14:50	greasing done.
468	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	11-07-2018	30 Days	14:50	15:00	greasing done.
469	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	11-07-2018	30 Days	15:00	15:10	greasing done.
470	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	11-07-2018	30 Days	15:10	15:20	greasing done.
471	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	11-07-2018	30 Days	15:20	15:30	greasing done.
472	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	11-07-2018	30 Days	15:30	15:40	greasing done.
473	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	11-07-2018	30 Days	15:40	15:50	greasing done.
474	11-07-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	11-07-2018	30 Days	15:50	16:00	greasing done.
475	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	11-07-2018	30 Days	16:20	16:30	greasing done.
476	11-07-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	11-07-2018	30 Days	16:30	16:40	greasing done.
477	10-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	10-07-2018	15 Days	10:20	10:40	motor-4.5mm/s gearbox-2.8mm/s

478	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-07-2018	15 Days	06:15	06:45	lubrication work completed
479	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-07-2018	15 Days	07:00	07:30	lubrication work completed
480	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	08-07-2018	15 Days	08:30	09:00	lubrication work completed
481	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	08-07-2018	15 Days	09:00	09:30	lubrication work completed
482	08-07-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-07-2018	15 Days	09:30	10:00	lubrication work completed
483	08-07-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-07-2018	15 Days	10:00	10:15	lubrication work completed by auto lubrication pump.
484	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	08-07-2018	15 Days	07:30	07:45	lubrication work completed
485	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-07-2018	15 Days	07:45	08:10	lubrication work completed
486	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	08-07-2018	15 Days	19:50	20:00	tightness checking done.
487	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-07-2018	15 Days	11:00	11:15	greasing by auto lubrication pump
488	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	08-07-2018	15 Days	11:30	11:45	greasing by auto lubrication pump
489	08-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	08-07-2018	15 Days	11:45	12:00	greasing by auto lubrication pump
490	07-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-07-2018	15 Days	06:15	06:30	lubrication work done
491	07-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	07-07-2018	15 Days	06:40	07:00	lubrication work done
492	07-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	07-07-2018	15 Days	07:00	07:30	lubrication work done
493	07-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	07-07-2018	15 Days	07:30	08:00	lubrication work done
494	07-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	07-07-2018	15 Days	08:00	08:30	lubrication work done
495	07-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	07-07-2018	15 Days	08:30	09:00	lubrication work done
496	06-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	06-07-2018	30 Days	09:00	09:30	tightness checking done.
497	06-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-07-2018	15 Days	14:00	14:40	VIBRATION IS NORMAL BOTH IN AXIAL AND RADIAL DIRECTION OF DRIVE ASSEMBLEY -3
498	05-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-07-2018	15 Days	06:30	07:00	LUBRICATION WORK DONE
499	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-07-2018	30 Days	06:30	07:00	LUBRICATION WORK IS COMPLETED
500	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-07-2018	30 Days	07:00	08:00	LUBRICATION WORK IS COMPLETED
501	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-07-2018	30 Days	08:00	09:00	LUBRICATION WORK IS COMPLETED
502	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-07-2018	30 Days	09:00	09:40	lubrication work completed
503	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-07-2018	30 Days	10:00	10:40	lubrication work completed
504	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-07-2018	30 Days	10:40	11:00	lubrication work completed
505	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-07-2018	30 Days	11:30	12:00	bolt tightness work completed
506	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	04-07-2018	15 Days	12:00	13:00	vibration checking of(gear box and motor)-1 are normal both in axial and radial direction.
507	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	04-07-2018	15 Days	13:30	14:10	VIBRATION IS NORMAL BOTH IN AXIAL AND RADIAL DIRECTION OF DRIVE ASSEMBLEY -2
508	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	04-07-2018	15 Days	14:45	15:15	VIBRATION IS NORMAL BOTH BIN AXIAL AND RADIAL DIRECTION OF DRIVE ASSEMBLEY 4
509	04-07-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	04-07-2018	15 Days	16:00	17:00	LUBRICATION WORK DONE

510	30-06-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-06-2018	15 Days	12:00	12:00	auto lubrication system installed.
511	30-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	30-06-2018	15 Days	12:00	12:00	auto lubrication system installed.
512	24-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	24-06-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
513	24-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	24-06-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
514	24-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-06-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
515	23-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
516	23-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
517	23-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
518	23-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	23-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
519	23-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	23-06-2018	15 Days	01:00	01:20	GREASING DONE.
520	23-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	23-06-2018	15 Days	01:20	01:40	GREASING DONE.
521	23-06-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-06-2018	15 Days	01:40	02:00	GREASING DONE.
522	23-06-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-06-2018	15 Days	02:00	02:20	GREASING DONE.
523	23-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	23-06-2018	15 Days	02:20	02:40	TIGHTNESS CHECKING DONE.
524	22-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-06-2018	15 Days	22:00	22:20	GREASING DONE.
525	22-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	22-06-2018	15 Days	22:20	22:40	GREASING DONE.
526	22-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-06-2018	15 Days	22:40	23:00	GREASING DONE.
527	22-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	22-06-2018	15 Days	23:00	23:20	GREASING DONE.
528	22-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-06-2018	15 Days	23:20	23:40	GREASING DONE.
529	22-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	22-06-2018	15 Days	23:40	24:00:00	GREASING DONE.
530	20-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	20-06-2018	15 Days	07:30	08:00	lubrication done.
531	20-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-06-2018	15 Days	08:00	08:45	lubrication done.
532	19-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	19-06-2018	15 Days	10:00	10:30	vibration cheked by ekmey engg. h-2.1,v-2.0
533	19-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	19-06-2018	15 Days	10:30	11:00	vibration cheked by ekmey engg. h-1.9,v-2.1
534	19-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	19-06-2018	15 Days	12:00	12:30	vibration cheked by ekmey engg. h-2.2,v-1.9
535	19-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	19-06-2018	15 Days	12:30	13:00	vibration cheked by ekmey engg. h-2.2,v-2.1
536	15-06-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
537	15-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	15-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
538	14-06-2018	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	14-06-2018	90 Days	08:00	09:00	TIGHTNESS CHECKING DONE.
539	13-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	13-06-2018	30 Days	08:00	08:30	Lubrication work is completed.
540	13-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	13-06-2018	30 Days	08:55	09:20	Lubrication work is completed.
541	13-06-2018	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	13-06-2018	90 Days	07:30	07:50	Tightness checked & found ok.

542	12-06-2018	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	12-06-2018	90 Days	01:00	01:15	tightness checking done.
543	12-06-2018	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	12-06-2018	90 Days	01:15	01:30	tightness checking done.
544	11-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	11-06-2018	30 Days	08:00	08:20	completed
545	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	10-06-2018	30 Days	07:30	07:40	completed
546	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	10-06-2018	30 Days	07:40	07:50	completed
547	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	10-06-2018	30 Days	07:40	07:50	completed
548	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	10-06-2018	30 Days	00:00	24:00:00	lubricated by lubrication cartiege
549	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	10-06-2018	30 Days	00:00	24:00:00	lubricated by lubrication cartiege.
550	10-06-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	10-06-2018	30 Days	00:00	24:00:00	lubricated by lubrication cartiege.
551	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	10-06-2018	30 Days	00:00	24:00:00	lubricated by lubrication cartiege.
552	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	10-06-2018	30 Days	08:00	08:20	completed
553	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	10-06-2018	30 Days	08:20	08:40	completed
554	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	10-06-2018	30 Days	08:40	08:50	completed
555	10-06-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	10-06-2018	30 Days	09:10	09:20	completed
556	09-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	09-06-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
557	09-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	09-06-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
558	09-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	09-06-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
559	08-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	08-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
560	08-06-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-06-2018	15 Days	03:40	04:00	GREASING WORK COMPLETED.
561	08-06-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-06-2018	15 Days	04:00	04:30	GREASING WORK COMPLETED.
562	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	07-06-2018	15 Days	11:40	12:00	checked and found normal gear box max-3.3mm/s motor max-4.5mm/s
563	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	07-06-2018	15 Days	12:00	12:20	checked and found normal gear box max-2.7mm/s motor max-2.6mm/s
564	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	07-06-2018	15 Days	14:00	14:30	GREASING DONE.
565	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	07-06-2018	15 Days	14:30	15:00	GREASING DONE.
566	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	07-06-2018	15 Days	15:00	15:30	GREASING DONE.
567	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-06-2018	15 Days	15:30	16:00	GREASING DONE.
568	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
569	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
570	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	07-06-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
571	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	07-06-2018	15 Days	03:30	04:00	GREASING DONE.
572	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	07-06-2018	15 Days	04:00	04:30	GREASING DONE.
573	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	07-06-2018	15 Days	04:30	05:00	GREASING DONE.

574	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	07-06-2018	15 Days	05:00	05:30	GREASING DONE.
575	07-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	07-06-2018	15 Days	05:30	05:55	TIGHTNESS CHECKING DONE.
576	05-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	05-06-2018	15 Days	12:00	12:00	Auto lubrication system installed.
577	05-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	05-06-2018	15 Days	11:00	11:20	Checked and found normal Motor max-3.2mm/s gear box max-2.8mm/s
578	05-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	05-06-2018	15 Days	11:20	11:40	checked and found normal gear box max-2.9mm/s motor max-2.3mm/s
579	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	08:00	08:30	checking done.
580	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	08:30	09:00	checking done.
581	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	09:00	09:30	checking done.
582	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	09:30	10:00	checking done.
583	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-06-2018	30 Days	11:00	11:30	checking done.
584	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-06-2018	30 Days	14:00	14:30	greasing done.
585	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-06-2018	30 Days	14:30	15:00	greasing done.
586	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-06-2018	30 Days	15:00	15:30	greasing done.
587	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-06-2018	30 Days	15:30	16:00	greasing done.
588	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-06-2018	30 Days	16:00	16:30	tightness checking done.
589	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-06-2018	30 Days	16:30	17:00	tightness checking done.
590	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-06-2018	30 Days	17:00	17:30	tightness checking done.
591	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-06-2018	90 Days	19:00	19:30	tightness checking done.
592	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-06-2018	90 Days	19:30	20:00	tightness checking done.
593	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-06-2018	90 Days	20:00	20:30	tightness checking done.
594	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-06-2018	90 Days	09:00	09:30	TIGHTNESS CHECKING.
595	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	09:30	10:00	TIGHTNESS CHECKING.
596	04-06-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	10:00	10:30	TIGHTNESS CHECKING.
597	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	10:30	11:00	TIGHTNESS CHECKING.
598	04-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	04-06-2018	15 Days	09:00	09:20	completed.
599	03-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	03-06-2018	90 Days	04:40	05:00	tightness checking completed
600	03-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	03-06-2018	90 Days	05:00	05:20	tightness checking completed
601	03-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	03-06-2018	90 Days	05:20	05:40	tightness checking completed
602	03-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	03-06-2018	90 Days	05:40	06:00	tightness checking completed
603	02-06-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	02-06-2018	90 Days	10:00	10:20	tightness checking completed
604	02-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	02-06-2018	90 Days	10:20	10:40	tightness checking completed
605	02-06-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	02-06-2018	90 Days	11:00	11:30	Tightness checking completed.

606	31-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	31-05-2018	90 Days	15:40	16:00	work completed.
607	30-05-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-05-2018	15 Days	06:00	06:00	Auto lubrication system installed.
608	30-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	30-05-2018	15 Days	22:20	22:45	lubrication was done by auto lubrication pump and auto lubrication pump pipe checked properly for movement of lubricant inside
609	27-05-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	27-05-2018	90 Days	15:00	15:40	work completed.
610	27-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	27-05-2018	90 Days	16:00	16:20	work is completed.
611	25-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	25-05-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
612	25-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	25-05-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
613	25-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	25-05-2018	15 Days	23:30	24:10:00	GREASING DONE.
614	25-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	25-05-2018	15 Days	01:00	01:30	GREASING DONE.
615	24-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	24-05-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
616	24-05-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-05-2018	15 Days	12:00	12:00	AUTO LUBRICATION SYSTEM INSTALLED.
617	24-05-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-05-2018	15 Days	08:00	08:30	GREASING COMPLETED
618	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	23-05-2018	15 Days	11:50	12:30	LUBRICATION WORK DONE.
619	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-05-2018	15 Days	12:10	12:25	LUBRICATION WORK DONE.
620	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-05-2018	15 Days	12:10	12:30	LUBRICATION WORK DONE.
621	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	23-05-2018	15 Days	12:20	12:45	LUBRICATION WORK DONE.
622	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-05-2018	15 Days	12:25	12:55	LUBRICATION WORK DONE.
623	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	23-05-2018	15 Days	14:20	14:40	greasing done.
624	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	23-05-2018	15 Days	14:40	15:00	greasing done.
625	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	23-05-2018	15 Days	15:00	15:20	greasing done.
626	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	23-05-2018	15 Days	15:20	15:40	greasing done.
627	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	23-05-2018	15 Days	15:40	16:00	greasing done.
628	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	23-05-2018	15 Days	16:00	16:20	greasing done.
629	23-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	23-05-2018	15 Days	16:20	16:40	tightness checking done.
630	20-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	20-05-2018	15 Days	11:00	11:20	Checked and found normal max-1.4mm/s
631	20-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	20-05-2018	15 Days	11:20	11:40	Checked and found normal max-1.1mm/s
632	20-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	20-05-2018	15 Days	11:40	12:00	Checked and found normal motor3 max-4.2mm/s
633	20-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-05-2018	15 Days	00:00	24:00:00	Lubricated by auto lubrication system
634	20-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	20-05-2018	15 Days	10:40	11:00	checked and found ok gearbox max-1.3mm/s motor max -2.8mm/s
635	17-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	17-05-2018	90 Days	04:00	06:00	completed
636	17-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	17-05-2018	90 Days	04:00	06:00	completed
637	16-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	16-05-2018	90 Days	05:00	05:30	tightness checking done.

638	16-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	16-05-2018	15 Days	03:00	03:30	greasing done.
639	15-05-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-05-2018	15 Days	15:00	15:30	GREASING DONE.
640	14-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	14-05-2018	30 Days	10:00	11:00	auto lubrication system installed.
641	14-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	14-05-2018	30 Days	09:00	10:00	auto lubrication system installed.
642	11-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	11-05-2018	30 Days	07:00	07:15	GREASING BY AUTO-LUBRICATION PUMP
643	11-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	11-05-2018	30 Days	07:15	07:30	GREASING BY AUTO-GREASE DISPENSER
644	11-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	11-05-2018	30 Days	07:30	07:45	GREASING BY AUTO-GREASE DISPENSER
645	11-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	11-05-2018	30 Days	07:45	08:00	GREASING BY AUTO-GREASE DISPENSER
646	11-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	11-05-2018	30 Days	08:00	08:15	GREASING BY AUTO-GREASE DISPENSER
647	10-05-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	10-05-2018	15 Days	14:00	14:30	lubrication work completed by auto lubrication system.
648	10-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	10-05-2018	15 Days	15:15	15:30	lubrication work completed by auto lubrication system.
649	10-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-05-2018	15 Days	15:30	15:40	lubrication work completed by auto lubrication sytem.
650	10-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	10-05-2018	15 Days	18:00	18:30	lubrication work completed by auto lubrication system.
651	10-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	10-05-2018	15 Days	23:30	24:00:00	lubrication work completed
652	10-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	10-05-2018	30 Days	22:15	22:30	LUBRICATION WORK COMPLETED
653	09-05-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-05-2018	15 Days	08:00	08:30	lubrication work completed.
654	09-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	09-05-2018	15 Days	09:00	09:30	lubrication work completed by auto lubrication system.
655	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-05-2018	15 Days	18:00	18:20	lubrication work completed.
656	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	08-05-2018	15 Days	18:20	18:40	lubrication work completed.
657	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	08-05-2018	15 Days	19:00	19:30	lubrication work completed.
658	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-05-2018	15 Days	19:30	20:10	lubrication work completed.
659	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-05-2018	15 Days	20:00	20:30	lubrication work completed.
660	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-05-2018	15 Days	20:00	20:30	lubrication work completed.
661	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	08-05-2018	15 Days	20:30	21:00	lubrication work completed.
662	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	08-05-2018	15 Days	21:00	21:30	lubrication work completed.
663	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	08-05-2018	15 Days	21:30	22:00	lubrication work completed
664	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	08-05-2018	15 Days	22:30	23:00	lubrication work completed.
665	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-05-2018	15 Days	23:00	23:30	lubrication work completed
666	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	08-05-2018	15 Days	10:00	10:30	tightness checking done.
667	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	08-05-2018	30 Days	09:00	09:30	greasing done.
668	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	08-05-2018	30 Days	09:30	10:00	greasing done.
669	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	08-05-2018	30 Days	10:00	10:30	greasing done.

670	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	08-05-2018	30 Days	10:30	11:00	greasing done.
671	08-05-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	08-05-2018	30 Days	11:00	11:30	greasing done.
672	08-05-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	08-05-2018	30 Days	11:30	12:00	greasing done.
673	05-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	05-05-2018	15 Days	14:00	14:15	GREASING BY AUTO-LUBRICATION PUMP
674	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-05-2018	30 Days	22:15	22:30	BOLT TIGHTNESS CHECKING COMPLETED
675	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-05-2018	30 Days	22:30	23:00	BOLT TIGHTNESS CHECKING COMPLETED
676	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-05-2018	30 Days	23:00	23:15	BOLT TIGHTNESS CHECKING COMPLETED
677	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-05-2018	30 Days	23:30	23:40	BOLT TIGHTNESS CHECKING COMPLETED
678	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-05-2018	30 Days	22:30	22:45	GREASING COMPLETED
679	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-05-2018	30 Days	22:45	23:00	GREASING COMPLETED
680	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-05-2018	30 Days	22:15	22:30	greasing completed
681	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-05-2018	30 Days	22:30	22:45	greasing completed
682	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	04-05-2018	15 Days	10:00	10:30	MOTOR NDE-V-3.2,MOTOR DE-V-1.8,GB I/P DE-V-1.7,GB-STG-1 D-V-2.8,GB STG-2 DE-H-2.9,GB STG-3 DE-V-0.6 GB O/P DE-H-0.5 GB O/P NDE-H-
683	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	04-05-2018	15 Days	10:30	11:00	MOTOR NDE-H-2.5,MOTOR DE-V-2.3,GB I/P DE-V-2.9,GB-STG-1 D-V-4.3,GB STG-2 DE-H-3.3,GB STG-3 DE-V-0.5 GB O/P DE-H-0.2 GB O/P NDE-V-
684	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	04-05-2018	15 Days	11:00	11:30	MOTOR NDE-H-4.5,MOTOR DE-V-2.9,GB I/P DE-V-2.7,GB-STG-1 D-V-3.0,GB STG-2 DE-V-3.3,GB STG-3 DE-V-0.7 GB O/P DE-V-0.4 GB O/P NDE-V-
685	04-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	04-05-2018	15 Days	11:30	12:00	MOTOR NDE-V-2.6,MOTOR DE-H-1.8,GB I/P DE-V-3.2,GB-STG-1 D-V-2.5,GB STG-2 DE-H-3.9,GB STG-3 DE-V-0.7 GB O/P DE-V-0.2 GB O/P NDE-H-
686	01-05-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	01-05-2018	15 Days	22:30	23:00	LUBRICATION WORK COMPLETED.
687	30-04-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-04-2018	15 Days	22:00	22:30	LUBRICATION WORK COMPLETED.
688	24-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	24-04-2018	15 Days	03:30	03:50	lubrication work completed.
689	24-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-04-2018	15 Days	03:50	04:10	lubrication work completed.
690	24-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	24-04-2018	15 Days	23:00	23:20	grease is fill up by auto lubrication pump.
691	24-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	24-04-2018	15 Days	23:30	23:40	grease is fill up by auto lubrication pump.
692	24-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-04-2018	15 Days	01:00	01:30	lubrication work completed.
693	24-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	24-04-2018	15 Days	01:30	02:00	lubrication work completed.
694	24-04-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-04-2018	15 Days	02:00	02:15	grease fill up by auto lubrication pump.
695	24-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-04-2018	15 Days	02:00	02:15	grease fill up by auto lubrication pump.
696	23-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-04-2018	15 Days	23:00	23:30	grease fill up by auto lubrication pump.
697	23-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	23-04-2018	15 Days	23:30	23:50	grease fill up by auto lubrication pump.
698	23-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-04-2018	15 Days	22:30	22:45	grease fill up by auto lubrication pump.
699	23-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	23-04-2018	15 Days	22:45	23:00	grease fill up by auto lubrication pump.
700	23-04-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-04-2018	15 Days	23:30	23:50	lubrication work completed.
701	20-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	20-04-2018	15 Days	04:30	05:30	greasing work completed.

702	20-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-04-2018	15 Days	10:00	10:15	Greasing is done by central lubrication device.
703	20-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	20-04-2018	15 Days	10:00	11:00	T IJH-C1 A DRIVE -1 ' Normal 11.2 Normal 'g' < 1.0 Moderate 'g' 1.0 - 2.0 Alert 'g' >2.0 " 12.04.18
704	20-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	20-04-2018	15 Days	11:00	11:30	MOTOR NDE-H-2.8,'a' 0.2 V 3.5 & 2.4 MOTOR DE-H-2.3,MOTOR DE-V-2.1,GB I/P DE-A-3.0,GB STG-1 DE-V-3.2,GB STG-2 DE-V-2.5,GB STG-3 DE-V-3.4 GB O/P DE-V-0.5 GB O/P NDE-V-0.4 PULLY
705	20-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	20-04-2018	15 Days	11:30	12:00	MOTOR NDE-H-4.9,MOTOR DE-H-2.6,GB I/P DE-H-2.7,GB STG-1 DE-H-3.6,GB STG-2 DE-V-2.3,GB STG-3 DE-V-3.8 GB O/P DE-V-0.9 GB O/P NDE-V-0.7 PULLY
706	20-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	20-04-2018	15 Days	12:00	12:30	MOTOR NDE-V-3.6,MOTOR DE-H-2.6,GB I/P DE-H-3.0,GB STG-1 DE-V-3.4,GB STG-2 DE-H-2.5,GB STG-3 DE-V-0.7 GB O/P DE-H-0.6 GB O/P NDE-H-0.3 PULLY
707	18-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	18-04-2018	15 Days	04:50	05:30	lubrication done.
708	16-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	16-04-2018	15 Days	16:00	17:00	LUBRICATION WORK IS COMPLETED.
709	16-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	16-04-2018	15 Days	18:00	19:00	LUBRICATION WORK IS COMPLETED.
710	16-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	16-04-2018	15 Days	22:15	22:30	snub pulley is greasing by auto lubrication pump and it is checked by baleswar naik.
711	15-04-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-04-2018	15 Days	10:00	10:30	Greasing is done by auto lubrication system.
712	13-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	13-04-2018	15 Days	15:00	15:30	Checked & found ok.
713	12-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	12-04-2018	15 Days	04:00	04:30	lubrication work completed.
714	09-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	09-04-2018	30 Days	13:25	13:50	lubrication done.
715	09-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	09-04-2018	30 Days	15:45	15:55	Lubrication is done by auto greasing catridge.
716	09-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	09-04-2018	30 Days	17:25	17:45	lubrication done.
717	09-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-04-2018	15 Days	07:30	07:40	Lubrication is done by auto lubrication system.
718	09-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-04-2018	15 Days	07:45	07:50	Lubrication is done by auto lubrication system.
719	09-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	09-04-2018	15 Days	08:00	08:05	Lubrication is done by auto lubrication system.
720	07-04-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-04-2018	15 Days	10:45	11:45	lubrication work completed.
721	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	07-04-2018	15 Days	08:00	09:00	greasing work completed.
722	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	07-04-2018	15 Days	09:00	10:00	lubrication work completed.
723	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	07-04-2018	15 Days	10:45	11:30	lubrication work completed.
724	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	07-04-2018	30 Days	09:30	09:45	Lubrication done.
725	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	07-04-2018	30 Days	10:00	10:15	lubrication done.
726	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	07-04-2018	30 Days	10:30	10:45	lubrication done.
727	07-04-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	07-04-2018	30 Days	13:00	13:20	lubrication done.
728	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	07-04-2018	30 Days	15:30	15:40	Lubrication is done by auto greasing catridge.
729	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	07-04-2018	30 Days	16:30	16:50	lubrication done.
730	07-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	07-04-2018	30 Days	17:00	17:15	lubrication done.
731	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	06-04-2018	30 Days	08:15	08:45	lubrication work completed.
732	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	06-04-2018	30 Days	10:30	11:15	lubrication work completed.
733	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	06-04-2018	15 Days	23:10	23:45	lubrication work completed

734	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	06-04-2018	15 Days	01:15	01:50	lubrication work completed.
735	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	06-04-2018	15 Days	02:00	03:00	lubrication work completed.
736	06-04-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-04-2018	15 Days	10:00	11:00	lubrication work completed
737	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	06-04-2018	30 Days	10:30	10:40	Lubrication is done by auto greasing catridge.
738	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	06-04-2018	30 Days	15:00	15:10	Lubrication is done by auto greasing catridge.
739	06-04-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	06-04-2018	30 Days	16:00	16:05	Lubrication is done by auto greasing catridge.
740	05-04-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	05-04-2018	15 Days	22:30	23:10	lubrication work completed.
741	31-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	31-03-2018	15 Days	17:00	18:00	COMPLETED
742	30-03-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-03-2018	15 Days	07:00	07:45	checked & found ok.
743	30-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	30-03-2018	15 Days	08:00	09:00	checked & found ok.
744	30-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	30-03-2018	15 Days	09:15	10:00	checked & found ok.
745	30-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	30-03-2018	15 Days	10:30	11:20	checked & found ok.
746	30-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	30-03-2018	15 Days	12:00	13:00	checked & found ok.
747	30-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	30-03-2018	15 Days	13:00	14:00	checked & found ok.
748	30-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	30-03-2018	15 Days	10:15	10:50	checked & found ok.
749	28-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	28-03-2018	15 Days	11:00	12:00	checked & found ok.
750	27-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	27-03-2018	15 Days	15:00	16:00	COMPLETED
751	26-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	26-03-2018	30 Days	07:45	08:15	lubrication work completed.
752	26-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	26-03-2018	30 Days	09:00	09:30	work completed
753	26-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	26-03-2018	30 Days	07:00	08:00	lubrication work completed.
754	26-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	26-03-2018	30 Days	09:00	09:30	BOLT TIGHTNESS CHECKING COMPLETED
755	26-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	26-03-2018	30 Days	09:30	10:00	BOLT TIGHTNESS CHECKING COMPLETED
756	25-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	25-03-2018	30 Days	23:00	23:30	GREASING COMPLETED
757	25-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	25-03-2018	30 Days	23:00	23:30	GREASING COMPLETED
758	25-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	25-03-2018	15 Days	22:00	22:30	GREASING BY AUTO-LUBRICATION PUMP
759	25-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	25-03-2018	15 Days	22:00	22:15	GREASING BY AUTO-LUBRICATION PUMP
760	25-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	25-03-2018	15 Days	23:00	23:15	GREASING COMPLETED
761	23-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-03-2018	15 Days	09:00	09:15	GREASING BY AUTO-LUBRICATION PUMP
762	23-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	23-03-2018	15 Days	09:15	09:30	GREASING BY AUTO-LUBRICATION PUMP
763	23-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	23-03-2018	15 Days	09:30	09:45	GREASING BY AUTO-LUBRICATION PUMP
764	22-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-03-2018	15 Days	23:00	24:00:00	lubrication done.
765	22-03-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-03-2018	15 Days	22:00	23:00	lubrication done.

766	21-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	21-03-2018	30 Days	10:00	10:40	checked & found ok.
767	20-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	20-03-2018	15 Days	01:00	01:45	Lubrication completed
768	20-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	20-03-2018	15 Days	01:00	01:45	Lubrication completed
769	20-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	20-03-2018	15 Days	23:00	24:00:00	lubrication done.
770	17-03-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	17-03-2018	15 Days	16:00	17:00	LUBRICATION DONE.
771	16-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	16-03-2018	15 Days	08:50	09:00	GREASING COMPLETED
772	16-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	16-03-2018	15 Days	09:05	09:15	GREASING COMPLETED
773	16-03-2018	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	16-03-2018	90 Days	12:00	12:30	completed
774	16-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	16-03-2018	15 Days	11:30	11:40	GEAR BOX 1--2.0 MM/SEC. MOTOR 1--1.9 MM/SEC
775	16-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	16-03-2018	15 Days	11:40	11:50	GEAR BOX 2--3.7 MM/SEC. MOTOR 2--2.7 MM/SEC
776	16-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	16-03-2018	15 Days	11:50	12:00	GEAR BOX 3--2.6 MM/SEC. MOTOR 3-- 2.0MM/SEC
777	16-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	16-03-2018	15 Days	12:10	12:20	GEAR BOX 4--3.6 MM/SEC. MOTOR 4 --3.2 MM/SEC
778	15-03-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-03-2018	15 Days	08:00	08:20	GREASING COMPLETED
779	15-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	15-03-2018	15 Days	08:25	08:35	GREASING COMPLETED
780	15-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-03-2018	15 Days	08:40	08:50	GREASING COMPLETED
781	15-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	15-03-2018	15 Days	09:15	09:30	GREASING COMPLETED
782	15-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	15-03-2018	15 Days	09:30	09:45	GREASING COMPLETED
783	15-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-03-2018	15 Days	09:45	10:00	GREASING COMPLETED
784	15-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	15-03-2018	15 Days	10:00	10:15	GREASING COMPLETED
785	15-03-2018	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	15-03-2018	90 Days	11:00	11:30	completed
786	14-03-2018	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	14-03-2018	90 Days	14:00	14:30	completed
787	14-03-2018	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	14-03-2018	90 Days	14:30	15:00	completed
788	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	10-03-2018	90 Days	15:00	15:30	completed
789	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	10-03-2018	90 Days	15:00	15:45	Checked & found ok.
790	10-03-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	10-03-2018	90 Days	16:00	16:40	Checked & found ok.
791	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	10-03-2018	90 Days	17:00	17:30	Checked & found ok.
792	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	10-03-2018	30 Days	15:00	15:10	greasing is done by auto greasing catridge.
793	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	10-03-2018	30 Days	16:00	16:20	lubrication done.
794	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	10-03-2018	30 Days	16:20	16:35	lubrication done.
795	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	10-03-2018	15 Days	17:00	17:45	lubrication done.
796	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	10-03-2018	15 Days	19:00	19:30	Checked & found ok.
797	10-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	10-03-2018	15 Days	15:00	15:15	GREASING BY AUTO-LUBRICATION PUMP

798	09-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-03-2018	15 Days	14:00	14:30	lubrication by auto-lubrication pump
799	09-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-03-2018	15 Days	14:30	14:45	lubrication by auto-lubrication pump
800	09-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	09-03-2018	15 Days	15:00	15:15	lubrication by auto-lubrication pump
801	09-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	09-03-2018	15 Days	15:15	15:30	lubrication by auto-lubrication pump
802	09-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	09-03-2018	30 Days	23:15	23:45	greasing completed
803	07-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	07-03-2018	90 Days	22:00	22:30	job completed.
804	07-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	07-03-2018	30 Days	22:30	23:00	LUBRICATION WORK IS COMPLETED.
805	07-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-03-2018	30 Days	22:45	23:15	greasing completed
806	07-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	07-03-2018	30 Days	22:00	22:45	greasing completed
807	07-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	07-03-2018	30 Days	22:45	23:30	greasing completed
808	07-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	07-03-2018	90 Days	14:00	14:30	completed
809	07-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	07-03-2018	90 Days	16:00	16:00	completed
810	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	05-03-2018	90 Days	11:00	11:30	Checked & found ok.
811	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	05-03-2018	90 Days	14:30	14:45	Checked & found ok.
812	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	05-03-2018	90 Days	15:15	15:25	Checked & found ok.
813	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	05-03-2018	90 Days	15:25	15:40	Checked & found ok.
814	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	05-03-2018	30 Days	10:15	10:25	Greasing is done by auto greasing catridge.
815	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	05-03-2018	30 Days	10:25	10:30	Greasing is done by auto greasing catridge.
816	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	05-03-2018	30 Days	10:35	10:40	Greasing is done by auto greasing catridge.
817	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	05-03-2018	30 Days	10:45	10:55	Lubrication done.
818	05-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	05-03-2018	15 Days	23:45	24:30:00	Lubrication done.
819	04-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	04-03-2018	90 Days	14:00	14:30	Checked & found ok.
820	04-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	04-03-2018	90 Days	14:45	15:00	Checked & found ok.
821	04-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	04-03-2018	90 Days	15:00	15:15	Checked & found ok.
822	04-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	04-03-2018	90 Days	16:00	16:25	Checked & found ok.
823	04-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	04-03-2018	90 Days	16:30	16:50	Checked & found ok.
824	04-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	04-03-2018	30 Days	11:10	11:20	Lubrication done.
825	04-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	04-03-2018	15 Days	23:00	23:40	Lubrication done.
826	04-03-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	04-03-2018	180 Days	15:30	15:55	checked & found ok.
827	03-03-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	03-03-2018	90 Days	10:00	10:30	Checked & found ok.
828	03-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	03-03-2018	90 Days	10:30	11:00	Checked & found ok.
829	03-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	03-03-2018	30 Days	10:00	10:10	Greasing is done by auto greasing catridge.

830	03-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	03-03-2018	30 Days	10:55	11:05	Lubrication done.
831	03-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	03-03-2018	30 Days	11:20	11:30	Lubrication done.
832	03-03-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	03-03-2018	30 Days	12:00	12:20	Lubrication done.
833	03-03-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	03-03-2018	30 Days	12:30	12:50	Lubrication done.
834	03-03-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	03-03-2018	180 Days	15:00	15:20	checked & found ok.
835	03-03-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	03-03-2018	180 Days	16:05	16:25	checked & found ok.
836	03-03-2018	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	03-03-2018	180 Days	16:30	16:50	checked & found ok.
837	02-03-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	02-03-2018	90 Days	17:00	17:15	Checked & found ok.
838	02-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	02-03-2018	90 Days	17:20	17:35	Checked & found ok.
839	02-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	02-03-2018	90 Days	17:40	17:55	Checked & found ok.
840	02-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	02-03-2018	15 Days	00:00	24:00:00	AUTO LUBRICATION SYSTEM INSTALLED.
841	02-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	02-03-2018	15 Days	00:00	24:00:00	AUTO LUBRICATION SYSTEM INSTALLED.
842	01-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	01-03-2018	15 Days	22:00	22:30	GREASING COMPLETED.
843	01-03-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	01-03-2018	15 Days	22:30	23:00	GREASING COMPLETED.
844	01-03-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	01-03-2018	15 Days	23:00	23:30	GREASING COMPLETED.
845	01-03-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	01-03-2018	15 Days	23:30	24:00:00	GREASING COMPLETED.
846	28-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	28-02-2018	15 Days	11:00	11:30	GREASING COMPLETED.
847	28-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	28-02-2018	15 Days	11:30	12:00	GREASING COMPLETED.
848	28-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	28-02-2018	15 Days	15:30	16:00	GREASING COMPLETED.
849	28-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	28-02-2018	15 Days	16:00	16:30	GREASING COMPLETED.
850	28-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	28-02-2018	15 Days	16:30	17:00	GREASING COMPLETED.
851	28-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	28-02-2018	15 Days	17:30	18:00	GREASING COMPLETED.
852	28-02-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	28-02-2018	15 Days	18:00	18:30	GREASING COMPLETED.
853	27-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	27-02-2018	15 Days	15:00	16:30	EKMEY ENGG. CHECKED THE VIBRATION
854	27-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	27-02-2018	15 Days	15:00	16:30	EKMEY ENGG. CHECKED THE VIBRATION
855	27-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	27-02-2018	15 Days	15:00	16:30	EKMEY ENGG. CHECKED THE VIBRATION
856	27-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	27-02-2018	15 Days	15:00	16:30	EKMEY ENGG. CHECKED THE VIBRATION
857	26-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	26-02-2018	30 Days	07:00	07:40	lubrication work completed
858	24-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	24-02-2018	15 Days	08:45	08:55	Greasing is done by auto lubrication dispenser system, deliverying line checked &found ok.
859	20-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	20-02-2018	15 Days	11:00	11:40	JOB COMPLETED
860	20-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	20-02-2018	30 Days	09:00	09:30	tightness checking done.
861	20-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	20-02-2018	30 Days	09:30	10:00	tightness checking done.

862	20-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	20-02-2018	15 Days	00:00	24:00:00	Auto lubrication system installed.
863	20-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	20-02-2018	15 Days	00:00	24:00:00	Auto lubrication system installed.
864	20-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-02-2018	15 Days	10:00	11:00	greasing done.
865	19-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	19-02-2018	15 Days	15:15	15:45	WORK IS COMPLETED
866	16-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	16-02-2018	15 Days	17:00	19:00	completed.
867	16-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	16-02-2018	90 Days	17:00	19:00	completed
868	16-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	16-02-2018	90 Days	17:00	19:00	completed
869	16-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	16-02-2018	15 Days	22:30	23:00	greasing completed.
870	16-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	16-02-2018	15 Days	22:30	23:00	greasing completed.
871	15-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	15-02-2018	90 Days	17:00	19:00	completed
872	15-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-02-2018	30 Days	17:00	19:00	completed
873	14-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	14-02-2018	15 Days	10:15	10:30	MOTOR: 2.5 MM/SEC GEAR BOX : 1.8 MM/SEC
874	14-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	14-02-2018	15 Days	10:00	10:15	GREASING COMPLETED
875	14-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	14-02-2018	15 Days	11:15	11:30	motor: 2.5 mm/sec gear box : 1.8 mm/sec
876	13-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	13-02-2018	15 Days	10:00	10:15	MOTOR: 1.5 MM/SEC GEAR BOX : 2.7 MM/SEC
877	13-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	13-02-2018	15 Days	11:00	11:15	GEAR BOX: 2.00 MM/SEC MOTOR:3.00 MM/SEC
878	12-02-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	12-02-2018	15 Days	09:00	09:30	GREASING COMPLETED
879	12-02-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-02-2018	15 Days	09:30	10:00	GREASING COMPLETED
880	12-02-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-02-2018	15 Days	10:30	11:00	GREASING COMPLETED
881	12-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	12-02-2018	15 Days	11:45	12:00	GREASING COMPLETED
882	11-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	11-02-2018	15 Days	13:00	13:30	greasing completed.
883	11-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	11-02-2018	15 Days	13:30	14:00	greasing completed.
884	11-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	11-02-2018	15 Days	11:00	11:30	greasing completed.
885	11-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	11-02-2018	15 Days	11:30	12:00	greasing completed.
886	11-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	11-02-2018	15 Days	10:30	11:00	greasing completed.
887	11-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	11-02-2018	15 Days	14:30	15:00	greasing completed.
888	10-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-02-2018	15 Days	23:00	23:30	auto lubrication system installed.
889	10-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	10-02-2018	15 Days	23:30	24:00:00	auto lubrication system installed.
890	09-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	09-02-2018	15 Days	11:00	11:30	AUTO LUBRICATION SYSTEM INSTALLED.
891	05-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	05-02-2018	30 Days	17:30	18:00	greasing completed.
892	05-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	05-02-2018	30 Days	16:00	16:30	Auto lubrication system(cartridge) installed.
893	05-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	05-02-2018	15 Days	16:30	17:00	Auto lubrication system installed.

894	05-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	05-02-2018	15 Days	17:00	17:30	Auto lubrication system installed.
895	05-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	05-02-2018	30 Days	17:00	17:30	greasing completed.
896	04-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	04-02-2018	15 Days	01:00	01:15	GREASING BY AUTO-LUBRICATION PUMP
897	03-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	03-02-2018	15 Days	15:00	15:10	Greasing is done by auto greasing system, delivery line checked & found ok.
898	03-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	03-02-2018	15 Days	15:30	15:40	Greasing done by auto grease dispenser system, deliverying line checked & found ok.
899	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	02-02-2018	30 Days	07:00	07:15	greasing by auto-grease dispenser .
900	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	02-02-2018	30 Days	07:15	07:30	greasing by auto-grease dispenser .
901	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	02-02-2018	30 Days	00:00	24:00:00	lubricated by auto lubrication system
902	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	02-02-2018	30 Days	00:00	24:00:00	lubricated by auto lubrication system
903	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	02-02-2018	30 Days	11:00	11:10	complted
904	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	02-02-2018	30 Days	11:20	11:30	completed
905	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	02-02-2018	30 Days	11:30	11:40	COMPLETED
906	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	02-02-2018	30 Days	11:40	11:50	COMPLETED
907	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	02-02-2018	30 Days	11:50	12:00	COMPLETED
908	02-02-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	02-02-2018	30 Days	12:20	12:40	COMPLETED
909	02-02-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	02-02-2018	30 Days	12:30	12:40	COMPLETED
910	01-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	01-02-2018	30 Days	14:30	15:00	greasing completed.
911	01-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	01-02-2018	30 Days	16:30	17:00	greasing completed.
912	01-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	01-02-2018	30 Days	17:00	17:30	greasing completed.
913	01-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	01-02-2018	30 Days	17:30	18:00	greasing completed.
914	01-02-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-02-2018	30 Days	18:00	18:30	greasing completed.
915	30-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	30-01-2018	15 Days	09:35	10:35	checked found ok
916	30-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	30-01-2018	15 Days	22:30	22:45	GREASING COMPLETED
917	30-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	30-01-2018	15 Days	22:45	22:55	GREASING COMPLETED
918	30-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	30-01-2018	15 Days	22:55	23:15	GREASING COMPLETED
919	30-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	30-01-2018	15 Days	23:45	24:00:00	GREASING COMPLETED
920	29-01-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	29-01-2018	15 Days	09:00	09:30	GREASING COMPLETED
921	28-01-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	28-01-2018	15 Days	17:00	17:30	GREASING COMPLETED
922	28-01-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	28-01-2018	15 Days	17:30	18:00	GREASING COMPLETED
923	24-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	24-01-2018	15 Days	10:30	10:40	Lubrication is done by auto grease dispenser system, grease delivering point checked &found ok
924	24-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	24-01-2018	15 Days	09:00	09:15	gear box : 1.8 mm/sec motor: 2.4 mm/sec
925	24-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	24-01-2018	15 Days	09:15	09:30	gear box : 2.0 mm/sec motor: 1.4 mm/sec

926	24-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	24-01-2018	15 Days	09:30	09:45	gear box : 1.5 mm/sec motor: 2.6 mm/sec
927	24-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	24-01-2018	15 Days	09:45	10:00	gear box : 1.4 mm/sec motor: 1.8 mm/sec
928	23-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	23-01-2018	15 Days	12:00	12:30	lubrication done.
929	23-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	23-01-2018	15 Days	10:00	10:30	lubrication done.
930	23-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	23-01-2018	15 Days	14:00	14:30	completed
931	23-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	23-01-2018	15 Days	15:00	15:30	completed
932	23-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	23-01-2018	15 Days	10:00	10:30	greasing completed
933	22-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-01-2018	15 Days	11:30	12:00	lubrication done.
934	22-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	22-01-2018	15 Days	09:30	10:00	lubrication done.
935	21-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	21-01-2018	15 Days	11:30	11:37	Lubrication is done by auto grease dispenser system.
936	21-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	21-01-2018	15 Days	11:40	11:45	Lubrication is done by auto grease dispenser system.
937	21-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	21-01-2018	15 Days	15:00	16:15	lubrication done.
938	20-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	20-01-2018	15 Days	10:30	11:00	Lubrication is done by auto grease dispenser, but when checked it was found that on the bottom side of the plumber block, grease is not delivering
939	19-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	19-01-2018	15 Days	01:00	24:00:00	lubricated by auto lubrication pump
940	19-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-01-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
941	19-01-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	19-01-2018	15 Days	07:00	08:00	completed
942	19-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	19-01-2018	30 Days	17:49	18:10	Bolt tightness checking completed.
943	19-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	19-01-2018	30 Days	18:15	18:30	bolt tightness checking completed.
944	18-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	18-01-2018	15 Days	11:30	12:40	LUBRICATION DONE.
945	15-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-01-2018	30 Days	09:35	09:45	Checked found ok
946	15-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-01-2018	15 Days	11:30	12:15	lubrication completed.
947	15-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	15-01-2018	15 Days	10:00	11:15	lubrication completed.
948	15-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	15-01-2018	15 Days	12:30	13:15	lubrication completed.
949	12-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	12-01-2018	15 Days	11:30	12:10	base bolt tightness checked.
950	09-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	09-01-2018	15 Days	07:00	07:15	GREASING BY AUTO-LUBRICATION PUMP
951	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	08-01-2018	15 Days	15:30	16:30	Job completed.
952	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	08-01-2018	15 Days	15:30	16:30	job completed.
953	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	08-01-2018	15 Days	15:30	16:30	job completed,
954	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	08-01-2018	15 Days	14:30	14:40	GEAR BOX 2: HORIZONTAL - 2 MM/SEC VERTICAL- 3.1 MM/SEC AXIAL- 3.0 MM/SEC
955	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	08-01-2018	15 Days	14:50	15:00	GEAR BOX 4: HORIZONTAL - 3.0 MM/SEC VERTICAL- 3.7 MM/SEC AXIAL- 3.0 MM/SEC
956	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	08-01-2018	15 Days	15:00	15:15	GEAR BOX 3: HORIZONTAL - 3.4 MM/SEC VERTICAL- 3.8 MM/SEC AXIAL- 3.9 MM/SEC
957	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	08-01-2018	15 Days	15:15	15:25	GEAR BOX 1: HORIZONTAL - 2.2 MM/SEC VERTICAL- 2.5 MM/SEC AXIAL- 2.3 MM/SEC

958	08-01-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-01-2018	15 Days	15:30	15:45	GREASING COMPLETED
959	08-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	08-01-2018	15 Days	17:30	18:00	job completed.
960	06-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	06-01-2018	30 Days	09:45	10:00	GREASING COMPLETED
961	06-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	06-01-2018	30 Days	10:00	10:15	GREASING COMPLETED
962	06-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	06-01-2018	30 Days	10:15	10:30	GREASING COMPLETED
963	06-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-01-2018	15 Days	14:00	14:30	GREASING BY AUTO-LUBRICATION PUMP
964	06-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	06-01-2018	15 Days	10:00	10:10	GREASING BY AUTO-LUBRICATION PUMP
965	05-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	05-01-2018	15 Days	10:00	10:20	GREASING COMPLETED
966	05-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	05-01-2018	15 Days	10:30	11:00	job completed
967	05-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	05-01-2018	15 Days	11:00	11:30	job completed
968	05-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	05-01-2018	15 Days	12:00	12:30	job completed.
969	05-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	05-01-2018	15 Days	15:00	15:30	job completed.
970	05-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	05-01-2018	15 Days	16:45	17:20	job completed.
971	05-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	05-01-2018	15 Days	14:30	15:00	job completed.
972	04-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	04-01-2018	15 Days	10:30	11:35	job completed.
973	03-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	03-01-2018	15 Days	11:00	12:20	job completed.
974	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	02-01-2018	30 Days	10:00	11:00	GREASING COMPLETED
975	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	02-01-2018	30 Days	11:30	12:00	job completed.
976	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	02-01-2018	30 Days	12:00	12:20	job completed.
977	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	02-01-2018	30 Days	10:30	11:45	P.M COMPLETED.
978	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	02-01-2018	15 Days	10:30	10:45	GREASING COMPLETED
979	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	02-01-2018	30 Days	10:00	11:00	tightness checked found ok
980	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	02-01-2018	30 Days	09:00	10:00	COMPLETED
981	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	02-01-2018	30 Days	11:00	12:00	COMPLETED
982	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	02-01-2018	30 Days	14:00	15:00	COMPLETED
983	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	02-01-2018	30 Days	09:15	09:30	GREASING COMPLETED
984	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	02-01-2018	30 Days	09:30	09:45	GREASING COMPLETED
985	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	02-01-2018	30 Days	10:30	10:45	GREASING COMPLETED
986	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	02-01-2018	30 Days	10:45	11:00	GREASING COMPLETED
987	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	02-01-2018	30 Days	11:15	11:30	GREASING COMPLETED
988	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	02-01-2018	30 Days	11:30	11:45	GREASING COMPLETED
989	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	02-01-2018	30 Days	11:45	11:55	GREASING COMPLETED

990	02-01-2018	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	02-01-2018	30 Days	12:00	12:15	GREASING COMPLETED
991	02-01-2018	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	02-01-2018	30 Days	12:30	12:45	GREASING COMPLETED
992	02-01-2018	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	02-01-2018	15 Days	10:30	11:45	job completed.
993	26-12-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-12-2018	15 Days	11:45	12:10	LUBRICATION WORK IS DONE.
994	26-12-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-12-2018	15 Days	12:10	12:30	LUBRICATION WORK IS DONE.
995	25-12-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	25-12-2018	15 Days	13:40	14:00	LUBRICATION WORK IS DONE.
996	25-12-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	25-12-2018	15 Days	14:45	15:00	LUBRICATION WORK IS DONE.
997	24-12-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	24-12-2018	15 Days	10:30	10:55	LUBRICATION WORK IS DONE.
998	24-12-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	24-12-2018	15 Days	11:25	11:45	LUBRICATION WORK IS DONE.
999	24-12-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	24-12-2018	15 Days	12:30	12:50	LUBRICATION WORK IS DONE.
1000	19-12-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	19-12-2018	15 Days	00:00	24:00:00	LUBRICATION COMPLETED(LUBRICATED BY AUTO LUBRICATION SYSTEM)
1001	08-12-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	08-12-2018	15 Days	01:00	01:10	greasing by auto lubrication pump .
1002	08-12-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-12-2018	15 Days	01:10	01:15	greasing by auto lubrication pump .
1003	08-12-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-12-2018	15 Days	01:15	01:20	greasing by auto lubrication pump .
1004	08-12-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	08-12-2018	15 Days	01:30	01:35	greasing by auto lubrication pump .
1005	08-12-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-12-2018	15 Days	01:40	01:45	greasing by auto lubrication pump .
1006	08-12-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-12-2018	15 Days	01:45	01:50	greasing by auto lubrication pump .
1007	08-12-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-12-2018	15 Days	02:00	02:10	greasing by auto lubrication pump .
1008	06-12-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	06-12-2018	90 Days	14:25	14:45	BASE BOLT TIGHTNESS CHECKING DONE.
1009	04-12-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	04-12-2018	90 Days	14:30	14:45	Tightness checking done.
1010	04-12-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	04-12-2018	15 Days	14:30	15:00	LUBRICATION WORK IS DONE.
1011	01-12-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	01-12-2018	90 Days	14:00	14:20	BASE BOLT TIGHTNESS CHECKING DONE.
1012	23-11-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-11-2018	15 Days	15:20	15:30	Lubrication is done by auto lubrication system, delivery line checked & found ok.
1013	23-11-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	23-11-2018	15 Days	14:00	14:15	lubrication work is completed.
1014	23-11-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-11-2018	15 Days	14:15	14:30	lubrication work is completed.
1015	23-11-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	23-11-2018	15 Days	15:45	16:00	lubrication work is completed.
1016	23-11-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-11-2018	15 Days	16:00	16:20	lubrication work is completed.
1017	23-11-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-11-2018	15 Days	16:00	16:15	lubrication work is completed.
1018	23-11-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	23-11-2018	15 Days	16:15	16:30	lubrication work is completed.
1019	20-11-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	20-11-2018	15 Days	08:15	08:35	LUBRICATION WORK COMPLETED
1020	15-11-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	15-11-2018	90 Days	14:30	14:45	tightness checking done.
1021	15-11-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	15-11-2018	90 Days	14:45	15:00	tightness checking done.

1022	08-11-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-11-2018	15 Days	20:00	20:15	greasing work is completed.
1023	08-11-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	08-11-2018	15 Days	20:15	20:30	greasing work is completed.
1024	08-11-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-11-2018	15 Days	20:30	20:45	greasing work is completed.
1025	08-11-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-11-2018	15 Days	20:45	21:00	greasing work is completed.
1026	08-11-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	08-11-2018	15 Days	21:00	21:15	greasing work is completed.
1027	07-11-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	07-11-2018	15 Days	14:30	14:45	greasing by auto lubrication pump
1028	07-11-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	07-11-2018	15 Days	19:30	19:45	greasing work is completed.
1029	06-11-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	06-11-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
1030	24-10-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	24-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1031	24-10-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1032	24-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	24-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1033	24-10-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1034	24-10-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	24-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1035	24-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1036	23-10-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	23-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1037	23-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-10-2018	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1038	08-10-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-10-2018	15 Days	15:00	15:30	lubrication work is done.
1039	08-10-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-10-2018	15 Days	15:15	15:45	lubrication work is done.
1040	08-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	08-10-2018	15 Days	14:35	14:55	lubrication work is done.
1041	08-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-10-2018	15 Days	15:00	15:30	lubrication work is done.
1042	08-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-10-2018	15 Days	15:45	16:00	lubrication work is done.
1043	08-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-10-2018	15 Days	16:00	16:15	lubrication work is done.
1044	08-10-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	08-10-2018	15 Days	07:00	07:30	lubrication work is done.
1045	08-10-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-10-2018	15 Days	10:45	11:15	lubrication work is done.
1046	08-10-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	08-10-2018	15 Days	11:30	12:15	lubrication work is done.
1047	06-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	06-10-2018	90 Days	14:15	14:30	Bolt tightness checking work completed.
1048	06-10-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	06-10-2018	90 Days	14:35	14:55	Bolt tightness checking work completed.
1049	06-10-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	06-10-2018	90 Days	14:55	15:05	Bolt tightness checking work completed.
1050	06-10-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	06-10-2018	90 Days	15:05	15:15	bolt tightness checking work completed.
1051	22-09-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	22-09-2018	15 Days	01:00	01:20	greasing done.
1052	22-09-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-09-2018	15 Days	01:20	01:40	greasing done.
1053	21-09-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	21-09-2018	15 Days	22:15	22:30	greasing done.

1054	21-09-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	21-09-2018	15 Days	22:30	22:45	greasing done.
1055	21-09-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-09-2018	15 Days	22:45	23:00	greasing done.
1056	21-09-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-09-2018	15 Days	23:00	23:20	greasing done.
1057	21-09-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-09-2018	15 Days	23:20	23:40	greasing done.
1058	21-09-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-09-2018	15 Days	23:40	24:00:00	greasing done.
1059	07-09-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	07-09-2018	90 Days	04:00	04:30	BASE BOLT TIGHTNESS DONE.
1060	07-09-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-09-2018	15 Days	08:00	08:20	greasing done.
1061	07-09-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	07-09-2018	90 Days	08:20	08:40	tightness checking done.
1062	06-09-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	06-09-2018	15 Days	05:00	05:30	lubrication work is done.
1063	06-09-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-09-2018	15 Days	04:00	04:20	lubrication work is done.
1064	06-09-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	06-09-2018	15 Days	04:30	05:00	ludrication work is done.
1065	06-09-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-09-2018	15 Days	05:30	06:00	lubrication work is done.
1066	05-09-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	05-09-2018	15 Days	03:30	04:10	lubrication work is done.
1067	05-09-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	05-09-2018	15 Days	02:30	03:15	lubrication work is done
1068	05-09-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	05-09-2018	15 Days	03:30	04:10	lubrication work is done.
1069	02-09-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	02-09-2018	90 Days	04:00	04:30	WORK IS COMPLETED.
1070	24-08-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-08-2018	15 Days	04:30	05:15	lubrication work is done.
1071	22-08-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-08-2018	15 Days	01:05	01:20	LUBRICATION WORK COMPLETED
1072	22-08-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-08-2018	15 Days	01:40	02:15	LUBRICATION WORK COMPLETED
1073	22-08-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-08-2018	15 Days	02:15	02:45	LUBRICATION WORK COMPLETED
1074	22-08-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	22-08-2018	15 Days	02:50	03:30	LUBRICATION WORK COMPLETED
1075	21-08-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	21-08-2018	15 Days	22:30	23:10	LUBRICATION WORK COMPLETED
1076	21-08-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-08-2018	15 Days	23:15	23:30	LUBRICATION WORK COMPLETED
1077	21-08-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	21-08-2018	15 Days	23:30	23:55	LUBRICATION WORK COMPLETED
1078	17-08-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	17-08-2018	90 Days	14:30	15:00	base bolt tightness work is completed.
1079	17-08-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	17-08-2018	90 Days	15:00	15:20	base bolt tightness work is completed.
1080	09-08-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	09-08-2018	15 Days	02:30	03:15	lubrication work is done.
1081	06-08-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	06-08-2018	15 Days	12:00	12:00	auto lubrication system installed.
1082	06-08-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	06-08-2018	15 Days	14:30	15:00	greasing done.
1083	06-08-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-08-2018	15 Days	15:00	15:30	greasing done.
1084	06-08-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	06-08-2018	15 Days	15:30	16:00	greasing done.
1085	06-08-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-08-2018	15 Days	16:00	16:30	greasing done.

1086	06-08-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	06-08-2018	15 Days	16:30	17:00	greasing done.
1087	06-08-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-08-2018	15 Days	17:00	17:30	greasing done.
1088	25-07-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	25-07-2018	15 Days	17:00	17:30	greasing done.
1089	22-07-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	22-07-2018	15 Days	00:00	24:00:00	lubricated by auto lubrication system
1090	22-07-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	22-07-2018	15 Days	08:00	08:30	completed
1091	22-07-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-07-2018	15 Days	09:00	09:30	completed
1092	22-07-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-07-2018	15 Days	17:30	18:00	greasing done.
1093	22-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	22-07-2018	15 Days	18:00	18:30	greasing done.
1094	22-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	22-07-2018	15 Days	18:30	19:00	greasing done.
1095	22-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-07-2018	15 Days	19:00	19:30	greasing done.
1096	10-07-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-07-2018	15 Days	15:00	15:30	greasing done.
1097	07-07-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	07-07-2018	15 Days	06:30	07:00	lubrication work done
1098	07-07-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-07-2018	15 Days	07:00	07:20	lubrication work done
1099	07-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	07-07-2018	15 Days	07:20	07:35	lubrication work done
1100	07-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	07-07-2018	15 Days	07:35	07:50	lubrication work done
1101	07-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-07-2018	15 Days	07:50	08:10	lubrication work done
1102	07-07-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	07-07-2018	15 Days	08:10	08:30	lubrication work done
1103	07-07-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	07-07-2018	15 Days	08:30	09:00	lubrication work done
1104	06-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	06-07-2018	90 Days	07:30	08:00	tightness checking done.
1105	06-07-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	06-07-2018	90 Days	08:00	08:30	tightness checking done.
1106	04-07-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	04-07-2018	90 Days	07:00	07:30	tightness checking done.
1107	04-07-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	04-07-2018	90 Days	08:30	09:00	tightness checking done.
1108	25-06-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	25-06-2018	15 Days	15:00	15:30	GREASING DONE.
1109	22-06-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	22-06-2018	15 Days	14:20	14:40	GREASING DONE.
1110	22-06-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-06-2018	15 Days	14:40	15:00	GREASING DONE.
1111	22-06-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-06-2018	15 Days	15:00	15:20	GREASING DONE.
1112	22-06-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	22-06-2018	15 Days	15:20	15:40	GREASING DONE.
1113	22-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	22-06-2018	15 Days	15:40	16:00	GREASING DONE.
1114	22-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	22-06-2018	15 Days	16:00	16:20	GREASING DONE.
1115	22-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-06-2018	15 Days	16:20	16:40	GREASING DONE.
1116	10-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	10-06-2018	90 Days	07:30	07:50	checking completed
1117	10-06-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-06-2018	15 Days	08:00	08:30	lubrication completed

1118	09-06-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	09-06-2018	90 Days	04:00	04:20	tightness checking done
1119	09-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	09-06-2018	90 Days	04:20	04:40	tightness checking done
1120	09-06-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	09-06-2018	90 Days	04:40	05:00	tightness checking done
1121	08-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	08-06-2018	15 Days	03:20	03:45	LUBRICATION WORK IS DONE
1122	08-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-06-2018	15 Days	03:45	04:00	LUBRICATION WORK IS DONE
1123	08-06-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-06-2018	15 Days	04:00	04:20	LUBRICATION WORK IS DONE
1124	07-06-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	07-06-2018	15 Days	19:00	19:30	greasing done.
1125	07-06-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-06-2018	15 Days	19:30	20:00	greasing done.
1126	07-06-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	07-06-2018	15 Days	20:00	20:30	greasing done.
1127	07-06-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	07-06-2018	15 Days	20:30	21:00	greasing done.
1128	04-06-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	04-06-2018	90 Days	10:30	11:00	checking done.
1129	25-05-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	25-05-2018	15 Days	02:00	02:30	GREASING DONE.
1130	23-05-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	23-05-2018	15 Days	12:00	12:20	greasing done.
1131	23-05-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-05-2018	15 Days	12:20	12:40	greasing done.
1132	23-05-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	23-05-2018	15 Days	12:40	13:00	greasing done.
1133	23-05-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-05-2018	15 Days	13:00	13:20	greasing done.
1134	23-05-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-05-2018	15 Days	13:20	13:40	greasing done.
1135	23-05-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	23-05-2018	15 Days	13:40	14:00	greasing done.
1136	23-05-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	23-05-2018	15 Days	14:00	14:20	greasing done.
1137	10-05-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-05-2018	15 Days	09:20	09:45	lubrication work completed.
1138	08-05-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	08-05-2018	15 Days	07:00	07:30	lubrication work completed.
1139	08-05-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-05-2018	15 Days	08:00	08:30	lubrication work completed.
1140	08-05-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-05-2018	15 Days	08:30	09:00	lubrication work completed.
1141	08-05-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	08-05-2018	15 Days	09:00	09:20	lubrication work completed.
1142	08-05-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-05-2018	15 Days	09:45	10:10	lubrication work completed.
1143	08-05-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	08-05-2018	15 Days	10:30	10:50	lubrication work completed.
1144	08-05-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-05-2018	15 Days	11:00	11:20	lubrication work completed.
1145	17-04-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	17-04-2018	15 Days	10:00	10:30	lubrication done.
1146	14-04-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	14-04-2018	15 Days	10:30	10:40	Greasing is done by auto lubrication system, deliverying line checked & found ok.
1147	14-04-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	14-04-2018	15 Days	15:30	16:40	Lubrication completed.
1148	13-04-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	13-04-2018	15 Days	18:00	19:30	Lubrication done.
1149	12-04-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	12-04-2018	15 Days	15:00	16:00	LUBRICATION WORK COMPLETED.

1150	12-04-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	12-04-2018	15 Days	16:00	17:00	LUBRICATION WORK COMPLETED.
1151	10-04-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	10-04-2018	15 Days	03:30	04:00	lubrication work completed.
1152	10-04-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	10-04-2018	15 Days	04:00	04:30	lubrication work completed.
1153	05-04-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	05-04-2018	90 Days	22:30	22:45	ok
1154	05-04-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	05-04-2018	90 Days	22:45	23:00	ok
1155	05-04-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	05-04-2018	90 Days	23:00	23:20	ok
1156	05-04-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	05-04-2018	90 Days	23:20	23:50	ok
1157	27-03-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	27-03-2018	15 Days	02:30	03:15	ok
1158	25-03-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	25-03-2018	15 Days	09:30	10:00	GREASING COMPLETED
1159	25-03-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	25-03-2018	15 Days	10:00	10:30	GREASING COMPLETED
1160	25-03-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	25-03-2018	15 Days	14:30	15:00	ok
1161	25-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	25-03-2018	15 Days	08:00	09:00	ok
1162	25-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	25-03-2018	15 Days	09:00	09:30	ok
1163	25-03-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	25-03-2018	15 Days	09:00	09:15	GREASING COMPLETED
1164	25-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	25-03-2018	15 Days	09:15	09:30	GREASING COMPLETED
1165	17-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	17-03-2018	15 Days	14:30	14:50	greassing completed
1166	17-03-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	17-03-2018	15 Days	17:00	17:45	greassing completed
1167	17-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	17-03-2018	15 Days	15:00	15:30	greassing completed
1168	17-03-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	17-03-2018	15 Days	15:00	15:45	LUBRICATION DONE.
1169	11-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	11-03-2018	90 Days	22:30	23:00	base bolt tightness completed
1170	10-03-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	10-03-2018	90 Days	22:00	22:15	ok
1171	10-03-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	10-03-2018	90 Days	23:00	23:30	ok
1172	10-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	10-03-2018	90 Days	01:30	02:00	bolt tightness work completed.
1173	07-03-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-03-2018	15 Days	14:30	15:00	job completed.
1174	07-03-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	07-03-2018	15 Days	15:30	16:00	job completed.
1175	07-03-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-03-2018	15 Days	16:00	16:30	job completed.
1176	07-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	07-03-2018	15 Days	17:00	17:30	job completed.
1177	06-03-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	06-03-2018	90 Days	00:15	00:35	ok
1178	01-03-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	01-03-2018	15 Days	09:00	09:30	greasing completed.
1179	28-02-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	28-02-2018	15 Days	08:00	08:30	greasing completed.
1180	28-02-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	28-02-2018	15 Days	08:30	09:00	greasing completed.
1181	28-02-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	28-02-2018	15 Days	09:30	10:00	greasing completed.

1182	20-02-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	20-02-2018	15 Days	22:30	23:00	greasing done.
1183	20-02-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	20-02-2018	15 Days	23:00	23:30	greasing done.
1184	19-02-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	19-02-2018	15 Days	22:00	22:30	greasing done.
1185	19-02-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-02-2018	15 Days	23:30	24:00:00	greasing done.
1186	12-02-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-02-2018	15 Days	14:30	15:00	GREASING COMPLETED.
1187	12-02-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	12-02-2018	15 Days	15:00	15:30	GREASING COMPLETED.
1188	12-02-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	12-02-2018	15 Days	15:30	16:00	GREASING COMPLETED.
1189	12-02-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	12-02-2018	15 Days	16:00	16:30	GREASING COMPLETED.
1190	03-02-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	03-02-2018	15 Days	09:30	10:30	lubrication done.
1191	03-02-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	03-02-2018	15 Days	10:30	11:30	LUBRICATION DONE.
1192	03-02-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	03-02-2018	15 Days	12:30	12:50	LUBRICATION DONE
1193	03-02-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	03-02-2018	15 Days	14:30	15:30	LUBRICATION DONE.
1194	28-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	28-01-2018	15 Days	15:15	15:30	GREASING COMPLETED
1195	28-01-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	28-01-2018	15 Days	15:15	15:45	GREASING COMPLETED
1196	28-01-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	28-01-2018	15 Days	15:45	16:10	GREASING COMPLETED
1197	28-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	28-01-2018	15 Days	16:30	16:45	GREASING COMPLETED
1198	19-01-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-01-2018	15 Days	09:15	09:45	LUBRICATION COMPLETED.
1199	19-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	19-01-2018	15 Days	09:50	10:30	LUBRICATION COMPLETED.
1200	19-01-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-01-2018	15 Days	10:45	11:15	LUBRICATION COMPLETED.
1201	19-01-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	19-01-2018	15 Days	11:30	12:20	LUBRICATION COMPLETED.
1202	09-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	09-01-2018	15 Days	22:15	22:25	GREASING COMPLETED
1203	08-01-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-01-2018	15 Days	17:30	18:30	job completed.
1204	08-01-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	08-01-2018	15 Days	17:00	17:50	greasing completed.
1205	08-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	08-01-2018	90 Days	10:06	10:15	base bolt tightness done
1206	06-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	06-01-2018	15 Days	22:30	22:45	GREASING COMPLETED
1207	06-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	06-01-2018	90 Days	09:20	10:05	base bolt tightness done
1208	05-01-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	05-01-2018	90 Days	06:00	14:00	tightness checking done & found ok.
1209	04-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	04-01-2018	15 Days	22:15	22:25	GREASING COMPLETED
1210	04-01-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-01-2018	15 Days	22:25	22:35	GREASING COMPLETED
1211	04-01-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	04-01-2018	15 Days	22:35	22:45	GREASING COMPLETED
1212	04-01-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-01-2018	15 Days	22:50	23:15	GREASING COMPLETED
1213	02-01-2018	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	02-01-2018	90 Days	09:00	09:30	TIGHTNESS CHECKING DONE.

1214	02-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	02-01-2018	90 Days	09:30	10:00	TIGHTNESS CHECKING DONE.
1215	02-01-2018	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	02-01-2018	90 Days	10:00	10:30	TIGHTNESS CHECKING DONE.
1216	02-01-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	02-01-2018	90 Days	10:30	11:00	TIGHTNESS CHECKING DONE.
1217	02-01-2018	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	02-01-2018	90 Days	12:00	12:30	tightness checking done.
1218	02-01-2018	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	02-01-2018	90 Days	12:30	13:00	tightness checking done.

PM COMPLIANCE REPORT FOR THE YEAR OF -2019

Sr.No.	Date	Main Equipment	Equipment Area	Department	Equipment Name	Parameters	Last Mainteinted Date	Shedule Of Mainteinance	From Time	To Time	Remarks
1	31-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	31-12-2019	15 Days	20:40	21:00	GREASING DONE.
2	31-12-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	31-12-2019	15 Days	21:00	21:15	GREASING DONE.
3	31-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	31-12-2019	15 Days	21:15	21:30	GREASING DONE.
4	31-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	31-12-2019	15 Days	21:30	21:45	GREASING DONE.
5	30-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	30-12-2019	15 Days	14:00	14:15	GREASING DONE.
6	30-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	30-12-2019	15 Days	14:15	14:30	GREASING DONE.
7	30-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	30-12-2019	15 Days	14:30	14:45	GREASING DONE.
8	30-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	30-12-2019	15 Days	14:45	15:00	GREASING DONE.
9	30-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	30-12-2019	15 Days	15:00	15:15	GREASING DONE.
10	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	29-12-2019	30 Days	14:00	14:20	TIGHTNESS CHECKING DONE.
11	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	29-12-2019	30 Days	14:20	14:40	TIGHTNESS CHECKING DONE.
12	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	29-12-2019	30 Days	14:40	15:00	TIGHTNESS CHECKING DONE.
13	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	29-12-2019	15 Days	15:00	15:15	GREASING DONE.
14	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	29-12-2019	15 Days	15:15	15:30	GREASING DONE.
15	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	29-12-2019	15 Days	15:45	16:00	GREASING DONE.
16	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	29-12-2019	15 Days	15:30	15:45	GREASING DONE.
17	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	29-12-2019	15 Days	16:00	16:15	GREASING DONE.
18	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	29-12-2019	15 Days	16:15	16:30	GREASING DONE.
19	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	29-12-2019	15 Days	16:30	16:45	GREASING DONE.
20	29-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	29-12-2019	15 Days	16:45	17:00	GREASING DONE.
21	28-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	28-12-2019	30 Days	15:20	15:35	LUBRICATION WORK IS DONE.
22	28-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	28-12-2019	30 Days	15:35	15:50	LUBRICATION WORK IS DONE.
23	28-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	28-12-2019	30 Days	16:40	16:50	LUBRICATION WORK IS DONE.
24	28-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	28-12-2019	30 Days	17:35	17:55	LUBRICATION WORK IS DONE.
25	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	27-12-2019	30 Days	14:20	14:40	lubrication work done.
26	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	27-12-2019	30 Days	14:40	15:00	lubrication work done.
27	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	27-12-2019	30 Days	15:00	15:10	bolt tightness work done.
28	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	27-12-2019	30 Days	15:10	15:20	sheave pully-8 lubrication work done.
29	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	27-12-2019	30 Days	15:20	15:30	sheave pully-9 greasing work done.

30	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	27-12-2019	30 Days	15:50	16:00	LUBRICATION WORK IS DONE.
31	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	27-12-2019	30 Days	16:10	16:25	LUBRICATION WORK IS DONE.
32	27-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	27-12-2019	30 Days	16:25	16:40	LUBRICATION WORK IS DONE.
33	26-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	26-12-2019	15 Days	11:15	11:30	GEAR BOX-1 = 3.0 MM/SEC MOTOR -1 = 2.2 MM/SEC
34	26-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	26-12-2019	15 Days	11:45	11:55	GEAR BOX -4 = 2.8 MM/SEC MOTOR -4 = 2.6 MM/SEC
35	24-12-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	24-12-2019	15 Days	14:30	15:00	LUBRICATION WORK DONE.
36	24-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	24-12-2019	15 Days	14:30	14:45	lubrication work is completed.
37	24-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	24-12-2019	15 Days	14:40	14:50	lubrication work is completed.
38	24-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	24-12-2019	15 Days	15:00	15:30	Basebolt tightness work is completed.
39	24-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	24-12-2019	15 Days	11:00	11:15	GEAR BOX-1= 2.8 MM/SEC MOTOR - 1= 2.4 MM/SEC
40	24-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	24-12-2019	15 Days	11:30	11:45	GEAR BOX -1 = 2.7 MM/SEC MOTOR -1 = 2.1 MM/SEC
41	21-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
42	21-12-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
43	20-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	20-12-2019	90 Days	10:30	11:00	Bolt tightness checking wok done completed.
44	20-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	20-12-2019	90 Days	11:15	11:40	Bolt tightness checking wok done completed.
45	20-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	20-12-2019	90 Days	12:00	12:30	Bolt tightness checking wok done completed.
46	17-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	17-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
47	17-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	17-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
48	16-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	16-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
49	16-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	16-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
50	16-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	16-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
51	16-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	16-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
52	16-12-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	16-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
53	15-12-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	15-12-2019	30 Days	14:00	14:10	greasing done.
54	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	15-12-2019	30 Days	14:10	14:20	greasing done.
55	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	15-12-2019	30 Days	14:20	14:30	greasing done.
56	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	15-12-2019	30 Days	14:30	14:40	greasing done.
57	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	15-12-2019	30 Days	14:40	14:50	greasing done.
58	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-12-2019	15 Days	14:50	15:00	greasing done.
59	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	15-12-2019	15 Days	15:00	15:10	greasing done.
60	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	15-12-2019	15 Days	15:10	15:20	greasing done.
61	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	15-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.

62	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	15-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
63	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	15-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
64	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	15-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
65	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
66	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	15-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
67	15-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	15-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
68	10-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	10-12-2019	15 Days	14:00	14:30	BASE BOLT TIGHTNESS CHECKING COMPLETED
69	09-12-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	09-12-2019	15 Days	07:00	08:00	LUBRICATION COMPLETED
70	08-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	08-12-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
71	07-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	07-12-2019	90 Days	14:15	14:40	Bolt tightness checking work done and its found ok.
72	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	06-12-2019	30 Days	14:30	14:40	LUBRICATION WORK DONE.
73	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-12-2019	15 Days	14:45	14:55	LUBRICATED BY AUTO LUBRICATION SYSTEM.
74	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	06-12-2019	15 Days	15:00	15:10	LUBRICATED BY AUTO LUBRICATION SYSTEM.
75	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	06-12-2019	15 Days	15:15	15:25	LUBRICATED BY AUTO LUBRICATION SYSTEM.
76	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	06-12-2019	15 Days	15:20	15:30	LUBRICATED BY AUTO LUBRICATION SYSTEM.
77	06-12-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-12-2019	15 Days	15:30	15:45	LUBRICATION WORK COMPLETED.
78	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	06-12-2019	15 Days	15:40	15:50	LUBRICATED BY AUTO LUBRICATION SYSTEM.
79	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	06-12-2019	15 Days	14:10	14:20	Lubrication work done by auto lubrication pump.
80	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-12-2019	15 Days	14:40	14:50	Lubrication work done by auto lubrication system.
81	06-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	06-12-2019	15 Days	15:05	15:15	Lubrication work done by auto lubrication system.
82	05-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	05-12-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
83	05-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	05-12-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
84	05-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	05-12-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
85	05-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	05-12-2019	15 Days	15:30	15:45	LUBRICATED BY AUTO LUBRICATION SYSTEM.
86	05-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	05-12-2019	15 Days	15:20	15:30	LUBRICATED BY AUTO LUBRICATION SYSTEM.
87	05-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	05-12-2019	15 Days	15:30	15:40	LUBRICATED BY AUTO LUBRICATION SYSTEM.
88	04-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	04-12-2019	15 Days	14:00	14:20	LUBRICATION WORK COMPLETED
89	04-12-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	04-12-2019	15 Days	14:30	14:50	LUBRICATION WORK COMPLETED
90	04-12-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-12-2019	15 Days	15:00	15:30	LUBRICATION WORK COMPLETED
91	28-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	28-11-2019	90 Days	08:40	09:00	BASE BOLT TIGHTNESS CHECKING DONE.
92	28-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	28-11-2019	90 Days	09:20	09:40	BASE BOLT TIGHTNESS CHECKING DONE.
93	28-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	28-11-2019	90 Days	09:20	09:40	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.

94	28-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	28-11-2019	30 Days	19:50	20:10	LUBRICATION WORK COMPLETED.
95	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	27-11-2019	30 Days	22:40	22:50	LUBRICATION WORK IS DONE.
96	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	27-11-2019	15 Days	00:10	00:30	LUBRICATION WORK IS DONE.
97	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	27-11-2019	15 Days	00:30	00:50	LUBRICATION WORK IS DONE.
98	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	27-11-2019	30 Days	20:20	20:40	LUBRICATION COMPLETED.
99	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	27-11-2019	30 Days	15:00	15:20	LUBRICATION WORK COMPLETED.
100	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	27-11-2019	30 Days	15:40	16:00	LUBRICATION WORK COMPLETED.
101	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	27-11-2019	90 Days	11:00	11:20	BASE BOLT TIGHTNESS WORK COMPLETED.
102	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	27-11-2019	30 Days	11:30	12:00	BASE BOLT TIGHTNESS WORK COMPLETED.
103	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	27-11-2019	30 Days	09:00	09:30	BOLT TIGHTNESS CHECKING WORK COMPLETED.
104	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	27-11-2019	30 Days	09:30	10:00	BOLT TIGHTNESS CHECKING WORK COMPLETED.
105	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	27-11-2019	30 Days	08:05	08:15	Lubrication work is completed.
106	27-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	27-11-2019	30 Days	08:15	08:25	Lubrication work is completed.
107	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	26-11-2019	30 Days	22:30	22:40	LUBRICATION WORK IS DONE.
108	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-11-2019	15 Days	23:30	23:50	LUBRICATION WORK IS DONE.
109	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	26-11-2019	30 Days	23:50	24:00:00	LUBRICATION WORK IS DONE.
110	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	08:00	08:20	BASE BOLT TIGHTNESS CHECKING COMPLETED.
111	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	08:20	08:40	BASE BOLT TIGHTNESS CHECKING COMPLETED.
112	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	26-11-2019	30 Days	17:30	17:50	LUBRICATION WORK COMPLETED.
113	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	26-11-2019	30 Days	20:10	20:30	LUBRICATION WORK COMPLETED.
114	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	26-11-2019	30 Days	20:30	20:50	LUBRICATION WORK COMPLETED.
115	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	26-11-2019	30 Days	10:00	10:30	BOLT TIGHTNESS WORK COMPLETED.
116	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	26-11-2019	30 Days	20:00	20:20	BOLT TIGHTNESS WORK COMPLETED.
117	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	14:30	15:00	tightness checking done.
118	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	15:00	15:30	tightness checking done.
119	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	15:30	16:00	tightness checking done.
120	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	16:00	16:30	tightness checking done.
121	26-11-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	16:30	17:00	tightness checking done.
122	26-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	17:00	17:30	tightness checking done.
123	25-11-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	25-11-2019	90 Days	09:10	09:30	BASE BOLT TIGHTNESS CHECKING COMPLETED.
124	24-11-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	24-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
125	24-11-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	24-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.

126	24-11-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	24-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
127	21-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	21-11-2019	15 Days	14:30	14:50	TIGHTNESS CHECKING DONE
128	21-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	21-11-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
129	21-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	21-11-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
130	21-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-11-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
131	19-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	19-11-2019	90 Days	14:10	14:20	TIGHTNESS CHECKING DONE.
132	19-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	19-11-2019	90 Days	14:00	14:15	Base bolt tightness checking done
133	19-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	19-11-2019	90 Days	14:15	14:30	Base bolt tightness checking done
134	19-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	19-11-2019	90 Days	14:30	14:45	Base bolt tightness checking done
135	19-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	19-11-2019	90 Days	14:45	15:00	Base bolt tightness checking done
136	18-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	18-11-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
137	18-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	18-11-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
138	18-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	18-11-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
139	18-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	18-11-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
140	18-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	18-11-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
141	18-11-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	18-11-2019	90 Days	14:00	14:10	TIGHTNESS CHECKING DONE.
142	18-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	18-11-2019	90 Days	14:25	14:35	TIGHTNESS CHECKING DONE.
143	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	17-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
144	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	17-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
145	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	17-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
146	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	17-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
147	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	17-11-2019	15 Days	10:00	10:15	GEAR BOX-2.8MM/S MOTOR-2.7MM/S
148	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	17-11-2019	15 Days	10:15	10:30	GEAR BOX-2.6MM/S MOTOR-2.8MM/S
149	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	17-11-2019	15 Days	10:30	10:45	GEAR BOX-2.9MM/S MOTOR-3.1MM/S
150	17-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	17-11-2019	15 Days	10:45	11:00	GEAR BOX-3.2MM/S MOTOR-3.4MM/S
151	17-11-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	17-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
152	16-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	16-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
153	15-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	15-11-2019	15 Days	14:35	15:00	LUBRICATION WORK IS DONE.
154	15-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	15-11-2019	15 Days	15:00	15:20	WORK IS DONE.
155	15-11-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	15-11-2019	15 Days	15:20	15:40	WORK IS DONE.
156	14-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	14-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
157	13-11-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	13-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.

158	13-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	13-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
159	11-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	11-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
160	11-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	11-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
161	11-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	11-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
162	11-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	11-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
163	10-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	10-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
164	09-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	09-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
165	09-11-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	09-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
166	07-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
167	07-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	07-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
168	06-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	06-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
169	05-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	05-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
170	04-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	04-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
171	04-11-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	04-11-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
172	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	03-11-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
173	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	03-11-2019	15 Days	15:00	15:30	completed
174	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	03-11-2019	15 Days	15:00	15:30	completed
175	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	03-11-2019	15 Days	16:00	16:30	completed
176	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	03-11-2019	15 Days	16:30	17:00	completed
177	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	03-11-2019	15 Days	16:00	16:20	Gear box-2.5mm/s motor-2.9mm/s
178	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	03-11-2019	15 Days	16:20	16:40	gearbox-2.8mm/s motor-3.5mm/s
179	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	03-11-2019	15 Days	16:40	17:00	Gearbox-3.6mm/s motor-3.5mm/s
180	03-11-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	03-11-2019	15 Days	17:00	17:20	Gearbox-2.6mm/s motor-2.8mm/s
181	02-11-2019	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	02-11-2019	90 Days	14:25	14:40	JOB COMPLETED.
182	31-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	31-10-2019	15 Days	09:30	09:50	JOB COMPLETED.
183	31-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	31-10-2019	15 Days	09:30	09:55	JOB COMPLETED.
184	31-10-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	31-10-2019	15 Days	19:00	19:20	greasing done.
185	31-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	31-10-2019	15 Days	19:20	19:40	greasing done.
186	31-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	31-10-2019	15 Days	19:40	20:00	greasing done.
187	31-10-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	31-10-2019	15 Days	20:00	20:20	greasing done.
188	30-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	30-10-2019	15 Days	17:00	17:30	completed
189	30-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	30-10-2019	15 Days	17:00	17:30	completed

190	29-10-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	29-10-2019	15 Days	15:00	15:30	completed
191	29-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	29-10-2019	15 Days	15:00	15:30	completed
192	29-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	29-10-2019	15 Days	15:00	15:30	completed
193	29-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	29-10-2019	15 Days	14:00	14:30	completed
194	29-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	29-10-2019	15 Days	16:00	16:30	completed
195	29-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	29-10-2019	15 Days	16:00	16:30	completed
196	29-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	29-10-2019	15 Days	16:00	16:30	completed
197	28-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	28-10-2019	15 Days	15:00	15:30	completed
198	28-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	28-10-2019	15 Days	16:00	16:30	completed
199	28-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	28-10-2019	15 Days	16:00	16:30	completed
200	27-10-2019	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	27-10-2019	90 Days	14:45	15:05	JOB COMPLETED.
201	27-10-2019	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	27-10-2019	90 Days	15:10	15:30	JOB COMPLETED.
202	27-10-2019	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	27-10-2019	90 Days	18:15	18:30	JOB COMPLETED.
203	27-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	27-10-2019	30 Days	15:40	15:55	JOB COMPLETED.
204	27-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	27-10-2019	30 Days	16:00	16:25	JOB COMPLETED.
205	25-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	25-10-2019	30 Days	04:50	05:05	JOB COMPLETED.
206	25-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	25-10-2019	30 Days	05:10	05:30	JOB COMPLETED.
207	25-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	25-10-2019	30 Days	05:15	05:35	JOB COMPLETED.
208	20-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	20-10-2019	30 Days	12:30	12:50	JOB COMPLETED.
209	19-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	19-10-2019	15 Days	12:00	12:20	GEARBOX-2.6MM/S MOTOR-2.8MM/S
210	19-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	19-10-2019	15 Days	11:00	11:20	gearbox-3.5mm/s motor-3.6mm/s
211	19-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	19-10-2019	15 Days	11:20	11:40	gearbox-3.8mm/s motor-3.4mm/s
212	19-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	19-10-2019	15 Days	11:40	12:00	gearbox-3.1mm/s motor-2.9mm/s
213	18-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	18-10-2019	15 Days	12:30	13:00	GREASING DONE.
214	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	17-10-2019	30 Days	08:00	08:15	GREASING DONE.
215	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	17-10-2019	30 Days	08:15	08:30	GREASING DONE.
216	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	17-10-2019	30 Days	08:30	08:45	GREASING DONE.
217	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	17-10-2019	30 Days	08:45	09:00	GREASING DONE.
218	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	17-10-2019	30 Days	09:00	09:15	GREASING DONE.
219	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	17-10-2019	30 Days	09:15	09:30	GREASING DONE.
220	17-10-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	17-10-2019	30 Days	09:30	09:45	GREASING DONE.
221	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	17-10-2019	15 Days	09:45	10:00	GREASING DONE.

222	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	17-10-2019	15 Days	10:00	10:15	GREASING DONE.
223	17-10-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	17-10-2019	15 Days	10:15	10:30	GREASING DONE.
224	17-10-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	17-10-2019	15 Days	10:30	10:45	GREASING DONE.
225	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	17-10-2019	15 Days	10:45	11:00	GREASING DONE.
226	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	17-10-2019	15 Days	11:15	11:30	GREASING DONE.
227	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	17-10-2019	15 Days	12:00	12:15	GREASING DONE.
228	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	17-10-2019	15 Days	12:15	12:30	GREASING DONE.
229	17-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	17-10-2019	15 Days	13:00	13:30	GREASING DONE.
230	14-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	14-10-2019	15 Days	22:30	23:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
231	13-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	13-10-2019	30 Days	16:00	17:00	lubrication completed
232	13-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	13-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
233	13-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	13-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
234	13-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	13-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
235	13-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	13-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
236	13-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	13-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
237	12-10-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
238	12-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
239	12-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
240	12-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
241	12-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
242	12-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
243	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-10-2019	30 Days	14:00	14:30	Tightness checking done.
244	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	08-10-2019	30 Days	14:00	14:30	LUBRICATION WORK COMPLETED.
245	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	08-10-2019	30 Days	22:20	22:40	LUBRICATION WORK IS COMPLETED.
246	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	08-10-2019	30 Days	22:40	23:00	LUBRICATION WORK IS COMPLETED.
247	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	08-10-2019	30 Days	23:00	23:20	LUBRICATION WORK IS COMPLETED.
248	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	08-10-2019	30 Days	14:15	14:45	LUBRICATION WORK IS COMPLETED.
249	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-10-2019	30 Days	17:00	18:00	Lubrication work completed.
250	08-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	08-10-2019	30 Days	18:00	19:00	Lubrication work completed.
251	03-10-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	03-10-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
252	30-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	30-09-2019	15 Days	15:15	15:40	LUBRICATION WORK IS COMPLETED.
253	30-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	30-09-2019	15 Days	15:40	16:10	LUBRICATION WORK IS COMPLETED.

254	30-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	30-09-2019	15 Days	16:10	16:30	LUBRICATION WORK IS COMPLETED.
255	30-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	30-09-2019	15 Days	23:30	23:55	LUBRICATION WORK IS COMPLETED.
256	30-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	30-09-2019	15 Days	14:30	15:10	LUBRICATION WORK IS COMPLETED.
257	28-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	28-09-2019	30 Days	11:25	11:40	job completed.
258	27-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	27-09-2019	30 Days	11:10	11:25	job completed.
259	26-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	26-09-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
260	25-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	25-09-2019	30 Days	14:50	15:15	Lubrication work is completed.
261	25-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	25-09-2019	30 Days	14:05	14:20	job completed.
262	25-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	25-09-2019	30 Days	15:45	16:00	job completed.
263	25-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	25-09-2019	30 Days	16:05	16:15	job completed.
264	24-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-09-2019	15 Days	06:20	06:33	job completed.
265	21-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	21-09-2019	15 Days	16:15	16:30	VIBRATION = 2.6 mm/s
266	21-09-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-09-2019	15 Days	18:00	18:30	lubrication work completed.
267	21-09-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-09-2019	15 Days	17:30	18:00	LUBRICATION COMPLETED.
268	20-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	20-09-2019	15 Days	01:30	01:45	GREASING DONE.
269	20-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	20-09-2019	15 Days	01:45	02:00	GREASING DONE.
270	20-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	20-09-2019	30 Days	02:00	02:15	GREASING DONE.
271	20-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	20-09-2019	90 Days	04:10	04:30	TIGHTNESS CHECKING DONE.
272	20-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	20-09-2019	90 Days	04:30	04:55	TIGHTNESS CHECKING DONE
273	20-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	20-09-2019	90 Days	04:20	04:40	TIGHTNESS CHECKING DONE.
274	16-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	16-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
275	16-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	16-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
276	16-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	16-09-2019	15 Days	06:30	07:00	LUBRICATION WORK IS COMPLETED.
277	16-09-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	16-09-2019	15 Days	07:30	08:00	LUBRICATION WORK IS COMPLETED.
278	16-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	16-09-2019	15 Days	12:30	13:00	LUBRICATION WORK IS COMPLETED.
279	16-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	16-09-2019	15 Days	13:00	13:20	LUBRICATION WORK IS COMPLETED.
280	16-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	16-09-2019	15 Days	13:20	13:40	LUBRICATION WORK IS COMPLETED.
281	15-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	15-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
282	15-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-09-2019	30 Days	09:00	09:20	checking completed.
283	14-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	14-09-2019	15 Days	13:00	14:00	gearbox-2.8mm/s motor-3.1mm/s
284	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	13-09-2019	15 Days	06:30	06:50	LUBRICATION WORK DONE.
285	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	13-09-2019	15 Days	07:20	07:45	LUBRICATION WORK DONE.

286	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	13-09-2019	15 Days	07:45	08:00	LUBRICATION WORK DONE.
287	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	13-09-2019	15 Days	08:20	08:40	LUBRICATION WORK DONE.
288	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	13-09-2019	15 Days	08:40	09:00	LUBRICATION WORK DONE.
289	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	13-09-2019	15 Days	09:00	09:20	LUBRICATION WORK DONE.
290	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	13-09-2019	15 Days	09:20	09:45	LUBRICATION WORK DONE.
291	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	13-09-2019	15 Days	15:00	15:20	VIBRATION= 3.6 mm/s
292	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	13-09-2019	15 Days	15:45	16:00	VIBRATION= 3.7 mm/s
293	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	13-09-2019	30 Days	08:45	09:00	checking completed.
294	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	13-09-2019	30 Days	09:20	09:40	checking completed
295	13-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	13-09-2019	30 Days	09:40	10:10	checking completed.
296	12-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
297	12-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	12-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
298	09-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	09-09-2019	30 Days	07:20	07:40	Lubrication completed.
299	08-09-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
300	07-09-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-09-2019	15 Days	14:20	14:40	LUBRICATION WORK COMPLETED.
301	06-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	06-09-2019	90 Days	07:30	08:30	job completed.
302	05-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	05-09-2019	30 Days	23:00	23:15	Lubrication work is completed.
303	05-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	05-09-2019	30 Days	23:15	23:30	Lubrication work is completed.
304	05-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	05-09-2019	15 Days	01:30	02:00	Lubrication work is completed.
305	05-09-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	05-09-2019	30 Days	05:00	05:30	Lubrication work is completed.
306	04-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	04-09-2019	15 Days	08:00	08:30	LUBRICATION COMPLETED.
307	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	03-09-2019	30 Days	01:45	02:00	lubrication work is completed.
308	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	03-09-2019	30 Days	02:00	02:15	lubrication work is completed.
309	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	03-09-2019	30 Days	02:15	02:30	lubrication work is completed.
310	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	03-09-2019	30 Days	03:00	03:15	lubrication work is completed.
311	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	03-09-2019	30 Days	03:15	03:45	lubrication work is completed.
312	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	03-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
313	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	03-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
314	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	03-09-2019	30 Days	22:30	22:45	Lubrication work is completed.
315	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	03-09-2019	30 Days	22:45	23:00	Lubrication work is completed.
316	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	03-09-2019	15 Days	01:00	01:30	Lubrication work is completed.
317	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	03-09-2019	30 Days	04:30	05:00	Lubrication work is completed.

318	03-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	03-09-2019	30 Days	07:00	07:20	Lubrication completed.
319	01-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	01-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
320	01-09-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	01-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
321	31-08-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	31-08-2019	180 Days	01:00	01:15	tightness checking done.
322	31-08-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	31-08-2019	180 Days	01:15	01:30	tightness checking done.
323	31-08-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	31-08-2019	180 Days	01:30	01:45	tightness checking done.
324	31-08-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	31-08-2019	180 Days	01:45	02:00	tightness checking done.
325	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	31-08-2019	90 Days	02:00	02:15	tightness checking done.
326	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	31-08-2019	90 Days	02:15	02:30	tightness checking done.
327	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	31-08-2019	90 Days	02:30	02:45	tightness checking done.
328	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	31-08-2019	90 Days	02:45	03:00	tightness checking done.
329	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	31-08-2019	90 Days	03:00	03:15	tightness checking done.
330	31-08-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	31-08-2019	90 Days	03:15	03:30	tightness checking done.
331	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	31-08-2019	15 Days	03:30	03:45	tightness checking done.
332	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	31-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
333	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	31-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
334	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	31-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
335	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	31-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
336	31-08-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	31-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
337	31-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	31-08-2019	30 Days	15:30	15:40	LUBRICATION COMPLETED
338	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	30-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
339	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	30-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
340	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	30-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
341	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	30-08-2019	90 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
342	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	30-08-2019	15 Days	11:20	11:40	GEARBOX-1.8MM/S MOTOR-2.1MM/S
343	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	30-08-2019	15 Days	11:40	12:00	GEARBOX-2.1MM/S MOTOR-1.9MM/S
344	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	30-08-2019	15 Days	12:00	12:20	GEARBOX-1.9MM/S MOTOR-2.4MM/S
345	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	30-08-2019	30 Days	15:20	15:40	LUBRICATION COMPLETED
346	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-08-2019	15 Days	16:40	17:00	LUBRICATION COMPLETED
347	30-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	30-08-2019	30 Days	16:00	16:30	LUBRICATION COMPLETED
348	29-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	29-08-2019	15 Days	11:00	11:20	GEAR BOX-1.9MM/S MOTOR-2.3MM/S
349	29-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	29-08-2019	30 Days	14:40	15:00	LUBRICATION COMPLETED

350	29-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	29-08-2019	30 Days	15:00	15:20	LUBRICATION COMPLETED
351	29-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	29-08-2019	15 Days	15:30	15:50	LUBRICATION COMPLETED
352	27-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	27-08-2019	90 Days	16:30	16:45	BASE BOLT TIGHTNESS DONE.
353	27-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	27-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
354	26-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	26-08-2019	30 Days	14:10	14:30	LUBRICATION WORK DONE.
355	26-08-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	26-08-2019	90 Days	15:00	15:30	BASE BOLT TIGHTNESS
356	25-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	25-08-2019	15 Days	06:00	06:30	LUBRICATION WORK DONE.
357	25-08-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	25-08-2019	15 Days	06:30	07:00	LUBRICATION WORK DONE.
358	25-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	25-08-2019	15 Days	07:30	08:00	LUBRICATION WORK DONE.
359	21-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	21-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
360	21-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	21-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
361	20-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
362	20-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	20-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
363	20-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
364	19-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	19-08-2019	90 Days	14:00	16:00	BASE BOLT TIGHTNESS CHECKING OK.
365	18-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	18-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
366	18-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	18-08-2019	90 Days	14:40	15:00	completed
367	18-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	18-08-2019	90 Days	15:00	15:20	completed.
368	17-08-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	17-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
369	17-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	17-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
370	17-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	17-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
371	17-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	17-08-2019	15 Days	18:45	19:10	LUBRICATION WORK COMPLETED
372	17-08-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	17-08-2019	15 Days	20:15	20:35	LUBRICATION WORK DONE
373	16-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	16-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
374	16-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	16-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
375	16-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	16-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
376	15-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	15-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
377	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	14-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
378	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	14-08-2019	90 Days	14:30	14:40	BASE BOLT TIGHTNESS WORK IS COMPLETED.
379	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	14-08-2019	90 Days	14:40	14:50	BASE BOLT TIGHTNESS WORK IS COMPLETED.
380	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	14-08-2019	90 Days	14:50	15:00	BASE BOLT TIGHTNESS WORK IS COMPLETED.
381	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	14-08-2019	30 Days	15:00	15:10	BASE BOLT TIGHTNESS WORK IS COMPLETED.

382	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	14-08-2019	30 Days	15:10	15:20	BASE BOLT TIGHTNESS WORK IS COMPLETED.
383	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	14-08-2019	30 Days	15:20	15:30	BASE BOLT TIGHTNESS WORK IS COMPLETED.
384	14-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	14-08-2019	15 Days	15:30	15:40	BASE BOLT TIGHTNESS WORK IS COMPLETED.
385	13-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	13-08-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
386	13-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	13-08-2019	15 Days	18:30	18:45	vibration = 2.5 mm/s
387	13-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	13-08-2019	15 Days	18:45	19:00	vibration = 2.8 mm/s
388	13-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	13-08-2019	15 Days	19:00	19:15	vibration = 2.9 mm/s
389	13-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	13-08-2019	15 Days	19:15	19:25	vibration = 2.6 mm/s
390	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	12-08-2019	90 Days	12:30	12:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
391	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	12-08-2019	90 Days	13:15	13:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
392	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	12-08-2019	90 Days	13:30	13:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
393	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	12-08-2019	30 Days	14:10	14:40	LUBRICATION WORK DONE.
394	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	12-08-2019	30 Days	14:40	15:10	LUBRICATION WORK DONE.
395	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-08-2019	15 Days	16:00	16:30	LUBRICATION WORK DONE.
396	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	12-08-2019	15 Days	16:30	16:45	LUBRICATION WORK DONE.
397	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-08-2019	15 Days	16:45	17:00	LUBRICATION WORK DONE.
398	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	12-08-2019	15 Days	17:30	17:45	LUBRICATION WORK DONE.
399	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	12-08-2019	15 Days	17:45	18:10	LUBRICATION WORK DONE.
400	12-08-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-08-2019	15 Days	18:15	18:40	LUBRICATION WORK DONE.
401	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	12-08-2019	15 Days	18:45	19:10	LUBRICATION WORK DONE.
402	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	12-08-2019	15 Days	19:30	20:00	LUBRICATION WORK DONE.
403	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	12-08-2019	15 Days	20:00	20:30	LUBRICATION WORK DONE.
404	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	12-08-2019	15 Days	20:50	21:10	LUBRICATION WORK DONE.
405	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	12-08-2019	15 Days	21:10	21:40	LUBRICATION WORK DONE.
406	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	12-08-2019	15 Days	21:40	22:00	LUBRICATION WORK DONE.
407	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	12-08-2019	15 Days	22:20	22:40	LUBRICATION WORK DONE.
408	12-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-08-2019	15 Days	22:40	23:00	LUBRICATION WORK DONE.
409	09-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	09-08-2019	90 Days	14:20	14:40	completed
410	09-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	09-08-2019	90 Days	14:40	15:00	completed.
411	09-08-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	09-08-2019	90 Days	15:00	15:20	completed.
412	09-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	09-08-2019	30 Days	08:00	08:20	lubrication work completed
413	09-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	09-08-2019	30 Days	08:30	09:00	Lubrication work completed.

414	08-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	08-08-2019	15 Days	14:30	14:45	LUBRICATION WORK DONE.
415	06-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	06-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
416	06-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	06-08-2019	30 Days	08:00	08:30	LUBRICATION WORK COMPLETED.
417	06-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	06-08-2019	30 Days	08:30	08:40	LUBRICATION WORK COMPLETED.
418	06-08-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	06-08-2019	30 Days	09:00	09:20	LUBRICATION WORK COMPLETED.
419	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	04-08-2019	30 Days	14:10	14:30	LUBRICATION WORK DONE.
420	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	04-08-2019	30 Days	14:30	14:50	LUBRICATION WORK IS COMPLETED.
421	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	04-08-2019	30 Days	15:00	15:20	LUBRICATION WORK IS COMPLETED.
422	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	04-08-2019	30 Days	15:20	15:40	LUBRICATION WORK IS COMPLETED.
423	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	04-08-2019	15 Days	16:00	16:30	LUBRICATION WORK IS COMPLETED.
424	04-08-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	04-08-2019	15 Days	16:30	17:00	LUBRICATION WORK IS COMPLETED.
425	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	04-08-2019	15 Days	17:00	17:30	LUBRICATION WORK IS COMPLETED.
426	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	04-08-2019	30 Days	15:30	15:50	LUBRICATION WORK COMPLETED.
427	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	04-08-2019	30 Days	15:50	16:10	LUBRICATION WORK COMPLETED.
428	04-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	04-08-2019	30 Days	16:10	16:30	LUBRICATION WORK COMPLETED.
429	02-08-2019	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	02-08-2019	90 Days	06:30	07:00	BASE BOLT TIGHTNESS CHECKING WORK IS COMPLETED.
430	02-08-2019	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	02-08-2019	90 Days	07:00	07:30	BASE BOLT TIGHTNESS CHECKING WORK IS COMPLETED.
431	02-08-2019	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	02-08-2019	90 Days	09:00	09:30	BASE BOLT TIGHTNESS WORK IS COMPLETED.
432	02-08-2019	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	02-08-2019	90 Days	09:30	10:00	BASE BOLT TIGHTNESS WORK IS COMPLETED.
433	01-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	01-08-2019	15 Days	14:30	15:10	LUBRICATION WORK IS COMPLETED.
434	01-08-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	01-08-2019	15 Days	16:15	16:45	LUBRICATION WORK IS COMPLETED.
435	01-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	01-08-2019	30 Days	07:00	07:30	LUBRICATION WORK IS COMPLETED
436	01-08-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-08-2019	30 Days	07:30	08:00	BOLT TIGHTNESS CHECKING WORK IS COMPLETED.
437	01-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	01-08-2019	30 Days	09:00	09:10	LUBRICATED BY LUBRICATION CARTIEGE.
438	01-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	01-08-2019	30 Days	09:20	09:40	LUBRICATED BY LUBRICATION CARTIEGE
439	01-08-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	01-08-2019	30 Days	09:40	09:50	LUBRICATED BY LUBRICATION CARTIEGE.
440	30-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	30-07-2019	15 Days	15:00	15:30	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
441	26-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	26-07-2019	15 Days	10:30	10:45	vibration = 1.9 mm/s
442	26-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	26-07-2019	15 Days	11:00	11:15	vibration= 2.0 mm/s
443	26-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	26-07-2019	15 Days	11:15	11:30	vibration= 2.1 mm/s
444	26-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	26-07-2019	15 Days	12:00	12:15	vibration= 1.9 mm/s
445	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system

446	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
447	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
448	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
449	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
450	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
451	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
452	24-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
453	23-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	23-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
454	23-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	23-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
455	23-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
456	23-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
457	23-07-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-07-2019	15 Days	07:00	07:15	lubrication work completed.
458	23-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	23-07-2019	15 Days	07:20	07:40	lubrication work completed.
459	22-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	22-07-2019	30 Days	10:00	10:15	LUBRICATION WORK COMPLETED
460	22-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	22-07-2019	30 Days	10:15	10:30	LUBRICATION WORK COMPLETED
461	22-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	22-07-2019	30 Days	10:30	10:50	LUBRICATION WORK COMPLETED
462	22-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	22-07-2019	15 Days	08:00	08:30	work is done.
463	22-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	22-07-2019	15 Days	07:15	07:45	work is done.
464	21-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	21-07-2019	30 Days	08:15	08:35	LUBRICATION WORK IS COMPLETED.
465	20-07-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	20-07-2019	15 Days	09:45	10:00	LUBRICATION WORK COMPLETED
466	20-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	20-07-2019	15 Days	10:00	10:20	LUBRICATION WORK COMPLETED
467	20-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	20-07-2019	15 Days	09:20	09:50	LUBRICATION WORK IS COMPLETED.
468	19-07-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	19-07-2019	15 Days	10:50	11:15	LUBRICATION WORK COMPLETED
469	19-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	19-07-2019	15 Days	11:15	11:30	LUBRICATION WORK COMPLETED
470	18-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	18-07-2019	30 Days	14:10	14:35	WORK IS COMPLETED.
471	18-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	18-07-2019	30 Days	14:40	15:05	WORK IS COMPLETED.
472	18-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	18-07-2019	30 Days	10:00	10:45	WORK IS COMPLETED.
473	18-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	18-07-2019	30 Days	10:50	11:30	WORK IS COMPLETED.
474	18-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	18-07-2019	30 Days	11:30	12:20	WORK IS COMPLETED.
475	17-07-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	17-07-2019	30 Days	22:10	22:30	Lubrication work is done.
476	17-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	17-07-2019	30 Days	22:35	22:55	Lubrication work is done.
477	17-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	17-07-2019	30 Days	12:45	13:15	Lubrication work is done.

478	17-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	17-07-2019	30 Days	13:15	13:45	Lubrication work is done.
479	17-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	17-07-2019	30 Days	14:15	14:40	Lubrication work is done.
480	17-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	17-07-2019	30 Days	14:45	15:10	Lubrication work is done.
481	15-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	15-07-2019	15 Days	14:10	14:30	work is done.
482	10-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	10-07-2019	15 Days	08:00	08:15	lubrication work completed by auto lubrication system.
483	10-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	10-07-2019	15 Days	08:20	08:40	lubrication work completed by auto lubrication system.
484	09-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	09-07-2019	15 Days	20:45	21:30	LUBRICATION WORK IS COMPLETED.
485	09-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	09-07-2019	15 Days	21:30	22:00	LUBRICATION WORK IS COMPLETED.
486	09-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	09-07-2019	15 Days	09:30	09:45	vibration- 3.6 mm/s
487	09-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	09-07-2019	15 Days	10:00	10:15	vibration- 3.5 mm/s
488	09-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	09-07-2019	15 Days	10:30	10:50	vibration- 3.2 mm/s
489	09-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	09-07-2019	15 Days	11:00	11:20	vibration = 3.5 mm/s
490	08-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-07-2019	15 Days	10:00	10:10	lubricated by auto lubrication system.
491	08-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-07-2019	15 Days	10:10	10:20	lubricated by auto lubrication system.
492	08-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	08-07-2019	15 Days	10:20	10:30	lubricated by auto lubrication system.
493	08-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	08-07-2019	15 Days	10:30	10:40	lubricated by auto lubrication system.
494	08-07-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-07-2019	15 Days	10:40	10:50	lubricated by auto lubrication system.
495	08-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-07-2019	15 Days	10:50	11:00	lubricated by auto lubrication system.
496	08-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	08-07-2019	15 Days	11:00	11:15	lubricated by auto lubrication system.
497	08-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	08-07-2019	30 Days	15:00	15:30	LUBRICATION DONE.
498	07-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-07-2019	15 Days	06:10	06:30	LUBRICATION WORK IS COMPLETED.
499	06-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-07-2019	15 Days	20:00	20:30	LUBRICATION WORK IS COMPLETED.
500	06-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-07-2019	15 Days	22:10	22:40	LUBRICATION WORK IS COMPLETED.
501	06-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	06-07-2019	15 Days	22:40	23:00	LUBRICATION WORK IS COMPLETED.
502	06-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	06-07-2019	15 Days	23:00	23:20	LUBRICATION WORK IS COMPLETED.
503	05-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	05-07-2019	30 Days	19:00	19:45	LUBRICATION WORK IS COMPLETED.
504	05-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	05-07-2019	15 Days	18:30	18:50	LUBRICATION WORK COMPLETED.
505	05-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-07-2019	30 Days	20:00	20:30	BOLT TIGHTNESS CHECKING WORK COMPLETED.
506	05-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	05-07-2019	30 Days	20:30	20:50	LUBRICATION WORK IS COMPLETED.
507	05-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	05-07-2019	30 Days	22:10	22:30	LUBRICATION WORK IS COMPLETED.
508	05-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	05-07-2019	30 Days	00:30	01:00	LUBRICATION WORK IS COMPLETED.
509	05-07-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	05-07-2019	30 Days	01:30	02:00	LUBRICATION WORK IS COMPLETED.

510	04-07-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	04-07-2019	15 Days	14:30	14:50	LUBRICATION WORK DONE.
511	04-07-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	04-07-2019	15 Days	08:30	08:30	LUBRICATION WORK DONE.
512	04-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	04-07-2019	15 Days	09:00	09:30	LUBRICATION WORK DONE.
513	04-07-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	04-07-2019	15 Days	10:00	10:30	LUBRICATION WORK DONE.
514	30-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	30-06-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
515	25-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	25-06-2019	15 Days	08:00	08:45	Lubrication work completed.
516	25-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	25-06-2019	15 Days	09:00	09:30	Lubrication work completed.
517	24-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-06-2019	15 Days	09:15	09:30	AUTO LUBRICATION PUMP INSTALLED.
518	24-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-06-2019	15 Days	09:30	09:45	AUTO LUBRICATION PUMP INSTALLED.
519	24-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-06-2019	15 Days	08:15	08:30	AUTO LUBRICATION PUMP INSTALLED.
520	23-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-06-2019	15 Days	00:00	24:00:00	Lubrication by auto lubrication system.
521	23-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	23-06-2019	15 Days	00:00	24:00:00	Lubrication by auto lubrication system.
522	23-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	23-06-2019	15 Days	08:00	08:15	AUTO LUBRICATION PUMP INSTALLED.
523	23-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	23-06-2019	15 Days	08:30	08:45	AUTO LUBRICATION PUMP INSTALLED.
524	23-06-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-06-2019	15 Days	09:00	09:15	AUTO LUBRICATION PUMP INSTALLED.
525	22-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	22-06-2019	15 Days	09:00	09:15	AUTO LUBRICATION PUMP INSTALLED.
526	21-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-06-2019	15 Days	07:30	07:45	AUTO LUBRICATION SYSTEM INSTALLED.
527	21-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	21-06-2019	15 Days	07:45	08:00	AUTO LUBRICATION SYSTEM INSTALLED.
528	21-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	21-06-2019	15 Days	19:00	19:15	AUTO LUBRICATION SYSTEM INSTALLED.
529	21-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	21-06-2019	15 Days	19:45	20:00	AUTO LUBRICATION SYSTEM INSTALLED.
530	21-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	21-06-2019	15 Days	22:30	22:45	AUTO LUBRICATION SYSTEM INSTALLED.
531	21-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	21-06-2019	15 Days	23:00	23:15	AUTO LUBRICATION SYSTEM INSTALLED.
532	21-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	21-06-2019	30 Days	14:15	14:35	GREASING DONE.
533	19-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	19-06-2019	15 Days	07:00	07:15	AUTO LUBRICATION SYSTEM INSTALLED.
534	19-06-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	19-06-2019	15 Days	07:15	07:30	AUTO LUBRICATION SYSTEM INSTALLED.
535	19-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	19-06-2019	15 Days	19:15	19:30	AUTO LUBRICATION SYSTEM INSTALLED.
536	19-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	19-06-2019	15 Days	22:30	22:45	AUTO LUBRICATION SYSTEM INSTALLED.
537	19-06-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	19-06-2019	15 Days	22:45	23:00	AUTO LUBRICATION SYSTEM INSTALLED.
538	18-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	18-06-2019	15 Days	16:30	16:40	GEAR BOX 4-->3.0MM/SEC MOTOR4-->4.7MM/SEC
539	18-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	18-06-2019	30 Days	14:35	15:00	GREASING DONE.
540	18-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	18-06-2019	30 Days	15:00	15:20	GREASING DONE.
541	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	17-06-2019	30 Days	08:00	08:15	GREASING DONE.

542	17-06-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	17-06-2019	30 Days	08:15	08:30	GREASING DONE.
543	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	17-06-2019	30 Days	08:30	08:45	GREASING DONE.
544	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	17-06-2019	30 Days	08:45	09:00	GREASING DONE.
545	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	17-06-2019	30 Days	09:00	09:15	GREASING DONE.
546	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	17-06-2019	30 Days	09:15	09:30	GREASING DONE.
547	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	17-06-2019	30 Days	09:30	09:45	GREASING DONE.
548	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	17-06-2019	30 Days	09:45	10:00	GREASING DONE.
549	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	17-06-2019	30 Days	10:00	10:15	GREASING DONE.
550	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	17-06-2019	15 Days	16:00	16:15	MOTOR1->3.7MM/SEC GEAR BOX1-->3.5MM/SEC
551	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	17-06-2019	15 Days	16:15	16:20	GEAR BOX 2-->3.6MM/SEC MOTOR2-->3.0MM/SEC
552	17-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	17-06-2019	15 Days	16:20	16:30	GEAR BOX 3-->4.0MM/SEC MOTOR-->3.7MM/SEC
553	16-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	16-06-2019	90 Days	10:00	10:15	TIGHTNESS CHECKING DONE.
554	16-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	16-06-2019	90 Days	10:15	10:30	TIGHTNESS CHECKING DONE.
555	16-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-06-2019	30 Days	10:30	10:45	TIGHTNESS CHECKING DONE.
556	16-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-06-2019	30 Days	10:45	11:00	TIGHTNESS CHECKING DONE.
557	16-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-06-2019	30 Days	11:00	11:15	TIGHTNESS CHECKING DONE.
558	16-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	16-06-2019	15 Days	11:15	11:30	TIGHTNESS CHECKING DONE.
559	12-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	12-06-2019	90 Days	14:00	14:45	TORQUING COMPLETED
560	10-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	10-06-2019	15 Days	12:20	12:40	Lubrication work done.
561	10-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	10-06-2019	15 Days	15:00	15:15	GREASING DONE.
562	09-06-2019	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	09-06-2019	90 Days	11:00	11:30	Base bolts tightness work completed.
563	09-06-2019	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	09-06-2019	90 Days	11:30	12:00	Base bolts tightness work completed.
564	09-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	09-06-2019	15 Days	12:00	12:20	Lubrication work done.
565	09-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	09-06-2019	15 Days	12:40	13:10	Lubrication work done.
566	09-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	09-06-2019	15 Days	13:15	13:40	Lubrication work done.
567	09-06-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-06-2019	15 Days	15:30	16:00	Lubrication work done.
568	07-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	07-06-2019	90 Days	10:00	11:00	BOLT TIGHTNESS CHECKING DONE.
569	07-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	07-06-2019	30 Days	12:00	12:45	LUBRICATION DONE.
570	07-06-2019	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	07-06-2019	90 Days	11:00	11:30	BASE BOLT TIGHTNESS CHECKING WORK DONE AND FOUND OK.
571	07-06-2019	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	07-06-2019	90 Days	12:51	13:20	BASE BOLT TIGHTNESS CHECKING WORK DONE AND FOUND OK.
572	07-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-06-2019	15 Days	11:25	11:30	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
573	07-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-06-2019	15 Days	15:05	15:10	LUBRICATED BY AUTO LUBRICATION SYSTEMS.

574	07-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-06-2019	15 Days	14:05	14:10	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
575	07-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-06-2019	15 Days	16:05	16:10	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
576	06-06-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	06-06-2019	15 Days	15:00	15:05	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
577	06-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-06-2019	15 Days	16:00	16:05	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
578	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	05-06-2019	30 Days	14:00	14:20	GREASING DONE.
579	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	05-06-2019	30 Days	14:25	14:40	GREASING WORK DONE.
580	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	05-06-2019	30 Days	14:45	15:00	GREASING WORK DONE.
581	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	05-06-2019	30 Days	15:15	15:30	GREASING WORK DONE.
582	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	05-06-2019	15 Days	11:25	11:30	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
583	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	05-06-2019	15 Days	11:30	11:35	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
584	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	05-06-2019	15 Days	11:30	11:35	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
585	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	05-06-2019	15 Days	10:10	10:15	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
586	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	05-06-2019	15 Days	10:40	10:45	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
587	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	05-06-2019	15 Days	11:00	11:05	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
588	05-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	05-06-2019	15 Days	10:45	10:50	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
589	04-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	04-06-2019	15 Days	11:00	11:05	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
590	04-06-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	04-06-2019	15 Days	11:10	11:15	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
591	03-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-06-2019	30 Days	14:05	14:50	BOLT TIGHTNESS CHECKING WORK DONE AND FOUND OK.
592	03-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	03-06-2019	15 Days	11:00	11:20	BASE BOLT TIGHTNESS CHECKING WORK DONE .
593	02-06-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	02-06-2019	30 Days	12:00	12:45	LUBRICATION DONE.
594	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	10:00	10:20	base bolt tightness checking work is completed.
595	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	10:20	10:40	base bolt tightness checking work is completed.
596	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	10:40	11:00	base bolt tightness checking work is completed.
597	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	11:00	11:15	base bolt tightness checking work is completed.
598	30-05-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	11:15	11:25	base bolt tightness checking work is completed.
599	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	11:25	11:35	base bolt tightness checking work is completed.
600	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	11:35	11:55	base bolt tightness checking work is completed.
601	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	12:00	12:10	base bolt tightness checking work is completed.
602	30-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	12:10	12:30	base bolt tightness checking work is completed.
603	27-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	27-05-2019	90 Days	10:10	10:30	TIGHTNESS CHECKING DONE.
604	27-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	27-05-2019	90 Days	10:20	10:40	TIGHTNESS CHECKING DONE
605	26-05-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	26-05-2019	90 Days	08:50	09:10	Tightness checking done.

606	26-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	26-05-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
607	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	21-05-2019	90 Days	22:30	22:45	BASE BOLT TIGHTNESS CHECKING DONE.
608	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	21-05-2019	90 Days	23:15	23:30	BASE BOLT TIGHTNESS CHECKING DONE.
609	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	21-05-2019	30 Days	11:15	11:30	LUBRICATION DONE MANUALLY.
610	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	21-05-2019	30 Days	12:15	12:30	LUBRICATION DONE MANUALLY.
611	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	21-05-2019	30 Days	12:30	12:45	LUBRICATION DONE MANUALLY.
612	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	21-05-2019	15 Days	06:30	06:45	AUTO LUBRICATION PUMP INSTALLED.
613	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	21-05-2019	15 Days	07:00	07:15	AUTO LUBRICATION PUMP INSTALLED.
614	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-05-2019	15 Days	07:15	07:30	AUTO LUBRICATION PUMP INSTALLED.
615	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	21-05-2019	15 Days	08:00	08:15	AUTO LUBRICATION PUMP INSTALLED.
616	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	21-05-2019	15 Days	08:15	08:30	AUTO LUBRICATION PUMP INSTALLED.
617	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-05-2019	15 Days	08:30	08:45	AUTO LUBRICATION PUMP INSTALLED.
618	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	21-05-2019	15 Days	09:00	09:15	AUTO LUBRICATION PUMP INSTALLED.
619	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	21-05-2019	15 Days	09:30	09:45	AUTO LUBRICATION PUMP INSTALLED.
620	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	21-05-2019	15 Days	09:45	10:00	AUTO LUBRICATION PUMP INSTALLED.
621	21-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-05-2019	15 Days	09:45	10:10	LUBRICATION DONE MANUALLY.
622	21-05-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-05-2019	15 Days	10:10	10:30	LUBRICATION DONE MANUALLY.
623	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	20-05-2019	15 Days	16:45	17:00	VIBRATION CHECKED BY ACMEI TEAM & FOUND NORMAL(3.5MM/SEC)
624	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-05-2019	15 Days	06:00	06:15	AUTO LUBRICATION PUMP INSTALLED.
625	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-05-2019	15 Days	06:15	06:30	AUTO LUBRICATION PUMP INSTALLED.
626	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	20-05-2019	15 Days	06:45	07:00	AUTO LUBRICATION PUMP INSTALLED.
627	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	20-05-2019	15 Days	07:30	07:45	AUTO LUBRICATION PUMP INSTALLED.
628	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	20-05-2019	15 Days	08:00	08:15	AUTO LUBRICATION PUMP INSTALLED.
629	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	20-05-2019	15 Days	12:00	12:15	AUTO LUBRICATION PUMP INSTALLED.
630	20-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	20-05-2019	15 Days	12:15	12:30	AUTO LUBRICATION PUMP INSTALLED.
631	19-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	19-05-2019	30 Days	23:00	23:55	MANUALLY GREASING DONE.
632	19-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	19-05-2019	30 Days	11:30	11:45	LUBRICATION DONE MANUALLY.
633	19-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	19-05-2019	30 Days	11:30	11:45	LUBRICATION DONE MANUALLY.
634	19-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	19-05-2019	30 Days	11:45	12:00	LUBRICATION DONE MANUALLY.
635	19-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	19-05-2019	30 Days	12:00	12:15	LUBRICATION DONE MANUALLY.
636	19-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	19-05-2019	15 Days	09:00	09:20	LUBRICATION DONE MANUALLY.
637	19-05-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	19-05-2019	15 Days	10:45	11:15	LUBRICATION DONE MANUALLY.

638	18-05-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	18-05-2019	90 Days	10:00	10:20	Tightness checking done.
639	18-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	18-05-2019	15 Days	16:00	16:15	VIBRATION CHECKED BY ACMEI TEAM & FOUND NORMAL(4.1MM/SEC)
640	18-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	18-05-2019	15 Days	16:15	16:30	VIBRATION CHECKED BY ACMEI TEAM & FOUND NORMAL(3.2MM/SEC)
641	18-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	18-05-2019	15 Days	16:30	16:45	VIBRATION CHECKED BY ACMEI TEAM & FOUND NORMAL(3.2MM/SEC)
642	18-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	18-05-2019	30 Days	11:00	11:15	LUBRICATION DONE MANUALLY.
643	18-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	18-05-2019	30 Days	12:45	13:00	LUBRICATION DONE MANUALLY.
644	18-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	18-05-2019	30 Days	13:00	13:15	LUBRICATION DONE MANUALLY.
645	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	17-05-2019	15 Days	20:00	20:15	BASE BOLT TIGHTNESS CHECKING DONE.
646	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-05-2019	30 Days	20:15	20:30	BASE BOLT TIGHTNESS CHECKING DONE.
647	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-05-2019	30 Days	20:45	21:00	BASE BOLT TIGHTNESS CHECKING DONE.
648	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-05-2019	30 Days	21:00	21:15	BASE BOLT TIGHTNESS CHECKING DONE.
649	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	17-05-2019	90 Days	22:15	22:30	BASE BOLT TIGHTNESS CHECKING DONE.
650	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	17-05-2019	90 Days	23:00	23:15	BASE BOLT TIGHTNESS CHECKING DONE.
651	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	17-05-2019	90 Days	23:30	23:45	BASE BOLT TIGHTNESS CHECKING DONE.
652	17-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	17-05-2019	90 Days	23:45	23:58	BASE BOLT TIGHTNESS CHECKING DONE.
653	13-05-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	13-05-2019	30 Days	00:00	24:00:00	LUBRICATED BY LUBRICATION CARTIRAGE.
654	13-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	13-05-2019	90 Days	15:30	15:50	Job Completed.
655	13-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	13-05-2019	90 Days	16:10	16:25	Job Completed.
656	12-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	12-05-2019	15 Days	15:00	15:15	Greasing is done by auto lubrication system, delivery line checked & found ok.
657	12-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	12-05-2019	30 Days	14:00	14:30	LUBRICATION COMPLETED
658	12-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	12-05-2019	90 Days	15:50	16:10	Job Completed.
659	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	05-05-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
660	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	05-05-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
661	05-05-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	05-05-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
662	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	05-05-2019	30 Days	08:00	08:15	greasing done.
663	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	05-05-2019	30 Days	08:15	08:30	greasing done.
664	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	05-05-2019	30 Days	08:30	08:45	greasing done.
665	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	05-05-2019	30 Days	08:45	09:00	greasing done.
666	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	05-05-2019	15 Days	09:00	09:15	greasing done.
667	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	05-05-2019	15 Days	09:15	09:30	greasing done.
668	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	05-05-2019	15 Days	09:30	09:45	greasing done.
669	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	05-05-2019	15 Days	09:45	10:00	greasing done.

670	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	05-05-2019	15 Days	10:00	10:15	greasing done.
671	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	05-05-2019	15 Days	10:15	10:30	greasing done.
672	05-05-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	05-05-2019	15 Days	10:30	10:45	greasing done.
673	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	05-05-2019	15 Days	10:45	11:00	greasing done.
674	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	05-05-2019	15 Days	11:00	11:15	greasing done.
675	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	05-05-2019	15 Days	11:15	11:30	greasing done.
676	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-05-2019	15 Days	11:30	11:45	greasing done.
677	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-05-2019	15 Days	11:45	12:00	greasing done.
678	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	05-05-2019	15 Days	12:00	12:15	greasing done.
679	05-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	05-05-2019	15 Days	12:15	12:30	greasing done.
680	03-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	03-05-2019	15 Days	08:00	08:20	gearbox-1.8mm/s motor-2.4mm/s
681	03-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	03-05-2019	15 Days	08:20	08:50	gearbox-2.9mm/s motor-3.3mm/s
682	01-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	01-05-2019	30 Days	10:00	11:00	CHECKING COMPLETED.
683	01-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	01-05-2019	30 Days	11:00	12:00	LUBRICATION COMPLETED.
684	01-05-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-05-2019	30 Days	12:00	13:00	BOLT TIGHTNESS CHECKING COMPLETED.
685	27-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	27-04-2019	15 Days	09:00	09:30	lubricated by auto lubrication system.
686	26-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
687	26-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
688	26-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
689	26-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
690	26-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
691	26-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	26-04-2019	15 Days	11:00	11:15	VIBRATION CHECKING WORK DONE. VIBRATION - 3.8 MM/S
692	21-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-04-2019	15 Days	14:45	15:10	lubrication work done .
693	20-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-04-2019	15 Days	13:05	13:15	Lubrication work done by Auto lubrication system.
694	20-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	20-04-2019	15 Days	14:10	14:18	Lubrication work done by Auto lubrication system.
695	20-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	20-04-2019	15 Days	14:25	14:35	Lubrication work done by Auto lubrication system.
696	20-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	20-04-2019	15 Days	14:40	14:50	Lubrication work done by Auto lubrication system.
697	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	18-04-2019	15 Days	14:00	14:15	greasing done.
698	18-04-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	18-04-2019	15 Days	14:15	14:30	greasing done.
699	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	18-04-2019	15 Days	14:30	14:45	greasing done.
700	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	18-04-2019	15 Days	14:45	15:00	greasing done.
701	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	18-04-2019	15 Days	15:00	15:15	greasing done.

702	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	18-04-2019	15 Days	15:15	15:30	greasing done.
703	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	18-04-2019	15 Days	15:30	15:45	greasing done.
704	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	18-04-2019	15 Days	15:45	16:00	greasing done.
705	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	18-04-2019	15 Days	16:00	16:15	greasing done.
706	18-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	18-04-2019	15 Days	16:15	16:30	greasing done.
707	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	17-04-2019	30 Days	14:00	14:15	greasing done.
708	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	17-04-2019	30 Days	14:15	14:30	greasing done.
709	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	17-04-2019	30 Days	14:30	14:45	greasing done.
710	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	17-04-2019	30 Days	14:45	15:00	greasing done.
711	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	17-04-2019	30 Days	15:00	15:15	greasing done.
712	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	17-04-2019	30 Days	15:15	15:30	greasing done.
713	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	17-04-2019	30 Days	15:30	15:45	greasing done.
714	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	17-04-2019	30 Days	15:45	16:00	greasing done.
715	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	17-04-2019	30 Days	16:00	16:15	greasing done.
716	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	17-04-2019	30 Days	16:15	16:30	greasing done.
717	17-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	17-04-2019	15 Days	16:30	16:45	greasing done.
718	17-04-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	17-04-2019	15 Days	16:45	17:00	greasing done.
719	16-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-04-2019	30 Days	14:00	14:15	tightness checking done.
720	16-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-04-2019	30 Days	14:15	14:30	tightness checking done.
721	16-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-04-2019	30 Days	14:30	14:45	tightness checking done.
722	16-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	16-04-2019	15 Days	14:45	15:00	tightness checking done.
723	16-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	16-04-2019	15 Days	10:30	10:40	GEAR BOX 1- 2.1 MM/S MOTOR 1- 2.3 MM/S
724	10-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	10-04-2019	15 Days	11:00	11:10	GEAR BOX 2-2.0 MM/S MOTOR 2- 2.3 MM/S
725	09-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	09-04-2019	15 Days	11:30	11:40	GEAR BOX 4- MOTOR 4-
726	08-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	08-04-2019	15 Days	14:30	15:50	Lubrication completed
727	08-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-04-2019	15 Days	22:00	23:00	Lubication completed
728	08-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	08-04-2019	15 Days	22:15	23:15	Lubrication completed
729	08-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	08-04-2019	15 Days	22:20	23:00	Lubrication completed
730	08-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-04-2019	15 Days	22:30	23:40	Lubrication completed
731	08-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	08-04-2019	30 Days	14:30	15:30	Lubrication completed
732	08-04-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	08-04-2019	30 Days	22:15	23:55	lubrication completed
733	08-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	08-04-2019	15 Days	11:15	11:25	GEAR BOX 3- 2.2 MM/S MOTOR 3- 2.3 MM/S

734	05-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	05-04-2019	15 Days	08:00	08:15	greasing done.
735	05-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	05-04-2019	15 Days	08:15	08:30	greasing done.
736	05-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-04-2019	15 Days	08:30	08:45	greasing done.
737	05-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-04-2019	15 Days	08:45	09:00	greasing done.
738	05-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	05-04-2019	15 Days	09:00	09:15	greasing done.
739	05-04-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	05-04-2019	15 Days	09:15	09:30	greasing done.
740	04-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	04-04-2019	30 Days	00:00	24:00:00	LUBRICATED BY LUBRICATION CARTIEGE
741	03-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	03-04-2019	30 Days	14:20	14:35	Lubrication is done by auto lubrication cartridge, level & delivery line checked & found ok.
742	03-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	03-04-2019	30 Days	14:30	14:40	Lubrication is done by auto lubrication cartridge, level & delivery line checked & found ok.
743	03-04-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	03-04-2019	30 Days	14:30	14:50	Lubrication done.
744	30-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	30-03-2019	30 Days	08:00	09:30	COMPLETED
745	30-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	30-03-2019	30 Days	09:30	10:30	COMPLETED
746	30-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	30-03-2019	30 Days	11:00	12:30	COMPLETED
747	30-03-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	30-03-2019	15 Days	14:00	15:00	COMPLETED
748	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	24-03-2019	15 Days	20:30	20:40	Lubrication work is completed.
749	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	24-03-2019	15 Days	20:40	20:50	Lubrication work is completed.
750	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-03-2019	15 Days	20:55	23:10	Lubrication work is completed.
751	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-03-2019	15 Days	23:15	23:30	Lubrication work is completed.
752	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	24-03-2019	15 Days	20:00	20:20	VIBRATION CHECKING WORK IS COMPLETED.
753	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	24-03-2019	15 Days	20:20	20:40	VIBRATION CHECKING WORK IS COMPLETED.
754	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	24-03-2019	15 Days	20:40	23:00	VIBRATION CHECKING WORK IS COMPLETED.
755	24-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	24-03-2019	15 Days	23:00	23:10	VIBRATION CHECKING WORK IS COMPLETED.
756	23-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	23-03-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
757	23-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	23-03-2019	15 Days	22:15	22:40	BASE BOLT TIGHTNESS WORK IS COMPLETED.
758	23-03-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	23-03-2019	15 Days	22:10	22:20	Lubrication work is completed.
759	23-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	23-03-2019	15 Days	22:30	22:40	Lubrication work is completed.
760	23-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	23-03-2019	15 Days	22:45	22:55	Lubrication work is completed.
761	21-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-03-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
762	21-03-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-03-2019	15 Days	14:00	15:00	LUBRICATION WORK DONE.
763	20-03-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	20-03-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
764	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	19-03-2019	15 Days	08:15	08:45	lubrication work done.
765	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	19-03-2019	15 Days	08:00	08:10	LUBRICATED BY MANUALLY.

766	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-03-2019	15 Days	08:10	08:20	LUBRICATED BY MANUALLY.
767	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	19-03-2019	15 Days	08:20	08:35	LUBRICATED BY MANUALLY.
768	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	19-03-2019	15 Days	08:35	08:50	LUBRICATED BY MANUALLY.
769	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	19-03-2019	15 Days	08:35	08:50	LUBRICATED BY MANUALLY.
770	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-03-2019	15 Days	08:50	09:00	LUBRICATED BY MANUALLY.
771	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	19-03-2019	15 Days	09:05	09:20	LUBRICATED BY MANUALLY.
772	19-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	19-03-2019	15 Days	09:20	09:40	LUBRICATED BY MANUALLY.
773	17-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	17-03-2019	30 Days	10:30	10:45	lubrication done.
774	16-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	16-03-2019	30 Days	01:00	01:30	greasing done.
775	12-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-03-2019	15 Days	11:00	11:15	GREASING DONE.
776	11-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	11-03-2019	15 Days	14:50	15:05	Lubrication is done by auto lubrication system, delivery line checked & found ok.
777	11-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	11-03-2019	15 Days	14:30	14:45	Lubrication is done by auto lubrication system, delivery line checked & found ok.
778	11-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	11-03-2019	15 Days	14:45	15:00	Lubrication is done by auto lubrication system, delivery line checked & found ok.
779	11-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	11-03-2019	15 Days	15:10	15:25	Lubrication is done by auto lubrication system, delivery line checked & found ok.
780	11-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	11-03-2019	15 Days	15:40	15:55	Lubrication is done by auto lubrication system, delivery line checked & found ok.
781	11-03-2019	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	11-03-2019	90 Days	15:40	16:20	Base bolt tightness checking done.
782	11-03-2019	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	11-03-2019	90 Days	14:25	15:00	Base bolt tightness checking done.
783	11-03-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	11-03-2019	15 Days	15:00	15:30	LUBRICATION DONE BY MANUALLY.
784	10-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	10-03-2019	30 Days	14:00	14:30	BOLT TIGHTNESS TIGHTNESS CHECKING WORK DONE.
785	10-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	10-03-2019	30 Days	14:30	15:00	BOLT TIGHTNESS TIGHTNESS CHECKING WORK DONE.
786	08-03-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-03-2019	15 Days	14:30	14:45	greasing done.
787	08-03-2019	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	08-03-2019	90 Days	14:45	15:00	tightness checking done.
788	08-03-2019	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	08-03-2019	90 Days	15:00	15:15	tightness checking done.
789	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	06-03-2019	15 Days	14:15	14:30	Lubricated by auto lubrication system.
790	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-03-2019	15 Days	11:00	11:10	LUBRICATED BY AUTO LUBRICATION SYSTEM.
791	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	06-03-2019	15 Days	11:15	11:30	LUBRICATED BY AUTO LUBRICATION SYSTEM.
792	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	06-03-2019	15 Days	11:40	11:50	LUBRICATED BY MANUALLY.
793	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	06-03-2019	15 Days	11:50	12:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
794	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	06-03-2019	30 Days	12:00	12:15	BOLT TIGHTNESS CHECKING WORK IS COMPLETED.
795	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	06-03-2019	30 Days	14:00	14:15	HIGH SPEED COUPLING GREASING WORK IS COMPLETED.
796	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	06-03-2019	30 Days	14:15	14:30	LUBRICATION WORK IS COMPLETED.
797	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	06-03-2019	30 Days	14:30	14:40	LUBRICATION WORK IS COMPLETED.

798	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	06-03-2019	30 Days	14:40	14:50	LUBRICATION WORK IS COMPLETED.
799	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	06-03-2019	30 Days	14:50	15:00	LUBRICATION WORK IS COMPLETED.
800	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	06-03-2019	30 Days	15:00	15:15	LUBRICATION WORK IS COMPLETED.
801	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	06-03-2019	30 Days	15:15	15:25	LUBRICATION WORK IS COMPLETED.
802	06-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	06-03-2019	30 Days	15:25	15:40	LUBRICATION WORK IS COMPLETED.
803	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-03-2019	30 Days	14:00	15:00	BOLT TIGHTNESS OK.
804	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	05-03-2019	30 Days	14:15	15:00	DRIVE 1 HIGH SPEED COUPLING GREASING WORK IS COMPLETED.
805	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	05-03-2019	30 Days	14:05	14:40	DRIVE 2 HIGH SPEED COUPLING LUBRICATION WORK IS COMPLETED.
806	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	05-03-2019	15 Days	14:30	14:40	lubricated by auto lubrication system.
807	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	05-03-2019	15 Days	14:45	14:55	lubricated by auto lubrication system.
808	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	05-03-2019	15 Days	14:55	15:05	lubricated by auto lubrication system.
809	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	05-03-2019	15 Days	15:05	15:15	lubricated by auto lubrication system.
810	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	05-03-2019	15 Days	15:05	15:20	lubricated by auto lubrication system.
811	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-03-2019	15 Days	15:20	15:30	lubricated by auto lubrication system.
812	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-03-2019	15 Days	15:30	15:40	lubricated by auto lubrication system.
813	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	05-03-2019	15 Days	15:40	15:50	lubricated by auto lubrication system.
814	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	05-03-2019	90 Days	14:00	16:00	BOLT TIGHTNESS (OUTSIDE) OK.
815	05-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	05-03-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
816	04-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-03-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
817	04-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-03-2019	90 Days	14:00	15:00	BOLT TIGHTNESS (OUTER SIDE) OK.
818	04-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-03-2019	90 Days	15:00	16:00	BOLT TIGHTNESS (OUTSIDE) OK.
819	04-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	04-03-2019	90 Days	14:00	16:00	BOLT TIGHTNESS(OUTSIDE) OK.
820	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	03-03-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.
821	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	03-03-2019	15 Days	14:00	16:00	VIBRATION CHECKING GB1 1.2MM/S, GB2- 1.5MM/S, GB3-1.9MM/S, GB4- 1.8MM/S M1 1.5MM/S, M2 1.8MM/S , M3 1.6MM/S M4 1.7MM/S
822	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	03-03-2019	15 Days	14:00	15:00	VIBRATION CHECKING GB1 1.9MM/S , GB2- 1.5MM/S, GB3-1.7MM/S , GB4 1.9MM/S M1 1.2MM/S M2-1.8MM/S M3 1.8MM/S M4 1.9MM/S
823	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	03-03-2019	15 Days	10:00	10:20	VIBRATION CHECKING M2- 1.7MM/S & GB2 1.8MM/S.
824	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	03-03-2019	15 Days	10:20	10:40	VIBRATION CHECKING M3- 1.8MM/S & GB3- 1.8MM/S.
825	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	03-03-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
826	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	03-03-2019	30 Days	14:00	15:30	LUBRICATION WORK DONE.
827	03-03-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	03-03-2019	30 Days	14:00	15:00	LUBRICATION JOB DONE.
828	03-03-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	03-03-2019	30 Days	14:00	16:00	LUBRICATION WORK DONE.
829	02-03-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	02-03-2019	180 Days	06:30	06:50	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.

830	02-03-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	02-03-2019	180 Days	06:50	07:10	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
831	02-03-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	02-03-2019	180 Days	07:10	07:30	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
832	02-03-2019	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	02-03-2019	180 Days	07:30	07:50	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
833	02-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	02-03-2019	90 Days	00:05	00:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
834	02-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	02-03-2019	90 Days	00:20	00:35	BASE BOLT TIGHTNESS CHECKING WORK DONE.
835	01-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	01-03-2019	90 Days	22:30	22:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
836	01-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	01-03-2019	90 Days	22:45	23:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
837	01-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	01-03-2019	90 Days	23:00	23:15	BASE BOLT TIGHTNESS CHECKING WORK DONE.
838	01-03-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	01-03-2019	90 Days	23:30	23:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
839	01-03-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	01-03-2019	90 Days	23:45	23:55	BASE BOLT TIGHTNESS CHECKING WORK DONE.
840	26-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	26-02-2019	90 Days	06:00	06:20	tightness checking done.
841	26-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	26-02-2019	90 Days	06:20	06:40	tightness checking done.
842	26-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	26-02-2019	15 Days	06:40	07:00	greasing done.
843	24-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	24-02-2019	15 Days	14:45	15:00	greasing done.
844	24-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-02-2019	15 Days	15:00	15:10	greasing done.
845	24-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-02-2019	15 Days	15:10	15:20	greasing done.
846	24-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	24-02-2019	15 Days	15:20	15:30	greasing done.
847	24-02-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-02-2019	15 Days	15:30	15:40	greasing done.
848	24-02-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	24-02-2019	90 Days	15:40	15:50	tightness checking done.
849	24-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	24-02-2019	15 Days	15:50	16:00	tightness checking done.
850	21-02-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-02-2019	15 Days	14:15	14:25	lubricated by auto lubrication system.
851	20-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	20-02-2019	15 Days	22:30	22:40	lubricated by auto lubrication system.
852	20-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	20-02-2019	15 Days	22:45	22:55	lubricated by auto lubrication system.
853	20-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	20-02-2019	15 Days	22:55	23:05	lubricated by auto lubrication system.
854	20-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	20-02-2019	15 Days	23:05	23:15	lubricated by auto lubrication system.
855	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	19-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication)
856	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	19-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication)
857	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication)
858	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	19-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication)
859	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	19-02-2019	15 Days	07:00	07:10	lubricated by auto lubrication system.
860	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	19-02-2019	15 Days	07:15	07:25	lubricated by auto lubrication system.
861	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-02-2019	15 Days	07:30	07:40	lubricated by auto lubrication system.

862	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	19-02-2019	15 Days	07:40	07:50	lubricated by auto lubrication system.
863	19-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	19-02-2019	15 Days	07:50	08:00	lubricated by auto lubrication system.
864	16-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	16-02-2019	15 Days	10:20	10:40	gearbox-1.7mm/s motor-2.5mm/s
865	15-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	15-02-2019	90 Days	15:00	15:15	BASE BOLT TIGHTNESS CHECKING WORK DONE.
866	15-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	15-02-2019	90 Days	15:30	15:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
867	15-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	15-02-2019	30 Days	14:10	14:25	LUBRICATION WORK DONE.
868	15-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	15-02-2019	15 Days	17:00	17:30	gearbox-1.8mm/s motor-2.8mm/s
869	15-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	15-02-2019	15 Days	17:30	18:00	gearbox-2.2mm/s motor-2.8mm/s
870	15-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	15-02-2019	15 Days	18:00	18:20	gearbox-2.3mm/s motor-4.3mm/s
871	14-02-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	14-02-2019	90 Days	14:10	14:25	BASE BOLT TIGHTNESS CHECKING WORK DONE.
872	14-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	14-02-2019	90 Days	14:15	14:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
873	14-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	14-02-2019	90 Days	14:45	15:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
874	14-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	14-02-2019	90 Days	15:15	15:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
875	14-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	14-02-2019	30 Days	15:45	16:00	LUBRICATION WORK DONE.
876	14-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	14-02-2019	15 Days	14:20	14:50	greasing done.
877	14-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	14-02-2019	90 Days	15:00	15:20	tightness checking done.
878	11-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	11-02-2019	90 Days	14:15	14:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
879	11-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	11-02-2019	90 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
880	11-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	11-02-2019	15 Days	14:50	15:30	LUBRICATION WORK IS DONE BY AUTO LUBRICATION PUMP.
881	10-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	10-02-2019	90 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
882	10-02-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	10-02-2019	15 Days	14:20	14:50	Lubrication done.
883	09-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	09-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system)
884	09-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	09-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system)
885	08-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	08-02-2019	15 Days	01:15	01:30	greasing done.
886	08-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	08-02-2019	15 Days	01:30	02:00	greasing done.
887	08-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-02-2019	15 Days	02:00	02:30	greasing done.
888	08-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-02-2019	30 Days	02:30	03:00	tightness checking done.
889	08-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-02-2019	30 Days	03:30	04:00	tightness checking done.
890	07-02-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-02-2019	15 Days	15:00	15:30	LUBRICATION DONE
891	06-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	06-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system)
892	06-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system)
893	06-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	06-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system)

894	06-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	06-02-2019	15 Days	14:20	15:00	Lubrication DONE.
895	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	05-02-2019	30 Days	14:00	16:00	gressing done.
896	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	05-02-2019	30 Days	14:00	16:00	gressing done.
897	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	05-02-2019	30 Days	14:00	16:00	lubrication work done.
898	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	05-02-2019	30 Days	14:00	16:00	lubrication done.
899	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	05-02-2019	15 Days	14:00	16:00	LUBRICATION DONE.
900	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	05-02-2019	30 Days	14:00	16:00	LUBRICATION DONE.
901	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	05-02-2019	30 Days	14:00	16:00	LUBRICATION DONE.
902	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	05-02-2019	30 Days	14:00	16:00	LUBRICATION DONE.
903	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	05-02-2019	30 Days	14:00	16:00	LUBRICATION DONE.
904	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-02-2019	15 Days	11:20	11:35	lubrication work is done.
905	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	05-02-2019	15 Days	14:45	15:15	lubrication work is done by auto lubrication system.
906	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-02-2019	15 Days	15:15	15:45	lubrication work is done by auto lubrication system.
907	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	05-02-2019	15 Days	15:15	15:45	lubrication work is done by auto lubrication system.
908	05-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-02-2019	30 Days	10:30	11:00	tightness checked and found ok.
909	04-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-02-2019	30 Days	14:00	14:30	Lubrication done.
910	04-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-02-2019	30 Days	14:30	14:50	Lubrication done.
911	04-02-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	04-02-2019	15 Days	00:00	24:00:00	Lubrication done(LUBRICATED BY AUTO LUBRICATION SYSTEM)
912	04-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	04-02-2019	15 Days	00:00	24:00:00	Lubrication done(LUBRICATED BY AUTO LUBRICATION SYSTEM)
913	04-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-02-2019	15 Days	00:00	24:00:00	Lubrication done(LUBRICATED BY AUTO LUBRICATION SYSTEM)
914	04-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	04-02-2019	15 Days	00:00	24:00:00	Lubrication done(LUBRICATED BY AUTO LUBRICATION SYSTEM)
915	03-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	03-02-2019	30 Days	14:50	15:20	Lubrication done.
916	03-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-02-2019	30 Days	15:20	15:40	Lubrication done.
917	01-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	01-02-2019	30 Days	01:00	01:15	greasing done.
918	01-02-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	01-02-2019	30 Days	01:15	01:30	greasing done.
919	01-02-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	01-02-2019	30 Days	01:30	01:45	greasing done.
920	01-02-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	01-02-2019	15 Days	11:00	11:20	GEAR BOX-1.6MM/S MOTOR-2.4MM/S
921	30-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	30-01-2019	15 Days	10:00	10:20	Gearbox-1.8mm/s motor-2.4mm/s.
922	30-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	30-01-2019	15 Days	10:20	10:40	Gearbox-1.5mm/s motor-2.4mm/s
923	30-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	30-01-2019	15 Days	10:40	11:00	Gearbox-2.7mm/s motor-4.3mm/s.
924	30-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	30-01-2019	15 Days	14:40	15:20	Lubrication done.
925	29-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	29-01-2019	30 Days	14:00	14:20	Lubrication done.

926	29-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	29-01-2019	30 Days	14:20	14:40	Lubrication done.
927	27-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	27-01-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system).
928	26-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	26-01-2019	15 Days	14:20	15:00	lubrication done.
929	26-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	26-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
930	25-01-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	25-01-2019	15 Days	14:20	15:00	LUBRICATION DONE.
931	24-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	24-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
932	24-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
933	24-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
934	23-01-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-01-2019	15 Days	14:00	14:30	LUBRICATION DONE.
935	22-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-01-2019	15 Days	09:00	09:30	Lubication done.
936	22-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-01-2019	15 Days	10:00	10:30	LUBRICATION DONE.
937	22-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	22-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
938	21-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	21-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
939	21-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	21-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
940	21-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	21-01-2019	15 Days	15:25	15:40	Lubrication work completed.
941	21-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	21-01-2019	15 Days	15:40	15:55	Lubrication work completed.
942	20-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	20-01-2019	15 Days	00:00	24:00:00	(Lubrication done)lubricated by auto lubrication sytem.
943	20-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-01-2019	15 Days	14:30	14:50	Lubrication work completed.
944	20-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-01-2019	15 Days	14:50	15:05	Lubrication work completed.
945	20-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-01-2019	15 Days	15:05	15:25	Lubrication work completed.
946	20-01-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	20-01-2019	15 Days	17:00	17:30	Lubrication work completed.
947	20-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	20-01-2019	15 Days	17:30	18:00	Lubrication work completed.
948	19-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	19-01-2019	15 Days	14:30	15:00	Lubrication work completed.
949	18-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	18-01-2019	15 Days	11:00	11:20	Gearbox-1.7mm/s motor-2.5mm/s
950	15-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	15-01-2019	15 Days	10:00	10:20	Gearbox-1.8mm/s motor-2.4mm/s
951	15-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	15-01-2019	15 Days	10:20	10:40	Gearbox-1.5mm/s motor-2.4mm/s
952	15-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	15-01-2019	15 Days	10:40	11:00	Gearbox-2.7mm/s motor-4.3mm/s
953	14-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	14-01-2019	30 Days	08:00	08:15	greasing done.
954	14-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	14-01-2019	30 Days	08:15	08:30	greasing done.
955	13-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	13-01-2019	15 Days	10:15	10:30	greasing by auto lubrication pump
956	11-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	11-01-2019	15 Days	06:30	07:00	TIGHTNESS CHECKING DONE.
957	10-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	10-01-2019	15 Days	23:00	23:15	greasing by auto lubrication pump .

958	10-01-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	10-01-2019	15 Days	00:00	24:00:00	Lubrication DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
959	09-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	09-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
960	09-01-2019	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-01-2019	15 Days	14:00	14:20	Lubrication done
961	09-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	09-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
962	09-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	09-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
963	09-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	09-01-2019	30 Days	14:00	14:20	Tightness checked and found ok.
964	09-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	09-01-2019	30 Days	15:00	15:20	Tightness checked and found ok.
965	08-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
966	08-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
967	08-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	08-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
968	08-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	08-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
969	08-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
970	07-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-01-2019	15 Days	00:00	24:00:00	auto lubrication installed(running 4 min per hour)
971	07-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-01-2019	30 Days	14:20	14:40	Tightness checked and found ok.
972	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	06-01-2019	30 Days	10:00	10:30	COMPLETED
973	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	06-01-2019	30 Days	14:00	14:15	COMPLETED
974	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	06-01-2019	15 Days	00:00	24:00:00	LUBRICATION COMPLETED(LUBRICATED BY AUTO LUBRICATION SYSTEM)
975	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-01-2019	15 Days	00:00	24:00:00	auto lubrication installed(running 4 min per hour)
976	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	06-01-2019	30 Days	14:00	14:20	LUBRICATION DONE.
977	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	06-01-2019	30 Days	14:20	14:40	LUBRICATION DONE.
978	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	06-01-2019	30 Days	14:40	15:00	LUBRICATION DONE.
979	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	06-01-2019	30 Days	15:00	15:20	LUBRICATION DONE.
980	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	06-01-2019	30 Days	15:30	15:40	LUBRICATION DONE.
981	06-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	06-01-2019	30 Days	16:00	16:20	LUBRICATION DONE.
982	05-01-2019	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	05-01-2019	15 Days	00:00	24:00:00	LUBRICATION COMPLETED(LUBRICATED BY AUTO LUBRICATION SYSTEM)
983	04-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-01-2019	30 Days	12:05	12:30	BOLT TIGHTNESS CHECKING WORK IS DONE.
984	04-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	04-01-2019	15 Days	11:15	13:30	LUBRICATION BY AUTO LUBRICATION.
985	04-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	04-01-2019	30 Days	14:20	14:40	COMPLETED
986	04-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	04-01-2019	30 Days	14:30	14:45	COMPLETED
987	03-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	03-01-2019	30 Days	12:05	12:45	LUBRICATION WORK IS DONE.
988	03-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	03-01-2019	30 Days	12:45	13:30	LUBRICATION WORK IS DONE.
989	03-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	03-01-2019	30 Days	14:05	14:35	LUBRICATION WORK IS DONE.

990	03-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	03-01-2019	15 Days	12:30	13:00	LUBRICATION BY AUTOLUBRICATION.
991	03-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	03-01-2019	15 Days	12:30	13:00	LUBRICATION BY AUTO LUBRICATION.
992	03-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	03-01-2019	15 Days	13:00	13:15	LUBRICATION BY AUTO LUBRICATION
993	03-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	03-01-2019	15 Days	13:45	14:00	LUBRICATION BY AUTO LUBRICARION.
994	02-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	02-01-2019	30 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY GREASE CARTIEGE).
995	02-01-2019	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	02-01-2019	30 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY GREAESE.
996	02-01-2019	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	02-01-2019	30 Days	00:00	00:00	LUBRICATION DONE(LUBRICATED BY GREASE CARTIEGE.
997	01-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	01-01-2019	15 Days	08:00	08:15	motor-2.9mm/s Gearbox-1.5mm/s
998	01-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	01-01-2019	15 Days	08:15	08:30	motor-2.5mm/s Gearbox-1.3mm/s
999	01-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	01-01-2019	15 Days	08:45	09:00	motor-3.7mm/s Gearbox-2.8mm/s
1000	01-01-2019	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	01-01-2019	15 Days	09:00	09:15	motor-2.7mm/s Gearbox-1.5mm/s
1001	30-12-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	30-12-2019	15 Days	14:15	14:30	GREASING DONE.
1002	30-12-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	30-12-2019	15 Days	14:30	14:45	GREASING DONE.
1003	30-12-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	30-12-2019	15 Days	14:45	15:00	GREASING DONE.
1004	24-12-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-12-2019	15 Days	14:30	14:40	lubrication work is completed.
1005	22-12-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-12-2019	15 Days	14:30	15:00	Lubrication work is completed.
1006	22-12-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	22-12-2019	15 Days	15:30	16:00	LUBRICATION WORK DONE.
1007	21-12-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
1008	21-12-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-12-2019	15 Days	10:30	10:50	Lubrication work is completed.
1009	17-12-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	17-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
1010	17-12-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	17-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
1011	16-12-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	16-12-2019	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
1012	10-12-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-12-2019	15 Days	14:30	15:00	LUBRICATION WORK COMPLETED
1013	08-12-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	08-12-2019	15 Days	14:00	14:30	LUBRICATION WORK COMPLETED
1014	08-12-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-12-2019	15 Days	15:00	15:30	LUBRICATION WORK COMPLETED
1015	08-12-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-12-2019	15 Days	15:30	16:00	LUBRICATION WORK COMPLETED
1016	05-12-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	05-12-2019	15 Days	14:45	15:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1017	05-12-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	05-12-2019	15 Days	15:05	15:20	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1018	05-12-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	05-12-2019	15 Days	15:25	15:35	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1019	05-12-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	05-12-2019	15 Days	15:40	15:50	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1020	28-11-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	28-11-2019	90 Days	13:20	13:40	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
1021	28-11-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	28-11-2019	90 Days	06:30	06:50	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.

1022	26-11-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	26-11-2019	90 Days	09:00	09:20	BASE BOLT TIGHTNESS CHECKING DONE.
1023	25-11-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	25-11-2019	90 Days	11:00	11:20	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
1024	25-11-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	25-11-2019	90 Days	11:20	11:40	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
1025	23-11-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	23-11-2019	15 Days	00:00	24:00:00	Lubricated auto lubrication system.
1026	23-11-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	23-11-2019	15 Days	00:00	24:00:00	Lubricated auto lubrication system.
1027	23-11-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-11-2019	15 Days	00:00	24:00:00	Lubricated auto lubrication system.
1028	23-11-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-11-2019	15 Days	00:00	24:00:00	Lubricated auto lubrication system.
1029	23-11-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-11-2019	15 Days	00:00	24:00:00	Lubricated auto lubrication system.
1030	23-11-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	23-11-2019	15 Days	00:00	24:00:00	Lubricated auto lubrication system.
1031	18-11-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	18-11-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1032	18-11-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	18-11-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1033	15-11-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	15-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
1034	15-11-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	15-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
1035	14-11-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	14-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
1036	14-11-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	14-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
1037	14-11-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	14-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
1038	14-11-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	14-11-2019	15 Days	00:00	24:00:00	AUTO LUBRICATION PUMP INSTALLED.
1039	03-11-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	03-11-2019	15 Days	18:00	18:30	completed
1040	03-11-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	03-11-2019	15 Days	19:00	19:30	completed
1041	30-10-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	30-10-2019	15 Days	19:00	19:30	completed
1042	30-10-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	30-10-2019	15 Days	19:00	19:30	completed
1043	30-10-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	30-10-2019	15 Days	19:30	20:00	completed
1044	29-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	29-10-2019	15 Days	18:00	18:30	completed
1045	29-10-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	29-10-2019	15 Days	16:00	16:30	completed
1046	29-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	29-10-2019	15 Days	19:00	19:30	completed
1047	27-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	27-10-2019	90 Days	14:05	14:20	JOB COMPLETED.
1048	17-10-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	17-10-2019	90 Days	14:00	14:30	tightness checking done.
1049	13-10-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	13-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1050	13-10-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	13-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1051	12-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1052	12-10-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1053	12-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.

1054	12-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1055	12-10-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1056	12-10-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	12-10-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1057	11-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	11-10-2019	90 Days	17:45	18:10	Base Bolt Tightness checked & found Ok.
1058	11-10-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	11-10-2019	90 Days	18:10	18:30	Base bolt tightness checked & found Ok.
1059	11-10-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	11-10-2019	90 Days	18:30	18:55	Base bolt tightness checked & found ok
1060	20-09-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	20-09-2019	15 Days	01:00	01:30	GREASING DONE.
1061	16-09-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	16-09-2019	15 Days	07:00	07:30	LUBRICATION WORK IS COMPLETED.
1062	16-09-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	16-09-2019	15 Days	12:05	12:30	LUBRICATION WORK IS COMPLETED.
1063	16-09-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	16-09-2019	15 Days	13:40	14:00	LUBRICATION WORK IS COMPLETED.
1064	14-09-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	14-09-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1065	14-09-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	14-09-2019	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1066	13-09-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	13-09-2019	15 Days	09:40	10:00	LUBRICATION WORK DONE.
1067	13-09-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	13-09-2019	15 Days	10:00	10:25	LUBRICATION WORK DONE.
1068	03-09-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	03-09-2019	15 Days	04:00	04:20	lubrication work is completed.
1069	03-09-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	03-09-2019	15 Days	00:15	00:45	Lubrication work is completed.
1070	02-09-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	02-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1071	01-09-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	01-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1072	01-09-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	01-09-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1073	29-08-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	29-08-2019	15 Days	22:30	22:45	GREASING DONE.
1074	29-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	29-08-2019	90 Days	22:30	22:45	TIGHTNESS CHECKING DONE.
1075	29-08-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	29-08-2019	90 Days	22:45	23:00	TIGHTNESS CHECKING DONE.
1076	29-08-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	29-08-2019	90 Days	23:00	23:15	TIGHTNESS CHECKING DONE.
1077	26-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	26-08-2019	15 Days	15:30	15:50	LUBRICATION WORK IS COMPLETED.
1078	26-08-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-08-2019	15 Days	16:00	16:30	LUBRICATION WORK IS COMPLETED.
1079	19-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	19-08-2019	15 Days	17:30	17:55	LUBRICATION WORK DONE
1080	19-08-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	19-08-2019	15 Days	20:05	20:30	LUBRICATION WORK DONE
1081	17-08-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	17-08-2019	15 Days	18:10	18:40	LUBRICATION WORK DONE
1082	17-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	17-08-2019	15 Days	19:10	19:30	LUBRICATION WORK DONE
1083	17-08-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	17-08-2019	15 Days	19:30	19:55	LUBRICATION WORK DONE
1084	14-08-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	14-08-2019	90 Days	15:40	15:50	BASE BOLT TIGHTNESS WORK IS COMPLETED.
1085	13-08-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	13-08-2019	15 Days	14:00	16:00	LUBRICATION WORK DONE.

1086	11-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	11-08-2019	15 Days	08:00	08:30	LUBRICATION WORK DONE.
1087	11-08-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	11-08-2019	15 Days	08:30	09:00	LUBRICATION WORK DONE.
1088	11-08-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	11-08-2019	15 Days	09:00	09:30	LUBRICATION WORK DONE.
1089	02-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	02-08-2019	90 Days	14:30	15:00	Tightness checking done.
1090	01-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	01-08-2019	15 Days	16:00	16:30	LUBRICATION WORK IS COMPLETED.
1091	01-08-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	01-08-2019	15 Days	16:30	17:00	LUBRICATION WORK IS COMPLETED.
1092	01-08-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	01-08-2019	15 Days	18:00	18:30	LUBRICATION WORK IS COMPLETED.
1093	01-08-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	01-08-2019	15 Days	18:30	19:00	LUBRICATION WORK IS COMPLETED.
1094	30-07-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	30-07-2019	15 Days	17:30	18:00	LUBRICATION WORK IS COMPLETED.
1095	24-07-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
1096	24-07-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
1097	24-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	24-07-2019	15 Days	00:00	24:00:00	lubrication by auto lubrication system
1098	21-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-07-2019	15 Days	22:00	22:30	LUBRICATION WORK IS COMPLETED.
1099	21-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-07-2019	15 Days	22:30	22:55	LUBRICATION WORK IS COMPLETED.
1100	21-07-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-07-2019	15 Days	15:30	16:00	LUBRICATION WORK IS COMPLETED.
1101	21-07-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-07-2019	15 Days	16:00	16:30	LUBRICATION WORK IS COMPLETED.
1102	18-07-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	18-07-2019	90 Days	13:00	13:30	BASE BOLT TIGHTNESS work is done.
1103	15-07-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	15-07-2019	15 Days	15:45	16:25	work is done.
1104	10-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	10-07-2019	15 Days	09:00	09:15	lubrication work completed by auto lubrication system.
1105	10-07-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	10-07-2019	15 Days	09:15	09:30	lubrication work completed by auto lubrication system.
1106	10-07-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-07-2019	15 Days	09:30	09:40	lubrication work completed by auto lubrication system.
1107	08-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	08-07-2019	90 Days	09:00	09:15	Base bolt tightness work is completed.
1108	08-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	08-07-2019	90 Days	09:15	09:25	Base bolt tightness work is completed.
1109	08-07-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	08-07-2019	90 Days	09:30	09:40	Base bolt tightness work is completed.
1110	05-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	05-07-2019	15 Days	23:00	23:20	LUBRICATION WORK IS COMPLETED.
1111	05-07-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-07-2019	15 Days	23:30	23:45	LUBRICATION WORK IS COMPLETED.
1112	05-07-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	05-07-2019	15 Days	23:45	23:55	LUBRICATION WORK IS COMPLETED.
1113	05-07-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	05-07-2019	15 Days	00:05	00:20	LUBRICATION WORK IS COMPLETED.
1114	29-06-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	29-06-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1115	26-06-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	26-06-2019	15 Days	08:00	08:30	Lubrication work completed.
1116	26-06-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-06-2019	15 Days	09:00	09:30	Lubrication work completed.
1117	25-06-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	25-06-2019	15 Days	10:30	11:00	Lubrication work completed.

1118	20-06-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	20-06-2019	15 Days	08:00	08:15	greasing done.
1119	20-06-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-06-2019	15 Days	08:15	08:30	greasing done.
1120	20-06-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	20-06-2019	15 Days	08:30	08:45	greasing done.
1121	20-06-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	20-06-2019	15 Days	08:45	09:00	greasing done.
1122	15-06-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	15-06-2019	15 Days	10:00	11:15	greasing done.
1123	10-06-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	10-06-2019	15 Days	14:15	14:30	GREASING DONE.
1124	10-06-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-06-2019	15 Days	14:30	14:45	GREASING DONE.
1125	10-06-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	10-06-2019	15 Days	14:45	15:00	GREASING DONE.
1126	06-06-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-06-2019	15 Days	08:00	08:15	greasing done.
1127	06-06-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	06-06-2019	15 Days	08:15	08:30	greasing done.
1128	06-06-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-06-2019	15 Days	08:30	08:45	greasing done.
1129	06-06-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-06-2019	15 Days	08:45	09:00	greasing done.
1130	30-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	12:05	12:20	base bolt tightness checking work is completed.
1131	30-05-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	12:20	12:35	base bolt tightness checking work is completed.
1132	30-05-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	30-05-2019	90 Days	12:35	12:55	base bolt tightness checking work is completed.
1133	27-05-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	27-05-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1134	26-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	26-05-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1135	26-05-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	26-05-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1136	26-05-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-05-2019	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1137	21-05-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	21-05-2019	90 Days	11:00	11:15	BASE BOLT TIGHTNESS CHECKED & FOUND OK.
1138	21-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-05-2019	15 Days	11:30	11:45	AUTO LUBRICATION PUMP INSTALLED.
1139	21-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-05-2019	15 Days	11:45	12:00	AUTO LUBRICATION PUMP INSTALLED.
1140	21-05-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-05-2019	15 Days	12:00	12:15	AUTO LUBRICATION PUMP INSTALLED.
1141	21-05-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-05-2019	15 Days	12:15	12:30	AUTO LUBRICATION PUMP INSTALLED.
1142	15-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	15-05-2019	90 Days	10:30	10:45	AUTO LUBRICATION PUMP INSTALLED.
1143	12-05-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	12-05-2019	15 Days	15:30	15:45	Greasing is done by auto lubrication system, delivery line checked & found ok.
1144	12-05-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	12-05-2019	15 Days	15:10	15:20	Greasing is done by auto lubrication system, delivery line checked & found ok.
1145	12-05-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	12-05-2019	15 Days	15:20	15:30	Greasing is done by auto lubrication system, delivery line checked & found ok.
1146	11-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	11-05-2019	15 Days	15:45	16:15	Greasing is done by auto lubrication system, delivery line checked & found ok.
1147	05-05-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	05-05-2019	15 Days	08:00	08:15	greasing done.
1148	05-05-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	05-05-2019	15 Days	08:15	08:30	greasing done.
1149	03-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	03-05-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.

1150	03-05-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	03-05-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
1151	26-04-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
1152	26-04-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	26-04-2019	15 Days	00:00	00:00	lubricated by auto lubrication system.
1153	26-04-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
1154	26-04-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	26-04-2019	15 Days	00:00	24:00:00	lubricated by auto lubrication system.
1155	18-04-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	18-04-2019	90 Days	16:15	17:00	job completed
1156	18-04-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	18-04-2019	15 Days	14:15	14:45	Lubrication completed
1157	18-04-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	18-04-2019	15 Days	14:30	14:50	Lubrication completed
1158	15-04-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	15-04-2019	15 Days	14:00	15:00	LUBRICATION WORK DONE BY AUTO LUBRICATION SYSTEM.
1159	15-04-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-04-2019	15 Days	14:00	15:00	LUBRICATION WORK DONE BY AUTO LUBRICATION SYSTEM.
1160	09-04-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	09-04-2019	90 Days	14:15	14:45	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
1161	09-04-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	09-04-2019	15 Days	14:45	15:15	LUBRICATION WORK DONE BY AUTO LUBRICATION SYSTEM.
1162	09-04-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	09-04-2019	15 Days	15:00	16:00	LUBRICATION WORK DONE BY AUTO LUBRICATION SYSTEM.
1163	08-04-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-04-2019	15 Days	14:30	15:30	Lubrication completed
1164	08-04-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	08-04-2019	15 Days	14:30	15:30	Lubrication completed
1165	08-04-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	08-04-2019	90 Days	14:20	15:50	Jobcompleted
1166	08-04-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	08-04-2019	90 Days	14:30	15:30	Job completed
1167	23-03-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-03-2019	15 Days	23:00	23:10	Lubrication work is completed.
1168	23-03-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	23-03-2019	15 Days	23:15	23:25	Lubrication work is completed.
1169	23-03-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-03-2019	15 Days	23:25	23:35	Lubrication work is completed.
1170	23-03-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-03-2019	15 Days	23:35	23:40	Lubrication work is completed.
1171	23-03-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-03-2019	15 Days	23:45	23:50	Lubrication work is completed.
1172	23-03-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	23-03-2019	15 Days	23:50	23:55	Lubrication work is completed.
1173	19-03-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	19-03-2019	15 Days	09:40	10:00	LUBRICATED BY MANUALLY.
1174	18-03-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	18-03-2019	15 Days	14:00	15:00	LUBRICATION WORKS DONE.
1175	11-03-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	11-03-2019	15 Days	15:25	15:40	Lubrication is done by auto lubrication system, delivery line checked & found ok.
1176	11-03-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	11-03-2019	15 Days	16:00	16:10	LUBRICATION IS DONE BY AUTO LUBRICATION SYSTEM , DELIVERY LINE CHECKED & FOUND OK.
1177	11-03-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	11-03-2019	15 Days	16:10	16:20	LUBRICATION IS DONE BY AUTO LUBRICATION SYSTEM , DELIVERY LINE CHECKED & FOUND OK.
1178	08-03-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-03-2019	15 Days	07:00	07:30	LUBRICATED BY AUTO LUBRICATION PUMP
1179	06-03-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	06-03-2019	15 Days	10:00	10:15	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1180	06-03-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-03-2019	15 Days	10:15	10:30	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1181	06-03-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	06-03-2019	15 Days	10:30	10:40	LUBRICATED BY AUTO LUBRICATION SYSTEM.

1182	05-03-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	05-03-2019	15 Days	15:50	16:00	lubricated by auto lubrication system.
1183	02-03-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	02-03-2019	90 Days	08:10	08:25	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
1184	02-03-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	02-03-2019	90 Days	09:00	09:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1185	01-03-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	01-03-2019	90 Days	22:10	22:30	base bolt tightness checking work is completed.
1186	24-02-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-02-2019	15 Days	14:00	14:15	greasing done.
1187	24-02-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-02-2019	15 Days	14:15	14:30	greasing done.
1188	24-02-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	24-02-2019	15 Days	14:30	14:45	greasing done.
1189	21-02-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-02-2019	15 Days	14:40	14:50	lubricated by auto lubrication system.
1190	20-02-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	20-02-2019	15 Days	23:20	23:30	lubricated by auto lubrication system.
1191	20-02-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	20-02-2019	15 Days	23:20	23:30	lubricated by auto lubrication system.
1192	20-02-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	20-02-2019	15 Days	23:30	23:40	lubricated by auto lubrication system.
1193	19-02-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	19-02-2019	15 Days	08:00	08:15	lubricated by auto lubrication system.
1194	14-02-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	14-02-2019	90 Days	15:45	16:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1195	14-02-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	14-02-2019	90 Days	16:00	16:15	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1196	08-02-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	08-02-2019	15 Days	01:45	02:15	greasing done.
1197	08-02-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-02-2019	15 Days	10:00	10:30	lubricated by auto lubrication system.
1198	08-02-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-02-2019	15 Days	10:30	11:00	lubricated by auto lubrication system.
1199	07-02-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	07-02-2019	15 Days	10:30	11:00	lubricated by auto lubrication system.
1200	06-02-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	06-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system)
1201	06-02-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-02-2019	15 Days	00:00	24:00:00	lubrication done(lubricated by auto lubrication system)
1202	06-02-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	06-02-2019	15 Days	10:00	10:30	lubricated by auto lubrication system.
1203	05-02-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	05-02-2019	15 Days	15:45	16:15	lubrication work is done by auto lubrication system.
1204	26-01-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-01-2019	15 Days	00:00	00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
1205	26-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
1206	24-01-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	24-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM).
1207	23-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	23-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM).
1208	23-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
1209	22-01-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	22-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
1210	22-01-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-01-2019	15 Days	00:00	24:00:00	LUBRICATION DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
1211	20-01-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	20-01-2019	15 Days	18:00	18:30	Lubrication work completed.
1212	11-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	11-01-2019	15 Days	00:00	24:00:00	Lubrication DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)
1213	10-01-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-01-2019	15 Days	00:00	24:00:00	Lubrication DONE(LUBRICATED BY AUTO LUBRICATION SYSTEM)

1214	09-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	09-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system).
1215	09-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	09-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
1216	09-01-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	09-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
1217	08-01-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
1218	08-01-2019	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-01-2019	15 Days	00:00	24:00:00	Lubrication done(lubricated by auto lubrication system)
1219	06-01-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	06-01-2019	90 Days	15:00	15:20	COMP0LETED
1220	06-01-2019	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	06-01-2019	90 Days	15:20	15:40	COMPLETED
1221	05-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	05-01-2019	90 Days	14:00	14:20	COMPLETED.
1222	05-01-2019	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	05-01-2019	90 Days	14:40	15:00	COMPLETED
1223	03-01-2019	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	03-01-2019	15 Days	12:30	12:50	LUBRICATION WORK IS DONE.

PM COMPLIANCE REPORT FOR THE YEAR OF -2020

Sr.No.	Date	Main Equipment	Equipment Area	Department	Equipment Name	Parameters	Last Mainteinted Date	Shedule Of Mainteinance	From Time	To Time	Remarks
1	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	31-12-2020	15 Days	14:00	14:10	GREASING DONE.
2	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	31-12-2020	15 Days	14:10	14:20	GREASING DONE.
3	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	31-12-2020	15 Days	14:20	14:30	GREASING DONE.
4	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	31-12-2020	30 Days	14:30	14:40	GREASING DONE.
5	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	31-12-2020	30 Days	14:40	14:50	GREASING DONE.
6	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	31-12-2020	30 Days	14:50	15:00	GREASING DONE.
7	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	31-12-2020	30 Days	15:00	15:10	GREASING DONE.
8	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	31-12-2020	30 Days	15:10	15:20	GREASING DONE.
9	31-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	31-12-2020	15 Days	15:20	15:30	TIGHTNESS CHECKING DONE.
10	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	28-12-2020	15 Days	14:10	14:20	GREASING DONE.
11	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	28-12-2020	15 Days	14:10	14:20	GREASING DONE.
12	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	28-12-2020	15 Days	14:20	14:30	GREASING DONE.
13	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	28-12-2020	15 Days	14:30	14:40	GREASING DONE.
14	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	28-12-2020	15 Days	14:40	14:50	GREASING DONE.
15	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	28-12-2020	15 Days	14:50	15:00	GREASING DONE.
16	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	28-12-2020	15 Days	15:00	15:10	GREASING DONE.
17	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	28-12-2020	15 Days	15:10	15:20	GREASING DONE.
18	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	28-12-2020	15 Days	15:20	15:30	GREASING DONE.
19	28-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	28-12-2020	15 Days	15:30	15:40	GREASING DONE.
20	25-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	25-12-2020	15 Days	14:30	14:40	gear box-1-2.5 mm/s,motor-1-2.7 mm/s.
21	25-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	25-12-2020	15 Days	09:30	09:40	gear box-2-2.8 mm/s,motor-2-3.2 mm/s.
22	25-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	25-12-2020	15 Days	09:40	09:50	gear box-3-3.3 mm/s,motor-3-3.5 mm/s.
23	25-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	25-12-2020	15 Days	09:50	10:00	gear box-4-2.6 mm/s,motor-4-2.8 mm/s.
24	25-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	25-12-2020	15 Days	09:00	21:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
25	25-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	25-12-2020	15 Days	09:00	21:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
26	25-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	25-12-2020	15 Days	09:00	21:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
27	24-12-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-12-2020	15 Days	14:00	14:10	LUBRICATION DONE.
28	24-12-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-12-2020	15 Days	14:10	14:20	LUBRICATION DONE.
29	24-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	24-12-2020	30 Days	14:20	14:30	LUBRICATION DONE.

30	24-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	24-12-2020	30 Days	14:30	14:40	LUBRICATION DONE.
31	24-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	24-12-2020	90 Days	14:40	14:50	TIGHTNESS CHECKING DONE.
32	24-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	24-12-2020	90 Days	14:50	15:00	TIGHTNESS CHECKING DONE.
33	24-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	24-12-2020	90 Days	15:00	15:15	TIGHTNESS CHECKING DONE.
34	21-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	21-12-2020	15 Days	14:30	14:55	LUBRICATION WORK DONE
35	21-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	21-12-2020	15 Days	15:00	15:30	LUBRICATION WORK DONE.
36	21-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-12-2020	15 Days	12:40	13:00	LUBRICATION WORK DONE.
37	16-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	16-12-2020	90 Days	10:00	10:45	TIGHTNESS CHECKING DONE.
38	15-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	15-12-2020	15 Days	14:30	14:55	BASE BOLT TIGHTNESS CHECKING WORK DONE.
39	15-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	15-12-2020	15 Days	14:55	15:15	LUBRICATION WORK DONE.
40	15-12-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-12-2020	15 Days	15:20	15:45	LUBRICATION WORK DONE.
41	15-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-12-2020	15 Days	15:40	16:05	LUBRICATION WORK DONE.
42	15-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-12-2020	15 Days	16:10	16:30	LUBRICATION WORK DONE.
43	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
44	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
45	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
46	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
47	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
48	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
49	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
50	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
51	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
52	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
53	12-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	12-12-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
54	11-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	11-12-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
55	11-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	11-12-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
56	11-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	11-12-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
57	08-12-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-12-2020	15 Days	14:30	15:00	LUBRICATION COMPLETED
58	08-12-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-12-2020	15 Days	15:00	15:30	LUBRICATION COMPLETED.
59	07-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	07-12-2020	15 Days	11:00	11:15	VIBRATION = 3.2 mm/s.
60	07-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	07-12-2020	15 Days	11:20	11:35	VIBRATION = 3.5 mm/s.
61	07-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	07-12-2020	15 Days	11:35	11:45	VIBRATION = 3.4 mm/s.

62	07-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	07-12-2020	15 Days	11:45	11:55	VIBRATION = 3.4 mm/s.
63	06-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	06-12-2020	30 Days	14:45	15:10	lubrication work completed.
64	06-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	06-12-2020	15 Days	14:20	14:40	LUBRICATION WORK DONE.
65	06-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	06-12-2020	15 Days	15:10	15:30	LUBRICATION WORK DONE.
66	06-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-12-2020	15 Days	15:30	15:50	LUBRICATION WORK DONE.
67	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	02-12-2020	30 Days	14:00	14:10	GREASING DONE.
68	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	02-12-2020	30 Days	14:10	14:20	GREASING DONE.
69	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	02-12-2020	30 Days	14:20	14:30	GREASING DONE.
70	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	02-12-2020	30 Days	14:30	14:40	GREASING DONE.
71	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	02-12-2020	30 Days	14:40	14:50	GREASING DONE.
72	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	02-12-2020	30 Days	14:50	15;00	GREASING DONE.
73	02-12-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	02-12-2020	30 Days	15:00	15:10	GREASING DONE.
74	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	02-12-2020	30 Days	15:10	15:20	GREASING DONE.
75	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	02-12-2020	30 Days	15:20	15:30	GREASING DONE.
76	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	02-12-2020	30 Days	15:30	15:40	GREASING DONE.
77	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	02-12-2020	30 Days	15:40	15:50	TIGHTNESS CHECKING DONE.
78	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	02-12-2020	30 Days	15:50	16:10	TIGHTNESS CHECKING DONE.
79	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	02-12-2020	30 Days	16:10	16:30	TIGHTNESS CHECKING DONE.
80	02-12-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	02-12-2020	30 Days	16:30	16:50	TIGHTNESS CHECKING DONE.
81	01-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	01-12-2020	30 Days	14:20	14:40	LUBRICATION WORK DONE.
82	01-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	01-12-2020	30 Days	14:40	15:00	LUBRICATION WORK DONE.
83	01-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	01-12-2020	30 Days	15:00	15:20	LUBRICATION WORK DONE.
84	01-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	01-12-2020	30 Days	15:30	15:50	LUBRICATION WORK DONE.
85	01-12-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	01-12-2020	30 Days	15:50	16:10	LUBRICATION WORK DONE.
86	30-11-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-11-2020	15 Days	12:30	12:50	LUBRICATION WORK DONE.
87	30-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	30-11-2020	15 Days	13:15	13:40	LUBRICATION WORK DONE.
88	30-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	30-11-2020	15 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
89	30-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	30-11-2020	15 Days	15:30	15:45	LUBRICATION WORK DONE.
90	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	28-11-2020	15 Days	10:00	21:00	Lubricated by auto lubrication system.
91	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
92	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
93	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.

94	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
95	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
96	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
97	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
98	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
99	28-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	28-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
100	27-11-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	27-11-2020	15 Days	09:00	09:20	LUBRICATION COMPLETED
101	27-11-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	27-11-2020	15 Days	09:20	09:40	LUBRICATION COMPLETED
102	25-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	25-11-2020	30 Days	14:00	14:10	GREASING DONE.
103	25-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	25-11-2020	30 Days	14:10	14:20	GREASING DONE.
104	25-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	25-11-2020	15 Days	14:20	14:30	GREASING DONE.
105	25-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	25-11-2020	15 Days	14:30	14:40	GREASING DONE.
106	25-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	25-11-2020	15 Days	14:40	14:50	GREASING DONE.
107	24-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	24-11-2020	90 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
108	24-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	24-11-2020	90 Days	15:00	15:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
109	22-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	22-11-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE.
110	22-11-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	22-11-2020	90 Days	14:50	15:10	TIGHTNESS CHECKING DONE.
111	22-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-11-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
112	22-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	22-11-2020	15 Days	14:30	14:50	LUBRICATION COMPLETED
113	21-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	21-11-2020	15 Days	10:00	10:20	MOTOR-3.2 MM/S GEAR BOX-2.5 MM/S
114	21-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	21-11-2020	15 Days	10:20	10:40	MOTOR-3.7 MM/S GEAR BOX-3.4 MM/S
115	21-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	21-11-2020	15 Days	11:20	11:40	MOTOR-4.7 MM/S GEAR BOX- 3.7 MM/S
116	21-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	21-11-2020	15 Days	11:50	12:20	MOTOR-3.2 MM/S GEAR BOX- 3.4 MM/S
117	21-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	21-11-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
118	21-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	21-11-2020	15 Days	14:50	15:10	LUBRICATION COMPLETED
119	19-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	14:00	14:10	TIGHTNESS CHECKING DONE.
120	19-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	14:10	14:20	TIGHTNESS CHECKING DONE.
121	19-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	14:20	14:30	TIGHTNESS CHECKING DONE.
122	19-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	14:30	14:40	TIGHTNESS CHECKING DONE.
123	19-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	14:40	14:50	TIGHTNESS CHECKING DONE.
124	19-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	14:50	15:00	TIGHTNESS CHECKING DONE.
125	15-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	15-11-2020	15 Days	14:20	14:40	Base bolt tightness checking work done completed.

126	15-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	15-11-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
127	15-11-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-11-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
128	15-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-11-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
129	13-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	13-11-2020	90 Days	14:10	14:20	TIGHTNESS CHECKING DONE.
130	13-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	13-11-2020	90 Days	14:20	14:30	TIGHTNESS CHECKING DONE.
131	13-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	13-11-2020	90 Days	14:30	14:40	TIGHTNESS CHECKING DONE.
132	13-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	13-11-2020	90 Days	14:40	14:50	TIGHTNESS CHECKING DONE.
133	13-11-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	13-11-2020	90 Days	14:50	15:00	TIGHTNESS CHECKING DONE.
134	13-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	13-11-2020	90 Days	15:10	15:20	TIGHTNESS CHECKING DONE.
135	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	12-11-2020	15 Days	14:30	14:50	GREASING DONE.
136	12-11-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-11-2020	15 Days	14:40	14:50	GREASING DONE.
137	12-11-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-11-2020	15 Days	14:50	15:00	GREASING DONE.
138	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	12-11-2020	15 Days	15:00	15:10	GREASING DONE.
139	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-11-2020	15 Days	15:10	15:20	GREASING DONE.
140	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-11-2020	15 Days	15:20	15:30	GREASING DONE.
141	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	12-11-2020	15 Days	15:30	15:40	GREASING DONE.
142	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	12-11-2020	15 Days	15:40	15:50	GREASING DONE.
143	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	12-11-2020	15 Days	15:50	16:00	GREASING DONE.
144	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-11-2020	15 Days	16:00	16:10	GREASING DONE.
145	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	12-11-2020	15 Days	16:10	16:20	GREASING DONE.
146	12-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	12-11-2020	15 Days	16:20	16:30	GREASING DONE.
147	10-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-11-2020	15 Days	14:30	14:45	LUBRICATION WORK DONE.
148	10-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	10-11-2020	15 Days	14:45	15:00	LUBRICATION WORK DONE.
149	10-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	10-11-2020	15 Days	15:30	15:45	LUBRICATION WORK DONE.
150	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	06-11-2020	30 Days	14:30	14:40	GREASING DONE.
151	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	06-11-2020	15 Days	14:40	14:50	GREASING DONE.
152	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	06-11-2020	15 Days	14:50	15:00	GREASING DONE.
153	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-11-2020	15 Days	15:00	15:10	GREASING DONE.
154	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	06-11-2020	15 Days	10:00	10:15	VIBRATION = 2.5 mm/s
155	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	06-11-2020	15 Days	10:15	10:30	VIBRATION= 3.4 mm/s
156	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-11-2020	15 Days	10:30	10:45	VIBRATION = 3.7 MM/S
157	06-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	06-11-2020	15 Days	10:45	11:00	VIBRATION = 3.3 MM/S

158	03-11-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	03-11-2020	30 Days	09:00	09:10	greasing done.
159	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	03-11-2020	30 Days	09:10	09:20	greasing done.
160	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	03-11-2020	30 Days	09:20	09:40	greasing done.
161	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	03-11-2020	30 Days	09:40	09:50	greasing done.
162	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	03-11-2020	30 Days	09:50	10:00	greasing done.
163	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	03-11-2020	30 Days	10:00	10:20	greasing done.
164	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	03-11-2020	30 Days	10:20	10:30	greasing done.
165	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	03-11-2020	30 Days	10:30	10:50	greasing done.
166	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	03-11-2020	30 Days	10:50	11:00	greasing done.
167	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	03-11-2020	90 Days	11:00	11:10	tightness checking done.
168	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	03-11-2020	90 Days	11:10	11:20	tightness checking done.
169	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	03-11-2020	90 Days	11:20	11:30	tightness checking done.
170	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	03-11-2020	90 Days	11:30	11:40	tightness checking done.
171	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-11-2020	30 Days	11:40	11:50	tightness checking done.
172	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-11-2020	30 Days	11:50	12:00	tightness checking done.
173	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-11-2020	30 Days	12:00	12:10	tightness checking done.
174	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-11-2020	30 Days	12:10	12:20	tightness checking done.
175	03-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	03-11-2020	30 Days	12:20	12:30	greasing done.
176	01-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	01-11-2020	30 Days	14:30	14:45	LUBRICATION WORK DONE.
177	01-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	01-11-2020	30 Days	14:50	15:10	LUBRICATION WORK DONE.
178	01-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	01-11-2020	30 Days	15:15	15:30	LUBRICATION WORK DONE.
179	01-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	01-11-2020	30 Days	15:30	15:45	LUBRICATION WORK DONE.
180	01-11-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	01-11-2020	30 Days	15:45	15:55	LUBRICATION WORK DONE.
181	31-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	31-10-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
182	31-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	31-10-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
183	31-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	31-10-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
184	31-10-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	31-10-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
185	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	26-10-2020	15 Days	09:05	09:20	LUBRICATION WORK COMPLETED.
186	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	26-10-2020	15 Days	09:05	09:20	LUBRICATION WORK COMPLETED.
187	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-10-2020	15 Days	09:30	09:50	LUBRICATION WORK COMPLETED.
188	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	26-10-2020	15 Days	09:55	10:15	LUBRICATION WORK COMPLETED.
189	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	26-10-2020	15 Days	10:20	10:40	LUBRICATION WORK COMPLETED.

190	26-10-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	26-10-2020	15 Days	10:50	11:10	LUBRICATION WORK COMPLETED.
191	26-10-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	26-10-2020	15 Days	11:15	11:35	LUBRICATION WORK COMPLETED.
192	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	26-10-2020	15 Days	11:45	12:00	LUBRICATION WORK COMPLETED.
193	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	26-10-2020	15 Days	12:10	12:25	LUBRICATION WORK COMPLETED.
194	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	26-10-2020	15 Days	12:35	12:50	LUBRICATION WORK COMPLETED.
195	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	26-10-2020	15 Days	13:00	13:20	LUBRICATION WORK COMPLETED.
196	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	26-10-2020	15 Days	15:10	15:30	LUBRICATION WORK COMPLETED.
197	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	26-10-2020	15 Days	15:35	15:55	LUBRICATION WORK COMPLETED.
198	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	26-10-2020	15 Days	16:00	16:20	LUBRICATION WORK COMPLETED.
199	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	26-10-2020	15 Days	16:30	16:50	LUBRICATION WORK COMPLETED.
200	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	26-10-2020	15 Days	17:00	17:20	LUBRICATION WORK COMPLETED.
201	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	26-10-2020	30 Days	08:30	08:50	Lubrication work done.
202	26-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	26-10-2020	30 Days	08:50	09:10	Lubrication work done.
203	25-10-2020	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	25-10-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE.
204	22-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	22-10-2020	15 Days	14:10	14:20	GREASING DONE.
205	22-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-10-2020	15 Days	14:20	14:30	GREASING DONE.
206	22-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-10-2020	15 Days	14:30	14:40	GREASING DONE.
207	22-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-10-2020	15 Days	14:40	14:50	GREASING DONE.
208	21-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	21-10-2020	15 Days	10:30	10:45	Taken by acemy engg.-0.1MM/S
209	21-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	21-10-2020	15 Days	10:45	11:00	Taken by acemy engg.-0.1MM/S
210	21-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	21-10-2020	15 Days	11:00	11:15	Taken by acemy engg.-0.2MM/S
211	21-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	21-10-2020	15 Days	11:15	11:30	Taken by acemy engg.-0.2MM/S
212	17-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	17-10-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
213	16-10-2020	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	16-10-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE
214	16-10-2020	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	16-10-2020	90 Days	14:50	15:20	TIGHTNESS CHECKING DONE
215	16-10-2020	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	16-10-2020	90 Days	15:20	15:50	TIGHTNESS CHECKING DONE
216	16-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	16-10-2020	15 Days	15:20	15:50	TIGHTNESS CHECKING DONE
217	11-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	11-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
218	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	10-10-2020	15 Days	14:00	14:30	LUBRICATION WORK COMPLETED
219	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	10-10-2020	15 Days	14:30	15:00	LUBRICATION WORK COMPLETED
220	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	10-10-2020	15 Days	15:30	16:00	LUBRICATION WORK COMPLETED
221	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.

222	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
223	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
224	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
225	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
226	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
227	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
228	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
229	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	10-10-2020	15 Days	14:05	14:25	Lubrication work done.
230	10-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	10-10-2020	15 Days	14:30	14:50	Lubrication work done.
231	10-10-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	10-10-2020	15 Days	15:00	15:15	Lubrication work done.
232	10-10-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	10-10-2020	15 Days	15:25	15:45	Lubrication work done.
233	09-10-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	09-10-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
234	07-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	07-10-2020	30 Days	15:30	16:00	Bolt tightness checking work done.
235	06-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	06-10-2020	30 Days	14:30	15:00	base bolt tightness checking work done.
236	06-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	06-10-2020	30 Days	15:00	15:30	base bolt tightness checking work done.
237	06-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	06-10-2020	15 Days	14:30	15:30	LUBRICATION COMPLETED.
238	06-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	06-10-2020	15 Days	14:30	14:50	LUBRICATION COMPLETED
239	06-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-10-2020	15 Days	15:00	15:30	LUBRICATION COMPLETED
240	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	05-10-2020	30 Days	14:30	14:50	lubrication work done.
241	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	05-10-2020	30 Days	14:50	15:10	lubrication work done.
242	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	05-10-2020	30 Days	15:10	15:25	lubrication work done.
243	05-10-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	05-10-2020	30 Days	15:25	15:35	lubrication work done.
244	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	05-10-2020	30 Days	15:35	15:45	lubrication work done.
245	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	05-10-2020	30 Days	15:45	15:55	lubrication work done.
246	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	05-10-2020	30 Days	15:55	16:05	lubrication work done.
247	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-10-2020	30 Days	14:30	15:00	Bolt tightness checking work done.
248	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	05-10-2020	30 Days	15:00	15:30	Bolt tightness checking work done.
249	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	05-10-2020	30 Days	14:30	15:00	Lubrication work done.
250	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	05-10-2020	30 Days	15:00	15:30	Lubrication work done.
251	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-10-2020	30 Days	15:30	16:00	Base bolt tightness checking work done.
252	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	05-10-2020	15 Days	09:30	09:40	taken by ecmy engg. -0.2 mm/s
253	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	05-10-2020	15 Days	09:40	09:50	taken by ecmy engg.-0.2 mm/s

254	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	05-10-2020	15 Days	09:50	10:00	taken by ecmy engg.-0.3 mm/s
255	05-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	05-10-2020	15 Days	10:00	10:10	taken by ecmy engg.-0.2 mm/s
256	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	03-10-2020	30 Days	12:05	12:15	Lubrication work done.
257	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	03-10-2020	30 Days	12:20	12:30	Lubrication work done.
258	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	03-10-2020	30 Days	12:35	12:45	Lubrication work done.
259	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	03-10-2020	30 Days	12:50	13:00	Lubrication work done.
260	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	03-10-2020	30 Days	13:05	13:20	Lubrication work done.
261	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	03-10-2020	15 Days	14:10	14:25	Lubrication work done.
262	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	03-10-2020	15 Days	14:30	14:45	Lubrication work done.
263	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	03-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
264	03-10-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	03-10-2020	15 Days	15:05	15:25	Base bolt tightness checking work done completed and its found ok.
265	27-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	27-09-2020	15 Days	10:30	10:50	Vibration checking by ACMAT person: Drive assembly-1: Gear box-1: 3.0 mm/s, Motor-1: 3.1 mm/s
266	26-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	26-09-2020	15 Days	11:00	11:20	Vibration checking by ACMAT person: Drive assembly-2: Gear box-2: 3.9 mm/s, Motor-2: 3.1 mm/s
267	26-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	26-09-2020	15 Days	11:25	11:40	Vibration checking by ACMAT person: Drive assembly-3: Gear box-3: 4.7 mm/s, Motor-3: 3.3 mm/s
268	26-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	26-09-2020	15 Days	11:45	11:55	Vibration checking by ACMAT person: Drive assembly-4: Gear box-4: 2.7 mm/s, Motor-4: 3.3 mm/s
269	25-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	25-09-2020	15 Days	15:00	15:15	greasing done.
270	25-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-09-2020	90 Days	14:00	14:20	tightness checking done.
271	25-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-09-2020	90 Days	14:20	14:40	tightness checking done.
272	25-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-09-2020	90 Days	14:40	15:00	tightness checking done.
273	24-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-09-2020	15 Days	15:00	15:30	LUBRICATION WORK COMPLETED
274	24-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	24-09-2020	30 Days	14:00	14:15	greasing done.
275	24-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	24-09-2020	30 Days	14:15	14:30	greasing done.
276	24-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	24-09-2020	15 Days	14:30	14:45	greasing done.
277	24-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-09-2020	15 Days	14:45	15:00	greasing done.
278	24-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-09-2020	15 Days	15:15	15:30	greasing done.
279	23-09-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-09-2020	15 Days	14:10	14:30	Lubrication work done.
280	23-09-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-09-2020	15 Days	14:35	14:50	Lubrication work done.
281	23-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-09-2020	15 Days	14:55	15:10	Lubrication work done.
282	23-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
283	23-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
284	23-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
285	23-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.

286	23-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
287	23-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
288	22-09-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	22-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
289	22-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	22-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
290	22-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	22-09-2020	15 Days	14:00	14:30	LUBRICATION WORK COMPLETED
291	22-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-09-2020	15 Days	14:30	15:00	LUBRICATION WORK COMPLETED
292	18-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	18-09-2020	15 Days	14:50	15:10	Lubrication work done.
293	17-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	17-09-2020	15 Days	14:30	14:50	Base bolt tightness checking work done completed and its found ok.
294	17-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	17-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
295	16-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	16-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
296	15-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	15-09-2020	90 Days	14:30	15:05	Bolt tightness checking work done completed and its found ok.
297	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	11-09-2020	15 Days	10:30	11:00	motor1 - 2.8 mm/sec , gearbox1- 2.5 mm/sec
298	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	11-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto lubrication systems.
299	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	11-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto lubrication systems.
300	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	11-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto lubrication systems.
301	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	11-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto lubrication systems.
302	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	11-09-2020	15 Days	10:30	11:00	Vibration checking by ACMEY person: Drive assembly 4: Gear box-4: 2.7 mm/s Motor-4: 3.5 mm/s
303	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	11-09-2020	15 Days	11:05	11:30	Vibration checking by ACMEY person: Drive assembly 2: Gear box-2: 3.3 mm/s Motor-2: 2.8 mm/s
304	11-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	11-09-2020	15 Days	11:40	12:00	Vibration checking by ACMEY person: Drive assembly 3: Gear box-3: 4.7 mm/s, Motor-3: 3.8 mm/s
305	08-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
306	08-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
307	08-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
308	08-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
309	08-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
310	08-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
311	08-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
312	07-09-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
313	07-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
314	07-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
315	07-09-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
316	07-09-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
317	07-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.

318	07-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-09-2020	15 Days	00:00	24;00	Lubricated by Auto-Lubrication Pump.
319	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	05-09-2020	30 Days	14:05	14:25	Lubrication work done.
320	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	05-09-2020	30 Days	14:30	14:40	Lubrication work done.
321	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	05-09-2020	30 Days	14:55	15:10	Lubrication work done.
322	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	05-09-2020	30 Days	15:15	15:30	Lubrication work done.
323	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	05-09-2020	30 Days	15:40	15:55	Lubrication work done.
324	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-09-2020	30 Days	14:20	14:40	Bolt tightness checking work done completed and its found ok.
325	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-09-2020	30 Days	14:35	14:50	Bolt tightness checking work done completed and its found ok.
326	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-09-2020	30 Days	15:05	15:20	Bolt tightness checking work done completed and its found ok.
327	05-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-09-2020	30 Days	15:30	15:50	Bolt tightness checking work done completed and its found ok.
328	04-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	04-09-2020	30 Days	14:05	14:20	Lubrication work done.
329	04-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	04-09-2020	30 Days	14:25	14:35	Lubrication work done.
330	04-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	04-09-2020	30 Days	14:45	14:55	Lubrication work done.
331	04-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	04-09-2020	30 Days	14:55	15:05	Lubrication work done.
332	04-09-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	04-09-2020	30 Days	15:10	15:20	Lubrication work done.
333	04-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	04-09-2020	30 Days	15:25	15:35	Lubrication work done.
334	02-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	02-09-2020	30 Days	18:00	18:15	LUBRICATION WORK COMPLETED.
335	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	01-09-2020	15 Days	14:15	14:40	300/300 strokes grease fill up
336	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	01-09-2020	15 Days	14:45	15:10	300/300 strokes grease fill up
337	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	01-09-2020	15 Days	15:50	16:00	work completed
338	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	01-09-2020	15 Days	16:30	16:45	work completed
339	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	01-09-2020	30 Days	17:10	17:20	LUBRICATION WORK COMPLETED.
340	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	01-09-2020	30 Days	17:25	17:35	LUBRICATION WORK COMPLETED.
341	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	01-09-2020	30 Days	17:45	17:55	LUBRICATION WORK COMPLETED.
342	01-09-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	01-09-2020	30 Days	16:15	16:30	LUBRICATION WORK COMPLETED.
343	28-08-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	28-08-2020	180 Days	15:10	15:30	tightness checking done.
344	27-08-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	27-08-2020	180 Days	14:10	14:30	tightness checking done.
345	27-08-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	27-08-2020	180 Days	14:30	14:50	tightness checking done.
346	27-08-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	27-08-2020	180 Days	14:50	15:10	tightness checking done.
347	27-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	27-08-2020	15 Days	15:30	15:45	GREASING DONE.
348	27-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	27-08-2020	15 Days	15:45	16:00	GREASING DONE.
349	27-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	27-08-2020	15 Days	16:00	16:15	GREASING DONE.

350	27-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	27-08-2020	15 Days	16:15	16:30	GREASING DONE.
351	26-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	26-08-2020	30 Days	06:00	06:30	GREASING DONE.
352	26-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	26-08-2020	30 Days	06:30	07:00	GREASING DONE.
353	26-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	26-08-2020	15 Days	15:00	15:10	GEAR BOX-1 (HORIZONTAL SIDE) VIBRATION - 2.5 MM/SEC
354	26-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	26-08-2020	15 Days	15:15	15:30	GEAR BOX-2 (VERTICAL SIDE) VIBRATION - 2.5 MM/SEC
355	26-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	26-08-2020	15 Days	15:30	15:45	GEAR BOX-3 (VERTICAL SIDE) VIBRATION - 3.2 MM/SEC
356	26-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	26-08-2020	15 Days	15:45	16:00	GEAR BOX -4 (VERTICAL SIDE) VIBRATION - 3.1 MM/SEC
357	25-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	25-08-2020	90 Days	14:30	14:50	Base bolt tightness checking work done.
358	25-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	25-08-2020	90 Days	15:00	15:20	base bolt tightness checking work done.
359	24-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	24-08-2020	15 Days	15:10	15:30	LUBRICATION WORK DONE.
360	24-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-08-2020	15 Days	14:00	14:15	Lubrication work is completed.
361	24-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	24-08-2020	15 Days	14:15	14:30	Lubrication work is completed.
362	24-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	24-08-2020	15 Days	14:30	14:45	Lubrication work is completed.
363	24-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-08-2020	15 Days	14:45	15:00	Lubrication work is completed.
364	24-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	24-08-2020	15 Days	15:00	15:15	Lubrication work is completed.
365	24-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-08-2020	15 Days	15:15	15:30	Lubrication work is completed.
366	24-08-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	24-08-2020	90 Days	10:15	10:25	TIGHTNESS CHECK WORK COMPLETED.
367	23-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-08-2020	15 Days	14:50	15:10	LUBRICATION WORK DONE.
368	23-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	23-08-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
369	23-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	23-08-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
370	23-08-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	23-08-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
371	23-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	23-08-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
372	23-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	23-08-2020	90 Days	15:55	16:05	TIGHTNESS CHECK WORK COMPLETED.
373	23-08-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-08-2020	15 Days	14:30	14:50	LUBRICATION WORK DONE.
374	23-08-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-08-2020	15 Days	15:15	15:35	LUBRICATION WORK DONE.
375	21-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	14:15	14:20	TIGHTNESS CHECK WORK COMPLETED.
376	21-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	14:25	14:30	TIGHTNESS CHECK WORK COMPLETED.
377	21-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	14:35	14:40	TIGHTNESS CHECK WORK COMPLETED.
378	21-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	14:50	15:00	TIGHTNESS CHECK WORK COMPLETED.
379	21-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	15:00	15:10	TIGHTNESS CHECK WORK COMPLETED.
380	21-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	09:20	09:30	TIGHTNESS CHECK WORK COMPLETED.
381	15-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.

382	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	14-08-2020	90 Days	14:30	14:45	TIGHTNESS CHECKING DONE.
383	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	14-08-2020	90 Days	14:40	15:00	TIGHTNESS CHECKING DONE.
384	14-08-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	14-08-2020	90 Days	15:00	15:20	TIGHTNESS CHECKING DONE.
385	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	14-08-2020	90 Days	15:20	15:50	TIGHTNESS CHECKING DONE.
386	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	14-08-2020	90 Days	15:50	16:20	TIGHTNESS CHECKING DONE.
387	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	14-08-2020	90 Days	16:00	16:20	TIGHTNESS CHECKING DONE.
388	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	14-08-2020	15 Days	10:30	11:00	LUBRICATION COMPLETED.
389	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	14-08-2020	15 Days	11:00	11:30	LUBRICATION COMPLETED.
390	14-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	14-08-2020	15 Days	16:10	16:40	TIGHTNESS CHECKING DONE.
391	12-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	12-08-2020	15 Days	17:30	17:50	LUBRICATION WORK COMPLETED
392	12-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	12-08-2020	15 Days	18:00	18:30	LUBRICATION WORK COMPLETED
393	12-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-08-2020	15 Days	18:30	18:45	LUBRICATION WORK COMPLETED
394	12-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	12-08-2020	15 Days	18:50	19:15	LUBRICATION WORK COMPLETED
395	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	10-08-2020	15 Days	22:00	22:10	Lubricated by auto lubrication system.
396	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	10-08-2020	15 Days	22:00	22:10	Lubricated by auto lubrication system.
397	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	10-08-2020	15 Days	22:00	22:10	Lubricated by auto lubrication system.
398	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	10-08-2020	15 Days	22:50	23:00	Lubricated by auto lubrication system.
399	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	10-08-2020	15 Days	22:40	22:50	Lubricated by auto lubrication system.
400	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	10-08-2020	15 Days	22:10	22:20	Lubricated by auto lubrication system.
401	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	10-08-2020	15 Days	22:20	22:30	Lubricated by auto lubrication system.
402	10-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	10-08-2020	15 Days	22:30	22:40	lubricated by auto lubrication system.
403	09-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
404	09-08-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-08-2020	15 Days	14:30	15:00	LUBRICATION COMPLETED.
405	09-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	09-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
406	09-08-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-08-2020	15 Days	15:30	16:00	LUBRICATION COMPLETED.
407	08-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
408	08-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
409	08-08-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
410	08-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
411	06-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	06-08-2020	15 Days	10:00	10:20	GEARBOX-4.5MM/S MOTOR-3.9MM/S
412	06-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	06-08-2020	15 Days	10:00	10:20	GEARBOX-4.0MM/S MOTOR-3.7MM/S
413	06-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-08-2020	15 Days	10:20	10:40	GEARBOX-6.5MM/S MOTOR-4.0MM/S

414	06-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	06-08-2020	15 Days	10:30	10:50	GEAR BOX-3.2 MM/S MOTOR-3.0 MM/S
415	05-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	05-08-2020	90 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
416	05-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	05-08-2020	90 Days	14:50	15:10	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
417	05-08-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	05-08-2020	90 Days	15:10	15:30	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
418	05-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	05-08-2020	90 Days	15:30	15:50	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
419	05-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	05-08-2020	30 Days	15:00	15:30	LUBRICATION WORK COMPLETED.
420	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	04-08-2020	30 Days	09:00	09:20	Lubrication work done.
421	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-08-2020	30 Days	14:30	14;50	Base bolt tightness checking work completed.
422	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-08-2020	30 Days	14:50	15:10	Lubrication work completed.
423	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-08-2020	30 Days	15:10	15:30	Lubrication work completed.
424	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-08-2020	30 Days	15:30	15:50	Lubrication work completed.
425	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-08-2020	30 Days	08:00	08:20	Base bolt tightness checking work completed.
426	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-08-2020	30 Days	08:30	09:00	Base bolt tightness checking work completed.
427	04-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-08-2020	30 Days	09:00	09:30	Base bolt tightness checking work completed.
428	03-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	03-08-2020	30 Days	14:30	14:50	lubrication work done.
429	03-08-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	03-08-2020	30 Days	14:50	15:10	lubrication work done.
430	03-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	03-08-2020	30 Days	15:10	15:30	LUBRICATION WORK DONE.
431	03-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	03-08-2020	30 Days	15:30	15:45	LUBRICATION WORK DONE.
432	03-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	03-08-2020	30 Days	14:50	15:10	LUBRICATION WORK DONE.
433	03-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	03-08-2020	30 Days	15:20	15:30	LUBRICATION WORK DONE.
434	02-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	02-08-2020	30 Days	14:30	14:50	LUBRICATION WORK DONE.
435	02-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	02-08-2020	30 Days	14:50	15:10	LUBRICATION WORK DONE.
436	02-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	02-08-2020	30 Days	15:10	15:20	LUBRICATION WORK DONE.
437	02-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	02-08-2020	30 Days	15:30	15:40	LUBRICATION WORK DONE.
438	02-08-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	02-08-2020	30 Days	15:40	15:50	LUBRICATION WORK DONE.
439	01-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	01-08-2020	15 Days	14:20	14:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
440	01-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	01-08-2020	15 Days	14:30	14:50	LUBRICATION WORK DONE.
441	01-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	01-08-2020	15 Days	14:50	15:10	LUBRICATION WORK DONE.
442	01-08-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	01-08-2020	15 Days	15:10	15:30	LUBRICATION WORK DONE.
443	28-07-2020	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	28-07-2020	90 Days	11:30	11:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
444	27-07-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	27-07-2020	30 Days	14:30	14:50	LUBRICATION WORK DONE.
445	27-07-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	27-07-2020	30 Days	14:50	15:10	LUBRICATION WOKE DONE.

446	26-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	26-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
447	26-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
448	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
449	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
450	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
451	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
452	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
453	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
454	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
455	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
456	25-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
457	23-07-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-07-2020	15 Days	14:30	15:00	LUBRICATION COMPLETED.
458	23-07-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-07-2020	15 Days	15:00	15:30	LUBRICATION COMPLETED.
459	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	22-07-2020	15 Days	14:30	14:45	LUBRICATION WORK COMPLETED.
460	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-07-2020	15 Days	14:45	15:00	LUBRICATION WORK COMPLETED.
461	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-07-2020	15 Days	15:00	15:15	LUBRICATION WORK COMPLETED.
462	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	22-07-2020	15 Days	15:15	15:30	LUBRICATION WORK COMPLETED.
463	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	22-07-2020	15 Days	15:30	15:45	LUBRICATION WORK COMPLETED.
464	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	22-07-2020	15 Days	08:00	08:20	GEAR BOX-3.1MM/S MOTOR-3.1MM/S
465	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	22-07-2020	15 Days	08:20	08:40	GEAR BOX-3.6MM/S MOTOR-4.0MM/S
466	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	22-07-2020	15 Days	08:40	08:50	GEAR BOX-3.1MM/S MOTOR-3.1MM/S
467	22-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	22-07-2020	15 Days	08:50	09:00	GEAR BOX-3.7MM/S MOTOR-2.9MM/S
468	19-07-2020	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	19-07-2020	90 Days	15:20	15:40	TIGHTNESS CHECKING DONE.
469	19-07-2020	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	19-07-2020	90 Days	15:40	16:00	TIGHTNESS CHECKING DONE.
470	19-07-2020	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	19-07-2020	90 Days	16:00	16:20	TIGHTNESS CHECKING DONE.
471	15-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-07-2020	15 Days	08:00	08:30	Lubrication work completed.
472	14-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	14-07-2020	15 Days	14:30	15:00	Lubrication work completed.
473	13-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	13-07-2020	15 Days	15:00	15:20	LUBRICATION WORK DONE.
474	11-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	11-07-2020	15 Days	11:30	11:50	TIGHTNESS CHECKING DONE.
475	09-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	09-07-2020	15 Days	08:00	08:10	lubrication work is completed.
476	09-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	09-07-2020	15 Days	08:10	08:20	lubrication work is completed.
477	09-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	09-07-2020	15 Days	08:20	08:30	lubrication work is completed.

478	08-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	08-07-2020	15 Days	07:20	07:40	Lubrication work completed.
479	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	07-07-2020	15 Days	10:00	10:20	Lubrication work completed.
480	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	07-07-2020	15 Days	10:20	10:40	Lubrication work completed.
481	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-07-2020	15 Days	07:00	07:20	Lubrication work completed.
482	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-07-2020	15 Days	07:40	08:00	Lubrication work completed.
483	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-07-2020	15 Days	08:00	08:20	Lubrication work completed.
484	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-07-2020	15 Days	08:20	08:40	Lubrication work completed.
485	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-07-2020	15 Days	08:40	09:00	Lubrication work completed.
486	07-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	07-07-2020	15 Days	09:00	09:20	Lubrication work completed.
487	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	06-07-2020	15 Days	08:00	08:20	Lubrication work completed.
488	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-07-2020	15 Days	08:20	08:40	Lubrication work completed.
489	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	06-07-2020	15 Days	08:40	09:00	Lubrication work completed.
490	06-07-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-07-2020	15 Days	09:00	09:20	Lubrication work completed.
491	06-07-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-07-2020	15 Days	14:30	14:50	Lubrication work completed.
492	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	06-07-2020	15 Days	16:10	16:30	gearbox-2.9mm/s motor-2.6mm/s
493	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	06-07-2020	15 Days	16:30	16:50	gearbox-2.4mm/s motor-3.0mm/s
494	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-07-2020	15 Days	16:50	17:10	gearbox-2.3mm/s motor-2.4mm/s
495	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	06-07-2020	15 Days	17:10	17:30	gearbox-2.1mm/s motor-3.2mm/s
496	06-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	06-07-2020	30 Days	10:30	11:00	LUBRICATION WORK COMPLETED.
497	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	05-07-2020	30 Days	10:00	10:15	lubrication work is completed.
498	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	05-07-2020	30 Days	10:15	10:30	lubrication work is completed.
499	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-07-2020	30 Days	10:30	10:35	Tightness work is completed.
500	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-07-2020	30 Days	10:35	10:40	Tightness work is completed.
501	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-07-2020	30 Days	10:40	10:45	Tightness work is completed.
502	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-07-2020	30 Days	10:45	10:50	Tightness work is completed.
503	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	05-07-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
504	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	05-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSSTEM.
505	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	05-07-2020	30 Days	14:30	14:50	LUBRICATION WORK COMPLETED.
506	05-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	05-07-2020	30 Days	10:00	10:30	LUBRICATION WORK COMPLETED.
507	04-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	04-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
508	01-07-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	01-07-2020	15 Days	14:30	15:00	LUBRICATION WORK IS DONE.
509	01-07-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	01-07-2020	30 Days	15:00	15:20	LUBRICATION WORK IS DONE.

510	28-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	28-06-2020	15 Days	11:30	12:00	LUBRICATION WORK IS DONE.
511	28-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	28-06-2020	30 Days	10:30	10:40	Lubrication completed.
512	28-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	28-06-2020	30 Days	10:40	10:50	Lubrication completed.
513	28-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	28-06-2020	30 Days	10:50	11:00	Lubrication completed.
514	28-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	28-06-2020	30 Days	11:00	11:20	Lubrication completed.
515	28-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	28-06-2020	30 Days	11:20	11:30	Lubrication completed.
516	28-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	28-06-2020	30 Days	11:40	11:50	Lubrication completed.
517	27-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	27-06-2020	30 Days	10:00	10:10	Lubrication work is completed.
518	27-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	27-06-2020	30 Days	10:10	10:20	Lubrication work is completed.
519	27-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	27-06-2020	30 Days	10:20	10:30	Lubrication work is completed.
520	27-06-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	27-06-2020	30 Days	10:30	10:40	Lubrication work is completed.
521	27-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	27-06-2020	30 Days	10:40	10:50	Lubrication work is completed.
522	26-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	26-06-2020	15 Days	08:30	08:50	GEARBOX-3.3MM/S MOTOR-2.9MM/S
523	26-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	26-06-2020	15 Days	08:50	09:00	GEARBOX-4.0MM/S MOTOR-2.7MM/S
524	26-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	26-06-2020	15 Days	09:00	09:30	GEARBOX-4.0MM/S MOTOR-2.7MM/
525	26-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	26-06-2020	15 Days	09:30	09:45	GEARBOX-2.5MM/S MOTOR-2.6MM/
526	26-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	26-06-2020	30 Days	09:00	09:10	LUBRICATION COMPLETED.
527	25-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-06-2020	90 Days	14:00	14:30	TIGHTNESS CHECKING DONE.
528	25-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-06-2020	90 Days	14:30	15:00	TIGHTNESS CHECKING DONE.
529	25-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-06-2020	90 Days	15:00	15:30	TIGHTNESS CHECKING DONE.
530	25-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	25-06-2020	15 Days	15:30	15:45	TIGHTNESS CHECKING DONE.
531	23-06-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-06-2020	15 Days	05:00	05:15	GREASING DONE.
532	23-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	23-06-2020	15 Days	05:15	05:30	GREASING DONE.
533	23-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	23-06-2020	15 Days	05:30	05:45	GREASING DONE.
534	23-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	23-06-2020	15 Days	05:45	06:00	GREASING DONE.
535	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	22-06-2020	15 Days	05:15	05:30	GREASING DONE.
536	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	22-06-2020	15 Days	05:00	05:15	GREASING DONE.
537	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-06-2020	15 Days	05:30	05:45	GREASING DONE.
538	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	22-06-2020	15 Days	05:45	06:00	GREASING DONE.
539	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-06-2020	15 Days	06:00	06:15	GREASING DONE.
540	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	22-06-2020	15 Days	06:15	06:30	GREASING DONE.
541	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-06-2020	15 Days	06:30	06:45	GREASING DONE.

542	22-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	22-06-2020	15 Days	06:45	07:00	GREASING DONE.
543	21-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
544	21-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
545	21-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
546	21-06-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
547	20-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	20-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
548	20-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	20-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
549	20-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
550	15-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	15-06-2020	90 Days	06:00	07:00	bolt tightness checking done.
551	13-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	13-06-2020	15 Days	14:15	15:30	manually lubricated
552	13-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	13-06-2020	15 Days	10:00	11:00	max-3.0mm/s
553	11-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	11-06-2020	15 Days	14:30	15:30	manually lubricated
554	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	09-06-2020	30 Days	14:00	15:30	manually lubricated
555	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	09-06-2020	30 Days	11:00	11:20	LUBRICATION COMPLETED.
556	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	09-06-2020	30 Days	11:20	11:40	LUBRICATION COMPLETED
557	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	09-06-2020	30 Days	11:40	12:00	LUBRICATION COMPLETED
558	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	09-06-2020	30 Days	12:00	12:20	LUBRICATION COMPLETED
559	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	09-06-2020	30 Days	11:00	11:30	TIGHTNESS CHECKING DONE.
560	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	09-06-2020	30 Days	11:20	11:40	TIGHTNESS CHECKING DONE.
561	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	09-06-2020	30 Days	14:30	14:40	LUBRICATION COMPLETED.
562	09-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	09-06-2020	30 Days	14:40	15:00	LUBRICATION COMPLETED.
563	09-06-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	09-06-2020	30 Days	14:45	15:00	LUBRICATION COMPLETED
564	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	08-06-2020	15 Days	10:15	10:30	motor 1 : 3.0 mm/sec gear box 1 : 4.0 mm/sec
565	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	08-06-2020	15 Days	10:30	10:40	motor 2: 4.2 mm/sec gear box 2 : 2.8 mm/sec
566	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	08-06-2020	15 Days	10:40	10:45	motor 3 : 2.6 mm/sec gear box 3 : 3.1 mm/sec
567	08-06-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
568	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
569	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
570	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
571	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
572	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-06-2020	15 Days	00;00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
573	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.

574	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
575	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
576	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
577	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
578	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
579	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	08-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
580	08-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	08-06-2020	30 Days	00:00	24:00:00	Lubrication work is done by Auto-Lubrication pump.
581	06-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	06-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
582	06-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-06-2020	15 Days	14:30	15:45	manually lubricated
583	06-06-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
584	06-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
585	03-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	03-06-2020	30 Days	15:00	15:15	greasing done.
586	02-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	02-06-2020	30 Days	14:15	14:30	greasing done.
587	02-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	02-06-2020	30 Days	14:30	14:45	greasing done.
588	02-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	02-06-2020	30 Days	14:45	15:00	greasing done.
589	02-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	02-06-2020	15 Days	15:15	15:30	greasing done.
590	02-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	02-06-2020	15 Days	15:30	15:45	greasing done.
591	02-06-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	02-06-2020	15 Days	15:45	16:00	greasing done.
592	01-06-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	01-06-2020	30 Days	11:50	12:00	Lubrication completed.
593	27-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	27-05-2020	15 Days	09:50	10:25	LUBRICATION WORK DONE.
594	26-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	26-05-2020	15 Days	15:30	15:50	LUBRICATION WORK DONE.
595	26-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	26-05-2020	15 Days	10:30	10:50	LUBRICATION WORK DONE.
596	26-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	26-05-2020	90 Days	11:30	11:45	BASE BOLT TIGHTNESS CHECKING WORK SONE.
597	26-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	26-05-2020	90 Days	11:20	11:40	BASE BOLT TIGHTNESS CHECKING WORK DONE.
598	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	25-05-2020	15 Days	11:00	11:30	Gearbox-3.9mm/s motor-2.4mm/s
599	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	11:00	11:15	base bolt tightness checking work done.
600	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	11:15	11:30	base bolt tightness checking work done.
601	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	11:30	11:45	base bolt tightness checking work done.
602	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	11:45	12:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
603	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	12:00	12:15	BASE BOLT TIGHTNESS CHECKING WORK DONE.
604	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	12:30	12:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
605	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	13:15	13:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.

606	25-05-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	13:30	13:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
607	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	25-05-2020	15 Days	14:30	14:50	LUBRICATION WORK DONE.
608	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	25-05-2020	15 Days	14:50	15:10	LUBRICATION WORK DONE.
609	25-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	25-05-2020	15 Days	15:10	15:30	LUBRICATION WORK DONE.
610	25-05-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	25-05-2020	15 Days	15:50	16:10	LUBRICATION WORK DONE.
611	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	24-05-2020	15 Days	11:00	11:20	Gearbox-3.9mm/s motor-3.8mm/s
612	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	24-05-2020	15 Days	10:20	10:40	Gearbox-3.7mm/s motor-3.2mm/s
613	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	24-05-2020	15 Days	10:40	11:00	Gearbox-4.6mm/s motor-3.6mm/s
614	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
615	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
616	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
617	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
618	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
619	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
620	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
621	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
622	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
623	24-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	24-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
624	23-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	23-05-2020	15 Days	14:30	14:50	LUBRICATION WORK DONE.
625	23-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	23-05-2020	15 Days	14:45	15:10	LUBRICATION WORK DONE.
626	23-05-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	23-05-2020	15 Days	15:30	15:45	LUBRICATION WORK DONE.
627	18-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	18-05-2020	15 Days	15:00	15:15	Lubrication work completed.
628	18-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	18-05-2020	15 Days	15:15	15:25	Lubrication work completed.
629	18-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	18-05-2020	15 Days	15:25	15:35	Lubrication work completed.
630	15-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-05-2020	30 Days	14:30	15:20	Tightness checking one.
631	15-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-05-2020	30 Days	15:20	16:00	Tightness checking done.
632	15-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	15-05-2020	30 Days	14:30	15:20	Lubrication work completed.
633	15-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	15-05-2020	30 Days	15:20	16:00	Lubrication work completed.
634	14-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	14-05-2020	90 Days	14:30	14:40	Base bolt tightness checking work completed.
635	14-05-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	14-05-2020	90 Days	14:40	14:50	Base bolt tightness checking work completed.
636	14-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	14-05-2020	90 Days	14:50	15:00	Base bolt tightness checking work completed.
637	14-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	14-05-2020	90 Days	15:00	15:10	Base bolt tightness checking work completed.

638	14-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	14-05-2020	90 Days	14:30	14:50	Tightness checking done.
639	14-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	14-05-2020	90 Days	14:50	15:10	Tightness checking done.
640	13-05-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	13-05-2020	30 Days	14:40	15:00	LUBRICATION WORK DONE.
641	12-05-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	12-05-2020	30 Days	14:30	14:50	LUBRICATION WORK DONE.
642	12-05-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	12-05-2020	30 Days	15:10	15:30	LUBRICATION WORK DONE.
643	12-05-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	12-05-2020	30 Days	15:30	15:50	LUBRICATION WORK DONE.
644	09-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	09-05-2020	15 Days	10:00	10:20	Gearbox-3.9mm/s motor-3.8mm/s
645	09-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	09-05-2020	15 Days	10:20	10:40	Gearbox-3.7mm/s motor-3.2mm/s
646	09-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	09-05-2020	15 Days	11:00	11:20	Gearbox-4.6mm/s motor-3.6mm/s
647	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	08-05-2020	15 Days	11:00	11:15	Gearbox-3.9mm/s motor-3.8mm/s
648	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	08-05-2020	15 Days	11:15	11:30	Gearbox-3.7mm/s motor-3.2mm/s
649	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	08-05-2020	15 Days	11:30	11:45	Gearbox-4.6mm/s motor-3.6mm/s
650	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	08-05-2020	15 Days	11:45	12:00	Gearbox-3.9mm/s motor-2.4mm/s
651	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	08-05-2020	15 Days	10:00	10:20	Gearbox-3.9mm/s motor-3.8mm/s
652	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	08-05-2020	15 Days	10:20	10:40	Gearbox-3.7mm/s motor-3.2mm/s
653	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	08-05-2020	15 Days	10:45	11:00	Gearbox-4.6mm/s motor-3.6mm/s
654	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	08-05-2020	15 Days	10:00	12:00	max-3.9mm/s,min-0.5mm/s
655	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	08-05-2020	15 Days	10:00	12:00	max-4.6mm/s,min-0.7mm/s
656	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	08-05-2020	15 Days	10:00	12:00	max-3.7mm/s,min-0.5mm/s
657	08-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	08-05-2020	15 Days	10:00	12:00	max-3.9mm/s,min-0.7mm/s
658	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	07-05-2020	90 Days	14:25:00	14:35:00	Base bolt tightness checking work done completed and its found ok.
659	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	07-05-2020	90 Days	14:40:00	14:50:00	Base bolt tightness checking work done completed and its found ok.
660	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	07-05-2020	90 Days	14:50:00	15:00:00	Base bolt tightness checking work done completed and its found ok.
661	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	07-05-2020	90 Days	15:10:00	15:20:00	Base bolt tightness checking work done completed and its found ok.
662	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	07-05-2020	15 Days	15:25:00	15:30:00	Base bolt tightness checking work done completed and its found ok.
663	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
664	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
665	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
666	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
667	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
668	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
669	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.

670	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
671	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
672	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
673	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	07-05-2020	30 Days	15:00	15:10	greasing done.
674	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	07-05-2020	15 Days	15:10	15:20	greasing done.
675	07-05-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-05-2020	15 Days	15:20	15:30	greasing done.
676	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-05-2020	15 Days	15:30	15:40	greasing done.
677	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-05-2020	15 Days	15:40	15:50	greasing done.
678	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	07-05-2020	15 Days	15:50	16:00	greasing done.
679	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	07-05-2020	15 Days	16:00	16:10	greasing done.
680	07-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	07-05-2020	15 Days	16:10	16:20	greasing done.
681	07-05-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-05-2020	15 Days	16:20	16:30	greasing done.
682	04-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	04-05-2020	15 Days	14:30	14:45	lubrication work done.
683	04-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	04-05-2020	15 Days	14:45	15:00	lubrication work done.
684	04-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	04-05-2020	15 Days	15:15	15:30	lubrication work done.
685	03-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-05-2020	30 Days	10:00	10:40	Tightness checking done.
686	03-05-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	03-05-2020	30 Days	10:00	10:15	lubrication work done.
687	03-05-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	03-05-2020	30 Days	10:15	10:30	lubrication work done.
688	03-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	03-05-2020	30 Days	10:00	12:30	job completed
689	03-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	03-05-2020	30 Days	10:30	12:30	BOLT TIGHTNESS CHECKING WORK DONE.
690	03-05-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	03-05-2020	30 Days	10:30	12:30	LUBRICATION WORK DONE.
691	28-04-2020	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	28-04-2020	90 Days	12:00:00	12:20:00	Base bolt tightness checking work done completed and its found ok.
692	28-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	28-04-2020	30 Days	14:30	14:45	lubrication work done.
693	28-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	28-04-2020	30 Days	14:45	15:15	lubrication work done.
694	28-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	28-04-2020	30 Days	15:15	15:30	lubrication work done.
695	28-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	28-04-2020	30 Days	15:30	15:45	lubrication work done.
696	28-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	28-04-2020	30 Days	15:45	16:00	lubrication work done.
697	28-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	28-04-2020	30 Days	16:00	16:15	lubrication work done.
698	28-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	28-04-2020	30 Days	17:00	17:15	lubrication work done.
699	24-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	24-04-2020	15 Days	11:10:00	11:25:00	DRIVE-1 MOTOR- 3.4 MM/S GEAR BOX-5.7 MM/S
700	24-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	24-04-2020	15 Days	11:30:00	11:50:00	DRIVE-2 MOTOR- 4.0 MM/S GEAR BOX- 5.7 MM/S
701	24-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	24-04-2020	15 Days	12:00:00	12:15:00	DRIVE-3, MOTOR- 3.9 MM/S GEAR BOX- 4.7 MM/S

702	24-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	24-04-2020	15 Days	12:20:00	12:40:00	DRIVE-4, MOTOR- 1.6 MM/S , GEAR BOX- 4.1 MM/S
703	23-04-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	23-04-2020	15 Days	14:00	14:15	LUBRICATION WORK IS DONE.
704	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
705	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	22-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
706	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
707	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	22-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
708	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	22-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
709	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	22-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
710	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-04-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
711	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	22-04-2020	15 Days	14:00	14:20	LUBRICATION WORK DONE
712	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	22-04-2020	15 Days	14:00	14:30	LUBRICATION WORK DONE
713	22-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-04-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
714	21-04-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	21-04-2020	15 Days	15:30	15:50	lubrication work done.
715	21-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	21-04-2020	15 Days	15:50	16:10	lubrication work done.
716	21-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-04-2020	15 Days	15:00	15:20	lubrication work done.
717	21-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	21-04-2020	15 Days	15:20	15:40	lubrication work done.
718	21-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	21-04-2020	15 Days	15:40	16:00	lubrication work done.
719	20-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	20-04-2020	15 Days	13:30	13:55	Lubrication work done.
720	20-04-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	20-04-2020	15 Days	14:20	14:40	Lubrication work don.
721	20-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	20-04-2020	15 Days	15:20	15:30	base bolt tightness checking work done.
722	18-04-2020	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	18-04-2020	90 Days	14:30:00	14:50:00	Base bolt tightness checking work done and its found ok.
723	18-04-2020	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	18-04-2020	90 Days	14:55:00	15:15:00	Base bolt tightness checking work done and its found ok.
724	18-04-2020	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	18-04-2020	90 Days	15:30:00	15:45:00	Base bolt tightness checking work done and its found ok.
725	14-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	14-04-2020	30 Days	14:30	15:00	High speed bolt tightness complete with lubrication.
726	14-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	14-04-2020	15 Days	14:30	14:55	lubrication work done.
727	14-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	14-04-2020	15 Days	14:55	15:20	lubrication work done.
728	14-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	14-04-2020	15 Days	15:20	15:40	lubrication work done.
729	10-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	10-04-2020	30 Days	15:20:00	15:35:00	Lubrication done.
730	09-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	09-04-2020	30 Days	15:30:00	15:40:00	LUBRICATION WORK DONE.
731	09-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	09-04-2020	30 Days	15:40:00	15:50:00	LUBRICATION WORK DONE.
732	09-04-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	09-04-2020	30 Days	15:50:00	16:00:00	LUBRICATION WORK DONE.
733	09-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	09-04-2020	30 Days	16:00:00	16:10:00	LUBRICATION WORK DONE.

734	09-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-04-2020	15 Days	14:40:00	15:00:00	LUBRICATION WORK DONE.
735	09-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	09-04-2020	30 Days	14:30:00	14:40:00	Lubrication done.
736	09-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	09-04-2020	30 Days	14:45:00	14:55:00	Lubrication done.
737	09-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	09-04-2020	30 Days	15:00:00	15:15:00	Lubrication done.
738	08-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	08-04-2020	30 Days	14:30:00	14:40:00	LUBRICATION WORK DONE.
739	08-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	08-04-2020	15 Days	15:00:00	15:20:00	LUBRICATION WORK DONE.
740	08-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	08-04-2020	15 Days	14:50	15:10	LUBRICATION WORK DONE.
741	08-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	08-04-2020	15 Days	15:10	15;30	LUBRICATION WORK DONE.
742	08-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-04-2020	30 Days	14:45:00	15:20:00	Bolt tightness checking work done and its found ok.
743	08-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-04-2020	30 Days	15:25:00	15:40:00	Bolt tightness checking work done and its found ok.
744	08-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	08-04-2020	30 Days	15:45:00	16:00:00	Bolt tightness checking work done and its found ok.
745	07-04-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-04-2020	15 Days	14:30:00	14:50:00	LUBRICATION WORK DONE.
746	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
747	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
748	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
749	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
750	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
751	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
752	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
753	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
754	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	06-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
755	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	06-04-2020	15 Days	17:15	17:20	GEAR BOX : 3.5 MM/SEC MOTOR :3.9 MM/SEC
756	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	06-04-2020	15 Days	17:20	17:25	GEAR BOX : 4.2 MM/SEC MOTOR : 3.7 MM/SEC
757	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-04-2020	15 Days	17:15	17:20	GEAR BOX : 4.2 MM/SEC MOTOR : 3.7 MM/SEC
758	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	06-04-2020	15 Days	17:20	17:25	MOTOR :3.1 MM/SEC GEAR BOX :3.6 MM/SEC
759	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-04-2020	15 Days	14:30	14:50	LUBRICATION WORK DONE.
760	06-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	06-04-2020	15 Days	15:10	15:30	LUBRICATION WORK DONE.
761	06-04-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-04-2020	15 Days	15:40	16:00	LUBRICATION WORK DONE.
762	05-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	05-04-2020	15 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
763	04-04-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	04-04-2020	30 Days	14:10	14:20	lubrication work done.
764	04-04-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	04-04-2020	15 Days	14:30:00	14:50:00	lubrication work done.
765	04-04-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	04-04-2020	15 Days	15:20	15:40	LUBRICATION WORK DONE.

766	31-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	31-03-2020	30 Days	08:45:00	09:00:00	LUBRICATION WORK DONE.
767	30-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	30-03-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
768	30-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	30-03-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
769	29-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	29-03-2020	30 Days	07:30	07:50	LUBRICATION WORK DONE.
770	29-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	29-03-2020	30 Days	07:50:00	08:10:00	LUBRICATION WORK DONE.
771	29-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	29-03-2020	30 Days	08:15:00	08:30:00	LUBRICATION WORK DONE.
772	29-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	29-03-2020	30 Days	08:30:00	08:45:00	LUBRICATION WORK DONE.
773	29-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	29-03-2020	30 Days	09:30:00	09:45:00	LUBRICATION WORK DONE.
774	29-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	29-03-2020	30 Days	09:40:00	09:55:00	LUBRICATION WORK DONE.
775	29-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	29-03-2020	30 Days	12:45:00	13:00:00	LUBRICATION WORK DONE.
776	28-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	28-03-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
777	24-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	24-03-2020	15 Days	14:30	15:00	lubrication work done.
778	24-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	24-03-2020	15 Days	15:00	15:30	lubrication work done.
779	23-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	23-03-2020	90 Days	10:00	11:00	bolt tightness checking work done.
780	23-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	23-03-2020	90 Days	11:00	12:00	bolt tightness checking work done.
781	23-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	23-03-2020	90 Days	12:00	13:00	bolt tightness checking work done.
782	22-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	22-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
783	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
784	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
785	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
786	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	21-03-2020	15 Days	0	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
787	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
788	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
789	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
790	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
791	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
792	21-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
793	20-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
794	20-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	20-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
795	19-03-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-03-2020	15 Days	14:30	14:50	LUBRICATION WORK COMPLETED.
796	19-03-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	19-03-2020	15 Days	14:50	15:30	LUBRICATION WORK COMPLETED.
797	13-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	13-03-2020	15 Days	09:00	09:20	motor1-3.4mm/s gearbox1-2.8mm/s

798	13-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	13-03-2020	15 Days	09:30	10:00	motor2-3.3mm/s gearbox2-3.5mm/s
799	13-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	13-03-2020	15 Days	10:00	10:20	motor3-3.7mm/s gearbox3-2.8mm/s
800	13-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	13-03-2020	15 Days	10:20	10:40	motor4-2.9mm/s gearbox4-2.7mm/s
801	12-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	12-03-2020	15 Days	00:00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
802	12-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	12-03-2020	15 Days	00:00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
803	11-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	11-03-2020	15 Days	00:00:00	24:00:00	LUBRICATION BY AUTO LUBRICATION SYSTEMS.
804	11-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	11-03-2020	15 Days	00:00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
805	11-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	11-03-2020	15 Days	00:00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
806	09-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	09-03-2020	15 Days	1430	1500	lubrication work done.
807	09-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	09-03-2020	15 Days	1500	1530	lubrication work done.
808	09-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	09-03-2020	15 Days	17:00:00	17:20:00	VIBRATION= 3.5 mm/s.
809	09-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	09-03-2020	15 Days	17:20:00	17:40:00	VIBRATION= 2.8 mm/s
810	09-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	09-03-2020	15 Days	17:40:00	18:00:00	VIBRATION= 3.6 mm/s
811	09-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	09-03-2020	15 Days	18:00:00	18:25:00	VIBRATION= 3.1 mm/s
812	08-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	08-03-2020	30 Days	08:30	08:40	GREASING DONE.
813	08-03-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	08-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
814	08-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	08-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
815	08-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
816	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	07-03-2020	30 Days	08:00	08:10	GREASING DONE.
817	07-03-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	07-03-2020	30 Days	08:10	08:20	GREASING DONE.
818	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	07-03-2020	30 Days	08:20	08:30	GREASING DONE.
819	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	07-03-2020	30 Days	08:40	08:50	GREASING DONE.
820	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-03-2020	30 Days	08:50	09:10	TIGHTNESS CHECKING DONE
821	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-03-2020	30 Days	09:10	09:20	TIGHTNESS CHECKING DONE.
822	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	07-03-2020	30 Days	09:20	09:30	GREASING DONE.
823	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	07-03-2020	30 Days	09:30	09:40	GREASING DONE.
824	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	07-03-2020	30 Days	09:40	09:50	GREASING DONE.
825	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	07-03-2020	30 Days	09:50	10:00	GREASING DONE.
826	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-03-2020	30 Days	10:00	10:20	TIGHTNESS CHECKING DONE.
827	07-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	07-03-2020	90 Days	14:10	14:30	TIGHTNESS CHECKING DONE.
828	06-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	06-03-2020	15 Days	14:30	14:50	GREASING DONE.
829	06-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	06-03-2020	15 Days	14:50	15:00	GREASING DONE.

830	06-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-03-2020	15 Days	15:00	15:10	GREASING DONE.
831	06-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	06-03-2020	15 Days	16:20	16:30	GREASING DONE.
832	06-03-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-03-2020	15 Days	16:30	16:40	GREASING DONE.
833	06-03-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-03-2020	15 Days	16:40	16:50	GREASING DONE.
834	06-03-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	06-03-2020	30 Days	16:50	17:00	GREASING DONE.
835	06-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	06-03-2020	15 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING DONE.
836	02-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	02-03-2020	15 Days	14:30	14:50	lubrication work done.
837	02-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	02-03-2020	15 Days	14:50	15:15	lubrication work done.
838	02-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	02-03-2020	15 Days	15:15	15:45	lubrication work done.
839	01-03-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	01-03-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
840	29-02-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	29-02-2020	180 Days	14:20	14:45	TIghtness checking done.
841	29-02-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	29-02-2020	180 Days	14:45	15:00	TIghtness checking done.
842	29-02-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	29-02-2020	180 Days	15:00	15:20	TIghtness checking done.
843	29-02-2020	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	29-02-2020	180 Days	15:20	15:40	TIghtness checking done.
844	29-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	29-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
845	27-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	27-02-2020	30 Days	14:15	14:30	LUBRICATION WORK DONE.
846	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	26-02-2020	90 Days	15:20	15:40	TIGHTNESS CHECKING DONE
847	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	26-02-2020	30 Days	15:40	16:00	TIGHTNESS CHECKING DONE
848	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	26-02-2020	30 Days	16:00	16:20	TIGHTNESS CHECKING DONE
849	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	26-02-2020	15 Days	11:00	11:15	GEAR BOX1-3.4MM/SEC MOTOR1-3.3MM/SEC
850	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	26-02-2020	15 Days	11:15	11:30	GEAR BOX1-3.6MM/SEC MOTOR1-3.2 MM/SEC
851	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	26-02-2020	15 Days	11:30	11:45	GEAR BOX1-3.5MM/SEC MOTOR1-3.1 MM/SEC
852	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	26-02-2020	30 Days	14:30	14:45	LUBRICATION WORK DONE.
853	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	26-02-2020	90 Days	14:15	14:35	TIGHTNESS CHECKING DONE.
854	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	26-02-2020	90 Days	14:35	15:00	TIGHTNESS CHECKING DONE
855	26-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	26-02-2020	90 Days	15:00	15:20	TIGHTNESS CHECKING DONE
856	25-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	25-02-2020	30 Days	14:30	14:45	LUBRICATION WORK DONE.
857	25-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	25-02-2020	30 Days	14:45	15:00	LUBRICATION DONE.
858	25-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	25-02-2020	30 Days	15:00	15:15	LUBRICATION DONE.
859	25-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	25-02-2020	30 Days	15:20	15:40	LUBRICATION DONE.
860	25-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	25-02-2020	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
861	25-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	25-02-2020	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.

862	25-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	25-02-2020	30 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
863	24-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	24-02-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
864	24-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	24-02-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
865	24-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-02-2020	15 Days	06:00	22:00	LUBRICATION WORK DONE.
866	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	15:00	15:10	tightness checking done.
867	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	15:10	15:20	tightness checking done.
868	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	15:20	15:30	tightness checking done.
869	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	15:30	15:40	tightness checking done.
870	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	15:40	15:50	tightness checking done.
871	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	15:50	16:00	tightness checking done.
872	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	16:00	16:10	tightness checking done.
873	23-02-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	16:10	16:20	tightness checking done.
874	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	23-02-2020	15 Days	16:20	16:30	LUBRICATION WORK DONE.
875	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	23-02-2020	15 Days	16:30	16:40	LUBRICATION WORK DONE.
876	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-02-2020	15 Days	16:40	16:50	LUBRICATION WORK DONE.
877	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	23-02-2020	15 Days	16:50	17:00	LUBRICATION WORK DONE.
878	23-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	23-02-2020	15 Days	17:00	17:10	LUBRICATION WORK DONE.
879	21-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	21-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
880	21-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	21-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
881	21-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
882	21-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	21-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
883	18-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	18-02-2020	90 Days	14:50	15:20	TIGHTNESS CHECKING DONE.
884	18-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-02-2020	90 Days	15:20	15:50	TIGHTNESS CHECKING DONE.
885	18-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-02-2020	90 Days	15:40	16:00	TIGHTNESS CHECKING DONE.
886	18-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	18-02-2020	90 Days	16:40	17:00	TIGHTNESS CHECKING DONE.
887	18-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	18-02-2020	15 Days	12:20	12:40	Gearbox-3.7mm/s motor-3.6mm/s
888	18-02-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	18-02-2020	15 Days	15:10	15:20	lubrication work done.
889	18-02-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	18-02-2020	15 Days	15:20	15:30	lubrication work done.
890	18-02-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-02-2020	90 Days	15:30	15:40	TIGHTNESS CHECKING DONE.
891	18-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-02-2020	15 Days	15:40	15:50	TIGHTNESS CHECKING DONE.
892	17-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	17-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
893	17-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	17-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.

894	17-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	17-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SUSTEM.
895	16-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	16-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
896	16-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	16-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
897	16-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	16-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
898	15-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	15-02-2020	15 Days	08:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
899	11-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	11-02-2020	15 Days	14:30	14:50	LUBRICATION WORK DONE.
900	11-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	11-02-2020	15 Days	14:50	15:10	LUBRICATION WORK DONE.
901	10-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	10-02-2020	15 Days	14:30	14:50	lubrication work is completed.
902	10-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	10-02-2020	15 Days	11:00	11:20	Gearbox-2.6mm/s motor-2.7mm/s
903	10-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	10-02-2020	15 Days	11:20	11:40	Gearbox-3.6mm/s motor-3.4mm/s
904	10-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	10-02-2020	15 Days	11:40	12:00	Gearbox-3.4mm/s motor-3.0mm/s
905	09-02-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	09-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
906	09-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	09-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
907	09-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	09-02-2020	15 Days	14:50	15:10	LUBRICATION WORK DONE.
908	09-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	09-02-2020	15 Days	15:10	15:40	LUBRICATION WORK DONE.
909	09-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	09-02-2020	15 Days	15:30	15:50	LUBRICATION WORK DONE.
910	09-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	09-02-2020	15 Days	15:50	16:10	LUBRICATION WORK DONE.
911	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	07-02-2020	30 Days	11:00	11:20	LUBRICATION COMPLETED.
912	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	07-02-2020	30 Days	11:20	11:40	LUBRICATION COMPLETED.
913	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	07-02-2020	30 Days	11:40	12:00	LUBRICATION COMPLETED.
914	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	07-02-2020	30 Days	10:30	10:50	LUBRICATION WORK DONE.
915	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	07-02-2020	30 Days	11:10	11:30	LUBRICATION WORK DONE.
916	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	07-02-2020	30 Days	10:00	10:20	LUBRICATION COMPLETED.
917	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	07-02-2020	30 Days	10:20	10:40	LUBRICATION COMPLETED.
918	07-02-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	07-02-2020	30 Days	10:40	11:30	LUBRICATION COMPLETED.
919	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-02-2020	30 Days	11:00	11:20	TIGHTNESS CHECKING DONE.
920	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	07-02-2020	30 Days	11:20	11:40	TIGHTNESS CHECKING DONE.
921	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-02-2020	30 Days	11:40	12:20	TIGHTNESS CHECKING DONE.
922	07-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	07-02-2020	30 Days	12:40	13:10	TIGHTNESS CHECKING DONE.
923	06-02-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-02-2020	15 Days	11:00	11:30	LUBRICATION COMPLETED.
924	06-02-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	06-02-2020	30 Days	11:00	11:20	LUBRICATION COMPLETED.
925	05-02-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	05-02-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE.

926	05-02-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	05-02-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE.
927	05-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	05-02-2020	90 Days	14:50	15:20	TIGHTNESS CHECKING DONE.
928	05-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	05-02-2020	90 Days	15:40	16:20	TIGHTNESS CHECKING DONE.
929	05-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	05-02-2020	90 Days	16:20	16:40	TIGHTNESS CHECKING DONE.
930	04-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	04-02-2020	15 Days	11:00	11:20	lubrication work done.
931	04-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-02-2020	15 Days	11:20	11:45	lubrication work done.
932	04-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	04-02-2020	15 Days	11:45	12:05	lubrication work done.
933	04-02-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-02-2020	15 Days	12:05	12:25	lubrication work done.
934	04-02-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	04-02-2020	15 Days	12:30	12:50	lubrication work done.
935	31-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	31-01-2020	15 Days	08:00	21:00	lubricated by auto lubrication system.
936	31-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	31-01-2020	15 Days	08:00	21:00	lubricated by auto lubrication system.
937	30-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	30-01-2020	15 Days	08:00	21:00	lubricated by auto lubrication system.
938	28-01-2020	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	28-01-2020	90 Days	09:00	09:30	Tightness checking done.
939	28-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	28-01-2020	30 Days	00:15	00:30	lubrication work done.
940	28-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	28-01-2020	30 Days	00:30	00:45	lubrication work done.
941	28-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	28-01-2020	30 Days	00:45	01:00	lubrication work done.
942	28-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	28-01-2020	30 Days	01:00	01:15	lubrication work done.
943	28-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	28-01-2020	15 Days	01:15	01:40	lubrication work done.
944	28-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	28-01-2020	15 Days	01:40	02:00	lubrication work done.
945	28-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	28-01-2020	15 Days	08:00	21:00	lubricated by auto lubrication system.
946	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	27-01-2020	15 Days	16:30	17:00	GEARBOX-2.5MM/S MOTOR-2.8MM/S
947	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	27-01-2020	30 Days	10:30	10:45	LUBRICATION WORK DONE.
948	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	27-01-2020	30 Days	10:45	11:00	LUBRICATION WORK DONE.
949	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	27-01-2020	30 Days	11:00	11:15	LUBRICATION WORK DONE.
950	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	27-01-2020	30 Days	11:30	11:45	LUBRICATION WORK DONE.
951	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	27-01-2020	15 Days	08:00	21:00	Lubricated by auto lubrication system
952	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	27-01-2020	15 Days	08:00	21:00	Lubricated by auto lubrication system.
953	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	27-01-2020	15 Days	08:00	21:00	Lubricated by auto lubrication system.
954	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	27-01-2020	15 Days	08:00	21:00	Lubricated by auto lubrication system.
955	27-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	27-01-2020	15 Days	08:00	21:00	Lubricated by auto lubrication system.
956	26-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	26-01-2020	30 Days	10:00	10:30	TIHGHTNESS CHECKING COMPLETED.
957	26-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	26-01-2020	15 Days	14:00	14:30	LUBRICATION WORK COMPLETED.

958	26-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	26-01-2020	15 Days	15:00	15:30	LUBRICATION WORK COMPLETED.
959	26-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	26-01-2020	15 Days	10:30	11:00	LUBRICATION WORK COMPLETED
960	25-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	25-01-2020	15 Days	16:00	16:30	GEARBOX-4.2MM/S MOTOR-4.1MM/S
961	25-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	25-01-2020	15 Days	16:00	16:30	GEARBOX-3.5MM/S MOTOR-3.4MM/S
962	25-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	25-01-2020	15 Days	17:00	17:20	GEARBOX-3.5MM/S MOTOR-3.0MM/S
963	24-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	24-01-2020	15 Days	08:00	20:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
964	23-01-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	23-01-2020	15 Days	08:00	21:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
965	21-01-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-01-2020	15 Days	08:00	10:00	LUBRICATION COMPLETED
966	20-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	20-01-2020	15 Days	14:15	14:30	lubrication work done.
967	20-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	20-01-2020	15 Days	14:40	14:55	lubrication work is completed.
968	20-01-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-01-2020	15 Days	14:55	15:10	lubrication work is completed.
969	20-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	20-01-2020	15 Days	15:10	15:25	lubrication work is completed.
970	20-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-01-2020	15 Days	07:00	09:00	LUBRICATION COMPLETED
971	15-01-2020	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	15-01-2020	90 Days	14:30	15:00	TIGHTNESS CHECKING DONE
972	15-01-2020	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	15-01-2020	90 Days	15:00	15:30	TIGHTNESS CHECKING COMPLETED
973	15-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	15-01-2020	30 Days	11:00	11:30	Lubrication work completed.
974	15-01-2020	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	15-01-2020	90 Days	11:00	11:20	base bolt tightness checking completed.
975	15-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-01-2020	30 Days	10:00	10:20	Tightness checking completed.
976	15-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-01-2020	30 Days	10:30	11:00	Tightness checking done.
977	15-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	15-01-2020	30 Days	11:20	12:00	Tightness checking completed.
978	14-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	14-01-2020	30 Days	14:45	15:00	LUBRICATION WORK DONE.
979	14-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	14-01-2020	30 Days	15:00	15:15	LUBRICATION WORK DONE.
980	14-01-2020	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	14-01-2020	30 Days	15:15	15:30	LUBRICATION WORK DONE.
981	14-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	14-01-2020	15 Days	14:30	15:00	LUBRICATION WORK DONE.
982	14-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	14-01-2020	15 Days	15:00	15:30	LUBRICATION WORK DONE.
983	14-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	14-01-2020	15 Days	15:00	15:30	LUBRICATION WORK DONE.
984	14-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	14-01-2020	15 Days	14:30	15:00	LUBRICATION WORK DONE.
985	13-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	13-01-2020	15 Days	06:00	22:00	Lubricated by auto lubrication system.
986	12-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	12-01-2020	15 Days	06:00	22:00	Lubricated by auto lubrication system.
987	12-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-01-2020	15 Days	06:00	22:00	Lubricated by auto lubrication system.
988	12-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	12-01-2020	15 Days	06:00	22:00	Lubricated by auto lubrication system.
989	12-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	12-01-2020	15 Days	06:00	22:00	Lubricated by auto lubrication system.

990	12-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	12-01-2020	15 Days	06:00	22:00	Lubricated by auto lubrication system.
991	12-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	12-01-2020	15 Days	06:00	22:00	Lubricated by auto lubrication system.
992	12-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-01-2020	15 Days	14:30	15:00	LUBRICATION WORK DONE.
993	11-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	11-01-2020	30 Days	12:30	12:45	LUBRICATION WORK DONE.
994	10-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	10-01-2020	15 Days	15:00	15:30	LUBRICATION WORK DONE.
995	09-01-2020	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	09-01-2020	15 Days	14:05	14:20	greasing done.
996	09-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	09-01-2020	15 Days	14:20	14:35	greasing done.
997	09-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	09-01-2020	15 Days	14:35	14:50	greasing done.
998	09-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	09-01-2020	15 Days	14:50	15:10	tightness checking done
999	08-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	08-01-2020	30 Days	11:00	13:00	LUBRICATION WORK COMPLETED.
1000	08-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	08-01-2020	30 Days	10:00	10:20	LUBRICATION WORK COMPLETED.
1001	08-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	08-01-2020	30 Days	10:30	11:00	LUBRICATION WORK COMPLETED.
1002	07-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	07-01-2020	30 Days	10:50	11:15	lubrication work done.
1003	06-01-2020	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	06-01-2020	30 Days	10:00	10:15	LUBRICATION WORK DONE.
1004	06-01-2020	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-01-2020	15 Days	14:30	15:10	LUBRICATION WORK DONE.
1005	04-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-01-2020	15 Days	09:30	10:00	LUBRICATION WORK DONE.
1006	03-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	03-01-2020	15 Days	12:00	13:00	GEARBOX -2.6 MM/S MOTOR-2.7MM/S
1007	03-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	03-01-2020	15 Days	12:00	13:30	GEAR BOX-3.6MM/S MOTOR-3.0MM/S
1008	03-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	03-01-2020	15 Days	12:00	13:30	GEAR BOX-3.9MM/S MOTOR-2.4MM/S
1009	03-01-2020	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	03-01-2020	15 Days	12:00	13:30	GEAR BOX-2.5MM/S MOTOR-4.4MM/S
1010	31-12-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	31-12-2020	15 Days	15:30	15:40	GREASING DONE.
1011	31-12-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	31-12-2020	15 Days	15:40	15:50	GREASING DONE.
1012	28-12-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	28-12-2020	15 Days	16:00	16:10	GREASING DONE.
1013	28-12-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	28-12-2020	15 Days	16:10	16:20	GREASING DONE.
1014	28-12-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	28-12-2020	15 Days	16:20	16:30	GREASING DONE.
1015	21-12-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-12-2020	15 Days	14:02	14:20	LUBRICATION WORK DONE
1016	21-12-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-12-2020	15 Days	14:20	14:40	LUBRICATION WORK DONE.
1017	21-12-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-12-2020	15 Days	13:10	13:30	LUBRICATION WORK DONE.
1018	16-12-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	16-12-2020	15 Days	08:00	14:00	ILUBRICATION COMPLETED THROUGH ALP-3
1019	15-12-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	15-12-2020	15 Days	14:55	15:20	LUBRICATION WORK DONE.
1020	14-12-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	14-12-2020	15 Days	15:15	15:30	LUBRICATION WORK DONE.
1021	14-12-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	14-12-2020	15 Days	16:15	16:30	LUBRICATION WORK DONE.

1022	14-12-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	14-12-2020	15 Days	14:40	14:55	LUBRICATION WORK DONE.
1023	06-12-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-12-2020	15 Days	14:50	15:10	LUBRICATION WORK DONE.
1024	06-12-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-12-2020	15 Days	16:20	16:40	LUBRICATION WORK DONE.
1025	06-12-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-12-2020	15 Days	16:50	17:10	LUBRICATION WORK DONE.
1026	01-12-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	01-12-2020	15 Days	12:50	13:20	LUBRICATION WORK DONE.
1027	30-11-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	30-11-2020	15 Days	14:45	15:10	LUBRICATION WORK DONE.
1028	29-11-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	29-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
1029	29-11-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	29-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
1030	29-11-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	29-11-2020	15 Days	09:00	21:00	Lubricated by auto lubrication system.
1031	24-11-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	24-11-2020	90 Days	15:30	15:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1032	23-11-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-11-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1033	22-11-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	22-11-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1034	22-11-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-11-2020	15 Days	10:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1035	21-11-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-11-2020	15 Days	15:00	15:30	LUBRICATION COMPLETED
1036	19-11-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	15:00	15:10	TIGHTNESS CHECKING DONE.
1037	19-11-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	19-11-2020	90 Days	15:10	15:20	TIGHTNESS CHECKING DONE.
1038	16-11-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	16-11-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1039	15-11-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	15-11-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1040	12-11-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	12-11-2020	15 Days	14:00	14:10	GREASING DONE.
1041	12-11-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-11-2020	15 Days	14:10	14:20	GREASING DONE.
1042	12-11-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	12-11-2020	15 Days	14:20	14:30	GREASING DONE.
1043	06-11-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-11-2020	15 Days	14:00	14:10	GREASING DONE.
1044	06-11-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-11-2020	15 Days	14:10	14:20	GREASING DONE.
1045	06-11-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-11-2020	15 Days	14:20	14:30	GREASING DONE.
1046	01-11-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	01-11-2020	15 Days	15:10	15:40	LUBRICATION WORK DONE.
1047	30-10-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	30-10-2020	15 Days	10:10	10:25	LUBRICATION WORK COMPLETED.
1048	26-10-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-10-2020	15 Days	10:40	11:00	LUBRICATION WORK COMPLETED.
1049	26-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-10-2020	15 Days	14:15	14:35	LUBRICATION WORK COMPLETED.
1050	26-10-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	26-10-2020	15 Days	14:40	15:00	LUBRICATION WORK COMPLETED.
1051	22-10-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-10-2020	15 Days	14:50	15:00	GREASING DONE.
1052	22-10-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-10-2020	15 Days	15:00	15:10	GREASING DONE.
1053	22-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	22-10-2020	15 Days	15:20	15:30	GREASING DONE.

1054	22-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	22-10-2020	90 Days	15:40	16:00	TIGHTNESS CHECKING
1055	18-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	18-10-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1056	17-10-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	17-10-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE
1057	17-10-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	17-10-2020	90 Days	14:50	15:20	TIGHTNESS CHECKING DONE
1058	10-10-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1059	10-10-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-10-2020	15 Days	15:00	15:30	LUBRICATION WORK COMPLETED
1060	10-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	10-10-2020	90 Days	14:10	14:25	Base bolt tightness checking work done and its found ok.
1061	10-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1062	10-10-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	10-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1063	06-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-10-2020	15 Days	15:00	15:15	LUBRICATION WORK DONE.
1064	06-10-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-10-2020	15 Days	15:15	15:30	LUBRICATION WORK DONE.
1065	06-10-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-10-2020	15 Days	15:30	15:45	LUBRICATION WORK DONE.
1066	06-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	06-10-2020	90 Days	14:30	14:50	Base bolt tightness checking work done.
1067	06-10-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	06-10-2020	90 Days	14:50	15:10	Base bolt tightness checking work done.
1068	02-10-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	02-10-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1069	23-09-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1070	23-09-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1071	23-09-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-09-2020	15 Days	15:00	15:20	Lubrication work done.
1072	23-09-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	23-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1073	22-09-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	22-09-2020	15 Days	15:30	16:00	LUBRICATION WORK COMPLETED
1074	21-09-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-09-2020	15 Days	10:30	10:50	LUBRICATION WORK DONE.
1075	21-09-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-09-2020	15 Days	11:10	11:30	LUBRICATION WORK DONE.
1076	21-09-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-09-2020	15 Days	11:30	12:00	LUBRICATION WORK DONE.
1077	15-09-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	15-09-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
1078	08-09-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION SYSTEM.
1079	08-09-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-09-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO-LUBRICATION PUMP.
1080	07-09-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
1081	07-09-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
1082	06-09-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
1083	06-09-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
1084	06-09-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-09-2020	15 Days	00:00	24:00:00	Lubricated by Auto-Lubrication Pump.
1085	31-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	31-08-2020	15 Days	14:30	15:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.

1086	25-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	25-08-2020	90 Days	15:20	15:40	base bolt tightness checking work done.
1087	24-08-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	24-08-2020	15 Days	15:30	15:50	LUBRICATION WORK DONE.
1088	24-08-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	24-08-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
1089	23-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-08-2020	15 Days	14:30	14:50	LUBRICATION WORK DONE.
1090	23-08-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-08-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
1091	23-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-08-2020	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
1092	22-08-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-08-2020	15 Days	14:30	15:00	Lubrication work completed by auto lubrication system.
1093	22-08-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-08-2020	15 Days	15:00	15:15	Lubrication work completed by auto lubrication system.
1094	21-08-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	09:10	09:20	TIGHTNESS CHECK WORK COMPLETED.
1095	21-08-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	21-08-2020	90 Days	09:55	10:05	TIGHTNESS CHECK WORK COMPLETED.
1096	15-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	15-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1097	10-08-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1098	10-08-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	10-08-2020	15 Days	14:30	15:00	Lubricated by auto lubrication system.
1099	09-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	09-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1100	09-08-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	09-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1101	08-08-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1102	08-08-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1103	08-08-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1104	08-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-08-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1105	01-08-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	01-08-2020	15 Days	15:30	15:45	LUBRICATION WORK DONE.
1106	25-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	25-07-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE.
1107	25-07-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	25-07-2020	15 Days	00:00	24:00:00	LUBRICATED AUTO LUBRICATION SYSTEM.
1108	22-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-07-2020	15 Days	14:30	14:45	LUBRICATION WORK COMPLETED.
1109	22-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	22-07-2020	15 Days	14:45	15:00	LUBRICATION WORK COMPLETED.
1110	22-07-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	22-07-2020	15 Days	15:45	16:00	LUBRICATION WORK COMPLETED.
1111	22-07-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-07-2020	15 Days	16:00	16:15	LUBRICATION WORK COMPLETED.
1112	22-07-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-07-2020	15 Days	16:15	16:30	LUBRICATION WORK COMPLETED.
1113	22-07-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	22-07-2020	15 Days	16:30	16:45	LUBRICATION WORK COMPLETED.
1114	19-07-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	19-07-2020	90 Days	14:30	14:50	TIGHTNESS CHECKING DONE.
1115	19-07-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	19-07-2020	90 Days	14:50	15:10	TIGHTNESS CHECKING DONE.
1116	18-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	18-07-2020	15 Days	09:00	09:30	Lubrication work completed.
1117	11-07-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	11-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.

1118	11-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	11-07-2020	90 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1119	08-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	08-07-2020	90 Days	14:30	14:50	Lubrication work completed.
1120	08-07-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	08-07-2020	90 Days	15:10	15:30	Lubrication work completed.
1121	07-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-07-2020	15 Days	16:10	16:30	Lubrication work completed.
1122	07-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	07-07-2020	15 Days	11:40	12:00	Lubrication work completed.
1123	06-07-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	06-07-2020	15 Days	14:30	14:50	Lubrication work completed.
1124	06-07-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-07-2020	15 Days	14:50	15:10	Lubrication work completed.
1125	06-07-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-07-2020	15 Days	15:10	15:30	Lubrication work completed.
1126	06-07-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	06-07-2020	15 Days	15:30	15:50	Lubrication work completed.
1127	03-07-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	03-07-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1128	27-06-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	27-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION.
1129	22-06-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	22-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1130	22-06-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1131	21-06-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1132	21-06-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1133	21-06-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1134	21-06-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	21-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1135	20-06-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	20-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1136	20-06-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	20-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1137	13-06-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	13-06-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1138	07-06-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	07-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
1139	07-06-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
1140	07-06-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	07-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
1141	06-06-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	06-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
1142	06-06-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
1143	06-06-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-06-2020	15 Days	00:00	24:00:00	Lubrication work is done by Auto-lubrication Pump.
1144	02-06-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	02-06-2020	15 Days	14:00	14:15	greasing done.
1145	30-05-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	30-05-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1146	26-05-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	26-05-2020	90 Days	11:00	11:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1147	25-05-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	12:45	13:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1148	25-05-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	25-05-2020	90 Days	13:00	13:15	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1149	23-05-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	23-05-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.

1150	23-05-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-05-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1151	23-05-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-05-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1152	23-05-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-05-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1153	23-05-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-05-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1154	23-05-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	23-05-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1155	23-05-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	23-05-2020	15 Days	00:00	24:00:00	Lubricated by auto lubrication system.
1156	18-05-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	18-05-2020	15 Days	15:35	15:45	Lubrication work completed.
1157	12-05-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	12-05-2020	15 Days	16:00	16:20	LUBRICATION WORK DONE.
1158	07-05-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
1159	07-05-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-05-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
1160	07-05-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	07-05-2020	15 Days	14:00	14:15	greasing done.
1161	07-05-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-05-2020	15 Days	14:15	14:30	greasing done.
1162	07-05-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	07-05-2020	15 Days	14:30	14:45	greasing done.
1163	07-05-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-05-2020	15 Days	14:45	15:00	greasing done.
1164	04-05-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	04-05-2020	15 Days	16:10	16:20	lubrication work done.
1165	27-04-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	27-04-2020	15 Days	08:30	09:30	LUBRICATION COMPLETED
1166	25-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	25-04-2020	90 Days	18:00	21:00	COMPLETED
1167	23-04-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-04-2020	15 Days	14:00	14:30	LUBRICATION WORK DONE
1168	21-04-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	21-04-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
1169	19-04-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	19-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
1170	19-04-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
1171	19-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	19-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
1172	19-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-04-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
1173	17-04-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	17-04-2020	90 Days	14:10	14:20	Base bolt tightness checking work completed.
1174	17-04-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	17-04-2020	90 Days	14:00	14:10	tightness checking done.
1175	14-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	14-04-2020	15 Days	14:30	15:00	lubrication work done.
1176	10-04-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	10-04-2020	15 Days	16:50	17:10	LUBRICATION WORK DONE.
1177	09-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	09-04-2020	90 Days	14:20:00	14:40:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1178	09-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	09-04-2020	90 Days	14:40:00	15:00:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1179	09-04-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	09-04-2020	90 Days	15:00:00	15:20:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
1180	08-04-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-04-2020	15 Days	15:30:00	15:50:00	LUBRICATION WORK DONE.
1181	08-04-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	08-04-2020	15 Days	15:50:00	16:10:00	LUBRICATION WORK DONE.

1182	04-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	04-04-2020	15 Days	15:00	15:20	LUBRICATION WORK DONE.
1183	04-04-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	04-04-2020	15 Days	15:50	16:10	LUBRICATION WORK DONE.
1184	04-04-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-04-2020	15 Days	16:10	16:30	LUBRICATION WORK DONE.
1185	04-04-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	04-04-2020	15 Days	16:30	16:50	LUBRICATION WORK DONE.
1186	30-03-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	30-03-2020	15 Days	00:00:00	24:00:00	Lubricated by auto lubrication systems.
1187	22-03-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	22-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1188	22-03-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1189	22-03-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-03-2020	15 Days	14:20	14:30	greasing done.
1190	22-03-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-03-2020	15 Days	14:30	14:40	greasing done.
1191	21-03-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-03-2020	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1192	12-03-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	12-03-2020	15 Days	00:00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
1193	12-03-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	12-03-2020	15 Days	00:00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
1194	11-03-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	11-03-2020	15 Days	00:00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEMS.
1195	08-03-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
1196	08-03-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
1197	08-03-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	08-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
1198	07-03-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	07-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
1199	07-03-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-03-2020	15 Days	09:00	22:00	lubricated by auto lubrication system.
1200	26-02-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	26-02-2020	90 Days	14:50	15:30	TIghtness checking done.
1201	26-02-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-02-2020	15 Days	06:00	22:00	AUTO LUBRICATION PUMP INSTALLED.
1202	25-02-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	25-02-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
1203	24-02-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	24-02-2020	90 Days	14:20	14:40	TIghtness checking done.
1204	24-02-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	24-02-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
1205	23-02-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	23-02-2020	15 Days	14:00	16:00	LUBRICATION WORK DONE
1206	23-02-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	23-02-2020	90 Days	14:10	14:20	tightness checking done.
1207	23-02-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	23-02-2020	15 Days	14:20	14:30	lubrication work done.
1208	23-02-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	23-02-2020	15 Days	14:30	14:40	lubrication work done.
1209	23-02-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	23-02-2020	15 Days	14:40	14:50	lubrication work done.
1210	23-02-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	23-02-2020	15 Days	14:50	15:00	lubrication work done.
1211	20-02-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	20-02-2020	90 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1212	17-02-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	17-02-2020	15 Days	14:10	14:20	GREASING DONE.
1213	17-02-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	17-02-2020	15 Days	14:20	14:30	GREASING DONE.

1214	17-02-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	17-02-2020	15 Days	14:30	14:40	GREASING DONE.
1215	10-02-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	10-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1216	09-02-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	09-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1217	09-02-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	09-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1218	09-02-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	09-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1219	09-02-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	09-02-2020	15 Days	09:00	22:00	LUBRICATED BY AUTO LUBRICATION SYSTEM
1220	31-01-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	31-01-2020	15 Days	08:00	21:00	lubricated by auto lubrication system.
1221	31-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	31-01-2020	15 Days	08:00	21:00	lubricated by auto lubrication system.
1222	31-01-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	31-01-2020	15 Days	08:00	21:00	lubricated by auto lubrication system.
1223	24-01-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-01-2020	15 Days	08:00	20:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
1224	22-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	22-01-2020	90 Days	11:00	11:30	TIGHTNESS CHECKING COMPLETED.
1225	21-01-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-01-2020	15 Days	07:00	08:30	lubrication completed
1226	21-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-01-2020	15 Days	07:00	08:00	LUBRICATION COMPLETED.
1227	21-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-01-2020	15 Days	08:00	09:00	LUBRICATION COMPLETED
1228	21-01-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	21-01-2020	15 Days	09:00	10:00	LUBRICATION COMPLETED
1229	19-01-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	19-01-2020	90 Days	14:20	14:45	BASE BOLT TIGHTNESS CHECKING WORK DOME.
1230	14-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	14-01-2020	15 Days	15:00	15:20	LUBRICATION WORK DONE.
1231	14-01-2020	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	14-01-2020	15 Days	15:20	15:45	LUBRICATION WORK DONE.
1232	14-01-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	14-01-2020	15 Days	15:40	16:00	LUBRICATION WORK DONE.
1233	10-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	10-01-2020	90 Days	14:30	14:45	BASE BOLT TIGHTNESS WORK DONE.
1234	10-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	10-01-2020	90 Days	14:45	15:00	BASE BOLT TIGHTNESS WORK DONE.
1235	10-01-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	10-01-2020	90 Days	15:00	15:15	BASE BOLT TIGHTNESS WORK DONE.
1236	09-01-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	09-01-2020	15 Days	15:30	15:45	Lubrication work completed.
1237	06-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-01-2020	15 Days	11:00	11:30	LUBRICATION WORK DONE.
1238	06-01-2020	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-01-2020	15 Days	11:30	12:00	LUBRICATION WORK DONE.
1239	06-01-2020	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	06-01-2020	15 Days	12:00	12:30	LUBRICATION WORK DONE.
1240	06-01-2020	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	06-01-2020	15 Days	14:30	15:00	LUBRICATION WORK DONE.

PM COMPLIANCE REPORT FOR THE YEAR OF -2021

Sr.No.	Date	Main Equipment	Equipment Area	Department	Equipment Name	Parameters	Last Mainteinted Date	Shedule Of Mainteinance	From Time	To Time	Remarks
1	26-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	26-12-2021	15 Days	00:00	23:59	Lubricated by auto lubrication systems.
2	26-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	26-12-2021	15 Days	00:00	23:59	Lubricated by auto lubrication systems.
3	26-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	26-12-2021	15 Days	00:00	23:59	Lubricated by auto lubrication systems.
4	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
5	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
6	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
7	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
8	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
9	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
10	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
11	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
12	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
13	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
14	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
15	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
16	25-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
17	21-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	21-12-2021	15 Days	16:30	16:50	Lubrication done.
18	21-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	21-12-2021	15 Days	18:05	18:25	base bolt tightness checking work done.
19	20-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-12-2021	15 Days	7:00 AM	7:15 AM	lubrication by auto lubrication pump .
20	20-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	20-12-2021	15 Days	7:15 AM	7:30 AM	lubrication by auto lubrication pump
21	20-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	20-12-2021	15 Days	11:05	11:15	DRIVE ASSEMBLY 1 VIBRATION CHECKING BY ACME PERSON: GEAR BOX 1= 2.3 MM/S AND MOTOR 1= 2.0 MM/S
22	20-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	20-12-2021	15 Days	11:20	11:35	DRIVE ASSEMBLY 2 VIBRATION CHECKING BY ACME PERSON: GEAR BOX 2= 4.2 MM/S AND MOTOR 2= 3.5 MM/S
23	20-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	20-12-2021	15 Days	11:40	11:55	DRIVE ASSEMBLY 3 VIBRATION CHECKING BY ACME PERSON: GEAR BOX 3= 3.2 MM/S AND MOTOR 3= 3.4 MM/S
24	20-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	20-12-2021	15 Days	12:05	12:20	DRIVE ASSEMBLY 4 VIBRATION CHECKING BY ACME PERSON: GEAR BOX 4= 2.6 MM/S AND MOTOR 4= 3.2 MM/S
25	07-12-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	07-12-2021	30 Days	14:20	14:30	lubrication work done.
26	07-12-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	07-12-2021	30 Days	14:35	14:45	lubrication work done.
27	05-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-12-2021	15 Days	00:00	23:59	Lubricated by auto lubrication systems.
28	05-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	05-12-2021	15 Days	00:00	23:59	Lubricated by auto lubrication systems.
29	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	04-12-2021	15 Days	15:20	15:50	base bolt tightness checking work done completed and its found ok.

30	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	04-12-2021	30 Days	14:30	14:50	Lubrication work done.
31	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	04-12-2021	15 Days	15:10	15:25	Lubrication work done.
32	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	04-12-2021	15 Days	15:30	15:50	Lubrication work done.
33	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
34	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
35	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
36	04-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	04-12-2021	15 Days	15:30	15:55	lubrication work done.
37	03-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	03-12-2021	15 Days	15:30	15:40	VIBRATION= 3.4 MM/S
38	03-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	03-12-2021	15 Days	15:45	15:50	VIBRATION= 1.2 MM/S
39	03-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	03-12-2021	15 Days	15:50	16:00	VIBRATION= 2.2 MM/S
40	03-12-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	03-12-2021	15 Days	16:00	16:10	VIBRATION= 3.5 MM/S.
41	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	30-11-2021	30 Days	10:00	10:10	greasing done.
42	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	30-11-2021	30 Days	10:10	10:20	greasing done.
43	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	30-11-2021	30 Days	10:20	10:30	greasing done.
44	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	30-11-2021	30 Days	10:30	10:40	greasing done.
45	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	30-11-2021	30 Days	10:40	10:50	greasing done.
46	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	30-11-2021	30 Days	10:50	11:00	greasing done.
47	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	30-11-2021	30 Days	11:00	11:10	greasing done.
48	30-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	30-11-2021	30 Days	11:20	11:30	greasing done.
49	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	29-11-2021	15 Days	14:40	14:50	greasing done.
50	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	29-11-2021	15 Days	14:50	15:00	greasing done.
51	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	29-11-2021	15 Days	15:00	15:10	greasing done.
52	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	29-11-2021	15 Days	15:10	15:20	greasing done.
53	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	29-11-2021	15 Days	15:20	15:30	greasing done.
54	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	29-11-2021	15 Days	15:30	15:40	greasing done.
55	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	29-11-2021	15 Days	15:40	15:50	greasing done.
56	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	29-11-2021	15 Days	15:50	16:00	greasing done.
57	29-11-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	29-11-2021	15 Days	16:00	16:10	greasing done.
58	29-11-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	29-11-2021	15 Days	16:20	16:30	greasing done.
59	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	29-11-2021	15 Days	16:30	16:40	greasing done.
60	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	29-11-2021	15 Days	16:40	16:50	greasing done.
61	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	29-11-2021	15 Days	16:50	17:00	greasing done.

62	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	29-11-2021	30 Days	17:00	17:10	greasing done.
63	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	29-11-2021	30 Days	17:10	17:20	greasing done.
64	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	29-11-2021	30 Days	17:20	17:30	greasing done.
65	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	29-11-2021	30 Days	17:30	17:40	greasing done.
66	29-11-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	29-11-2021	30 Days	17:40	17:50	greasing done.
67	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	29-11-2021	30 Days	17:50	18:00	greasing done.
68	29-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	29-11-2021	30 Days	18:00	18:10	greasing done.
69	27-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	27-11-2021	30 Days	15:05	15:20	BOLT TIGHTNESS CHECK WORK COMPLETED.
70	24-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	24-11-2021	30 Days	14:45	15:05	BOLT TIGHTNESS CHECK WORK COMPLETED.
71	24-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	24-11-2021	30 Days	15:25	15:40	BOLT TIGHTNESS CHECK WORK COMPLETED.
72	24-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	24-11-2021	30 Days	15:45	15:55	BOLT TIGHTNESS CHECK WORK COMPLETED.
73	22-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	22-11-2021	15 Days	15:45	15:55	DRIVE ASSEMBLY-1 VIBRATION CHECKING GEAR BOX -1 - 2.3 mm/sec MOTOR - 1- 1.9 mm/sec
74	22-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	22-11-2021	15 Days	16:00	16:10	DRIVE ASSEMBLY-2 VIBRATION CHECKING GEAR BOX -2 - 3.1 mm/sec MOTOR - 2 - 2.6 mm/sec
75	22-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	22-11-2021	15 Days	16:15	16:25	DRIVE ASSEMBLY-3 VIBRATION CHECKING GEAR BOX -3 - 3.1 mm/sec MOTOR - 3 - 3.0 mm/sec
76	22-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	22-11-2021	15 Days	16:30	16:40	DRIVE ASSEMBLY-4 VIBRATION CHECKING GEAR BOX -4 - 2.4 mm/sec MOTOR - 4 - 2.8 mm/sec
77	20-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
78	20-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	20-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
79	19-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	19-11-2021	15 Days	14:30	14:40	Base bolt tightness work is completed.
80	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	14:50	15:00	BOLT TIGHTNESS CHECK WORK COMPLETED.
81	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	15:00	15:10	BOLT TIGHTNESS CHECK WORK COMPLETED.
82	18-11-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	15:15	15:25	BOLT TIGHTNESS CHECK WORK COMPLETED.
83	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	15:25	15:35	BOLT TIGHTNESS CHECK WORK COMPLETED.
84	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	15:35	15:45	BOLT TIGHTNESS CHECK WORK COMPLETED.
85	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	15:50	16:00	BOLT TIGHTNESS CHECK WORK COMPLETED.
86	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	16:00	16:10	BOLT TIGHTNESS CHECK WORK COMPLETED.
87	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	18-11-2021	90 Days	16:15	16:25	BOLT TIGHTNESS CHECK WORK COMPLETED.
88	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
89	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
90	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
91	18-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
92	17-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	17-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
93	17-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	17-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.

94	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
95	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
96	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
97	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
98	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
99	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
100	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
101	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	14-11-2021	15 Days	08:00	08:15	Lubrication work is completed.
102	14-11-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	14-11-2021	15 Days	08:15	08:30	Lubrication work is completed.
103	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	14-11-2021	15 Days	08:30	08:40	Lubrication work is completed.
104	14-11-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	14-11-2021	15 Days	08:40	08:50	Lubrication work is completed.
105	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	14-11-2021	15 Days	08:50	09:00	Lubrication work is completed.
106	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	14-11-2021	15 Days	09:00	09:10	Lubrication work is completed.
107	14-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	14-11-2021	15 Days	09:10	09:20	Lubrication work is completed.
108	10-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	10-11-2021	15 Days	10:10	10:20	DRIVE ASSEMBLY-1 VIBRATION CHECKING GEAR BOX -1 - 2.5 mm/sec MOTOR - 1 - 2.3 mm/seC
109	10-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	10-11-2021	15 Days	10:20	10:30	DRIVE ASSEMBLY-2 VIBRATION CHECKING GEAR BOX -2 - 3.3 mm/sec MOTOR - 2 - 2.8 mm/sec
110	10-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	10-11-2021	15 Days	10:30	10:40	DRIVE ASSEMBLY-3 VIBRATION CHECKING GEAR BOX -3 - 3.0 mm/sec MOTOR - 3 - 2.9mm/sec
111	10-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	10-11-2021	15 Days	10:40	10:50	DRIVE ASSEMBLY-4 VIBRATION CHECKING GEAR BOX -4 - 2.4 mm/sec MOTOR - 4 - 2.4 mm/sec
112	06-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	06-11-2021	30 Days	14:50	15:10	LUBRICATION WORK DONE.
113	06-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	06-11-2021	30 Days	15:20	15:35	LUBRICATION WORK DONE.
114	06-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	06-11-2021	15 Days	15:30	15:55	BASE BOLT TIGHTNESS CHECKING WORK DONE COMPLETED.
115	05-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	05-11-2021	15 Days	15:00	15:15	LUBRICATION WORK COMPLETED
116	05-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-11-2021	15 Days	15:00	15:15	LUBRICATION WORK COMPLETED
117	04-11-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	04-11-2021	15 Days	14:00	14:20	LUBRICATION WORK COMPLETED
118	04-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	04-11-2021	15 Days	14:20	14:40	LUBRICATION WORK COMPLETED
119	04-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	04-11-2021	15 Days	14:40	15:00	LUBRICATION WORK COMPLETED
120	04-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-11-2021	15 Days	15:15	15:30	LUBRICATION WORK COMPLETED
121	04-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	04-11-2021	15 Days	15:30	15:45	LUBRICATION WORK COMPLETED
122	03-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	03-11-2021	15 Days	14:00	14:20	LUBRICATION WORK COMPLETED
123	03-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	03-11-2021	15 Days	14:25	14:40	LUBRICATION WORK COMPLETED
124	03-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	03-11-2021	15 Days	14:40	15:00	LUBRICATION WORK COMPLETED
125	03-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	03-11-2021	15 Days	15:15	15:30	LUBRICATION WORK COMPLETED

126	03-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	03-11-2021	15 Days	15:30	15:45	LUBRICATION WORK COMPLETED
127	03-11-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	03-11-2021	15 Days	15:45	16:00	LUBRICATION WORK COMPLETED
128	02-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	02-11-2021	30 Days	14:30	14:40	Lubrication work is completed.
129	02-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	02-11-2021	15 Days	14:40	14:50	Lubrication work is completed.
130	02-11-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	02-11-2021	15 Days	14:50	15:00	Lubrication work is completed.
131	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	01-11-2021	30 Days	09:40	09:50	LUBRICATION WORK COMPLETED
132	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	01-11-2021	30 Days	09:50	10:10	LUBRICATION WORK COMPLETED
133	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	01-11-2021	30 Days	10:10	10:25	LUBRICATION WORK COMPLETED
134	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	01-11-2021	30 Days	10:30	10:45	LUBRICATION WORK COMPLETED
135	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	01-11-2021	30 Days	10:45	10:55	LUBRICATION WORK COMPLETED
136	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	01-11-2021	30 Days	11:00	11:15	LUBRICATION WORK COMPLETED
137	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	01-11-2021	30 Days	11:15	11:30	LUBRICATION WORK COMPLETED
138	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	01-11-2021	30 Days	11:30	11:40	LUBRICATION WORK COMPLETED
139	01-11-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	01-11-2021	30 Days	11:45	12:00	LUBRICATION WORK COMPLETED
140	31-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	31-10-2021	30 Days	07:00	07:10	GREASING DONE.
141	31-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	31-10-2021	30 Days	07:10	07:20	GREASING DONE.
142	31-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	31-10-2021	30 Days	07:20	07:30	GREASING DONE.
143	31-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	31-10-2021	30 Days	07:30	07:40	GREASING DONE.
144	31-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	31-10-2021	30 Days	09:10	09:20	LUBRICATION WORK COMPLETED
145	31-10-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	31-10-2021	30 Days	09:20	09:35	LUBRICATION WORK COMPLETED
146	30-10-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
147	30-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
148	30-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
149	30-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
150	30-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
151	30-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
152	25-10-2021	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	25-10-2021	90 Days	14:00	14:15	TIGHTNESS CHECKING DONE.
153	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	25-10-2021	90 Days	14:45	15:00	TIGHTNESS CHECKING DONE.
154	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	25-10-2021	90 Days	15:00	15:15	TIGHTNESS CHECKING DONE.
155	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	25-10-2021	90 Days	15:15	15:30	TIGHTNESS CHECKING DONE.
156	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	25-10-2021	90 Days	15:30	15:45	TIGHTNESS CHECKING DONE.
157	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	25-10-2021	30 Days	15:45	16:00	TIGHTNESS CHECKING DONE.

158	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	25-10-2021	30 Days	16:00	16:15	TIGHTNESS CHECKING DONE.
159	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	25-10-2021	30 Days	16:15	16:30	TIGHTNESS CHECKING DONE.
160	25-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	25-10-2021	30 Days	16:30	16:45	TIGHTNESS CHECKING DONE.
161	22-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	22-10-2021	15 Days	11:00	11:05	DRIVE ASSEMBLY-1 VIBRATION CHECKING GEAR BOX -1 - 2.3 mm/sec MOTOR - 1 - 3.3 mm/sec
162	22-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	22-10-2021	15 Days	11:05	11:10	DRIVE ASSEMBLY-2 VIBRATION CHECKING GEAR BOX -2 - 2.3 mm/sec MOTOR - 2 - 3.7 mm/sec
163	22-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	22-10-2021	15 Days	11:10	11:20	DRIVE ASSEMBLY-3 VIBRATION CHECKING GEAR BOX -3 - 2.7 mm/sec MOTOR - 3 - 3.7 mm/sec
164	22-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	22-10-2021	15 Days	11:20	11:30	DRIVE ASSEMBLY-4 VIBRATION CHECKING GEAR BOX -4 - 1.9 mm/sec MOTOR - 4 - 2.2 mm/sec
165	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	19-10-2021	15 Days	14:40	14:50	Lubrication work is completed.
166	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	19-10-2021	15 Days	14:50	15:00	Lubrication work is completed.
167	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	19-10-2021	15 Days	15:00	15:10	Lubrication work is completed.
168	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	19-10-2021	15 Days	15:10	15:20	Lubrication work is completed.
169	19-10-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	19-10-2021	15 Days	14:10	14:20	Lubrication work is completed.
170	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-10-2021	15 Days	14:20	14:30	Lubrication work is completed.
171	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	19-10-2021	15 Days	14:30	14:40	Lubrication work is completed.
172	19-10-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-10-2021	15 Days	14:40	14:50	Lubrication work is completed.
173	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	19-10-2021	15 Days	14:50	15:00	Lubrication work is completed.
174	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	19-10-2021	15 Days	15:00	15:10	Lubrication work is completed.
175	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	19-10-2021	15 Days	15:10	15:20	Lubrication work is completed.
176	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-10-2021	15 Days	15:20	15:30	Lubrication work is completed.
177	19-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	19-10-2021	15 Days	15:30	15:40	Lubrication work is completed.
178	18-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	18-10-2021	15 Days	14:30	14:50	LUBRICATION WORK COMPLETED
179	18-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	18-10-2021	15 Days	14:50	15:15	LUBRICATION WORK COMPLETED
180	18-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-10-2021	90 Days	14:20	14:35	BASE BOLT TIGHTNESS CHECKING WORK DONE.
181	17-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	17-10-2021	15 Days	16:55	17:05	BASE BOLT TIGHTNESS CHECKING WORK DONE.
182	17-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	14:30	14:40	BASE BOLT TIGHTNESS CHECKING WORK DONE.
183	17-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	14:50	14:57	BASE BOLT TIGHTNESS CHECKING WORK DONE.
184	17-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	15:00	15:10	BASE BOLT TIGHTNESS CHECKING WORK DONE.
185	17-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	15:15	15:25	BASE BOLT TIGHTNESS CHECKING WORK DONE.
186	17-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	15:35	15:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
187	17-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	15:50	15:55	BASE BOLT TIGHTNESS CHECKING WORK DONE.
188	17-10-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	15:50	16:05	BASE BOLT TIGHTNESS CHECKING WORK DONE.
189	17-10-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	16:10	16:15	BASE BOLT TIGHTNESS CHECKING WORK DONE.

190	15-10-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
191	14-10-2021	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	14-10-2021	90 Days	14:20	14:35	TIGHTNESS CHECK WORK COMPLETED.
192	14-10-2021	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	14-10-2021	90 Days	14:40	15:00	TIGHTNESS CHECK WORK COMPLETED.
193	14-10-2021	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	14-10-2021	90 Days	15:00	15:15	TIGHTNESS CHECK WORK COMPLETED.
194	14-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	14-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
195	14-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	14-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
196	14-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	14-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
197	14-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	14-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
198	14-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	14-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
199	09-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	09-10-2021	15 Days	11:30	11:50	VIBRATION CHECKING BY ACME PERSON,DRIVE ASSEMBLY-1= GEAR BOX-1= 4.2 MM/S AND MOTOR 1= 5.3 MM/S
200	09-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	09-10-2021	15 Days	11:55	12:10	VIBRATION CHECKING BY ACME PERSON,DRIVE ASSEMBLY-2= GEAR BOX-2= 4.3 MM/S AND MOTOR 2= 5.1 MM/S
201	09-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	09-10-2021	15 Days	12:15	12:25	VIBRATION CHECKING BY ACME PERSON,DRIVE ASSEMBLY-3= GEAR BOX-3= 3.8 MM/S AND MOTOR 3= 4.0 MM/S
202	09-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	09-10-2021	15 Days	12:30	12:50	VIBRATION CHECKING BY ACME PERSON,DRIVE ASSEMBLY-4= GEAR BOX-4= 2.7 MM/S AND MOTOR 4= 2.3 MM/S
203	07-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
204	07-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	07-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
205	07-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	07-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
206	07-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	07-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
207	07-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	07-10-2021	15 Days	15:10	15:30	LUBRICATION WORK COMPLETED.
208	06-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-10-2021	15 Days	14:00	14:50	lubricatio done.
209	06-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	06-10-2021	30 Days	10:00	10:10	Lubrication work is completed.
210	06-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	06-10-2021	30 Days	10:10	10:20	Lubrication work is completed.
211	06-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-10-2021	15 Days	10:20	10:30	Lubrication work is completed.
212	06-10-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-10-2021	15 Days	10:30	10:40	Lubrication work is completed.
213	06-10-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-10-2021	15 Days	10:40	10:50	Lubrication work is completed.
214	04-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	04-10-2021	15 Days	10:00	10:20	LUBRICATION WORK COMPLETED
215	04-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	04-10-2021	15 Days	14:40	15:00	LUBRICATION WORK COMPLETED
216	04-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	04-10-2021	15 Days	15:10	15:40	LUBRICATION WORK COMPLETED
217	04-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	04-10-2021	15 Days	15:40	16:00	LUBRICATION WORK COMPLETED
218	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	02-10-2021	30 Days	10:10	10:25	lubrication work done.
219	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	02-10-2021	30 Days	10:35	10:50	lubrication work done.
220	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	02-10-2021	30 Days	11:00	11:20	lubrication work done.
221	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	02-10-2021	30 Days	11:20	11:35	lubrication work done.

222	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	02-10-2021	30 Days	11:50	12:10	lubrication work done.
223	02-10-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	02-10-2021	30 Days	12:15	12:30	lubrication work done.
224	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	02-10-2021	30 Days	12:30	12:50	lubrication work done.
225	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	02-10-2021	30 Days	13:05	13:20	lubrication work done.
226	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	02-10-2021	30 Days	13:20	13:35	lubrication work done.
227	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	02-10-2021	15 Days	11:30	11:55	lubrication work done.
228	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	02-10-2021	30 Days	11:45	12:00	lubrication work done.
229	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	02-10-2021	30 Days	12:10	12:20	lubrication work done.
230	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	02-10-2021	30 Days	12:30	12:55	lubrication work done.
231	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	02-10-2021	15 Days	12:00	12:15	lubrication work done.
232	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	02-10-2021	90 Days	14:30	14:40	Bolt tightness checking work is completed.
233	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	02-10-2021	90 Days	14:40	14:50	Bolt tightness checking work is completed.
234	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	02-10-2021	90 Days	14:50	15:00	Bolt tightness checking work is completed.
235	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	02-10-2021	90 Days	15:00	15:10	Bolt tightness checking work is completed.
236	02-10-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	02-10-2021	15 Days	15:15	15:30	Base bolt tightness checking work is completed.
237	29-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	29-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
238	29-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	29-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
239	29-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	29-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
240	29-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	29-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
241	28-09-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	28-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
242	28-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	28-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
243	26-09-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	26-09-2021	15 Days	16:05	16:20	Lubrication work done.
244	25-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	25-09-2021	15 Days	15:05	15:30	Lubrication work done.
245	25-09-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	25-09-2021	15 Days	15:40	15:55	Lubrication work done.
246	23-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	23-09-2021	30 Days	15:50	16:00	DRIVE-1 HIGH SPEED COUPLING LUBRICATION WORK COMPLETED .
247	23-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	23-09-2021	30 Days	15:25	15:30	C1A-HE-DRIVE 4 HIGH SPEED COUPLING BOLT TIGHTNESS CHECKING WORK COMPLETED .
248	23-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	23-09-2021	30 Days	15:30	15:35	C1A-HE-DRIVE 3 HIGH SPEED COUPLING BOLT TIGHTNESS CHECKING WORK COMPLETED .
249	23-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	23-09-2021	30 Days	15:35	15:40	C1A-HE-DRIVE 2 HIGH SPEED COUPLING BOLT TIGHTNESS CHECKING WORK COMPLETED .
250	23-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	23-09-2021	30 Days	15:35	15:45	C1A-HE-DRIVE 1 HIGH SPEED COUPLING BOLT TIGHTNESS CHECKING WORK COMPLETED .
251	23-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	23-09-2021	30 Days	15:45	15:55	C1A-HE-DRIVE 2 HIGH SPEED COUPLING BOLT TIGHTNESS WORK COMPLETED.
252	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	22-09-2021	30 Days	15.17	15.3	DRIVE -3 HIGH SPEED COUPLING LUBRICATION WORK COMPLETED
253	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	22-09-2021	30 Days	15:30	15:45	DREIV -4 HIGH SPEED COUPLING LUBRICATION WORK COMPLETED .

254	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
255	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	22-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
256	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	22-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
257	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	22-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
258	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	22-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
259	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	22-09-2021	15 Days	11:30:00	11:45:00	GEAR BOX-1->3.6MM/SEC MOTOR-1->2.4MM/SEC
260	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	22-09-2021	15 Days	11:45:00	12:00:00	GEAR BOX-2->4.1MM/SEC MOTOR-2->3.2MM/SEC
261	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	22-09-2021	15 Days	12:00:00	12:15:00	GEAR BOX-3->3.3MM/SEC MOTOR-3->3.5MM/SEC
262	22-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	22-09-2021	15 Days	12:15:00	12:30:00	GEAR BOX-4->2.7MM/SEC MOTOR-4->2.6MM/SEC
263	19-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	19-09-2021	15 Days	15:30	15:45	LUBRICATION WORK DONE.
264	19-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	19-09-2021	15 Days	15:45	16:00	LUBRICATION WORK DONE.
265	19-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	19-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
266	19-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	19-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
267	19-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-09-2021	15 Days	15:10	15:25	Lubrication work done.
268	19-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	19-09-2021	15 Days	14:45	15:00	LUBRICATION WORK DONE.
269	17-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	17-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
270	17-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	17-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
271	16-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
272	16-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
273	16-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
274	16-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
275	16-09-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
276	16-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
277	12-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	12-09-2021	30 Days	14:30	14:50	Lubrication work done.
278	12-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	12-09-2021	30 Days	14:55	15:10	Lubrication work done.
279	09-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	09-09-2021	15 Days	14:30:00	15:00:00	LUBRICATION WORK COMPLETED.
280	09-09-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-09-2021	15 Days	15:00:00	15:30:00	LUBRICATION WORK COMPLETED.
281	09-09-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-09-2021	15 Days	15:30:00	15:50:00	LUBRICATION WORK COMPLETED.
282	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	08-09-2021	15 Days	14:00	14:20	LUBRICATION WORK IS COMPLETED
283	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	08-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
284	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	08-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
285	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.

286	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	08-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
287	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	08-09-2021	15 Days	10:00:00	10:15:00	GEAR BOX-1->2.7MM/SEC , MOTOR-1->2.1MM/SEC
288	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	08-09-2021	15 Days	10:15:00	10:30:00	GEAR BOX-2->4.2MM/SEC , MOTOR-2->3.3MM/SEC
289	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	08-09-2021	15 Days	10:30:00	10:45:00	GEAR BOX-3->2.9MM/SEC , MOTOR-3->3.6MM/SEC
290	08-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	08-09-2021	15 Days	10:45:00	11:00:00	GEAR BOX-4->2.8MM/SEC , MOTOR-4->2.7MM/SEC
291	05-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	05-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
292	05-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	05-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
293	05-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	05-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
294	04-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	04-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
295	04-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
296	04-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	04-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
297	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
298	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
299	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
300	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
301	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
302	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
303	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
304	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
305	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	02-09-2021	30 Days	14:10:00	14:20:00	LUBRICATION WORK COMPLETED.
306	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	02-09-2021	30 Days	14:20:00	14:30:00	LUBRICATION WORK COMPLETED.
307	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	02-09-2021	30 Days	14:30:00	14:40:00	LUBRICATION WORK COMPLETED.
308	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	02-09-2021	30 Days	14:40:00	14:50:00	LUBRICATION WORK COMPLETED.
309	02-09-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	02-09-2021	30 Days	14:50:00	15:00:00	LUBRICATION WORK COMPLETED.
310	02-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	02-09-2021	30 Days	15:00:00	15:10:00	LUBRICATION WORK COMPLETED.
311	01-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	01-09-2021	30 Days	14:20:00	14:35:00	LUBRICATION WORK COMPLETED.
312	01-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	01-09-2021	30 Days	14:35:00	14:45:00	LUBRICATION WORK COMPLETED.
313	01-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	01-09-2021	30 Days	14:45:00	15:05:00	LUBRICATION WORK COMPLETED.
314	01-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	01-09-2021	30 Days	15:05:00	15:15:00	LUBRICATION WORK COMPLETED.
315	01-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	01-09-2021	30 Days	15:15:00	15:25:00	LUBRICATION WORK COMPLETED.
316	01-09-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	01-09-2021	30 Days	15:35:00	15:45:00	LUBRICATION WORK COMPLETED.
317	29-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	29-08-2021	15 Days	10:05	10:20	DRIVE ASSEMBLY-1 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-1= 2.0 MM/S AND MOTOR-1= 1.8 MM/S

318	29-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	29-08-2021	15 Days	10:30	10:55	DRIVE ASSEMBLY-2 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-2= 2.5 MM/S AND MOTOR-2= 2.7 MM/S
319	29-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	29-08-2021	15 Days	11:05	11:20	DRIVE ASSEMBLY-3 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-3= 3.1 MM/S AND MOTOR-3= 3.9 MM/S
320	29-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	29-08-2021	15 Days	11:30	11:45	DRIVE ASSEMBLY-4 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-4= 2.5 MM/S AND MOTOR-4= 2.8 MM/S
321	24-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-08-2021	15 Days	18:00	18:15	Lubrication work done.
322	24-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	24-08-2021	15 Days	18:15	18:30	Lubrication work done.
323	24-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	24-08-2021	15 Days	18:45	18:50	Lubrication work done.
324	24-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-08-2021	15 Days	19:00	19:10	Lubrication work done.
325	24-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	24-08-2021	15 Days	19:10	19:20	Lubrication work done.
326	24-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	24-08-2021	15 Days	17:20	17:30	Lubrication work done.
327	24-08-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-08-2021	15 Days	17:30	17:40	Lubrication work done.
328	24-08-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-08-2021	15 Days	19:40	19:50	Lubrication work done.
329	24-08-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	24-08-2021	180 Days	18:30:00	18:45:00	BASE BOLT TIGHTNESS CHECKING DONE.
330	24-08-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	24-08-2021	180 Days	18:45:00	19:00:00	BASE BOLT TIGHTNESS CHECKING DONE.
331	24-08-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	24-08-2021	180 Days	19:00:00	19:15:00	BASE BOLT TIGHTNESS CHECKING DONE.
332	24-08-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	24-08-2021	180 Days	19:15:00	19:30:00	BASE BOLT TIGHTNESS CHECKING DONE.
333	21-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	21-08-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
334	21-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	21-08-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
335	21-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	21-08-2021	15 Days	18:00	19:00	BASE BOLT TIGHTNESS WORK COMPLITED.
336	20-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	20-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
337	20-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	20-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
338	20-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	20-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
339	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	19-08-2021	30 Days	18:30:00	18:55:00	BASE BOLT TIGHTNESS CHECKING DONE.
340	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	19-08-2021	30 Days	18:55:00	19:10:00	BASE BOLT TIGHTNESS CHECKING DONE.
341	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	19-08-2021	30 Days	19:10:00	19:25:00	BASE BOLT TIGHTNESS CHECKING DONE.
342	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	19-08-2021	30 Days	19:25:00	19:40:00	BASE BOLT TIGHTNESS CHECKING DONE.
343	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	19-08-2021	30 Days	19:00:00	19:20:00	BOLT TIGHTNESS CHECKING DONE.
344	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
345	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
346	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
347	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
348	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
349	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.

350	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
351	19-08-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
352	16-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	14:30	14:45	Base bolt tightness checking work done.
353	16-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	14:45	15:00	Base bolt tightness checking work done.
354	16-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	15:00	15:15	Base bolt tightness checking work done.
355	16-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	15:30	15:45	Base bolt tightness checking work done.
356	16-08-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	15:45	16:00	Base bolt tightness checking work done.
357	16-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	16:00	16:15	Base bolt tightness checking work done.
358	16-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	14:30	14:45	Base bolt tightness checking work done.
359	16-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	16-08-2021	90 Days	16:45	17:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
360	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	14-08-2021	30 Days	14:30	14:55	Lubrication work done.
361	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	14-08-2021	30 Days	15:05	15:30	Lubrication work done.
362	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	14-08-2021	30 Days	15:40	16:00	Lubrication work done.
363	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	14-08-2021	30 Days	16:10	16:25	Lubrication work done.
364	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	14-08-2021	15 Days	10:00	10:20	DRIVE ASSEMBLY-1 VIBRATION CHECKED BY ACME PERSON: GEAR BOX-1= 3.4 MM/S AND MOTOR-1= 2.4 MM/S
365	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	14-08-2021	15 Days	10:30	10:55	DRIVE ASSEMBLY-2 VIBRATION CHECKED BY ACME PERSON: GEAR BOX-2= 4.7 MM/S AND MOTOR-2= 3.9 MM/S
366	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	14-08-2021	15 Days	11:05	11:20	DRIVE ASSEMBLY-3 VIBRATION CHECKED BY ACME PERSON: GEAR BOX-3= 3.2 MM/S AND MOTOR-3= 4.5 MM/S
367	14-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	14-08-2021	15 Days	11:30	11:50	DRIVE ASSEMBLY-4 VIBRATION CHECKED BY ACME PERSON: GEAR BOX-4= 3.5 MM/S AND MOTOR-4= 3.2 MM/S
368	13-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	13-08-2021	30 Days	14:15	14:30	LUBRICATION WORK DONE.
369	13-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	13-08-2021	30 Days	14:45	15:00	LUBRICATION WORK DONE.
370	09-08-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-08-2021	15 Days	15:15	15:30	LUBRICATION WORK DONE.
371	09-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-08-2021	15 Days	15:00	15:15	LUBRICATION WORK DONE.
372	09-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	09-08-2021	15 Days	15:30	15:45	LUBRICATION WORK DONE.
373	09-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	09-08-2021	15 Days	15:45	16:00	LUBRICATION WORK DONE.
374	09-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	09-08-2021	15 Days	16:00	16:15	LUBRICATION WORK DONE.
375	09-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	09-08-2021	15 Days	16:30	16:45	LUBRICATION WORK DONE.
376	09-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	09-08-2021	15 Days	16:45	17:00	LUBRICATION WORK DONE.
377	09-08-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-08-2021	15 Days	17:15	17:30	LUBRICATION WORK DONE.
378	07-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	07-08-2021	30 Days	14:30	14:55	Lubrication work done.
379	07-08-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	07-08-2021	30 Days	15:05	15:15	Lubrication work done.
380	07-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	07-08-2021	30 Days	15:20	15:35	Lubrication work done.
381	07-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	07-08-2021	30 Days	15:40	15:50	Lubrication work done.

382	07-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	07-08-2021	30 Days	15:55	16:05	Lubrication work done.
383	07-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	07-08-2021	30 Days	16:10	16:20	Lubrication work done.
384	07-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	07-08-2021	15 Days	15:15	15:40	Base bolt tightness checking work done.
385	06-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	06-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
386	06-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	06-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
387	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
388	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
389	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
390	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
391	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
392	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
393	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
394	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
395	05-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
396	04-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	04-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
397	04-08-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	04-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
398	02-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	02-08-2021	30 Days	14:40	14:50	LUBRICATION WORK DONE.
399	02-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	02-08-2021	30 Days	14:50	15:00	LUBRICATION WORK DONE.
400	02-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	02-08-2021	30 Days	15:00	15:05	LUBRICATION WORK DONE.
401	02-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	02-08-2021	30 Days	15:05	15:10	LUBRICATION WORK DONE.
402	02-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	02-08-2021	30 Days	15:10	15:15	LUBRICATION WORK DONE.
403	02-08-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	02-08-2021	30 Days	15:15	15:20	LUBRICATION WORK DONE.
404	31-07-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	31-07-2021	90 Days	14:30	15:00	Base bolt tightness checking work done.
405	31-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	31-07-2021	90 Days	15:10	15:30	Base bolt tightness checking work done.
406	31-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	31-07-2021	90 Days	15:40	15:55	Base bolt tightness checking work done.
407	31-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	31-07-2021	90 Days	16:10	16:25	Base bolt tightness checking work done.
408	30-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	30-07-2021	15 Days	10:35	11:50	GEAR BOX 1 = 4.1 MM/SEC MOTOR 1 = 2.6 MM/SEC
409	30-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	30-07-2021	15 Days	10:55	11:10	GER BOX 2 = 4.9 MM/SEC MOTOR 2 = 4.0 MM/SEC
410	30-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	30-07-2021	15 Days	11:15	11:30	GEAR BOX 3 = 3.8 MM/SEC MOTOR 3 = 5.2 MM/SEC
411	30-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	30-07-2021	15 Days	11:30	11:45	GEAR BOX 4 = 3.3 MM/SEC MOTOR 4 = 3.6 MM/SEC
412	26-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	26-07-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
413	26-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	26-07-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.

414	26-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-07-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
415	26-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	26-07-2021	15 Days	14:30	14:55	Lubrication work done.
416	26-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	26-07-2021	15 Days	15:15	15:35	Lubrication work done.
417	26-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	26-07-2021	15 Days	10:00	10:30	Lubrication work done.
418	26-07-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	26-07-2021	15 Days	10:30	11:00	Lubrication work done.
419	26-07-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	26-07-2021	15 Days	11:00	11:20	Lubrication work done.
420	22-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	22-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
421	22-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	22-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
422	21-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	21-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
423	21-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
424	21-07-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	21-07-2021	15 Days	00:00	23:59	lubricating by auto lubrication pump
425	21-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	21-07-2021	15 Days	00:00	23:59	lubricating by auto lubrication pump
426	21-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	21-07-2021	15 Days	00:00	23:59	lubricating by auto lubrication pump
427	21-07-2021	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	21-07-2021	90 Days	16:15:00	16:30:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
428	21-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	21-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
429	21-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	21-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
430	20-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	20-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
431	20-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	20-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
432	20-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	20-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
433	20-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	20-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
434	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	18-07-2021	30 Days	15:00:00	15:15:00	LUBRICATION WORK COMPLETED.
435	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	16:00:00	16:15:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
436	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	18-07-2021	30 Days	15:15:00	15:30:00	LUBRICATION WORK COMPLETED.
437	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	16:15:00	16:30:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
438	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	16:30:00	16:45:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
439	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	17:45:00	18:00:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
440	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	18:15:00	18:30:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
441	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	18:30:00	18:45:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
442	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-07-2021	15 Days	16:00:00	16:15:00	BASE BOLT TIGHTNESS
443	18-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	19:00:00	19:15:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
444	18-07-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	19:15:00	19:30:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
445	17-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-07-2021	30 Days	15:30	16:00	Bolt tightness checking work done.

446	17-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-07-2021	30 Days	16:05	16:25	Bolt tightness checking work done.
447	17-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-07-2021	30 Days	16:30	17:00	Bolt tightness checking work done.
448	17-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-07-2021	30 Days	17:05	17:30	Bolt tightness checking work done.
449	14-07-2021	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	14-07-2021	90 Days	11:30	11:50	BASE BOLT TIGHTNESS CHECK WORK COMPLETED.
450	14-07-2021	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	14-07-2021	90 Days	11:55	12:10	BASE BOLT TIGHTNESS CHECK WORK COMPLETED.
451	14-07-2021	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	14-07-2021	90 Days	12:15	12:30	BASE BOLT TIGHTNESS CHECK WORK COMPLETED.
452	14-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	14-07-2021	30 Days	14:45	15:10	LUBRICATION WORK COMPLETED.
453	14-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	14-07-2021	30 Days	15:20	15:45	LUBRICATION WORK COMPLETED.
454	14-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	14-07-2021	30 Days	15:50	16:15	LUBRICATION WORK COMPLETED.
455	14-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	14-07-2021	30 Days	16:00	16:20	LUBRICATION WORK COMPLETED.
456	12-07-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-07-2021	15 Days	14:30	15:00	LUBRICATION WORK DONE
457	12-07-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-07-2021	15 Days	15:00	15:30	LUBRICATION WORK DONE
458	12-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-07-2021	15 Days	14:00	15:00	LUBRICATION WORK DONE
459	11-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	11-07-2021	15 Days	14:00	14:30	LUBRICATION WORK DONE
460	11-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	11-07-2021	15 Days	15:00	15:30	LUBRICATION WORK DONE
461	10-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	10-07-2021	15 Days	15:30	15:55	Lubrication work done.
462	10-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-07-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
463	10-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	10-07-2021	15 Days	16:05	16:25	Lubrication work done.
464	08-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
465	08-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
466	08-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
467	08-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
468	08-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
469	08-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
470	07-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	07-07-2021	30 Days	15:30:00	15:45:00	LUBRICATION WORK COMPLETED.
471	07-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	07-07-2021	30 Days	15:45:00	16:00:00	LUBRICATION WORK COMPLETED.
472	07-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	07-07-2021	30 Days	16:00:00	16:15:00	LUBRICATION WORK COMPLETED.
473	07-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	07-07-2021	15 Days	18:00:00	18:15:00	BOLT TIGHTNESS CHECKING DONE.
474	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	06-07-2021	15 Days	14:00	15:00	LUBRICATION WORK DONE
475	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-07-2021	15 Days	14:20	15:00	LUBRICATION WORK DONE
476	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	06-07-2021	15 Days	14:20	16:00	LUBRICATION WORK DONE
477	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-07-2021	15 Days	14:30	15:00	LUBRICATION WORK DONE

478	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	06-07-2021	15 Days	14:00	14:40	LUBRICATION WORK DONE
479	06-07-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	06-07-2021	30 Days	14:00	15:00	LUBRICATION WORK DONE
480	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	06-07-2021	15 Days	14:00	14:40	LUBRICATION WORK DONE
481	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	06-07-2021	30 Days	14:00	14:40	LUBRICATION WORK DONE
482	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	06-07-2021	30 Days	15:00	15:30	LUBRICATION WORK DONE
483	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-07-2021	15 Days	11:00:00	11:20:00	GEAR BOX-1- 4.7MM/SEC,MOTOR-1-2.4MM/SEC
484	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	06-07-2021	15 Days	11:20:00	11:40:00	GEAR BOX-2- 4.3MM/SEC,MOTOR-1-23.3MM/SEC
485	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	06-07-2021	15 Days	11:40:00	12:20:00	GEAR BOX-1- 4.7MM/SEC,MOTOR-1-2.4MM/SEC
486	06-07-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	06-07-2021	15 Days	12:20:00	12:20:00	GEAR BOX-1- 4.3MM/SEC,MOTOR-1-3.3MM/SEC
487	04-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	04-07-2021	30 Days	14:30	14:50	Lubrication work done.
488	04-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	04-07-2021	30 Days	15:05	15:15	Lubrication work done.
489	04-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	04-07-2021	30 Days	15:20	15:30	Lubrication work done.
490	04-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	04-07-2021	30 Days	15:40	15:50	Lubrication work done.
491	04-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	04-07-2021	30 Days	16:05	16:20	Lubrication work done.
492	04-07-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	04-07-2021	30 Days	16:25	16:40	Lubrication work done.
493	04-07-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	04-07-2021	15 Days	14:00	14:40	LUBRICATION WORK DONE
494	30-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	30-06-2021	90 Days	13:30:00	14:30:00	TORQUING WORK COMPLETED.(1 NOS BOLT REPLACED)
495	30-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	30-06-2021	90 Days	12:30:00	13:30:00	TORQUING WORK COMPLETED.
496	30-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	30-06-2021	90 Days	11:30:00	12:30:00	TORQUING WORK COMPLETED.
497	28-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	28-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
498	28-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	28-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
499	28-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	28-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
500	28-06-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	28-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
501	28-06-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	28-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
502	25-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	25-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
503	25-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	25-06-2021	15 Days	15:05	15:25	Lubrication work done completed.
504	25-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	25-06-2021	15 Days	15:35	15:55	Lubrication work done completed.
505	24-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	24-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
506	24-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
507	24-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	24-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
508	24-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	24-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
509	24-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	24-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.

510	23-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	23-06-2021	15 Days	16:00:00	16:20:00	GEAR BOX-1=3.6MM/SEC , MOTOR-1=2.4MM/SEC
511	23-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	23-06-2021	15 Days	16:20:00	16:40:00	GEAR BOX-2=3.2MM/SEC , MOTOR-2=3.3MM/SEC
512	23-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	23-06-2021	15 Days	16:40:00	17:00:00	GEAR BOX-3=3.0MM/SEC , MOTOR-3=3.7MM/SEC
513	23-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	23-06-2021	15 Days	17:00:00	17:20:00	GEAR BOX-4=2.9MM/SEC , MOTOR-4=3.6MM/SEC
514	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	21-06-2021	90 Days	14:00:00	15:30:00	BOLT TIGHTNESS CHECKING DONE.
515	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	21-06-2021	15 Days	14:15	14:30	Lubrication work is completed.
516	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	21-06-2021	15 Days	14:30	14:40	Lubrication work is completed.
517	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	21-06-2021	15 Days	14:40	14:50	Lubrication work is completed.
518	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	21-06-2021	15 Days	14:50	15:00	Lubrication work is completed.
519	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	21-06-2021	15 Days	15:00	15:10	Lubrication work is completed.
520	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	21-06-2021	15 Days	15:10	15:20	Lubrication work is completed.
521	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	21-06-2021	15 Days	15:20	15:30	Lubrication work is completed.
522	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-06-2021	15 Days	15:30	15:40	Lubrication work is completed.
523	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	21-06-2021	15 Days	15:40	15:50	Lubrication work is completed.
524	21-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	21-06-2021	15 Days	15:50	16:00	Lubrication work is completed.
525	20-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	20-06-2021	15 Days	11:20	11:40	DRIVE ASSEMBLY-1 VIBRATION CHECKING BY ACKMI PERSON: GEAR BOX-1= 4.4 MM/S AND MOTOR-1= 4.2 MM/S
526	20-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	20-06-2021	15 Days	11:50	12:00	DRIVE ASSEMBLY-2 VIBRATION CHECKING BY ACKMI PERSON: GEAR BOX-2= 3.3 MM/S AND MOTOR-2= 4.0 MM/S
527	20-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	20-06-2021	15 Days	12:05	12:20	DRIVE ASSEMBLY-3 VIBRATION CHECKING BY ACKMI PERSON: GEAR BOX-3= 4.5 MM/S AND MOTOR-3= 4.5 MM/S
528	20-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	20-06-2021	15 Days	12:30	12:50	DRIVE ASSEMBLY-4 VIBRATION CHECKING BY ACKMI PERSON: GEAR BOX-4= 3.0 MM/S AND MOTOR-4= 2.8 MM/S
529	19-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	19-06-2021	30 Days	15:30	15:55	Lubrication work done completed.
530	19-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	19-06-2021	30 Days	15:10	15:25	Lubrication work done completed.
531	17-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	17-06-2021	30 Days	11:00	11:30	bolt tightness checking completed .
532	16-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-06-2021	30 Days	11:15	11:30	bolt tightness checking completed
533	16-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-06-2021	30 Days	11:30	11:45	bolt tightness checking completed
534	16-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	16-06-2021	30 Days	11:45	12:00	bolt tightness checking completed
535	15-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	15-06-2021	30 Days	10:00	10:20	Lubrication work is completed.
536	15-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	15-06-2021	30 Days	10:20	10:40	Lubrication work is completed.
537	15-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	15-06-2021	30 Days	10:40	11:00	Lubrication work is completed.
538	15-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	15-06-2021	30 Days	11:00	11:10	Lubrication work is completed.
539	15-06-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	15-06-2021	15 Days	11:10	11:20	Lubrication work is completed.
540	15-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	15-06-2021	15 Days	11:20	11:30	Lubrication work is completed.
541	15-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	15-06-2021	15 Days	11:30	11:40	Lubrication work is completed.

542	15-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-06-2021	15 Days	11:40	11:50	Lubrication work is completed.
543	15-06-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	15-06-2021	15 Days	11:50	12:00	Lubrication work is completed.
544	10-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-06-2021	15 Days	11:00	11:15	LUBRICATION WORK COMPLETED.
545	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	07-06-2021	15 Days	04:30	04:50	LUBRICATION WORK IS DONE.
546	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	07-06-2021	15 Days	16:50	17:10	LUBRICATION WORK IS DONE.
547	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	07-06-2021	15 Days	17:10	17:30	LUBRICATION WORK IS DONE.
548	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	07-06-2021	15 Days	15:30	15:50	LUBRICATION WORK IS DONE.
549	07-06-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	07-06-2021	30 Days	14:30	14:50	LUBRICATION WORK IS DONE.
550	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	07-06-2021	30 Days	14:50	15:10	LUBRICATION WORK IS DONE.
551	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	07-06-2021	30 Days	15:20	15:40	LUBRICATION WORK IS DONE.
552	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	07-06-2021	15 Days	15:50	16:10	LUBRICATION WORK IS DONE.
553	07-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	07-06-2021	15 Days	16:10	16:30	LUBRICATION WORK IS DONE.
554	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	06-06-2021	15 Days	07:30	07:45	LUBRICATION WORK COMPLETED.
555	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	06-06-2021	15 Days	08:15	08:30	LUBRICATION WORK COMPLETED.
556	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	06-06-2021	15 Days	09:05	09:20	LUBRICATION WORK COMPLETED.
557	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-06-2021	15 Days	09:30	09:50	LUBRICATION WORK COMPLETED.
558	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	06-06-2021	15 Days	10:00	10:25	LUBRICATION WORK COMPLETED.
559	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	06-06-2021	15 Days	11:10	11:30	LUBRICATION WORK COMPLETED.
560	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	06-06-2021	15 Days	12:00	12:15	LUBRICATION WORK COMPLETED.
561	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	06-06-2021	15 Days	12:30	12:50	LUBRICATION WORK COMPLETED.
562	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	06-06-2021	15 Days	13:10	13:30	LUBRICATION WORK COMPLETED
563	06-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	06-06-2021	15 Days	11:35	11:50	LUBRICATION WORK COMPLETED
564	05-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	05-06-2021	15 Days	10:20:00	10:30:00	MOTOR-3->4.1MM/SEC GEAR BOX-3-> 3.9MM/SEC
565	05-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	05-06-2021	15 Days	10:00:00	10:10:00	MOTOR 1->4.3MM/SEC GEAR BOX-1->4.5MM/SEC
566	05-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	05-06-2021	15 Days	10:30:00	10:40:00	MOTOR-4->2.9MM/SEC GEAR BOX-4-> 3.8MM/SEC
567	05-06-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	05-06-2021	15 Days	10:10:00	10:20:00	MOTOR-2->4.0MM/SEC GEAR BOX-2-> 4.5MM/SEC
568	05-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	05-06-2021	30 Days	09:40	10:00	LUBRICATION WORK IS DONE.
569	05-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	05-06-2021	30 Days	11:40	12:00	LUBRICATION WORK IS DONE.
570	05-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	05-06-2021	30 Days	12:00	12:20	LUBRICATION WORK IS DONE.
571	04-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	04-06-2021	30 Days	09:00	09:20	LUBRICATION WORK IS DONE.
572	04-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	04-06-2021	30 Days	09:20	09:40	LUBRICATION WORK IS DONE.
573	04-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	04-06-2021	30 Days	10:20	10:40	LUBRICATION WORK IS DONE.

574	04-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	04-06-2021	30 Days	10:40	11:00	LUBRICATION WORK IS DONE.
575	04-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	04-06-2021	30 Days	11:00	11:20	LUBRICATION WORK IS DONE.
576	04-06-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	04-06-2021	30 Days	11:20	11:40	LUBRICATION WORK IS DONE.
577	30-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	30-05-2021	15 Days	11:00	11:20	LUBRICATION WORK IS DONE.
578	30-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	30-05-2021	15 Days	11:20	11:40	LUBRICATION WORK IS DONE.
579	30-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	30-05-2021	15 Days	14:00	14:20	LUBRICATION WORK IS DONE.
580	30-05-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	30-05-2021	15 Days	14:30	14:50	LUBRICATION WORK IS DONE.
581	30-05-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	30-05-2021	15 Days	15:00	15:20	LUBRICATION WORK IS DONE.
582	26-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	26-05-2021	15 Days	11:00	11:10	VIBRATION=4.9 MM/S
583	26-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	26-05-2021	15 Days	11:10	11:20	VIBRATION= 3.1 MM/S
584	26-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	26-05-2021	15 Days	11:30	11:40	VIBRATION= 2.5 MM/S
585	26-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	26-05-2021	15 Days	11:50	12:00	VIBRATION= 2.2 MM/S
586	25-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	25-05-2021	15 Days	10:00	10:15	LUBRICATION WORK DONE.
587	22-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	22-05-2021	15 Days	18:00	18:20	LUBRICATION WORK IS DONE.
588	22-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	22-05-2021	15 Days	18:20	18:40	LUBRICATION WORK IS DONE.
589	20-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	20-05-2021	30 Days	08:30	08:40	LUBRICATION WORK DONE.
590	20-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	20-05-2021	30 Days	08:40	08:50	LUBRICATION WORK DONE.
591	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	19-05-2021	15 Days	14:20	14:40	Lubrication work done.
592	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	19-05-2021	15 Days	10:30	10:50	LUBRICATION WORK IS DONE.
593	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	19-05-2021	15 Days	10:50	11:10	LUBRICATION WORK IS DONE.
594	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	19-05-2021	15 Days	11:10	11:30	LUBRICATION WORK IS DONE.
595	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	19-05-2021	15 Days	11:30	11:50	LUBRICATION WORK IS DONE.
596	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	19-05-2021	15 Days	11:50	12:10	LUBRICATION WORK IS DONE.
597	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	19-05-2021	15 Days	12:10	12:30	LUBRICATION WORK IS DONE.
598	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	19-05-2021	15 Days	12:30	12:50	LUBRICATION WORK IS DONE.
599	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	19-05-2021	15 Days	14:00	14:20	LUBRICATION WORK IS DONE.
600	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	19-05-2021	15 Days	14:20	14:40	LUBRICATION WORK IS DONE.
601	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	19-05-2021	15 Days	14:40	15:00	LUBRICATION WORK IS DONE.
602	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	19-05-2021	15 Days	15:00	15:20	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
603	19-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	19-05-2021	15 Days	15:20	15:40	LUBRICATION WORK IS DONE.
604	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	18-05-2021	15 Days	18:00	18:20	LUBRICATION WORK IS DONE.
605	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	12:10	12:30	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.

606	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	12:30	12:50	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
607	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	12:50	13:10	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
608	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	14:10	14:30	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
609	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
610	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	14:50	15:10	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
611	18-05-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	15:10	15:30	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
612	18-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	18-05-2021	90 Days	15:30	15:50	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
613	15-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	15-05-2021	90 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
614	15-05-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	15-05-2021	90 Days	14:50	15:05	BASE BOLT TIGHTNESS CHECKING WORK DONE.
615	15-05-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	15-05-2021	15 Days	11:15	11:30	LUBRICATION WORK DONE.
616	15-05-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	15-05-2021	15 Days	11:45	12:00	LUBRICATION WORK DONE.
617	15-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	15-05-2021	15 Days	15:30	15:45	LUBRICATION WORK DONE.
618	15-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-05-2021	15 Days	15:45	15:55	LUBRICATION WORK DONE.
619	15-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	15-05-2021	15 Days	16:10	16:25	LUBRICATION WORK DONE.
620	13-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	13-05-2021	90 Days	14:10	14:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
621	13-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	13-05-2021	90 Days	15:20	15:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
622	13-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	13-05-2021	90 Days	15:05	15:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
623	13-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	13-05-2021	90 Days	15:15	15:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
624	13-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	13-05-2021	90 Days	15:30	15:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
625	13-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	13-05-2021	90 Days	15:40	15:55	BASE BOLT TIGHTNESS CHECKING WORK DONE.
626	12-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	12-05-2021	15 Days	12:30	12:45	LUBRICATION WORK DONE.
627	10-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	10-05-2021	15 Days	11:30	11:40	C1A-HE-DRIVE-4 motor4=3.8 mm/s ,gear box-4=3.6 mm/s
628	07-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	07-05-2021	15 Days	10:00	10:45	C1A-HE-DRIVE-1 motor-1=3.1 mm/s, gearbox -1=3.3 mm/s
629	07-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	07-05-2021	15 Days	10:45	11:10	C1A-HE-DRIVE -2 motor2=3.4 mm/s ,gear box2=3.2 mm/s
630	07-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	07-05-2021	15 Days	11:15	11:30	C1A-HE-DRIVE -3 motor3=4.1 mm/s ,gear box3=3.4 mm/s
631	05-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-05-2021	30 Days	10:40	10:50	TIGHTNESS CHECKING DONE.
632	05-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-05-2021	30 Days	10:50	11:00	TIGHTNESS CHECKING DONE.
633	05-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	05-05-2021	30 Days	11:00	11:10	TIGHTNESS CHECKING DONE.
634	05-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	05-05-2021	30 Days	11:10	11:20	GREASING DONE.
635	05-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	05-05-2021	30 Days	11:20	11:30	GREASING DONE.
636	05-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	05-05-2021	30 Days	11:30	11:40	GREASING DONE.
637	04-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	04-05-2021	15 Days	10:10	10:30	LUBRICATION WORK DONE.

638	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	03-05-2021	15 Days	09:20	09:35	LUBRICATION WORK DONE.
639	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	03-05-2021	15 Days	09:40	09:55	LUBRICATION WORK DONE.
640	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	03-05-2021	15 Days	10:45	11:00	LUBRICATION WORK DONE.
641	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	03-05-2021	15 Days	11:30	11:45	LUBRICATION WORK DONE.
642	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	03-05-2021	15 Days	14:30	14:45	Lubrication work is completed.
643	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	03-05-2021	15 Days	14:45	15:00	Lubrication work is completed.
644	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	03-05-2021	15 Days	15:00	15:10	Lubrication work is completed.
645	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	03-05-2021	15 Days	12:30	12:45	LUBRICATION WORK DONE.
646	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	03-05-2021	15 Days	15:10	15:20	Lubrication work is completed.
647	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	03-05-2021	15 Days	15:20	15:30	Lubrication work is completed.
648	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	03-05-2021	15 Days	15:30	15:40	Lubrication work is completed.
649	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	03-05-2021	15 Days	15:40	15:50	Lubrication work is completed.
650	03-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	03-05-2021	15 Days	15:50	16:00	Lubrication work is completed.
651	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	02-05-2021	90 Days	12:30	12:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.
652	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	02-05-2021	90 Days	12:50	13:05	BASE BOLT TIGHTNESS CHECKING WORK DONE.
653	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	02-05-2021	90 Days	13:05	13:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
654	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	02-05-2021	90 Days	13:20	13:35	BASE BOLT TIGHTNESS CHECKING WORK DONE.
655	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	02-05-2021	15 Days	14:45	15:00	LUBRICATION WORK DONE.
656	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	02-05-2021	15 Days	15:20	15:45	LUBRICATION WORK DONE.
657	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	02-05-2021	15 Days	15:30	15:45	LUBRICATION WORK DONE
658	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	02-05-2021	15 Days	16:30	16:50	LUBRICATION WORK DONE
659	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	02-05-2021	30 Days	14:20	14:30	LUBRICATION WORK DONE.
660	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	02-05-2021	30 Days	14:30	14:40	LUBRICATION WORK DONE.
661	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	02-05-2021	30 Days	14:40	14:50	LUBRICATION WORK DONE.
662	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	02-05-2021	30 Days	14:50	15:00	LUBRICATION WORK DONE.
663	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	02-05-2021	30 Days	13:00	13:30	LUBRICATION WORK DONE.
664	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	02-05-2021	30 Days	13:10	13:20	LUBRICATION WORK DONE.
665	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	02-05-2021	30 Days	15:20	15:30	LUBRICATION WORK DONE.
666	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	02-05-2021	30 Days	15:40	15:50	LUBRICATION WORK DONE.
667	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	02-05-2021	30 Days	15:50	16:10	LUBRICATION WORK DONE.
668	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	02-05-2021	30 Days	16:10	16:20	LUBRICATION WORK DONE.
669	02-05-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	02-05-2021	30 Days	16:20	16:30	LUBRICATION WORK DONE.

670	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	02-05-2021	30 Days	16:30	16:40	LUBRICATION WORK DONE.
671	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	02-05-2021	30 Days	16:40	16:50	LUBRICATION WORK DONE.
672	02-05-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	02-05-2021	30 Days	16:50	17:00	LUBRICATION WORK DONE.
673	29-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	29-04-2021	15 Days	13:30	13:40	greasing done.
674	26-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	26-04-2021	15 Days	15:00	15:15	Lubrication work is completed.
675	26-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	26-04-2021	15 Days	14:45	15:00	Lubrication work is completed.
676	26-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	26-04-2021	15 Days	14:30	14:45	Lubrication work is completed.
677	24-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	24-04-2021	30 Days	14:30	14:55	Lubrication work done.
678	24-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	24-04-2021	30 Days	14:55	15:10	Lubrication work done.
679	24-04-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	24-04-2021	15 Days	15:30	15:45	Lubrication work done.
680	24-04-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	24-04-2021	15 Days	15:50	16:00	Lubrication work done.
681	23-04-2021	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	23-04-2021	90 Days	09:00	09:30	tightness checking done.
682	22-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	22-04-2021	15 Days	10:00	10:15	DRIVE ASSEMBLY-1 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-1= 2.8 MM/S, MOTOR-1= 3.2 MM/S
683	22-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	22-04-2021	15 Days	10:15	10:30	DRIVE ASSEMBLY-3 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-3= 2.8 MM/S, MOTOR-3= 3.8 MM/S
684	22-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	22-04-2021	15 Days	10:30	10:45	DRIVE ASSEMBLY-4 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-4= 3.2 MM/S, MOTOR-4= 3.1 MM/S
685	22-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	22-04-2021	15 Days	10:45	11:00	DRIVE ASSEMBLY-1 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-1= 3.5 MM/S, MOTOR-1= 3.7 MM/S
686	18-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	18-04-2021	15 Days	15:00	15:10	Lubrication work is completed.
687	18-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	18-04-2021	15 Days	15:10	15:20	Lubrication work is completed.
688	18-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	18-04-2021	15 Days	15:20	15:30	Lubrication work is completed.
689	18-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	18-04-2021	15 Days	15:30	15:40	Lubrication work is completed.
690	18-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	18-04-2021	15 Days	15:00	15:30	Base bolt tightness checking work is completed.
691	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
692	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
693	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
694	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
695	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
696	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
697	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	15-04-2021	15 Days	15:15	15:30	Lubrication work done.
698	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	15-04-2021	15 Days	14:50	15:00	LUBRICATION DONE.
699	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	15-04-2021	15 Days	15:00	15:10	LUBRICATION DONE.
700	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	15-04-2021	15 Days	15:20	15:30	LUBRICATION DONE.
701	15-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	15-04-2021	15 Days	15:20	15:30	LUBRICATION DONE.

702	15-04-2021	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	15-04-2021	90 Days	15:30	15:40	TIGHTNESS CHECKING .
703	15-04-2021	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	15-04-2021	90 Days	15:40	15:50	TIGHTNESS CHECKING .
704	15-04-2021	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	15-04-2021	90 Days	15:50	16:00	TIGHTNESS CHECKING .
705	14-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	14-04-2021	15 Days	15:30	15:55	Lubrication work done.
706	12-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	12-04-2021	15 Days	11:00	11:30	LUBRICATION WORK COMPLETED
707	12-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	12-04-2021	15 Days	11:30	12:00	LUBRICATION WORK COMPLETED
708	12-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-04-2021	15 Days	12:30	13:00	LUBRICATION WORK COMPLETED
709	09-04-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-04-2021	15 Days	14:40	14:50	GREASING DONE.
710	09-04-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-04-2021	15 Days	14:50	15:00	GREASING DONE.
711	06-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	06-04-2021	15 Days	11:00	11:30	LUBRICATION WORK DONE
712	06-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-04-2021	15 Days	11:30	12:00	LUBRICATION WORK DONE
713	05-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	05-04-2021	15 Days	15:50	16:05	Lubrication work done completed.
714	05-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	05-04-2021	15 Days	12:00	12:30	LUBRICATION WORK DONE
715	05-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	05-04-2021	15 Days	14:00	14:30	LUBRICATION WORK DONE
716	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-04-2021	30 Days	15:20	15:35	Base bolt tightness checking work done completed.
717	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-04-2021	30 Days	15:50	16:15	bolt tightness checking work done completed.
718	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-04-2021	30 Days	16:30	16:55	Bolt tightness checking work done completed.
719	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-04-2021	30 Days	17:05	17:25	Bolt tightness checking work done completed.
720	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-04-2021	30 Days	15:30	15:55	Lubrication work done completed.
721	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	04-04-2021	30 Days	15:25	15:35	Lubrication work done completed.
722	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	04-04-2021	30 Days	16:05	16:20	Lubrication work done completed.
723	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	04-04-2021	30 Days	15:30	15:55	Lubrication work done completed.
724	04-04-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	04-04-2021	30 Days	15:25	15:40	Lubrication work done completed.
725	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	04-04-2021	30 Days	16:05	16:20	Lubrication work done completed.
726	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-04-2021	30 Days	15:05	15:20	Lubrication work done completed.
727	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	04-04-2021	30 Days	16:10	16:30	Lubrication work done completed.
728	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	04-04-2021	30 Days	16:25	16:40	Lubrication work done completed.
729	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	04-04-2021	30 Days	17:05	17:25	Lubrication work done completed.
730	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	04-04-2021	30 Days	16:30	16:40	Lubrication work done completed.
731	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	04-04-2021	30 Days	16:55	17:10	Lubrication work done completed.
732	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	04-04-2021	30 Days	16:55	17:10	Lubrication work done completed.
733	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	04-04-2021	30 Days	17:15	17:30	Lubrication work done completed.

734	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-04-2021	30 Days	17:05	17:25	Lubrication work done completed.
735	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	04-04-2021	30 Days	17:35	17:45	Lubrication work done completed.
736	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	04-04-2021	15 Days	10:30	10:55	DRIVE ASSEMBLY-1 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-1= 3.8 MM/S, MOTOR-1= 4.7 MM/S
737	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	04-04-2021	15 Days	10:40	10:55	DRIVE ASSEMBLY-3 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-3= 2.8 MM/S, MOTOR-3= 4.2 MM/S
738	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	04-04-2021	15 Days	11:00	11:15	DRIVE ASSEMBLY-2 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-2= 4.5 MM/S, MOTOR-2= 4.3 MM/S
739	04-04-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	04-04-2021	15 Days	11:30	11:45	DRIVE ASSEMBLY-4 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-4= 3.2 MM/S, MOTOR-4= 3.2 MM/S
740	31-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	31-03-2021	15 Days	18:15	18:25	GREASING DONE.
741	31-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	31-03-2021	15 Days	18:25	18:35	GREASING DONE.
742	31-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	31-03-2021	15 Days	18:35	18:45	GREASING DONE.
743	31-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	31-03-2021	15 Days	18:45	18:55	GREASING DONE.
744	30-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	30-03-2021	15 Days	14:00	14:30	LUBRICATION WORK DONE
745	30-03-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	30-03-2021	15 Days	00:30	01:10	LUBRICATION WORK COMPLETED
746	30-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	30-03-2021	15 Days	01:10	01:30	LUBRICATION WORK DONE
747	30-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	30-03-2021	15 Days	01:30	02:00	LUBRICATION WORK DONE
748	29-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	29-03-2021	15 Days	15:00	15:20	LUBRICATION WORK DONE.
749	29-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	29-03-2021	15 Days	15:25	15:45	LUBRICATION WORK DONE.
750	29-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	29-03-2021	15 Days	15:30	15:50	LUBRICATION WORK DONE.
751	29-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	29-03-2021	15 Days	15:50	16:10	LUBRICATION WORK DONE.
752	28-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	28-03-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
753	28-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	28-03-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
754	28-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	28-03-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
755	25-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	25-03-2021	30 Days	07:30	07:40	GREASING DONE.
756	25-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	25-03-2021	30 Days	07:40	07:50	GREASING DONE.
757	25-03-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	25-03-2021	15 Days	07:50	08:00	GREASING DONE.
758	25-03-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	25-03-2021	15 Days	08:00	08:10	GREASING DONE.
759	25-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-03-2021	90 Days	08:20	08:35	TIGHTNESS CHECKING DONE.
760	25-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-03-2021	90 Days	08:35	08:50	TIGHTNESS CHECKING DONE.
761	25-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	25-03-2021	90 Days	08:50	09:10	TIGHTNESS CHECKING DONE.
762	22-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	22-03-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
763	21-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	21-03-2021	15 Days	15:10	15:30	Lubrication work done.
764	21-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	21-03-2021	15 Days	15:35	15:55	Lubrication work done.
765	21-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	21-03-2021	15 Days	15:05	15:20	Base bolt tightness checking work done completed.

766	21-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	21-03-2021	15 Days	10:30	11:00	C1A HEAD END DRIVE ASSEMBLY-2 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-2=3.4 MM/S, MOTOR-2= 3.4 MM/S
767	20-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	20-03-2021	15 Days	10:00	10:20	C1A HEAD DRIVE ASSEMBLY -1 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-1= 3.3 MM/S, MOTOR-1= 2.6 MM/S
768	20-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	20-03-2021	15 Days	10:30	10:55	C1A HEAD DRIVE ASSEMBLY -3 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-3= 3.1 MM/S, MOTOR-3= 3.1 MM/S
769	20-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	20-03-2021	15 Days	11:00	11:15	C1A HEAD DRIVE ASSEMBLY -4 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-4= 3.5 MM/S, MOTOR-4= 3.4 MM/S
770	19-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	19-03-2021	15 Days	15:30	16:00	GREASING DONE.
771	16-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	16-03-2021	15 Days	13:25	13:55	LUBRICATION WORK DONE.
772	16-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	16-03-2021	15 Days	14:20	14:40	LUBRICATION WORK DONE.
773	16-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	16-03-2021	15 Days	14:40	15:10	LUBRICATION WORK DONE.
774	16-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	16-03-2021	15 Days	15:10	15:30	LUBRICATION WORK DONE.
775	16-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	16-03-2021	15 Days	16:30	16:50	LUBRICATION WORK DONE.
776	15-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	15-03-2021	15 Days	12:30	12:45	LUBRICATION WORK DONE.
777	15-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	15-03-2021	15 Days	12:50	13:00	LUBRICATION WORK DONE.
778	15-03-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	15-03-2021	15 Days	13:10	13:30	LUBRICATION WORK DONE.
779	15-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	15-03-2021	15 Days	13:45	14:00	LUBRICATION WORK DONE.
780	15-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	15-03-2021	15 Days	14:50	15:10	LUBRICATION WORK DONE.
781	15-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	15-03-2021	15 Days	15:50	16:10	LUBRICATION WORK DONE.
782	15-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	15-03-2021	15 Days	16:40	17:00	LUBRICATION WORK DONE.
783	14-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	14-03-2021	15 Days	14:30	14:55	lubrication work done.
784	14-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 LOW SPEED COUPLING	BOLT TIGHTNESS(OUTSIDE),	14-03-2021	90 Days	14:10	14:55	BOLT TIGHTNESS CHECKING WORK DONE.
785	12-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	12-03-2021	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
786	12-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	12-03-2021	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
787	12-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-03-2021	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED.
788	09-03-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	09-03-2021	15 Days	10:30	10:50	LUBRICATION WORK DONE.
789	09-03-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	09-03-2021	15 Days	11:00	11:30	LUBRICATION WORK DONE.
790	06-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	06-03-2021	15 Days	10:00	10:30	C1A-HEAD END DRIVE ASSEMBLY-2 VIBRATION CHECKING BY ACME PERSON:GEAR BOX-2: 3.4MM/S, MOTOR-2: 3.2 MM/S
791	06-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	06-03-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
792	06-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	06-03-2021	15 Days	14:30	14:50	Lubrication work done.
793	06-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	06-03-2021	15 Days	15:05	15:25	Lubrication work done.
794	06-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	06-03-2021	15 Days	16:05	16:25	Base bolt tightness checking work done & its find ok.
795	05-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	05-03-2021	30 Days	14:30	15:00	lubrication work done.
796	05-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	05-03-2021	15 Days	11:00	13:00	GEAR BOX-3.4MM/S,MOTOR-2.7MM/S
797	05-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	05-03-2021	15 Days	11:00	13:00	GEAR BOX-3.1MM/S MOTOR-3.7MM/S

798	05-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	05-03-2021	15 Days	11:00	13:00	GEAR BOX-3.3MM/S MOTOR-3.2MM/S
799	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-03-2021	30 Days	14:00	14:20	BOLT TIGHTNESS CHECKING WORK IS DONE.
800	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-03-2021	30 Days	14:20	14:40	BOLT TIGHTNESS CHECKING WORK IS DONE AND FOUND OK.
801	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-03-2021	30 Days	14:40	15:00	BOLT TIGHTNESS CHECKING WORK IS DONE AND FOUND OK.
802	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	04-03-2021	30 Days	14:00	14:20	LUBRICATION WORK IS DONE.
803	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	04-03-2021	30 Days	14:20	14:40	BOLT TIGHTNESS CHECKING WORK IS DONE AND FOUND OK.
804	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	04-03-2021	30 Days	15:00	15:20	LUBRICATION WORK IS DONE.
805	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	04-03-2021	30 Days	15:15	15:30	LUBRICATION WORK IS DONE.
806	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	04-03-2021	30 Days	15:30	15:45	LUBRICATION WORK IS DONE.
807	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	04-03-2021	30 Days	15:45	16:00	LUBRICATION WORK IS DONE.
808	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	04-03-2021	30 Days	16:00	16:15	LUBRICATION WORK IS DONE.
809	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	04-03-2021	30 Days	16:20	16:35	LUBRICATION WORK IS DONE.
810	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	04-03-2021	30 Days	16:40	17:00	LUBRICATION WORK IS DONE.
811	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	04-03-2021	15 Days	14:00	14:10	greasing done.
812	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	04-03-2021	30 Days	14:10	14:20	greasing done.
813	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	04-03-2021	30 Days	14:20	14:30	greasing done.
814	04-03-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	04-03-2021	30 Days	14:30	14:40	greasing done.
815	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	04-03-2021	30 Days	14:40	14:50	greasing done.
816	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	04-03-2021	30 Days	14:50	15:00	greasing done.
817	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	04-03-2021	30 Days	15:00	15:10	greasing done.
818	04-03-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	04-03-2021	30 Days	15:10	15:20	greasing done.
819	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
820	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
821	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
822	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
823	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
824	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
825	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
826	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
827	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
828	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
829	28-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.

830	27-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	27-02-2021	15 Days	14:40	15:00	Lubrication work done.
831	26-02-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-2	BASE BOLT TIGHTNESS,	26-02-2021	180 Days	14:00	14:20	TIGHTNESS CHECKING DONE.
832	26-02-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-3	BASE BOLT TIGHTNESS,	26-02-2021	180 Days	14:20	14:40	TIGHTNESS CHECKING DONE.
833	26-02-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-4	BASE BOLT TIGHTNESS,	26-02-2021	180 Days	14:40	15:00	TIGHTNESS CHECKING DONE.
834	26-02-2021	C1A	HEAD END	MECHANICAL	GEAR BOX-1	BASE BOLT TIGHTNESS ,	26-02-2021	180 Days	15:00	15:20	TIGHTNESS CHECKING DONE.
835	24-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	BASE BOLT TIGHTNESS,	24-02-2021	90 Days	14:45	14:55	TIGHTNESS CHECK WORK COMPLETED.
836	24-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	24-02-2021	15 Days	12:00	12:20	LUBRICATION WORK IS DONE.
837	24-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	24-02-2021	15 Days	12:40	13:00	LUBRICATION WORK IS DONE.
838	24-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	24-02-2021	15 Days	13:00	13:20	LUBRICATION WORK IS DONE.
839	22-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	BASE BOLT TIGHTNESS,	22-02-2021	90 Days	14:30	14:40	TIGHTNESS CHECK WORK COMPLETED.
840	22-02-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	22-02-2021	30 Days	15:10	15:20	LUBRICATION WORK COMPLETED
841	22-02-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	22-02-2021	30 Days	15:25	15:35	LUBRICATION WORK COMPLETED.
842	21-02-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	21-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
843	21-02-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	21-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
844	21-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	21-02-2021	15 Days	10:15	10:30	DRIVE ASSEMBLY -1 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-1= 2.6 MM/S , MOTOR-1= 2.9 MM/S
845	21-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	21-02-2021	15 Days	10:40	10:55	DRIVE ASSEMBLY -3 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-3= 2.8 MM/S , MOTOR-3= 3.3 MM/S
846	21-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	21-02-2021	15 Days	11:00	11:15	DRIVE ASSEMBLY -4 VIBRATION CHECKING BY ACME PERSON: GEAR BOX-4= 2.9 MM/S , MOTOR-4= 3.0 MM/S
847	20-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	20-02-2021	90 Days	14:35	14:50	Base bolt tightness checking work done completed and its found ok.
848	20-02-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	20-02-2021	90 Days	15:05	15:25	Base bolt tightness checking work done completed and its found ok.
849	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	19-02-2021	15 Days	01:10	01:20	greasing done.
850	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	19-02-2021	15 Days	01:20	01:30	greasing done.
851	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	19-02-2021	15 Days	01:30	01:40	greasing done.
852	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	19-02-2021	90 Days	13:00	13:10	tightness checking done.
853	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	BASE BOLT TIGHTNESS,	19-02-2021	90 Days	13:10	13:20	tightness checking done.
854	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	BASE BOLT TIGHTNESS,	19-02-2021	90 Days	13:20	13:30	tightness checking done.
855	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	BASE BOLT TIGHTNESS,	19-02-2021	90 Days	13:30	13;40	tightness checking done.
856	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	BASE BOLT TIGHTNESS,	19-02-2021	90 Days	13:40	13:50	tightness checking done.
857	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	19-02-2021	15 Days	13:50	14:00	tightness checking done.
858	19-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	19-02-2021	15 Days	13:00	13:20	GB-2-2.8 MM/S,MOTOR-2- 2.7 MM/S
859	17-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	17-02-2021	90 Days	12:20	12:30	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
860	14-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	14-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
861	13-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	13-02-2021	15 Days	14:40	14:50	GREASING DONE.

862	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-02-2021	15 Days	14:00	14:10	GREASING DONE.
863	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-02-2021	15 Days	14:10	14:20	GREASING DONE.
864	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	12-02-2021	15 Days	14:20	14:30	GREASING DONE.
865	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	12-02-2021	15 Days	14:30	14:40	GREASING DONE.
866	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	12-02-2021	15 Days	14:40	14:50	GREASING DONE.
867	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	12-02-2021	15 Days	14:50	15:00	GREASING DONE.
868	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	12-02-2021	15 Days	15:00	15:10	GREASING DONE.
869	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-02-2021	15 Days	15:10	15:20	GREASING DONE.
870	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	12-02-2021	15 Days	15:20	15:30	GREASING DONE.
871	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	12-02-2021	15 Days	15:30	15:40	GREASING DONE.
872	12-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	12-02-2021	15 Days	15:40	15:50	GREASING DONE.
873	11-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	11-02-2021	90 Days	14:10	14:20	TIGHTNESS CHECKING DONE.
874	11-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	BASE BOLT TIGHTNESS,	11-02-2021	90 Days	14:20	14:30	TIGHTNESS CHECKING DONE.
875	11-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	BASE BOLT TIGHTNESS,	11-02-2021	90 Days	14:30	14:40	TIGHTNESS CHECKING DONE.
876	11-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	BASE BOLT TIGHTNESS,	11-02-2021	90 Days	14:40	14:50	TIGHTNESS CHECKING DONE.
877	11-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	BASE BOLT TIGHTNESS,	11-02-2021	90 Days	14:50	15:00	TIGHTNESS CHECKING DONE.
878	11-02-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	BASE BOLT TIGHTNESS,	11-02-2021	90 Days	15:00	15:10	TIGHTNESS CHECKING DONE.
879	09-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	09-02-2021	15 Days	12:20	12:40	LUBRICATION WORK DONE.
880	09-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	09-02-2021	15 Days	12:45	13:05	LUBRICATION WORK DONE.
881	09-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	09-02-2021	15 Days	13:05	13:25	LUBRICATION WORK DONE.
882	06-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	06-02-2021	30 Days	14:50	15:10	Lubrication work done completed.
883	06-02-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	06-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
884	06-02-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	06-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
885	06-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	06-02-2021	15 Days	10:00	10:30	C1A HEAD END DRIVE ASSEMBLY-4 VIBRATION CHECKING BY ACME PERSON: GRAR BOX-4: 1.9 MM/S, MOTOR-4: 3.3 MM/S
886	06-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	06-02-2021	15 Days	10:40	10:55	C1A HEAD END DRIVE ASSEMBLY-1 VIBRATION CHECKING BY ACME PERSON: GRAR BOX-1: 2.4 MM/S, MOTOR-1: 2.2 MM/S
887	06-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-02-2021	15 Days	11:05	11:20	C1A HEAD END DRIVE ASSEMBLY-3 VIBRATION CHECKING BY ACME PERSON: GRAR BOX-3: 2.1 MM/S, MOTOR-3: 3.9 MM/S
888	04-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	04-02-2021	15 Days	14:30	14:40	GREASING DONE.
889	04-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	04-02-2021	15 Days	15:00	15:10	GREASING DONE.
890	04-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	04-02-2021	15 Days	15:10	15:20	GREASING DONE.
891	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	BASE BOLT TIGHTNESS,	01-02-2021	90 Days	11:45	12:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
892	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	BASE BOLT TIGHTNESS,	01-02-2021	90 Days	12:10	12:30	BASE BOLT TIGHTNESS CHECKING WORK DONE.
893	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	01-02-2021	90 Days	12:30	12:45	BASE BOLT TIGHTNESS CHECKING WORK DONE.

894	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	BASE BOLT TIGHTNESS,	01-02-2021	90 Days	12:45	13:00	BASE BOLT TIGHTNESS CHECKING WORK DONE.
895	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	01-02-2021	30 Days	09:30	09:50	LUBRICATION WORK COMPLETED.
896	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	01-02-2021	30 Days	10:00	10:20	LUBRICATION WORK COMPLETED.
897	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-02-2021	30 Days	14:30	14:45	TIGHTNESS CHECK WORK COMPLETED.
898	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-02-2021	30 Days	09:40	09:50	BOLT TIGHTNESS CHECK WORK COMPLETED.
899	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-02-2021	30 Days	09:50	10:05	BOLT TIGHTNESS CHECK WORK COMPLETED.
900	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	01-02-2021	30 Days	14:50	15:00	LUBRICATION WORK COMPLETED.
901	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-02-2021	30 Days	10:20	10:35	BOLT TIGHTNESS CHECK WORK COMPLETED.
902	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	01-02-2021	30 Days	15:05	15:15	LUBRICATION WORK COMPLETED.
903	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	01-02-2021	30 Days	09:10	09:25	LUBRICATION WORK COMPLETED.
904	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	01-02-2021	30 Days	15:20	15:30	LUBRICATION WORK COMPLETED.
905	01-02-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	01-02-2021	15 Days	14:30	14:50	DRIVE assembly-2 vibration GEAR BOX-2= 2.8 MM/S MOTOR-2= 3.4 MM/S
906	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	LUBRICATION COMPLETED
907	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#6	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	LUBRICATION COMPLETED
908	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	LUBRICATION COMPLETED
909	31-01-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	LUBRICATION COMPLETED
910	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	LUBRICATION COMPLETED
911	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	31-01-2021	15 Days	14:30	15:30	job completed
912	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#8	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	lubrication completed
913	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#9	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	lubrication completed
914	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#1	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	LUBRICATION COMPLETED
915	31-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#5	LUBRICATION,	31-01-2021	30 Days	14:30	16:30	LUBRICATION COMPLETED
916	30-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	30-01-2021	15 Days	18:30	20:00	lubrication completed
917	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	28-01-2021	15 Days	15:10	15:20	LUBRICATION DONE.
918	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	28-01-2021	15 Days	15:20	15:30	LUBRICATION DONE.
919	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	28-01-2021	15 Days	15:30	15:40	LUBRICATION DONE.
920	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	28-01-2021	15 Days	15:40	15:50	LUBRICATION DONE.
921	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	28-01-2021	15 Days	15:50	16:00	LUBRICATION DONE.
922	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	28-01-2021	15 Days	16:00	16:10	LUBRICATION DONE.
923	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	28-01-2021	15 Days	16:10	16:20	LUBRICATION DONE.
924	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	28-01-2021	15 Days	16:20	16:30	LUBRICATION DONE.
925	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	28-01-2021	15 Days	16:30	16:40	LUBRICATION DONE.

926	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	28-01-2021	15 Days	16:40	16:50	LUBRICATION DONE.
927	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	28-01-2021	15 Days	16:50	17:00	LUBRICATION DONE.
928	28-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	28-01-2021	15 Days	17:00	17:10	LUBRICATION DONE.
929	25-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	25-01-2021	15 Days	14:30	14:45	LUBRICATION WORK DONE.
930	25-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	25-01-2021	15 Days	14:45	15:05	LUBRICATION WORK DONE.
931	25-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	25-01-2021	15 Days	15:10	15:30	LUBRICATION WORK DONE.
932	23-01-2021	C1A	HEAD END	MECHANICAL	MOTOR-4	BASE BOLT TIGHTNESS,	23-01-2021	90 Days	14:40	15:00	Base bolt tightness checking work done completed and its found ok.
933	23-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#2	LUBRICATION,	23-01-2021	30 Days	14:50	15:10	Lubrication work done.
934	23-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#12	LUBRICATION,	23-01-2021	30 Days	15:30	15:55	Lubrication work done.
935	22-01-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	22-01-2021	15 Days	12:20	12:30	GREASING DONE.
936	22-01-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	22-01-2021	15 Days	12:30	12:40	GREASING DONE.
937	22-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	22-01-2021	15 Days	11:50	12:10	DRIVE ASSEMBLY-1, VIBRATION CHECKING BY ACME PERSON: GEAR BOX-1: 2.3 MM/S MOTOR-1: 2.6 MM/S
938	22-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	22-01-2021	15 Days	12:20	12:30	DRIVE ASSEMBLY-3, VIBRATION CHECKING BY ACME PERSON: GEAR BOX-3: 2.4 MM/S MOTOR-3: 3.6 MM/S
939	22-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	22-01-2021	15 Days	12:35	12:50	DRIVE ASSEMBLY-4, VIBRATION CHECKING BY ACME PERSON: GEAR BOX-4: 3.0 MM/S MOTOR-4: 2.4 MM/S
940	19-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	19-01-2021	15 Days	14:30	14:50	Lubrication work done.
941	19-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	19-01-2021	15 Days	14:55	15:20	LUBRICATION WORK DONE.
942	19-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	19-01-2021	15 Days	16:20	16:50	LUBRICATION WORK DONE.
943	15-01-2021	C1A	HEAD END	MECHANICAL	MOTOR-1	BASE BOLT TIGHTNESS,	15-01-2021	90 Days	14:30	14:40	TIGHTNESS CHECKING DONE.
944	15-01-2021	C1A	HEAD END	MECHANICAL	MOTOR-2	BASE BOLT TIGHTNESS,	15-01-2021	90 Days	14:40	14:50	TIGHTNESS CHECKING DONE.
945	15-01-2021	C1A	HEAD END	MECHANICAL	MOTOR-3	BASE BOLT TIGHTNESS,	15-01-2021	90 Days	14:50	15:00	TIGHTNESS CHECKING DONE.
946	15-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG TOP	LUBRICATION,	15-01-2021	15 Days	15:20	15:30	GREASING DONE.
947	15-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	BASE BOLT TIGHTNESS,	15-01-2021	15 Days	15:30	15:40	TIGHTNESS CHECKING DONE.
948	14-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG RIGHT	LUBRICATION,	14-01-2021	15 Days	12:40	12:50	GREASING DONE.
949	14-01-2021	C1A	HEAD END	MECHANICAL	C1A-HEAD PULLEY	LUBRICATION,	14-01-2021	15 Days	01:00	01:10	GREASING DONE.
950	13-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#2	LUBRICATION,	13-01-2021	15 Days	18:30	18:50	LUBRICATION WORK DONE.
951	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	12-01-2021	15 Days	11:00	11:15	LUBRICATION WORK DONE.
952	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	12-01-2021	15 Days	10:30	10:45	LUBRICATION WORK DONE.
953	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-T-1 BEND PULLEY (BACK END OF G/B-3&4)	LUBRICATION,	12-01-2021	15 Days	14:50	15:10	LUBRICATION WORK DONE.
954	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE PULLEY#1	LUBRICATION,	12-01-2021	15 Days	15:25	15:45	LUBRICATION WORK DONE.
955	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 180 DEG BOTTOM	LUBRICATION,	12-01-2021	15 Days	16:00	16:15	LUBRICATION WORK DONE.
956	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY(TAIL END SIDE)	LUBRICATION,	12-01-2021	15 Days	16:45	17:00	LUBRICATION WORK DONE.
957	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 45 DEG	LUBRICATION,	12-01-2021	15 Days	16:45	17:00	LUBRICATION WORK DONE.

958	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 90 DEG LEFT	LUBRICATION,	12-01-2021	15 Days	17:15	17:30	LUBRICATION WORK DONE.
959	12-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-SNUB PULLEY	LUBRICATION,	12-01-2021	15 Days	17:50	18:15	LUBRICATION WORK DONE.
960	11-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#2	VIBRATION CHECKING,	11-01-2021	15 Days	11:30	11:40	DRIVE assembly-2 vibration checked by ACME PERSON. GEAR BOX-2= 3.3 MM/S MOTOR-2= 4.1 MM/S
961	10-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG TOP	LUBRICATION,	10-01-2021	15 Days	00:00	24:00:00	Lubricated by Auto lubrication systems.
962	10-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 0 DEG BOTTOM	LUBRICATION,	10-01-2021	15 Days	00:00	24:00:00	Lubricated by Auto lubrication systems.
963	10-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TURN OVER PULLEY AT 135 DEG	LUBRICATION,	10-01-2021	15 Days	00:00	24:00:00	Lubricated by Auto lubrication systems.
964	07-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	LUBRICATION ,	07-01-2021	30 Days	14:30	14:40	lubrication done.
965	07-01-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (BOTTOM SIDE IN GALLERY)	LUBRICATION,	07-01-2021	15 Days	14:40	14:50	lubrication done.
966	07-01-2021	C1A	HEAD END	MECHANICAL	T-2 BEND PULLEY (TOP SIDE IN GALLERY)	LUBRICATION,	07-01-2021	15 Days	14:50	15:00	lubrication done.
967	06-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#1	VIBRATION CHECKING,	06-01-2021	15 Days	11:15	11:25	DRIVE assembly-1 vibration checked by ACME PERSON. GEAR BOX-1= 2.5 MM/S MOTOR-1= 2.3 MM/S
968	06-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#3	VIBRATION CHECKING,	06-01-2021	15 Days	11:50	12:00	DRIVE assembly-3 vibration checked by ACME PERSON. GEAR BOX-3= 3.1 MM/S MOTOR-3= 3.3 MM/S
969	06-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE ASSEMBLY#4	VIBRATION CHECKING,	06-01-2021	15 Days	12:05	12:15	DRIVE assembly-4 vibration checked by ACME PERSON. GEAR BOX-4= 1.5 MM/S MOTOR-4= 2.7 MM/S
970	04-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-TAKE UP FIXED PULLEY (DRIVE END SIDE)	LUBRICATION,	04-01-2021	15 Days	14:30	14:50	LUBRICATION WORK DONE.
971	04-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (DRIVE END SIDE)	LUBRICATION,	04-01-2021	15 Days	15:00	15:20	LUBRICATION WORK DONE.
972	04-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-PULLEY MOVABLE PULLEY (TAIL END SIDE)	LUBRICATION,	04-01-2021	15 Days	15:20	15:45	LUBRICATION WORK DONE.
973	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#7	LUBRICATION,	01-01-2021	30 Days	14:00	14:10	GREASING DONE.
974	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#4	LUBRICATION,	01-01-2021	30 Days	14:10	14:20	GREASING DONE.
975	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#3	LUBRICATION,	01-01-2021	30 Days	14:20	14:30	GREASING DONE.
976	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	LUBRICATION ,	01-01-2021	30 Days	14:30	14:40	GREASING DONE.
977	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#14	LUBRICATION,	01-01-2021	30 Days	14:40	14:50	GREASING DONE.
978	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	LUBRICATION ,	01-01-2021	30 Days	14:50	15:00	GREASING DONE.
979	01-01-2021	C1A	HEAD END	MECHANICAL	SHEAVE PULLEY-13	LUBRICATION,	01-01-2021	30 Days	15:00	15:10	GREASING DONE.
980	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	LUBRICATION,	01-01-2021	30 Days	15:10	15:20	GREASING DONE.
981	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#11	LUBRICATION,	01-01-2021	30 Days	15:20	15:30	GREASING DONE.
982	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-SHEAVE PULLEY#10	LUBRICATION,	01-01-2021	30 Days	15:30	15:40	GREASING DONE.
983	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 2 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-01-2021	30 Days	15:40	15:50	TIGHTNESS CHECKING DONE.
984	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 1 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-01-2021	30 Days	15:50	16:00	TIGHTNESS CHECKING DONE.
985	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 3 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-01-2021	30 Days	16:00	16:10	TIGHTNESS CHECKING DONE.
986	01-01-2021	C1A	HEAD END	MECHANICAL	C1A-HE-DRIVE 4 HIGH SPEED COUPLING	BOLT TIGHTNESS ,	01-01-2021	30 Days	16:10	16:20	TIGHTNESS CHECKING DONE.
986	26-12-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	26-12-2021	15 Days	00:00	23:59	Lubricated by auto lubrication systems.
986	25-12-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
986	25-12-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.

986	25-12-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
986	25-12-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	25-12-2021	15 Days	00:00	23:59	lubricated by auto lubrication systems.
986	21-12-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-12-2021	15 Days	19:05	19:20	Lubrication done.
986	16-12-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	16-12-2021	15 Days	19:00	19:05	LUBRICATION WORK IS DONE THROUGH AUTO LUBRICATION.
986	16-12-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	16-12-2021	15 Days	19:15	19:20	LUBRICATION WORK IS DONE THROUGH AUTO LUBRICATION.
986	16-12-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	16-12-2021	15 Days	19:40	19:50	LUBRICATION WORK IS DONE THROUGH AUTO LUBRICATION.
986	04-12-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	04-12-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	04-12-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	04-12-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	04-12-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	04-12-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-12-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	29-11-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	29-11-2021	15 Days	14:10	14:20	greasing done.
986	29-11-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	29-11-2021	15 Days	14:20	14:30	greasing done.
986	29-11-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	29-11-2021	15 Days	14:30	14:40	greasing done.
986	18-11-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	18-11-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	18-11-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	18-11-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	18-11-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	18-11-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	17-11-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	17-11-2021	90 Days	14:50	15:00	BOLT TIGHTNESS CHECK WORK COMPLETED.
986	17-11-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	17-11-2021	90 Days	14:35	14:45	BOLT TIGHTNESS CHECK WORK COMPLETED.
986	14-11-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	14-11-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	14-11-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	14-11-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	02-11-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	02-11-2021	15 Days	09:00	09:15	Lubrication work is completed.
986	02-11-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	02-11-2021	15 Days	09:15	09:30	Lubrication work is completed.
986	02-11-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	02-11-2021	15 Days	09:30	09:40	Lubrication work is completed.
986	02-11-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	02-11-2021	15 Days	09:40	09:50	Lubrication work is completed.
986	02-11-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	02-11-2021	15 Days	09:50	10:00	Lubrication work is completed.
986	30-10-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
986	30-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.

986	30-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	30-10-2021	15 Days	00:00	24:00:00	lubrication by auto lubrication systems.
986	19-10-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	19-10-2021	15 Days	15:30	16:00	LUBRICATION WORK COMPLETED
986	19-10-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	19-10-2021	15 Days	14:30	14:40	Lubrication work is completed.
986	19-10-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-10-2021	15 Days	15:40	15:50	Lubrication work is completed.
986	19-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-10-2021	15 Days	15:50	15:55	Lubrication work is completed.
986	19-10-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-10-2021	15 Days	15:55	16:00	Lubrication work is completed.
986	17-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	15:56	16:05	BASE BOLT TIGHTNESS CHECKING WORK DONE.
986	17-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	17-10-2021	90 Days	15:00	15:10	BASE BOLT TIGHTNESS CHECKING WORK DONE.
986	15-10-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	15-10-2021	90 Days	14:25	14:35	BOLT TIGHTNESS CHECK WORK COMPLETED.
986	15-10-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	15-10-2021	90 Days	14:40	14:50	BOLT TIGHTNESS CHECK WORK COMPLETED.
986	15-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	15-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	15-10-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	15-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	15-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	15-10-2021	15 Days	00:00	24:00:00	LUBRICATED BY AUTO LUBRICATION SYSTEM.
986	04-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	04-10-2021	15 Days	11:00	11:15	LUBRICATION WORK COMPLETED
986	04-10-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-10-2021	15 Days	11:30	11:50	LUBRICATION WORK COMPLETED
986	04-10-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	04-10-2021	15 Days	12:00	12:30	LUBRICATION WORK COMPLETED
986	04-10-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-10-2021	15 Days	17:00	17:30	LUBRICATION WORK COMPLETED
986	03-10-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	03-10-2021	15 Days	14:30	14:50	LUBRICATION WORK COMPLETED
986	02-10-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	02-10-2021	90 Days	10:05	10:25	Base bolt tightness checking work done.
986	02-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	02-10-2021	90 Days	10:35	10:55	Base bolt tightness checking work done.
986	02-10-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	02-10-2021	90 Days	14:30	14:50	Base bolt tightness checking work done.
986	29-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	29-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	28-09-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	28-09-2021	15 Days	19:15	19:30	LUBRICATION WORK DONE.
986	28-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	28-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	19-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	19-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	19-09-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-09-2021	15 Days	14:15	14:30	LUBRICATION WORK DONE.
986	19-09-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-09-2021	15 Days	14:30	14:45	LUBRICATION WORK DONE.
986	19-09-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	19-09-2021	15 Days	15:15	15:30	LUBRICATION WORK DONE.
986	18-09-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	18-09-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	16-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	16-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	16-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	13-09-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	13-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.

986	05-09-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	05-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	05-09-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	05-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	05-09-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	05-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	04-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	04-09-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	03-09-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	03-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	02-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	02-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	01-09-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	01-09-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	30-08-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	30-08-2021	15 Days	06:30	06:50	lubrication work done.
986	21-08-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-08-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	21-08-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-08-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	21-08-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	21-08-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	20-08-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	19-08-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	19-08-2021	90 Days	18:10:00	18:20:00	BASE BOLT TIGHTNESS CHECKING DONE.
986	19-08-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	19-08-2021	90 Days	18:20:00	18:30:00	BASE BOLT TIGHTNESS CHECKING DONE.
986	19-08-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	19-08-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	19-08-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	19-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	15-08-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	15-08-2021	15 Days	15:05	15:25	Lubrication work done.
986	06-08-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	06-08-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	06-08-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	06-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	05-08-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	04-08-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	04-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	04-08-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	04-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	04-08-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	04-08-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	31-07-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	31-07-2021	15 Days	15:10	15:30	Lubrication work done completed.
986	22-07-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	22-07-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	22-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	22-07-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	22-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	21-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	20-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	20-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	20-07-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	20-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.

986	20-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	20-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	19-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	19-07-2021	90 Days	15:15:00	15:30:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
986	18-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	18-07-2021	90 Days	18:00:00	18:15:00	BASE BOLT TIGHTNESS CHECKING WORK COMPLETED.
986	15-07-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	15-07-2021	90 Days	15:00	15:15	BASE BOLT TIGHTNESS CHECK WORK COMPLETED.
986	15-07-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	15-07-2021	90 Days	15:20	15:30	BASE BOLT TIGHTNESS CHECK WORK COMPLETED.
986	15-07-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	15-07-2021	15 Days	15:40	16:00	LUBRICATION WORK COMPLETED.
986	08-07-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	08-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	08-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	08-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	08-07-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	08-07-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	08-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	07-07-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	07-07-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	04-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	04-07-2021	90 Days	14:30	14:55	Base bolt tightness checking work done completed.
986	04-07-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	04-07-2021	90 Days	15:05	15:20	Base bolt tightness checking work done completed.
986	03-07-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	03-07-2021	90 Days	15:30	15:55	Base bolt tightness checking work done completed and its found ok.
986	30-06-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	30-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	24-06-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	24-06-2021	15 Days	00:00:00	23:59:59	AUTO LUBRICATION PUMP INSTALLED.
986	21-06-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	21-06-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	20-06-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	20-06-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	20-06-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	20-06-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	20-06-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	20-06-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	20-06-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	20-06-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	20-06-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	20-06-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	15-06-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	15-06-2021	15 Days	10:00	10:15	Lubrication work is completed.
986	06-06-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-06-2021	15 Days	09:40	09:50	* LUBRICATION WORK COMPLETED.
986	05-06-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	05-06-2021	15 Days	00:00	24:00:00	LUBRICATION WORK COMPLETED
986	05-06-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	05-06-2021	15 Days	09:20	09:35	LUBRICATION WORK COMPLETED.
986	05-06-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	05-06-2021	15 Days	10:00	10:15	* LUBRICATION WORK COMPLETED.
986	05-06-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	05-06-2021	15 Days	10:10	10:25	LUBRICATION WORK COMPLETED.
986	05-06-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	05-06-2021	15 Days	10:30	10:50	* LUBRICATION WORK COMPLETED.
986	05-06-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	05-06-2021	15 Days	11:00	11:15	* LUBRICATION WORK COMPLETED.

986	30-05-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	30-05-2021	15 Days	12:20	12:40	LUBRICATION WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	21-05-2021	90 Days	14:00	14:20	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	21-05-2021	90 Days	14:20	14:40	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	21-05-2021	15 Days	14:40	15:00	LUBRICATION WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-05-2021	15 Days	15:00	15:20	LUBRICATION WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	21-05-2021	15 Days	15:20	15:40	LUBRICATION WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-05-2021	15 Days	15:40	16:00	LUBRICATION WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	21-05-2021	15 Days	16:00	16:20	LUBRICATION WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	21-05-2021	15 Days	16:20	16:40	LUBRICATION WORK IS DONE.
986	21-05-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-05-2021	15 Days	16:40	17:00	LUBRICATION WORK IS DONE.
986	15-05-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	15-05-2021	15 Days	12:30	12:45	LUBRICATION WORK DONE.
986	13-05-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	13-05-2021	90 Days	15:10	15:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
986	03-05-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	03-05-2021	15 Days	09:15	09:30	LUBRICATION WORK DONE.
986	03-05-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	03-05-2021	15 Days	09:50	10:05	LUBRICATION WORK DONE.
986	03-05-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	03-05-2021	15 Days	11:45	12:00	LUBRICATION WORK DONE.
986	03-05-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	03-05-2021	15 Days	12:45	13:00	LUBRICATION WORK DONE.
986	03-05-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	03-05-2021	15 Days	14:30	14:45	Lubrication work is completed.
986	03-05-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	03-05-2021	15 Days	14:45	15:00	Lubrication work is completed.
986	03-05-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	03-05-2021	15 Days	15:00	15:10	Lubrication work is completed.
986	24-04-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	24-04-2021	15 Days	15:30	15:50	Lubrication work done.
986	22-04-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	22-04-2021	90 Days	16:00	16:20	TIGHTNESS CHECKING DONE.
986	18-04-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	18-04-2021	15 Days	14:30	14:45	Lubrication work is completed.
986	18-04-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	18-04-2021	15 Days	14:45	15:00	Lubrication work is completed.
986	15-04-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	15-04-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	15-04-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	15-04-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	15-04-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	15-04-2021	15 Days	14:10	14:20	LUBRICATION DONE.
986	15-04-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	15-04-2021	15 Days	14:20	14:30	LUBRICATION DONE.
986	15-04-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	15-04-2021	90 Days	14:30	14:40	TIGHTNESS CHECHING.
986	15-04-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	15-04-2021	90 Days	14:40	14:50	TIGHTNESS CHECKING
986	09-04-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	09-04-2021	15 Days	14:30	14:40	GREASING DONE.
986	05-04-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	05-04-2021	90 Days	14:30	14:55	Base bolt tightness checking work done completed.

986	05-04-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	05-04-2021	15 Days	14:00	14:30	LUBRICATION WORK DONE
986	05-04-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	05-04-2021	15 Days	14:30	15:00	LUBRICATION WORK COMPLETED
986	05-04-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	05-04-2021	90 Days	11:00	11:20	Base bolt tightness checking work completed & found ok.
986	04-04-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	04-04-2021	90 Days	15:05	15:15	Base bolt tightness checking work done completed.
986	31-03-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	31-03-2021	15 Days	18:55	19:10	GREASING DONE.
986	31-03-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	31-03-2021	15 Days	19:10	19:20	GREASING DONE.
986	29-03-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	29-03-2021	15 Days	14:30	14:50	LUBRICATION WORK DONE.
986	29-03-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	29-03-2021	15 Days	16:30	16:50	LUBRICATION WORK DONE.
986	29-03-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	29-03-2021	15 Days	16:45	17:10	LUBRICATION WORK DONE.
986	25-03-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	25-03-2021	15 Days	08:10	08:20	GREASING DONE.
986	21-03-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	21-03-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	21-03-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	21-03-2021	15 Days	00:00	24:00:00	lubricated by auto lubrication systems.
986	16-03-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	16-03-2021	15 Days	12:40	13:00	LUBRICATION WORK DONE.
986	16-03-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	16-03-2021	15 Days	13:00	13:25	LUBRICATION WORK DONE.
986	15-03-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	15-03-2021	15 Days	13:30	13:45	LUBRICATION WORK DONE.
986	15-03-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	15-03-2021	15 Days	14:30	14:50	LUBRICATION WORK DONE.
986	15-03-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	15-03-2021	15 Days	15:30	15:50	LUBRICATION WORK DONE.
986	09-03-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	09-03-2021	15 Days	09:30	09:50	LUBRICATION WORK DONE.
986	09-03-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	09-03-2021	15 Days	10:10	10:30	LUBRICATION WORK DONE.
986	06-03-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	06-03-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	06-03-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	06-03-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	28-02-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	28-02-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	28-02-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	28-02-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	28-02-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	28-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	22-02-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	BASE BOLT TIGHTNESS,	22-02-2021	90 Days	15:40	15:50	TIGHTNESS CHECK WORK COMPLETED.
986	21-02-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	21-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	19-02-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	19-02-2021	15 Days	01:40	01:50	greasing done.
986	19-02-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-02-2021	15 Days	01:50	02:00	greasing done.
986	17-02-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	17-02-2021	90 Days	12:30	12:40	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.
986	16-02-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	BASE BOLT TIGHTNESS,	16-02-2021	90 Days	12:40	12:50	BASE BOLT TIGHTNESS CHECKING WORK IS DONE.

986	13-02-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	13-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	13-02-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	13-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	13-02-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	13-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	13-02-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	13-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	13-02-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	13-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	06-02-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	06-02-2021	15 Days	00:00	24:00:00	Lubricated by auto lubrication systems.
986	04-02-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	04-02-2021	15 Days	14:40	14:50	GREASING DONE.
986	04-02-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-02-2021	15 Days	14:50	15:00	GREASING DONE.
986	28-01-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	28-01-2021	15 Days	14:00	14:10	LUBRICATION DONE.
986	28-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	28-01-2021	15 Days	14:20	14:30	LUBRICATION DONE.
986	28-01-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	28-01-2021	15 Days	14:30	14:40	LUBRICATION DONE.
986	28-01-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	28-01-2021	15 Days	14:40	14:50	LUBRICATION DONE.
986	28-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	28-01-2021	15 Days	14:50	15:00	LUBRICATION DONE.
986	22-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	BASE BOLT TIGHTNESS,	22-01-2021	90 Days	14:10	14:20	TIGHTNESS CHECKING DONE
986	22-01-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	22-01-2021	15 Days	14:20	14:30	GREASING DONE.
986	19-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	19-01-2021	15 Days	15:30	15:45	LUBRICATION WORK DONE.
986	19-01-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	19-01-2021	15 Days	15:45	16:05	LUBRICATION WORK DONE.
986	15-01-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	15-01-2021	90 Days	15:00	15:10	TIGHTNESS CHECKING DONE.
986	15-01-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	BASE BOLT TIGHTNESS,	15-01-2021	90 Days	15:10	15:20	TIGHTNESS CHECKING DONE.
986	14-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG LEFT SIDE	LUBRICATION,	14-01-2021	15 Days	01:10	01:20	GREASING DONE.
986	14-01-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY TOP	LUBRICATION,	14-01-2021	15 Days	13:20	13:30	GREASING DONE.
986	12-01-2021	C1B	TAIL END	MECHANICAL	HEAD END SIDE BEND PULLEY BOTTOM	LUBRICATION,	12-01-2021	15 Days	10:30	10:45	LUBRICATION WORK DONE.
986	12-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	LUBRICATION,	12-01-2021	15 Days	11:20	11:40	LUBRICATION WORK DONE.
986	12-01-2021	C1B	TAIL END	MECHANICAL	TAIL PULLEY	LUBRICATION,	12-01-2021	15 Days	15:10	15:25	LUBRICATION WORK DONE.
986	07-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 135 DEG	BASE BOLT TIGHTNESS,	07-01-2021	90 Days	15:00	15:20	tightness checking done.
986	05-01-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY TOP	LUBRICATION,	05-01-2021	15 Days	14:55	15:10	LUBRICATION WORK DONE.
986	04-01-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	LUBRICATION,	04-01-2021	15 Days	16:20	16:40	LUBRICATION WORK DONE.
986	04-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 45 DEG	BASE BOLT TIGHTNESS,	04-01-2021	90 Days	14:30	14:50	BASE BOLT TIGHTNESS CHECKING WORK DONE.
986	04-01-2021	C1B	TAIL END	MECHANICAL	TAIL END SIDE BEND PULLEY BOTTOM	BASE BOLT TIGHTNESS,	04-01-2021	90 Days	15:00	15:20	BASE BOLT TIGHTNESS CHECKING WORK DONE.
986	04-01-2021	C1B	TAIL END	MECHANICAL	TURN OVER PULLEY AT 90 DEG RIGHT SIDE	LUBRICATION,	04-01-2021	15 Days	15:45	16:05	LUBRICATION WORK DONE.

PM COMPLIANCE REPORT FOR THE YEAR OF -2024

SL NO.	WORK PERMIT NO.	WORK ORDER NO.	DESCRIPTION OF WORK	EXACT LOCATION	EQUIPMENT NO.	SPECIAL PERMI NO.	PA START WORK	PA CLOSE WORK	REMARKS
1	UAIL/LDC/FY22/GWP/890	PM8268	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	31-12-2021 18:18	31-12-2021 21:33	COMPLETED
2	UAIL/LDC/FY22/GWP/889	PM8269	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	31-12-2021 17:56	31-12-2021 21:28	COMPLETED
4	UAIL/LDC/FY22/GWP/886	W/O	EDGE PATCHING WORK OF C1A BELT NO 26284.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/183	31-12-2021 17:25	31-12-2021 21:34	COMPLETED
7	UAIL/LDC/FY22/GWP/881	W/O	CONVEYOR BELT EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/182	30-12-2021 17:38	30-12-2021 21:18	COMPLETED
9	UAIL/LDC/FY22/GWP/878	W/O	BELT NO. 26284 EDGE REPAIRING WORK AT IMJH.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/181	29-12-2021 17:04	29-12-2021 21:01	COMPLETED
12	UAIL/LDC/FY22/GWP/874	PM3102	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM/IJH/MH/CHT/C1A002/CHU01-MONTHLY	C1A HEADEND	CHT-C1A-669-002,	N/R	28-12-2021 10:27	28-12-2021 12:25	COMPLETED
13	UAIL/LDC/FY22/GWP/873	PM2526	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	28-12-2021 10:16	28-12-2021 12:25	COMPLETED
14	UAIL/LDC/FY22/GWP/872	PM2518	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	28-12-2021 10:11	28-12-2021 12:26	COMPLETED
23	UAIL/LDC/FY22/GWP/863	W/O	BEARING PM	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	27-12-2021 09:07	27-12-2021 10:00	COMPLETED
24	UAIL/LDC/FY22/GWP/862	W/O	ROLLER REPLACEMENT	C1B TAILEND	C1B-669-004-TE,	N/R	26-12-2021 19:35	26-12-2021 20:30	COMPLETED
27	UAIL/LDC/FY22/GWP/859	W/O	PM OF HYDROLIC BRKE PAD	C1B TAILEND	HDB-C1B-669-004-BP,	N/R	25-12-2021 20:07	25-12-2021 21:11	COMPLETED
30	UAIL/LDC/FY22/GWP/854	W/O	AREA HOUSEKEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	25-12-2021 16:58	25-12-2021 20:09	COMPLETED
35	UAIL/LDC/FY22/GWP/848	W/O	ROLLER REPLACEMENT	C1B TAILEND	C1B-669-004-TE,	N/R	24-12-2021 17:15	24-12-2021 18:59	COMPLETED
36	UAIL/LDC/FY22/GWP/847	PM2465	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	24-12-2021 17:14	24-12-2021 17:28	COMPLETED
37	UAIL/LDC/FY22/GWP/846	PM2464	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	24-12-2021 16:44	24-12-2021 17:09	COMPLETED
43	UAIL/LDC/FY22/GWP/839	PM2451	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	23-12-2021 11:17	23-12-2021 12:04	COMPLETED
44	UAIL/LDC/FY22/GWP/837	W/O	C1A BELT EDGE PATCHING WORK ,BELT NO-26284	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/176	23-12-2021 09:55	23-12-2021 13:17	COMPLETED
45	UAIL/LDC/FY22/GWP/836	PM2447	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	23-12-2021 09:33	23-12-2021 12:10	COMPLETED
47	UAIL/LDC/FY22/GWP/833	WO3096	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/173	22-12-2021 17:16	22-12-2021 20:33	COMPLETED
52	UAIL/LDC/FY22/GWP/827	PM2444	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	21-12-2021 18:10	21-12-2021 19:58	COMPLETED
53	UAIL/LDC/FY22/GWP/825	PM2424	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	21-12-2021 18:00	21-12-2021 19:58	COMPLETED
54	UAIL/LDC/FY22/GWP/824	WO6274	SKIRT GUARD RUBBER REPLACEMENT	C1B TAILEND	C1B-669-004-TE,	N/R	21-12-2021 17:35	21-12-2021 19:58	COMPLETED
55	UAIL/LDC/FY22/GWP/823	WO3084	C1B HEAD END AREA HOUSEKEEPING REQUIRED	C1A HEADEND	C1B-669-001-HE,	N/R	21-12-2021 17:24	21-12-2021 19:58	COMPLETED
58	UAIL/LDC/FY22/GWP/817	PM2414	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	20-12-2021 17:48	20-12-2021 20:15	COMPLETED
59	UAIL/LDC/FY22/GWP/816	PM2415	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	20-12-2021 17:40	20-12-2021 20:16	COMPLETED
60	UAIL/LDC/FY22/GWP/815	PM2416	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	20-12-2021 17:33	20-12-2021 20:16	COMPLETED
61	UAIL/LDC/FY22/GWP/814	PM2417	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	20-12-2021 17:21	20-12-2021 20:16	COMPLETED
66	UAIL/LDC/FY22/GWP/808	PM2391	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-008-FORTNIGHTLY	C1A HEADEND		N/R	20-12-2021 16:10	20-12-2021 16:40	COMPLETED
67	UAIL/LDC/FY22/GWP/807	PM2390	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-007-FORTNIGHTLY	C1A HEADEND		N/R	20-12-2021 16:07	20-12-2021 16:39	COMPLETED
68	UAIL/LDC/FY22/GWP/806	PM2389	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-005-FORTNIGHTLY(IMJH-GB3)	C1A HEADEND		N/R	20-12-2021 16:04	20-12-2021 16:39	COMPLETED
69	UAIL/LDC/FY22/GWP/805	PM2388	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-004-FORTNIGHTLY	C1A HEADEND		N/R	20-12-2021 16:00	20-12-2021 16:34	COMPLETED
71	UAIL/LDC/FY22/GWP/779	PM2353	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	17-12-2021 17:39	17-12-2021 20:10	COMPLETED
75	UAIL/LDC/FY22/GWP/771	PM2351	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	16-12-2021 16:53	16-12-2021 18:34	COMPLETED
76	UAIL/LDC/FY22/GWP/769	W/O	Replacement of discharge chute liner plate .	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/39	15-12-2021 17:12	15-12-2021 20:54	COMPLETED
83	UAIL/LDC/FY22/GWP/730	W/O	SCRAPER ADJUSTMENT	IMJH	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	11-12-2021 16:40	11-12-2021 17:33	COMPLETED
84	UAIL/LDC/FY22/GWP/729	W/O	SCARPER ADJUSTMENT	IMJH	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	11-12-2021 16:36	11-12-2021 17:35	COMPLETED
85	UAIL/LDC/FY22/GWP/728	W/O	SCRAPER ADJUSTMENT	IMJH	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	11-12-2021 16:29	11-12-2021 17:37	COMPLETED
87	UAIL/LDC/FY22/GWP/722	W/O	C1A-SECONDARY SCRAPER 2 ADJUSTMENT	IMJH	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	10-12-2021 15:01	10-12-2021 16:32	COMPLETED
88	UAIL/LDC/FY22/GWP/721	W/O	C1A HEAD END V-SCRAPER ADJUSTMENT	IMJH	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	10-12-2021 14:46	10-12-2021 16:33	COMPLETED
89	UAIL/LDC/FY22/GWP/719	W/O	HIGH SPEED COUPLING LUBRICATION	IMJH	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	10-12-2021 14:36	10-12-2021 16:33	COMPLETED
90	UAIL/LDC/FY22/GWP/718	W/O	HIGH SPEED COUPPLING LUBRICATION	IMJH	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	10-12-2021 14:28	10-12-2021 15:10	COMPLETED

PM COMPLIANCE REPORT FOR THE YEAR OF -2022

SL NO.	WORK PERMIT NO.	WORK ORDER NO.	DESCRIPTION OF WORK	EXACT LOCATION	EQUIPMENT NO.	SPECIAL PERMI NO.	PA START WORK	PA CLOSE WORK	REMARKS
2	UAIL/LDC/FY23/GWP/3909	W/O	HOUSEKEEPING WORK AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	30-12-2022 23:10	31-12-2022 04:09	COMPLETED
7	UAIL/LDC/FY23/GWP/3903	WO254060	DISCHARGE CHUTE NUT AND BOLT REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/102; UAIL/LDC/FY23/WHP/586	30-12-2022 19:20	31-12-2022 04:09	COMPLETED
8	UAIL/LDC/FY23/GWP/3901	W/O	INSIDE AREA HOUSE KEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	30-12-2022 15:09	30-12-2022 19:19	COMPLETED
9	UAIL/LDC/FY23/GWP/3900	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	30-12-2022 14:59	30-12-2022 21:00	COMPLETED
10	UAIL/LDC/FY23/GWP/3899	WO254059	V SCRAPER BLADE REPLACEMENT WORK AT C1B TAIL PULLEY AREA	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	30-12-2022 15:06	30-12-2022 22:56	COMPLETED
11	UAIL/LDC/FY23/GWP/3898	WO254058	DAMAGED SKIRT RUBBER REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	30-12-2022 14:35	30-12-2022 21:03	COMPLETED
13	UAIL/LDC/FY23/GWP/3896	W/O	safety guard cutting work	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/363	30-12-2022 10:16	30-12-2022 19:11	COMPLETED
14	UAIL/LDC/FY23/GWP/3894	W/O	DEBRIS CHUTE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/362; UAIL/LDC/FY23/WHP/584	30-12-2022 09:53	30-12-2022 19:11	COMPLETED
16	UAIL/LDC/FY23/GWP/3891	PM233360	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-004-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP4,	N/R	29-12-2022 15:09	29-12-2022 17:19	COMPLETED
17	UAIL/LDC/FY23/GWP/3890	PM233359	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-003-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP3,	N/R	29-12-2022 14:54	29-12-2022 17:21	COMPLETED
18	UAIL/LDC/FY23/GWP/3889	PM233357	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-001-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP1,	N/R	29-12-2022 14:40	29-12-2022 17:23	COMPLETED
21	UAIL/LDC/FY23/GWP/3886	WO253951	V- SCRAPER PU BLADE REPLACEMENT WORK AT IMJH	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	29-12-2022 12:33	29-12-2022 13:47	COMPLETED
23	UAIL/LDC/FY23/GWP/3884	PM233368	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-006-FORTNIGHTLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-T2BP1	N/R	29-12-2022 11:41	29-12-2022 12:37	COMPLETED
24	UAIL/LDC/FY23/GWP/3883	W/O	INSIDE BARRICADE HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	29-12-2022 11:37	29-12-2022 13:46	COMPLETED
25	UAIL/LDC/FY23/GWP/3882	W/O	INSIDE BARRICADE HOUSE KEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	29-12-2022 11:38	29-12-2022 13:46	COMPLETED
27	UAIL/LDC/FY23/GWP/3878	WO253949	SKIRT GUARD RUBBER REPLACEMENT WORK AT C1B TAIL END	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	29-12-2022 10:44	29-12-2022 13:46	COMPLETED
29	UAIL/LDC/FY23/GWP/3876	W/O	ROLLER FIT UP WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/360; UAIL/LDC/FY23/WHP/581	29-12-2022 10:05	29-12-2022 15:04	COMPLETED
30	UAIL/LDC/FY23/GWP/3875	PM233369	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	28-12-2022 16:08	28-12-2022 17:45	COMPLETED
32	UAIL/LDC/FY23/GWP/3873	WO253949	SKIRT GUARD RUBBER REPLACEMENT WORK AT C1B TAIL END	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	28-12-2022 15:17	28-12-2022 17:44	COMPLETED
34	UAIL/LDC/FY23/GWP/3870	WO253951	V- SCRAPER PU BLADE REPLACEMENT WORK AT IMJH	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	28-12-2022 14:43	28-12-2022 17:44	COMPLETED
38	UAIL/LDC/FY23/GWP/3865	PM233349	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	27-12-2022 16:45	27-12-2022 17:38	COMPLETED
40	UAIL/LDC/FY23/GWP/3863	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	27-12-2022 16:01	27-12-2022 17:38	COMPLETED
41	UAIL/LDC/FY23/GWP/3862	WO253466	SKIRT GUARD RUBBER REPLACEMENT WORK AT C1B TAIL END	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	27-12-2022 16:02	27-12-2022 17:38	COMPLETED
45	UAIL/LDC/FY23/GWP/3856	W/O	DFDS HEADER INSTALATION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/359; UAIL/LDC/FY23/WHP/577	27-12-2022 14:38	27-12-2022 17:31	COMPLETED
46	UAIL/LDC/FY23/GWP/3855	WO253465	GEAR BOX-3 OIL REPLACEMENT	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	27-12-2022 14:34	27-12-2022 17:38	COMPLETED
48	UAIL/LDC/FY23/GWP/3852	W/O	STAIR CASE MODIFICATION WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/358; UAIL/LDC/FY23/WHP/575	27-12-2022 10:09	27-12-2022 17:32	COMPLETED
50	UAIL/LDC/FY23/GWP/3849	PM233348	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	26-12-2022 15:47	26-12-2022 18:09	COMPLETED
51	UAIL/LDC/FY23/GWP/3848	W/O	WELDING WORK NEAR AB-3 IN DISCHARGE CHUTE AT C1A HEAD END.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/356	26-12-2022 15:39	26-12-2022 18:04	COMPLETED
52	UAIL/LDC/FY23/GWP/3847	W/O	DFDS PIPE LINE FIT-UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/355; UAIL/LDC/FY23/WHP/573	26-12-2022 15:16	26-12-2022 18:05	COMPLETED
54	UAIL/LDC/FY23/GWP/3845	W/O	HOUSEKEEPING WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	26-12-2022 15:03	26-12-2022 18:05	COMPLETED
56	UAIL/LDC/FY23/GWP/3843	WO249112	GEAR BOX-1 OIL REPLACEMENT WORK.	C1A HEADEND	BC-C1A-669-002-GB1,	UAIL/LDC/FY23/WHP/571	26-12-2022 14:53	26-12-2022 18:06	COMPLETED
59	UAIL/LDC/FY23/GWP/3839	W/O	STAIRCASE MODIFICATION & PLATFORM EXTENSION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/352; UAIL/LDC/FY23/WHP/569	26-12-2022 09:23	26-12-2022 16:30	COMPLETED
60	UAIL/LDC/FY23/GWP/3838	W/O	STAIRCASE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/351; UAIL/LDC/FY23/WHP/568	25-12-2022 09:27	25-12-2022 17:30	COMPLETED
61	UAIL/LDC/FY23/GWP/3837	PM233332	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	24-12-2022 17:00	24-12-2022 17:37	COMPLETED
62	UAIL/LDC/FY23/GWP/3836	PM233343	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	24-12-2022 17:00	24-12-2022 17:37	COMPLETED
63	UAIL/LDC/FY23/GWP/3835	PM233339	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-HALF YEARLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	24-12-2022 17:00	24-12-2022 17:37	COMPLETED
68	UAIL/LDC/FY23/GWP/3826	WO253356	GEAR BOX 3 OIL REPLACEMENT WORK AT IMJH	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	24-12-2022 14:38	24-12-2022 17:57	COMPLETED
69	UAIL/LDC/FY23/GWP/3825	W/O	DFDS BOX & PIPE FIT UP WORK.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/350; UAIL/LDC/FY23/WHP/567	24-12-2022 14:22	24-12-2022 17:37	COMPLETED
70	UAIL/LDC/FY23/GWP/3824	W/O	STAIRCASE MODIFICATION WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/349; UAIL/LDC/FY23/WHP/566	24-12-2022 09:46	24-12-2022 14:06	COMPLETED
71	UAIL/LDC/FY23/GWP/3823	WO253321	GEAR OIL REPLACEMENT WORK FOR GEAR BOX-1 AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	23-12-2022 15:12	23-12-2022 18:39	COMPLETED

73	UAIL/LDC/FY23/GWP/3820	PM233287	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BP-PS-S24-PD-001-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-BP,	N/R	23-12-2022 15:05	23-12-2022 17:01	COMPLETED
74	UAIL/LDC/FY23/GWP/3819	WO253322	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/348	23-12-2022 14:54	23-12-2022 18:39	COMPLETED
75	UAIL/LDC/FY23/GWP/3818	W/O	PIPE LINE FITUP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/347; UAIL/LDC/FY23/WHP/565	23-12-2022 14:39	23-12-2022 17:47	COMPLETED
76	UAIL/LDC/FY23/GWP/3816	W/O	VALVE REPLACEMENT WORK .	C1A HEADEND	N/R	N/R	23-12-2022 11:19	23-12-2022 17:47	COMPLETED
77	UAIL/LDC/FY23/GWP/3815	W/O	PIPE LINE FITUP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/346; UAIL/LDC/FY23/WHP/564	23-12-2022 10:16	23-12-2022 17:48	COMPLETED
78	UAIL/LDC/FY23/GWP/3814	W/O	PLATFORM EXTENSION WORK AND STAIRCASE MODIFICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/345; UAIL/LDC/FY23/WHP/563	23-12-2022 09:18	23-12-2022 17:48	COMPLETED
79	UAIL/LDC/FY23/GWP/3813	W/O	PIPE LINE FITUP WORK AT C1A HEADEND AREA.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	22-12-2022 16:28	22-12-2022 17:50	COMPLETED
85	UAIL/LDC/FY23/GWP/3805	W/O	INSIDE AREA HOUSEKEEPING WORK AT C1B TAILEND AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	22-12-2022 14:55	22-12-2022 17:21	COMPLETED
86	UAIL/LDC/FY23/GWP/3804	PM233317	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-002-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS3	N/R	22-12-2022 14:58	22-12-2022 17:16	COMPLETED
87	UAIL/LDC/FY23/GWP/3803	W/O	INSIDE AREA HOUSEKEEPING WORK AT C1A HEADEND AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	22-12-2022 14:48	22-12-2022 17:21	COMPLETED
88	UAIL/LDC/FY23/GWP/3802	PM233312	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	22-12-2022 14:39	22-12-2022 16:08	COMPLETED
89	UAIL/LDC/FY23/GWP/3800	W/O	DFDS BOX & PIPE LINE FIT UP WORK.	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY23/HWP/344; UAIL/LDC/FY23/WHP/562	22-12-2022 14:23	22-12-2022 17:16	COMPLETED
90	UAIL/LDC/FY23/GWP/3799	W/O	STAIRCASE MODIFICATION & PLATFORM EXTENSION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/343; UAIL/LDC/FY23/WHP/561	22-12-2022 09:11	22-12-2022 16:30	COMPLETED
91	UAIL/LDC/FY23/GWP/3798	W/O	SCREW COMP-2 OIL REPLACEMENT	C1A HEADEND	DFS-C1B-669-004-AC2,	N/R	21-12-2022 15:18	21-12-2022 17:59	COMPLETED
92	UAIL/LDC/FY23/GWP/3797	PM233307	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	21-12-2022 15:18	21-12-2022 18:00	COMPLETED
94	UAIL/LDC/FY23/GWP/3795	PM233304	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	21-12-2022 15:19	21-12-2022 18:00	COMPLETED
96	UAIL/LDC/FY23/GWP/3793	W/O	C1A HEAD END INSIDE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	21-12-2022 14:56	21-12-2022 17:59	COMPLETED
98	UAIL/LDC/FY23/GWP/3791	WO248902	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/342	21-12-2022 14:47	21-12-2022 18:01	COMPLETED
101	UAIL/LDC/FY23/GWP/3785	PM233269	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	20-12-2022 17:18	20-12-2022 17:56	COMPLETED
102	UAIL/LDC/FY23/GWP/3784	PM233278	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	20-12-2022 17:08	20-12-2022 17:56	COMPLETED
103	UAIL/LDC/FY23/GWP/3783	PM233286	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	20-12-2022 17:08	20-12-2022 17:56	COMPLETED
104	UAIL/LDC/FY23/GWP/3782	PM233285	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	20-12-2022 16:52	20-12-2022 17:56	COMPLETED
105	UAIL/LDC/FY23/GWP/3781	PM233284	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	20-12-2022 16:52	20-12-2022 17:56	COMPLETED
106	UAIL/LDC/FY23/GWP/3780	PM233283	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	20-12-2022 16:42	20-12-2022 17:15	COMPLETED
107	UAIL/LDC/FY23/GWP/3779	PM233282	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	20-12-2022 16:36	20-12-2022 17:06	COMPLETED
108	UAIL/LDC/FY23/GWP/3778	PM233281	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	20-12-2022 16:36	20-12-2022 17:06	COMPLETED
111	UAIL/LDC/FY23/GWP/3775	WO248862	LINER PLATE REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1B TAIL END	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/98; UAIL/LDC/FY23/WHP/559	20-12-2022 15:12	20-12-2022 18:24	COMPLETED
119	UAIL/LDC/FY23/GWP/3765	W/O	IN SIDE HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE	N/R	19-12-2022 15:02	19-12-2022 17:42	COMPLETED
120	UAIL/LDC/FY23/GWP/3764	W/O	INSIDE AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	19-12-2022 14:56	19-12-2022 17:11	COMPLETED
121	UAIL/LDC/FY23/GWP/3762	WO249744	ROPE LUBRICATION WORK	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	19-12-2022 14:47	19-12-2022 17:42	COMPLETED
122	UAIL/LDC/FY23/GWP/3761	WO249745	PRIMERY SCRAPPER REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/WHP/558	19-12-2022 14:39	19-12-2022 17:42	COMPLETED
123	UAIL/LDC/FY23/GWP/3760	W/O	DFDS BOX FIT UP & PIPE LINE FIT UP WORK	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY23/HWP/339; UAIL/LDC/FY23/WHP/557	19-12-2022 14:26	19-12-2022 17:20	COMPLETED
125	UAIL/LDC/FY23/GWP/3757	W/O	STAIRCASE MODIFICATION & PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/337; UAIL/LDC/FY23/WHP/556	19-12-2022 09:34	19-12-2022 16:26	COMPLETED
126	UAIL/LDC/FY23/GWP/3755	PM233272	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	18-12-2022 17:18	18-12-2022 17:54	COMPLETED
127	UAIL/LDC/FY23/GWP/3754	PM233271	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	18-12-2022 17:18	18-12-2022 17:54	COMPLETED
128	UAIL/LDC/FY23/GWP/3753	PM233270	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	18-12-2022 17:18	18-12-2022 17:54	COMPLETED
129	UAIL/LDC/FY23/GWP/3752	PM233267	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	18-12-2022 17:18	18-12-2022 17:54	COMPLETED
130	UAIL/LDC/FY23/GWP/3751	PM233265	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	18-12-2022 17:18	18-12-2022 17:54	COMPLETED
131	UAIL/LDC/FY23/GWP/3750	W/O	INSIDE SAFETY GUARD HOUSEKEEPING WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	18-12-2022 16:18	18-12-2022 17:04	COMPLETED
133	UAIL/LDC/FY23/GWP/3747	PM233268	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	18-12-2022 14:47	18-12-2022 17:58	COMPLETED
134	UAIL/LDC/FY23/GWP/3746	WO248788	DISCHARGE CHUTE LINER PLATE REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/97; UAIL/LDC/FY23/WHP/555	18-12-2022 14:33	18-12-2022 17:58	COMPLETED
135	UAIL/LDC/FY23/GWP/3745	W/O	PIPELINE FITUP WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/336; UAIL/LDC/FY23/WHP/554	18-12-2022 14:38	18-12-2022 17:27	COMPLETED

137	UAIL/LDC/FY23/GWP/3743	PM233255	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	17-12-2022 16:56	17-12-2022 17:41	COMPLETED
140	UAIL/LDC/FY23/GWP/3740	PM233246	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-003-GB2,GB2-C1A-669-003-LSC-2	N/R	17-12-2022 15:31	17-12-2022 17:43	COMPLETED
141	UAIL/LDC/FY23/GWP/3739	PM233251	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	17-12-2022 15:20	17-12-2022 17:43	COMPLETED
143	UAIL/LDC/FY23/GWP/3737	PM233250	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	17-12-2022 15:13	17-12-2022 17:44	COMPLETED
144	UAIL/LDC/FY23/GWP/3735	W/O	AREA HOUSE KEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	17-12-2022 14:59	17-12-2022 17:44	COMPLETED
145	UAIL/LDC/FY23/GWP/3732	PM233249	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	17-12-2022 14:48	17-12-2022 17:43	COMPLETED
147	UAIL/LDC/FY23/GWP/3729	W/O	STARECASE MODIFICATION & PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/334; UAIL/LDC/FY23/WHP/551	17-12-2022 09:38	17-12-2022 17:29	COMPLETED
148	UAIL/LDC/FY23/GWP/3727	PM233233	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	16-12-2022 17:18	16-12-2022 17:46	COMPLETED
152	UAIL/LDC/FY23/GWP/3723	WO249663	DAMAGED SKIRT RUBBER REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	16-12-2022 15:31	16-12-2022 17:07	COMPLETED
153	UAIL/LDC/FY23/GWP/3722	W/O	PIPE LINE FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/333	16-12-2022 15:14	16-12-2022 17:46	COMPLETED
155	UAIL/LDC/FY23/GWP/3720	WO248731	DISCHARGE CHUTE MISSING NUT AND BOLT REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/93; UAIL/LDC/FY23/WHP/550	16-12-2022 15:04	16-12-2022 17:07	COMPLETED
156	UAIL/LDC/FY23/GWP/3719	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	16-12-2022 14:44	16-12-2022 17:21	COMPLETED
160	UAIL/LDC/FY23/GWP/3712	WO248731	DISCHARGE CHUTE MISSING NUT AND BOLT REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/92; UAIL/LDC/FY23/WHP/549	15-12-2022 15:03	15-12-2022 17:29	COMPLETED
161	UAIL/LDC/FY23/GWP/3711	W/O	AREA HOUSE KEEPING WORK AT C1A HEAD END AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	15-12-2022 14:50	15-12-2022 16:27	COMPLETED
163	UAIL/LDC/FY23/GWP/3708	W/O	PIPE LINE FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/332; UAIL/LDC/FY23/WHP/547	15-12-2022 09:41	15-12-2022 17:45	COMPLETED
164	UAIL/LDC/FY23/GWP/3707	W/O	STAIRCASE MODIFICATION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/331; UAIL/LDC/FY23/WHP/546	15-12-2022 09:32	15-12-2022 17:44	COMPLETED
167	UAIL/LDC/FY23/GWP/3704	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	14-12-2022 15:26	14-12-2022 17:42	COMPLETED
168	UAIL/LDC/FY23/GWP/3703	PM233198	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/91; UAIL/LDC/FY23/WHP/545	14-12-2022 15:11	14-12-2022 17:42	COMPLETED
170	UAIL/LDC/FY23/GWP/3693	PM233170	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	13-12-2022 16:07	13-12-2022 17:40	COMPLETED
172	UAIL/LDC/FY23/GWP/3690	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	13-12-2022 15:41	13-12-2022 17:42	COMPLETED
173	UAIL/LDC/FY23/GWP/3688	PM233186	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	13-12-2022 15:28	13-12-2022 17:33	COMPLETED
176	UAIL/LDC/FY23/GWP/3684	WO248332	LINER PLATE REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/89; UAIL/LDC/FY23/WHP/542	13-12-2022 14:53	13-12-2022 17:45	COMPLETED
179	UAIL/LDC/FY23/GWP/3680	W/O	PIPELINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/329; UAIL/LDC/FY23/WHP/540	13-12-2022 09:37	13-12-2022 17:15	COMPLETED
180	UAIL/LDC/FY23/GWP/3674	PM233121	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºT	N/R	12-12-2022 16:34	12-12-2022 17:32	COMPLETED
181	UAIL/LDC/FY23/GWP/3673	PM233028	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	12-12-2022 16:22	12-12-2022 17:33	COMPLETED
182	UAIL/LDC/FY23/GWP/3672	PM233004	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,WNCH-C1A-669-002-GB	N/R	12-12-2022 16:14	12-12-2022 17:33	COMPLETED
183	UAIL/LDC/FY23/GWP/3671	PM233162	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	12-12-2022 16:04	12-12-2022 17:33	COMPLETED
187	UAIL/LDC/FY23/GWP/3667	WO248289	SKIRT GUARD RUBBER REPLACEMENT WORK AT C1B TAIL END .	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	12-12-2022 14:54	12-12-2022 17:33	COMPLETED
190	UAIL/LDC/FY23/GWP/3657	W/O	STAIRCASE MODIFICATION & PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/328; UAIL/LDC/FY23/WHP/538	12-12-2022 09:28	12-12-2022 16:25	COMPLETED
191	UAIL/LDC/FY23/GWP/3652	W/O	STAIRCASE MODIFICATION .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/327; UAIL/LDC/FY23/WHP/537	11-12-2022 09:48	11-12-2022 17:08	COMPLETED
193	UAIL/LDC/FY23/GWP/3650	W/O	DFDS NOZZLE REPLACEMENT WORK	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	10-12-2022 16:00	10-12-2022 17:20	COMPLETED
198	UAIL/LDC/FY23/GWP/3643	W/O	DICHARGE CHUTE MOTHER PLATE WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/326	10-12-2022 15:10	10-12-2022 16:19	COMPLETED
199	UAIL/LDC/FY23/GWP/3642	PM233039	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	10-12-2022 15:17	10-12-2022 17:21	COMPLETED
200	UAIL/LDC/FY23/GWP/3641	PM233035	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	10-12-2022 15:17	10-12-2022 17:22	COMPLETED
201	UAIL/LDC/FY23/GWP/3640	PM233017	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	10-12-2022 15:17	10-12-2022 17:22	COMPLETED
202	UAIL/LDC/FY23/GWP/3639	PM233151	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	10-12-2022 15:17	10-12-2022 17:22	COMPLETED
203	UAIL/LDC/FY23/GWP/3636	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	10-12-2022 14:51	10-12-2022 17:21	COMPLETED
210	UAIL/LDC/FY23/GWP/3625	WO248236	ROLLER REPLACEMENT WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	09-12-2022 15:02	09-12-2022 16:40	COMPLETED
211	UAIL/LDC/FY23/GWP/3624	WO248236	ROLLER REPLACEMENT WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	09-12-2022 14:59	09-12-2022 15:02	COMPLETED
212	UAIL/LDC/FY23/GWP/3623	WO244881	BREAK MAINTENANCE WORK.	C1B TAIL END	HDB-C1B-669-004-HPU,	N/R	09-12-2022 14:54	09-12-2022 17:18	COMPLETED
215	UAIL/LDC/FY23/GWP/3620	WO248236	ROLLER REPLACEMENT WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	09-12-2022 14:47	09-12-2022 16:25	COMPLETED
216	UAIL/LDC/FY23/GWP/3618	PM233096	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	08-12-2022 15:11	08-12-2022 15:43	COMPLETED

217	UAIL/LDC/FY23/GWP/3617	PM233094	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	08-12-2022 15:05	08-12-2022 15:43	COMPLETED
218	UAIL/LDC/FY23/GWP/3614	PM233095	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	08-12-2022 13:06	08-12-2022 13:47	COMPLETED
219	UAIL/LDC/FY23/GWP/3613	PM233093	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	08-12-2022 12:49	08-12-2022 13:45	COMPLETED
221	UAIL/LDC/FY23/GWP/3610	PM233090	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	08-12-2022 12:38	08-12-2022 13:42	COMPLETED
225	UAIL/LDC/FY23/GWP/3603	W/O	STAIRCASE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/323; UAIL/LDC/FY23/WHP/533	08-12-2022 09:11	08-12-2022 13:25	COMPLETED
231	UAIL/LDC/FY23/GWP/3597	PM227510	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	07-12-2022 15:31	07-12-2022 16:23	COMPLETED
232	UAIL/LDC/FY23/GWP/3596	PM233110	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	07-12-2022 15:31	07-12-2022 16:23	COMPLETED
237	UAIL/LDC/FY23/GWP/3591	PM233104	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/88; UAIL/LDC/FY23/WHP/532	07-12-2022 15:05	07-12-2022 16:44	COMPLETED
238	UAIL/LDC/FY23/GWP/3590	WO244816	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	N/R	07-12-2022 14:42	07-12-2022 18:12	COMPLETED
240	UAIL/LDC/FY23/GWP/3581	PM227513	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	06-12-2022 17:03	06-12-2022 17:42	COMPLETED
242	UAIL/LDC/FY23/GWP/3579	PM227434	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-BP,	N/R	06-12-2022 16:25	06-12-2022 17:37	COMPLETED
243	UAIL/LDC/FY23/GWP/3578	PM227419	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-DISC,	N/R	06-12-2022 16:26	06-12-2022 17:38	COMPLETED
244	UAIL/LDC/FY23/GWP/3577	PM227215	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	06-12-2022 16:26	06-12-2022 17:38	COMPLETED
249	UAIL/LDC/FY23/GWP/3571	W/O	IN SIDE HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	06-12-2022 15:19	06-12-2022 17:38	COMPLETED
250	UAIL/LDC/FY23/GWP/3570	PM227185	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	06-12-2022 15:19	06-12-2022 16:07	COMPLETED
251	UAIL/LDC/FY23/GWP/3569	PM227184	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	06-12-2022 15:19	06-12-2022 16:07	COMPLETED
254	UAIL/LDC/FY23/GWP/3566	WO244788	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/320	06-12-2022 14:42	06-12-2022 18:13	COMPLETED
255	UAIL/LDC/FY23/GWP/3564	W/O	MATERIAL DISMETALING WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/319; UAIL/LDC/FY23/WHP/531	06-12-2022 10:40	06-12-2022 17:27	COMPLETED
256	UAIL/LDC/FY23/GWP/3562	W/O	STAIRCASE MODIFICATION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/318; UAIL/LDC/FY23/WHP/529	06-12-2022 09:24	06-12-2022 17:27	COMPLETED
261	UAIL/LDC/FY23/GWP/3557	PM233055	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	05-12-2022 15:55	05-12-2022 17:31	COMPLETED
262	UAIL/LDC/FY23/GWP/3555	PM233058	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	05-12-2022 15:49	05-12-2022 17:42	COMPLETED
263	UAIL/LDC/FY23/GWP/3554	PM233088	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	05-12-2022 15:54	05-12-2022 17:30	COMPLETED
264	UAIL/LDC/FY23/GWP/3553	PM233087	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	05-12-2022 15:33	05-12-2022 17:30	COMPLETED
265	UAIL/LDC/FY23/GWP/3549	WO244760	C1A BELT NO-26284 EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/316	05-12-2022 14:56	05-12-2022 18:14	COMPLETED
268	UAIL/LDC/FY23/GWP/3546	W/O	STAIRCASE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/313; UAIL/LDC/FY23/WHP/527	05-12-2022 09:20	05-12-2022 17:14	COMPLETED
270	UAIL/LDC/FY23/GWP/3544	PM233073	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	04-12-2022 16:49	04-12-2022 17:33	COMPLETED
271	UAIL/LDC/FY23/GWP/3543	PM233072	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	04-12-2022 16:49	04-12-2022 17:33	COMPLETED
272	UAIL/LDC/FY23/GWP/3542	PM233071	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	04-12-2022 16:49	04-12-2022 17:33	COMPLETED
273	UAIL/LDC/FY23/GWP/3541	PM233069	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	04-12-2022 16:49	04-12-2022 17:34	COMPLETED
274	UAIL/LDC/FY23/GWP/3540	PM233067	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	04-12-2022 15:40	04-12-2022 16:23	COMPLETED
276	UAIL/LDC/FY23/GWP/3538	PM233065	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	04-12-2022 15:45	04-12-2022 16:00	COMPLETED
277	UAIL/LDC/FY23/GWP/3537	PM233064	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	04-12-2022 16:02	04-12-2022 16:24	COMPLETED
278	UAIL/LDC/FY23/GWP/3536	W/O	INSIDE AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	04-12-2022 15:21	04-12-2022 17:39	COMPLETED
281	UAIL/LDC/FY23/GWP/3533	PM227521	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/86; UAIL/LDC/FY23/WHP/526	04-12-2022 15:14	04-12-2022 17:34	COMPLETED
283	UAIL/LDC/FY23/GWP/3531	W/O	EQUPMEANTS LUBRICATION WORK.	C1A HEADEND	BC-C1A-669-002,	N/R	04-12-2022 14:59	04-12-2022 15:44	COMPLETED
286	UAIL/LDC/FY23/GWP/3527	W/O	PIPELINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/312; UAIL/LDC/FY23/WHP/525	04-12-2022 09:52	04-12-2022 17:07	COMPLETED
287	UAIL/LDC/FY23/GWP/3526	W/O	PLATFORM EXTENSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/311; UAIL/LDC/FY23/WHP/524	04-12-2022 09:42	04-12-2022 17:07	COMPLETED
291	UAIL/LDC/FY23/GWP/3522	PM233059	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	03-12-2022 15:36	03-12-2022 17:25	COMPLETED
292	UAIL/LDC/FY23/GWP/3521	PM233060	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	03-12-2022 15:36	03-12-2022 17:25	COMPLETED
293	UAIL/LDC/FY23/GWP/3520	PM233061	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	03-12-2022 15:37	03-12-2022 17:26	COMPLETED
295	UAIL/LDC/FY23/GWP/3518	PM233053	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	03-12-2022 14:52	03-12-2022 17:26	COMPLETED
296	UAIL/LDC/FY23/GWP/3517	WO246999	C1A BELT NO. 26284 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/310	03-12-2022 14:50	03-12-2022 18:02	COMPLETED

298	UAIL/LDC/FY23/GWP/3514	W/O	STAIRCASE MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/308; UAIL/LDC/FY23/WHP/522	03-12-2022 09:08	03-12-2022 17:12	COMPLETED
300	UAIL/LDC/FY23/GWP/3512	PM227214	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	02-12-2022 16:18	02-12-2022 16:52	COMPLETED
307	UAIL/LDC/FY23/GWP/3502	WO246977	GUIDE ROLLER REPLACEMENT WORK AT	C1B TAILEND	C1B-669-004-TE,	N/R	02-12-2022 14:43	02-12-2022 16:16	COMPLETED
308	UAIL/LDC/FY23/GWP/3501	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	02-12-2022 14:47	02-12-2022 16:52	COMPLETED
309	UAIL/LDC/FY23/GWP/3499	W/O	STAIRCASE MODIFICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/307; UAIL/LDC/FY23/WHP/520	02-12-2022 09:56	02-12-2022 17:34	COMPLETED
311	UAIL/LDC/FY23/GWP/3497	W/O	GUIDE ROLLER REPLACEMENT WORK AT C1B TAIL END	C1B TAIL END	C1B-669-001-HE,	N/R	01-12-2022 14:07	01-12-2022 14:16	COMPLETED
316	UAIL/LDC/FY23/GWP/3491	W/O	GEAR BOX-4 HIGH SPEED COUPLING PM WORK.	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	30-11-2022 13:07	30-11-2022 14:18	COMPLETED
317	UAIL/LDC/FY23/GWP/3488	W/O	GEAR BOX-1 HIGH SPEED COUPLING PM WORK.	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	30-11-2022 10:27	30-11-2022 11:49	COMPLETED
323	UAIL/LDC/FY23/GWP/3480	W/O	C1B TAIL END HOUSE KEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	29-11-2022 15:24	29-11-2022 17:50	COMPLETED
325	UAIL/LDC/FY23/GWP/3478	W/O	HOUSE KEEING WORK AT C1A HEAD END AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	29-11-2022 16:10	29-11-2022 17:59	COMPLETED
326	UAIL/LDC/FY23/GWP/3477	PM227503	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-YEARLY	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	29-11-2022 15:05	29-11-2022 17:56	COMPLETED
327	UAIL/LDC/FY23/GWP/3476	WO233305	BELT NO-26284 EDGE REPAIRING WORK AT C1A.	C1A HEADEND	BC-C1B-669-001,	UAIL/LDC/FY23/HWP/300	29-11-2022 14:56	29-11-2022 17:54	COMPLETED
331	UAIL/LDC/FY23/GWP/3468	W/O	STAIRCASE MODIFICATION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/298; UAIL/LDC/FY23/WHP/505	29-11-2022 09:03	29-11-2022 17:07	COMPLETED
332	UAIL/LDC/FY23/GWP/3467	PM227488	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC2,	N/R	28-11-2022 16:22	28-11-2022 17:18	COMPLETED
333	UAIL/LDC/FY23/GWP/3466	PM227487	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC1,	N/R	28-11-2022 16:23	28-11-2022 17:18	COMPLETED
334	UAIL/LDC/FY23/GWP/3465	W/O	C1B TAILEND HOUSE KEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	28-11-2022 15:43	28-11-2022 17:27	COMPLETED
335	UAIL/LDC/FY23/GWP/3464	WO237431	MOTOR-2 ENCODER ALIGMENT WORK AT IMJH.	C1A HEADEND	BCC1A-669-002-M2,	N/R	28-11-2022 15:28	28-11-2022 17:19	COMPLETED
336	UAIL/LDC/FY23/GWP/3463	PM227498	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	28-11-2022 15:28	28-11-2022 16:08	COMPLETED
341	UAIL/LDC/FY23/GWP/3456	WO232897	REPLACEMENT OF HEADER AND NOZZLE OF DRY FOG SYSTEM.	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	28-11-2022 12:03	28-11-2022 13:05	COMPLETED
343	UAIL/LDC/FY23/GWP/3453	W/O	STAIRCASE MODIFIACTION WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/296; UAIL/LDC/FY23/WHP/503	28-11-2022 09:04	28-11-2022 17:31	COMPLETED
344	UAIL/LDC/FY23/GWP/3452	PM227459	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	27-11-2022 17:12	27-11-2022 17:57	COMPLETED
350	UAIL/LDC/FY23/GWP/3446	PM227105	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	27-11-2022 16:13	27-11-2022 17:27	COMPLETED
351	UAIL/LDC/FY23/GWP/3445	PM227104	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	27-11-2022 16:13	27-11-2022 17:27	COMPLETED
352	UAIL/LDC/FY23/GWP/3444	PM227040	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	27-11-2022 16:13	27-11-2022 17:27	COMPLETED
353	UAIL/LDC/FY23/GWP/3443	PM227479	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	27-11-2022 16:13	27-11-2022 17:27	COMPLETED
363	UAIL/LDC/FY23/GWP/3433	PM227454	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/84; UAIL/LDC/FY23/WHP/502	27-11-2022 14:45	27-11-2022 17:47	COMPLETED
364	UAIL/LDC/FY23/GWP/3432	W/O	STAIRCASE MODIFICATION .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/295; UAIL/LDC/FY23/WHP/501	27-11-2022 09:22	28-11-2022 15:08	COMPLETED
365	UAIL/LDC/FY23/GWP/3431	PM227473	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	26-11-2022 16:59	26-11-2022 18:01	COMPLETED
366	UAIL/LDC/FY23/GWP/3430	PM227370	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	26-11-2022 16:59	26-11-2022 18:01	COMPLETED
367	UAIL/LDC/FY23/GWP/3429	PM227369	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	26-11-2022 16:59	26-11-2022 18:02	COMPLETED
368	UAIL/LDC/FY23/GWP/3428	PM227352	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	26-11-2022 16:59	26-11-2022 18:02	COMPLETED
369	UAIL/LDC/FY23/GWP/3427	PM227246	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	26-11-2022 17:00	26-11-2022 18:02	COMPLETED
370	UAIL/LDC/FY23/GWP/3426	WO232922	LINNER PLATE NUT BOLT REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/83; UAIL/LDC/FY23/HWP/294; UAIL/LDC/FY23/WHP/500	26-11-2022 15:30	26-11-2022 18:02	COMPLETED
372	UAIL/LDC/FY23/GWP/3423	WO232921	C1A BELT NO-26240 EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/293	26-11-2022 14:17	26-11-2022 18:14	COMPLETED
374	UAIL/LDC/FY23/GWP/3421	W/O	STAIRCASE MODIFICATION WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/291; UAIL/LDC/FY23/WHP/497	26-11-2022 09:18	26-11-2022 17:55	COMPLETED
376	UAIL/LDC/FY23/GWP/3419	W/O	PLATFORM EXTENSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/290	25-11-2022 13:47	25-11-2022 17:14	COMPLETED
378	UAIL/LDC/FY23/GWP/3416	W/O	HANDRAILLING & POST CUTTING WORK NEAR VGTU C1A H.E	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/288	25-11-2022 09:36	25-11-2022 13:41	COMPLETED
379	UAIL/LDC/FY23/GWP/3415	PM227368	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	25-11-2022 09:25	25-11-2022 10:43	COMPLETED
380	UAIL/LDC/FY23/GWP/3414	PM227367	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	25-11-2022 09:13	25-11-2022 10:43	COMPLETED
382	UAIL/LDC/FY23/GWP/3411	PM227366	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	25-11-2022 09:03	25-11-2022 10:42	COMPLETED
383	UAIL/LDC/FY23/GWP/3410	PM227365	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	25-11-2022 08:47	25-11-2022 09:14	COMPLETED
385	UAIL/LDC/FY23/GWP/3408	W/O	INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	25-11-2022 08:26	25-11-2022 10:42	COMPLETED

386	UAIL/LDC/FY23/GWP/3407	PM227113	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	24-11-2022 17:35	24-11-2022 18:01	COMPLETED
387	UAIL/LDC/FY23/GWP/3406	PM227112	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	24-11-2022 17:36	24-11-2022 18:01	COMPLETED
388	UAIL/LDC/FY23/GWP/3405	PM227111	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	24-11-2022 17:36	24-11-2022 18:01	COMPLETED
389	UAIL/LDC/FY23/GWP/3404	PM227078	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	24-11-2022 17:37	24-11-2022 18:01	COMPLETED
390	UAIL/LDC/FY23/GWP/3403	PM227077	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	24-11-2022 17:35	24-11-2022 17:58	COMPLETED
394	UAIL/LDC/FY23/GWP/3399	WO233734	TURN OVER 135 DEG.PULLY (BOTTOM) PM WORK AT C1B TAIL END AREA.	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-135º	N/R	24-11-2022 16:06	24-11-2022 16:52	COMPLETED
396	UAIL/LDC/FY23/GWP/3397	W/O	DISCHARGE CHUTE MOTHER PLATE WELDING WORK	C1A HEAD END	N/R	UAIL/LDC/FY23/HWP/286	24-11-2022 15:45	24-11-2022 17:59	COMPLETED
398	UAIL/LDC/FY23/GWP/3395	W/O	INSIDE BARRICADE HOUSE KEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	24-11-2022 15:22	24-11-2022 17:59	COMPLETED
399	UAIL/LDC/FY23/GWP/3393	WO233683	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/285	24-11-2022 15:15	24-11-2022 18:30	COMPLETED
400	UAIL/LDC/FY23/GWP/3392	WO233735	MOTOR-3 ENCODER ALINGMENT WORK AT IJH	C1A HEADEND	BCC1A-669-002-M3,	N/R	24-11-2022 15:18	24-11-2022 17:59	COMPLETED
404	UAIL/LDC/FY23/GWP/3386	PM227351	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	23-11-2022 16:44	23-11-2022 17:46	COMPLETED
405	UAIL/LDC/FY23/GWP/3385	PM227350	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	23-11-2022 16:44	23-11-2022 17:46	COMPLETED
406	UAIL/LDC/FY23/GWP/3384	PM227349	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	23-11-2022 16:44	23-11-2022 17:46	COMPLETED
407	UAIL/LDC/FY23/GWP/3383	PM227348	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	23-11-2022 16:44	23-11-2022 17:47	COMPLETED
408	UAIL/LDC/FY23/GWP/3382	PM227346	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	23-11-2022 16:45	23-11-2022 17:47	COMPLETED
415	UAIL/LDC/FY23/GWP/3375	PM227444	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	23-11-2022 15:01	23-11-2022 16:23	COMPLETED
416	UAIL/LDC/FY23/GWP/3374	PM227443	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	23-11-2022 15:01	23-11-2022 16:23	COMPLETED
417	UAIL/LDC/FY23/GWP/3373	PM227442	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	23-11-2022 15:01	23-11-2022 16:23	COMPLETED
418	UAIL/LDC/FY23/GWP/3372	PM227441	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	23-11-2022 15:02	23-11-2022 16:24	COMPLETED
424	UAIL/LDC/FY23/GWP/3366	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/282	22-11-2022 15:58	22-11-2022 17:32	COMPLETED
428	UAIL/LDC/FY23/GWP/3362	PM227325	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS2	N/R	22-11-2022 15:45	22-11-2022 16:22	COMPLETED
429	UAIL/LDC/FY23/GWP/3361	PM227329	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	22-11-2022 15:45	22-11-2022 16:22	COMPLETED
430	UAIL/LDC/FY23/GWP/3360	W/O	INSIDE AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	22-11-2022 15:25	22-11-2022 17:16	COMPLETED
434	UAIL/LDC/FY23/GWP/3354	WO233659	C1A BELT EDGE REPAIRING WORK AT IMJH.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/281	22-11-2022 14:50	22-11-2022 18:21	COMPLETED
435	UAIL/LDC/FY23/GWP/3353	W/O	PLATFORM EXTENSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/280	22-11-2022 10:00	22-11-2022 17:32	COMPLETED
437	UAIL/LDC/FY23/GWP/3350	PM227391	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	21-11-2022 16:26	21-11-2022 17:22	COMPLETED
438	UAIL/LDC/FY23/GWP/3349	PM227390	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	21-11-2022 16:26	21-11-2022 17:22	COMPLETED
439	UAIL/LDC/FY23/GWP/3348	W/O	HOUSEKEEPING WORK.	C1B TAIL END	C1B-669-004-TE,	N/R	21-11-2022 16:19	21-11-2022 17:22	COMPLETED
440	UAIL/LDC/FY23/GWP/3347	PM227389	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	21-11-2022 16:26	21-11-2022 17:22	COMPLETED
441	UAIL/LDC/FY23/GWP/3346	PM227388	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	21-11-2022 16:28	21-11-2022 17:22	COMPLETED
442	UAIL/LDC/FY23/GWP/3342	PM227387	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	21-11-2022 15:25	21-11-2022 16:34	COMPLETED
443	UAIL/LDC/FY23/GWP/3341	PM227386	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	21-11-2022 15:26	21-11-2022 16:34	COMPLETED
444	UAIL/LDC/FY23/GWP/3340	PM227385	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	21-11-2022 15:26	21-11-2022 16:35	COMPLETED
445	UAIL/LDC/FY23/GWP/3339	PM227384	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	21-11-2022 15:26	21-11-2022 16:35	COMPLETED
446	UAIL/LDC/FY23/GWP/3338	PM227384	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	C1A-669-002-HE,	N/R	21-11-2022 15:13	21-11-2022 16:07	COMPLETED
447	UAIL/LDC/FY23/GWP/3337	PM227414	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	21-11-2022 15:08	21-11-2022 16:07	COMPLETED
449	UAIL/LDC/FY23/GWP/3335	WO231464	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV7,	UAIL/LDC/FY23/WHP/492	21-11-2022 14:54	21-11-2022 16:03	COMPLETED
452	UAIL/LDC/FY23/GWP/3331	W/O	WATER PIPELINE FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/277; UAIL/LDC/FY23/WHP/490	21-11-2022 09:21	22-11-2022 17:18	COMPLETED
453	UAIL/LDC/FY23/GWP/3330	PM227383	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	20-11-2022 16:33	20-11-2022 17:27	COMPLETED
454	UAIL/LDC/FY23/GWP/3329	PM227382	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	20-11-2022 16:34	20-11-2022 17:27	COMPLETED
455	UAIL/LDC/FY23/GWP/3328	PM227381	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	20-11-2022 16:34	20-11-2022 17:27	COMPLETED
456	UAIL/LDC/FY23/GWP/3327	PM227363	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	20-11-2022 16:10	20-11-2022 17:08	COMPLETED

457	UAIL/LDC/FY23/GWP/3325	PM227362	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	20-11-2022 16:10	20-11-2022 17:07	COMPLETED
458	UAIL/LDC/FY23/GWP/3322	PM227361	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	20-11-2022 15:29	20-11-2022 16:18	COMPLETED
459	UAIL/LDC/FY23/GWP/3321	PM227360	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	20-11-2022 15:22	20-11-2022 16:18	COMPLETED
460	UAIL/LDC/FY23/GWP/3320	PM227359	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	20-11-2022 15:22	20-11-2022 16:18	COMPLETED
461	UAIL/LDC/FY23/GWP/3317	PM227358	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	20-11-2022 15:23	20-11-2022 16:09	COMPLETED
463	UAIL/LDC/FY23/GWP/3315	PM227357	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºT	N/R	20-11-2022 15:23	20-11-2022 16:08	COMPLETED
464	UAIL/LDC/FY23/GWP/3313	WO232733	DISCHARGE CHUTE LINER PLATE REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/82; UAIL/LDC/FY23/WHP/489	20-11-2022 15:04	20-11-2022 17:32	COMPLETED
466	UAIL/LDC/FY23/GWP/3310	WO232732	BELT NO. 26284 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	N/R	20-11-2022 14:43	20-11-2022 18:11	COMPLETED
467	UAIL/LDC/FY23/GWP/3308	W/O	WATER PIPELINE FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/276; UAIL/LDC/FY23/WHP/488	20-11-2022 09:28	20-11-2022 17:24	COMPLETED
470	UAIL/LDC/FY23/GWP/3305	W/O	CHAIN PULLEY BLOCK REMOVING WORK .	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/487	19-11-2022 16:23	19-11-2022 17:58	COMPLETED
471	UAIL/LDC/FY23/GWP/3302	PM227076	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	19-11-2022 15:39	19-11-2022 16:21	COMPLETED
472	UAIL/LDC/FY23/GWP/3301	PM227073	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	19-11-2022 15:40	19-11-2022 17:33	COMPLETED
473	UAIL/LDC/FY23/GWP/3300	PM227071	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	19-11-2022 15:40	19-11-2022 17:34	COMPLETED
474	UAIL/LDC/FY23/GWP/3299	PM227070	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	19-11-2022 15:40	19-11-2022 16:21	COMPLETED
476	UAIL/LDC/FY23/GWP/3296	WO232722	BELT NO. 26284 EDGE REPAIRING WORK	C1A HEADEND	BC-C1A-669-002	UAIL/LDC/FY23/HWP/275	19-11-2022 15:02	19-11-2022 18:07	COMPLETED
477	UAIL/LDC/FY23/GWP/3294	W/O	PIPE LINE FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/274; UAIL/LDC/FY23/WHP/484	19-11-2022 09:13	19-11-2022 17:32	COMPLETED
479	UAIL/LDC/FY23/GWP/3285	W/O	CHANNEL FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/272; UAIL/LDC/FY23/WHP/483	18-11-2022 09:20	18-11-2022 17:35	COMPLETED
480	UAIL/LDC/FY23/GWP/3284	W/O	WATER PIPELINE FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/271; UAIL/LDC/FY23/WHP/482	18-11-2022 09:09	18-11-2022 17:35	COMPLETED
482	UAIL/LDC/FY23/GWP/3281	PM227155	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	17-11-2022 16:56	17-11-2022 17:29	COMPLETED
483	UAIL/LDC/FY23/GWP/3280	PM227154	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	17-11-2022 16:42	17-11-2022 17:29	COMPLETED
484	UAIL/LDC/FY23/GWP/3279	PM227153	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	17-11-2022 16:31	17-11-2022 17:28	COMPLETED
490	UAIL/LDC/FY23/GWP/3273	W/O	C1B TAIL END INSIDE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	17-11-2022 15:41	17-11-2022 16:44	COMPLETED
491	UAIL/LDC/FY23/GWP/3270	PM227304	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/80; UAIL/LDC/FY23/WHP/481	17-11-2022 15:20	17-11-2022 17:07	COMPLETED
494	UAIL/LDC/FY23/GWP/3267	WO232631	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV9,	N/R	17-11-2022 14:55	17-11-2022 15:39	COMPLETED
497	UAIL/LDC/FY23/GWP/3257	W/O	PIPE LINE FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/270; UAIL/LDC/FY23/WHP/479	17-11-2022 09:25	17-11-2022 17:29	COMPLETED
498	UAIL/LDC/FY23/GWP/3256	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/269; UAIL/LDC/FY23/WHP/478	17-11-2022 09:12	17-11-2022 17:29	COMPLETED
501	UAIL/LDC/FY23/GWP/3252	WO232606	ROLLER REPLACEMENT WORK AT C1A HEAD END.	C1A HEADEND	C1A-669-002-HE,	N/R	16-11-2022 15:51	16-11-2022 16:48	COMPLETED
502	UAIL/LDC/FY23/GWP/3243	W/O	PIPE LINE FIT UP WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/267; UAIL/LDC/FY23/WHP/474	15-11-2022 09:49	15-11-2022 17:16	COMPLETED
503	UAIL/LDC/FY23/GWP/3242	W/O	PIPE LINE FIT UP WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/266; UAIL/LDC/FY23/WHP/473	15-11-2022 09:30	15-11-2022 09:36	COMPLETED
504	UAIL/LDC/FY23/GWP/3241	W/O	FLAT ROLLER REPLACEMENT WORK NEAR TROLLEY AREA	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/472	15-11-2022 06:17	15-11-2022 06:26	COMPLETED
512	UAIL/LDC/FY23/GWP/3230	WO230893	ROLLER REPLACEMENT WORK AT C1A, CURVE-3 AREA.	C1A HEADEND	C1A-669-002-CV3,	UAIL/LDC/FY23/WHP/471	14-11-2022 14:38	14-11-2022 16:01	COMPLETED
513	UAIL/LDC/FY23/GWP/3227	WO230891	PRIMARY SCRAPER REPLACEMENT WORK AT IMJH.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	UAIL/LDC/FY23/WHP/470	14-11-2022 14:25	14-11-2022 17:49	COMPLETED
514	UAIL/LDC/FY23/GWP/3224	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/265; UAIL/LDC/FY23/WHP/468	14-11-2022 09:12	14-11-2022 18:09	COMPLETED
518	UAIL/LDC/FY23/GWP/3214	PM227069	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	13-11-2022 15:35	13-11-2022 17:22	COMPLETED
519	UAIL/LDC/FY23/GWP/3213	PM227068	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	13-11-2022 15:35	13-11-2022 17:22	COMPLETED
523	UAIL/LDC/FY23/GWP/3209	PM227060	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	13-11-2022 15:35	13-11-2022 17:22	COMPLETED
525	UAIL/LDC/FY23/GWP/3207	WO232458	LINER PLATE REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/79; UAIL/LDC/FY23/WHP/467	13-11-2022 15:05	13-11-2022 18:05	COMPLETED
528	UAIL/LDC/FY23/GWP/3197	WO230874	C1A BELT NO-26284 EDGE PATCING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/264	13-11-2022 13:50	13-11-2022 18:05	COMPLETED
531	UAIL/LDC/FY23/GWP/3187	W/O	INSIDE BARRICADE AREA HOUSEKEEPING.	C1B TAILEND	C1B-669-004-TE,	N/R	12-11-2022 15:50	12-11-2022 17:54	COMPLETED
539	UAIL/LDC/FY23/GWP/3175	W/O	MOTOR DECOUPLING WORK AT C1A HEAD END AREA.	C1A HEADEND	BCC1A-669-002-M1,	N/R	12-11-2022 15:05	12-11-2022 17:55	COMPLETED
540	UAIL/LDC/FY23/GWP/3169	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/262	12-11-2022 10:35	12-11-2022 17:25	COMPLETED
541	UAIL/LDC/FY23/GWP/3168	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/261; UAIL/LDC/FY23/WHP/464	12-11-2022 08:59	12-11-2022 17:25	COMPLETED

542	UAIL/LDC/FY23/GWP/3163	W/O	PLATFORM EXTINSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/260	11-11-2022 10:06	11-11-2022 17:27	COMPLETED
543	UAIL/LDC/FY23/GWP/3161	W/O	PIPELINE FITUP WORK .	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/259; UAIL/LDC/FY23/WHP/463	11-11-2022 09:12	11-11-2022 10:08	COMPLETED
544	UAIL/LDC/FY23/GWP/3156	PM227192	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	10-11-2022 17:26	10-11-2022 17:49	COMPLETED
547	UAIL/LDC/FY23/GWP/3153	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	10-11-2022 16:45	10-11-2022 17:34	COMPLETED
549	UAIL/LDC/FY23/GWP/3148	PM227163	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/78; UAIL/LDC/FY23/WHP/462	10-11-2022 16:07	10-11-2022 17:13	COMPLETED
553	UAIL/LDC/FY23/GWP/3143	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/258; UAIL/LDC/FY23/WHP/461	10-11-2022 09:02	12-11-2022 16:11	COMPLETED
554	UAIL/LDC/FY23/GWP/3139	W/O	HIGH SPEED COUPLING-4 DE COUPLING WORK	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	09-11-2022 15:51	09-11-2022 17:49	COMPLETED
555	UAIL/LDC/FY23/GWP/3137	W/O	HIGHSPEED COUPLING D- COUPLING WORK	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	09-11-2022 15:44	09-11-2022 17:49	COMPLETED
556	UAIL/LDC/FY23/GWP/3132	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/257; UAIL/LDC/FY23/WHP/460	09-11-2022 09:26	09-11-2022 17:20	COMPLETED
560	UAIL/LDC/FY23/GWP/3128	PM227140	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-135º	N/R	08-11-2022 15:34	08-11-2022 17:14	COMPLETED
562	UAIL/LDC/FY23/GWP/3126	PM227144	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	08-11-2022 15:34	08-11-2022 17:14	COMPLETED
563	UAIL/LDC/FY23/GWP/3125	PM227143	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	08-11-2022 15:34	08-11-2022 17:14	COMPLETED
564	UAIL/LDC/FY23/GWP/3124	PM227142	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	08-11-2022 15:34	08-11-2022 17:15	COMPLETED
565	UAIL/LDC/FY23/GWP/3123	PM227141	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	08-11-2022 15:35	08-11-2022 17:15	COMPLETED
568	UAIL/LDC/FY23/GWP/3119	W/O	PIPELINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/255; UAIL/LDC/FY23/WHP/458	08-11-2022 09:37	08-11-2022 17:32	COMPLETED
569	UAIL/LDC/FY23/GWP/3118	W/O	PIPELINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/254; UAIL/LDC/FY23/WHP/457	08-11-2022 09:19	08-11-2022 17:27	COMPLETED
570	UAIL/LDC/FY23/GWP/3117	W/O	PLATFORM MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/253	08-11-2022 09:05	08-11-2022 17:28	COMPLETED
571	UAIL/LDC/FY23/GWP/3107	PM227128	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	07-11-2022 17:23	07-11-2022 17:51	COMPLETED
574	UAIL/LDC/FY23/GWP/3104	WO231666	2 NO NUT BOLT REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/76; UAIL/LDC/FY23/WHP/456	07-11-2022 17:10	07-11-2022 17:51	COMPLETED
577	UAIL/LDC/FY23/GWP/3101	W/O	HOUSE KEEPING WORK.	C1A HEADEND	C1A-669-002-HE	N/R	07-11-2022 16:43	07-11-2022 16:52	COMPLETED
585	UAIL/LDC/FY23/GWP/3086	W/O	PLATFORM EXTENSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/251	06-11-2022 09:28	06-11-2022 17:26	COMPLETED
586	UAIL/LDC/FY23/GWP/3082	PM227062	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	05-11-2022 12:43	05-11-2022 13:46	COMPLETED
587	UAIL/LDC/FY23/GWP/3081	PM227064	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	05-11-2022 12:43	05-11-2022 13:46	COMPLETED
588	UAIL/LDC/FY23/GWP/3080	PM227065	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	05-11-2022 12:44	05-11-2022 13:46	COMPLETED
590	UAIL/LDC/FY23/GWP/3078	PM227031	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	05-11-2022 12:21	05-11-2022 13:46	COMPLETED
591	UAIL/LDC/FY23/GWP/3077	PM227043	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	05-11-2022 11:48	05-11-2022 13:00	COMPLETED
592	UAIL/LDC/FY23/GWP/3076	PM227041	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	05-11-2022 11:50	05-11-2022 13:00	COMPLETED
593	UAIL/LDC/FY23/GWP/3075	PM227036	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	05-11-2022 11:50	05-11-2022 13:00	COMPLETED
594	UAIL/LDC/FY23/GWP/3074	WO229689	ROLLER REPLACEMENT WORK AT C1B TAIL END	C1B TAIL END	C1B-669-004-TE,	N/R	05-11-2022 10:04	05-11-2022 13:00	COMPLETED
595	UAIL/LDC/FY23/GWP/3073	WO229686	HIGHSPEEP COUPLING REPLACEMENT OF DRIVE 3	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY23/HWP/250; UAIL/LDC/FY23/WHP/455	05-11-2022 09:55	05-11-2022 13:18	COMPLETED
596	UAIL/LDC/FY23/GWP/3072	W/O	INSIDE BARRICADE AREA HOUSEKEEPING.	C1B TAILEND	C1B-669-004-TE,	N/R	05-11-2022 10:09	05-11-2022 13:00	COMPLETED
597	UAIL/LDC/FY23/GWP/3071	W/O	MOTOR-3 HIGH SPEED COUPLING REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY23/WHP/454	05-11-2022 05:12	05-11-2022 10:40	COMPLETED
598	UAIL/LDC/FY23/GWP/3070	W/O	HIGH SPEED COUPLING DE-COUPLED WORK OF GB-3/MOTOR-3	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	UAIL/LDC/FY23/WHP/453	05-11-2022 02:13	05-11-2022 04:56	COMPLETED
599	UAIL/LDC/FY23/GWP/3068	W/O	C1A HEAD END GEAR BOX-3 DECOUPLING WORK	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	04-11-2022 21:13	05-11-2022 00:30	COMPLETED
602	UAIL/LDC/FY23/GWP/3062	W/O	PLATFORM EXTENSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/247	04-11-2022 09:22	04-11-2022 16:58	COMPLETED
603	UAIL/LDC/FY23/GWP/3061	W/O	WATER PIPELINE FITUP WORK .	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/246	04-11-2022 09:09	04-11-2022 16:58	COMPLETED
605	UAIL/LDC/FY23/GWP/3059	PM227034	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	03-11-2022 11:59	03-11-2022 12:19	COMPLETED
606	UAIL/LDC/FY23/GWP/3058	PM227035	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	03-11-2022 11:59	03-11-2022 12:20	COMPLETED
607	UAIL/LDC/FY23/GWP/3057	PM227030	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP3	N/R	03-11-2022 11:40	03-11-2022 12:14	COMPLETED
608	UAIL/LDC/FY23/GWP/3056	PM227029	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	03-11-2022 11:40	03-11-2022 12:14	COMPLETED
609	UAIL/LDC/FY23/GWP/3055	PM227026	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-FORTNIGHTLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	03-11-2022 11:41	03-11-2022 12:14	COMPLETED
610	UAIL/LDC/FY23/GWP/3054	PM227025	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	03-11-2022 11:20	03-11-2022 12:03	COMPLETED

611	UAIL/LDC/FY23/GWP/3053	PM227057	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	03-11-2022 11:21	03-11-2022 12:03	COMPLETED
612	UAIL/LDC/FY23/GWP/3052	PM227055	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	03-11-2022 11:21	03-11-2022 12:02	COMPLETED
613	UAIL/LDC/FY23/GWP/3049	W/O	PIPE LINE FIT UP WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/245	03-11-2022 09:05	03-11-2022 16:47	COMPLETED
614	UAIL/LDC/FY23/GWP/3048	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/244; UAIL/LDC/FY23/WHP/448	03-11-2022 09:05	03-11-2022 16:47	COMPLETED
617	UAIL/LDC/FY23/GWP/3045	PM227016	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	02-11-2022 17:53	02-11-2022 19:30	COMPLETED
630	UAIL/LDC/FY23/GWP/3032	WO228557	ROLLER REPLACEMENT WORK AT C1A CURVE-9 & 1 AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	02-11-2022 15:16	02-11-2022 18:52	COMPLETED
631	UAIL/LDC/FY23/GWP/3030	WO228873	Belt no 26284-edge repairing work at C1A .	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/243	02-11-2022 14:52	02-11-2022 19:25	COMPLETED
634	UAIL/LDC/FY23/GWP/3025	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/242	02-11-2022 09:42	02-11-2022 17:32	COMPLETED
640	UAIL/LDC/FY23/GWP/3018	PM208937	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	01-11-2022 05:35	01-11-2022 05:58	COMPLETED
645	UAIL/LDC/FY23/GWP/3013	WO226727	ZERO DEGREE TOP PULLEY LAGGING WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	UAIL/LDC/FY23/HWP/239; UAIL/LDC/FY23/WHP/443	31-10-2022 23:14	01-11-2022 02:16	COMPLETED
646	UAIL/LDC/FY23/GWP/3011	WO215004	DEFLECTOR LINER PLATE REPLACEMENT WORK IN C1A HEAD END DISCHARGE CHUTE	C1A HEADEND	CHT-C1A-669-002,	N/R	31-10-2022 21:40	01-11-2022 00:50	COMPLETED
649	UAIL/LDC/FY23/GWP/3007	WO222683	135 DEGREE PULLEY BEARING PM WORK	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-135º	N/R	31-10-2022 15:08	31-10-2022 19:40	COMPLETED
650	UAIL/LDC/FY23/GWP/3005	WO215004	DEFLECTOR LINER PLATE REPLACEMENT WORK IN C1A HEAD END DISCHARGE CHUTE	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/75; UAIL/LDC/FY23/WHP/440	31-10-2022 12:40	05-11-2022 13:33	COMPLETED
651	UAIL/LDC/FY23/GWP/3004	WO222684	45 DEGREE PULLEY PM WORK	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-45º	N/R	31-10-2022 10:51	31-10-2022 15:01	COMPLETED
652	UAIL/LDC/FY23/GWP/2999	W/O	C1A HEAD END HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	31-10-2022 09:28	31-10-2022 19:33	COMPLETED
654	UAIL/LDC/FY23/GWP/2997	WO222661	T1 BEND PULLEY BOTTOM LAGGING WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	UAIL/LDC/FY23/HWP/236; UAIL/LDC/FY23/WHP/438	31-10-2022 08:29	31-10-2022 19:37	COMPLETED
658	UAIL/LDC/FY23/GWP/2990	W/O	PLATFORM EXTENSION WORK IN T1 BEND PULLEY BOTTOM AREA FOR PULLEY LAGGING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/234; UAIL/LDC/FY23/WHP/436	30-10-2022 15:45	30-10-2022 17:35	COMPLETED
665	UAIL/LDC/FY23/GWP/2983	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	N/R	30-10-2022 15:07	30-10-2022 15:43	COMPLETED
667	UAIL/LDC/FY23/GWP/2981	W/O	PLATFORM EXTENSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/232	30-10-2022 09:12	30-10-2022 17:27	COMPLETED
669	UAIL/LDC/FY23/GWP/2979	PM208908	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	29-10-2022 15:51	29-10-2022 17:21	COMPLETED
673	UAIL/LDC/FY23/GWP/2975	PM208922	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	29-10-2022 15:34	29-10-2022 17:21	COMPLETED
676	UAIL/LDC/FY23/GWP/2972	W/O	INSIDE BARRICADE AREA HOUSEKEEPING.	C1B TAILEND	C1B-669-004-TE,	N/R	29-10-2022 14:59	29-10-2022 17:20	COMPLETED
677	UAIL/LDC/FY23/GWP/2971	WO222633	MISSING NUT& BOLTS FIT UP WORK IN C1A DISCHARGE CHUTE	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/74; UAIL/LDC/FY23/WHP/434	29-10-2022 14:56	29-10-2022 17:20	COMPLETED
678	UAIL/LDC/FY23/GWP/2970	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/231; UAIL/LDC/FY23/WHP/433	29-10-2022 09:02	29-10-2022 17:37	COMPLETED
679	UAIL/LDC/FY23/GWP/2969	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	28-10-2022 16:44	28-10-2022 17:20	COMPLETED
683	UAIL/LDC/FY23/GWP/2965	PM208914	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	28-10-2022 15:28	28-10-2022 17:14	COMPLETED
686	UAIL/LDC/FY23/GWP/2962	PM208906	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	28-10-2022 15:15	28-10-2022 17:14	COMPLETED
689	UAIL/LDC/FY23/GWP/2959	PM208905	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	28-10-2022 14:49	28-10-2022 17:13	COMPLETED
690	UAIL/LDC/FY23/GWP/2958	W/O	PIPELINE FITUP WORK AT C1B TAILEND .	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/230; UAIL/LDC/FY23/WHP/431	28-10-2022 09:09	28-10-2022 17:23	COMPLETED
698	UAIL/LDC/FY23/GWP/2949	PM208889	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	27-10-2022 15:15	27-10-2022 16:43	COMPLETED
701	UAIL/LDC/FY23/GWP/2945	W/O	INSIDE BARRICADE AREA HOUSE KEEPING.	C1A HEADEND	C1A-669-002-HE,	N/R	27-10-2022 14:59	27-10-2022 16:58	COMPLETED
704	UAIL/LDC/FY23/GWP/2941	W/O	PIPELINE FIT UP WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/228; UAIL/LDC/FY23/WHP/428	27-10-2022 09:05	27-10-2022 17:22	COMPLETED
706	UAIL/LDC/FY23/GWP/2939	PM208886	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	26-10-2022 16:54	26-10-2022 17:44	COMPLETED
708	UAIL/LDC/FY23/GWP/2937	PM208880	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	26-10-2022 16:55	26-10-2022 17:20	COMPLETED
715	UAIL/LDC/FY23/GWP/2930	PM208884	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/73; UAIL/LDC/FY23/WHP/427	26-10-2022 15:05	26-10-2022 17:20	COMPLETED
726	UAIL/LDC/FY23/GWP/2916	PM208872	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	25-10-2022 15:41	25-10-2022 16:31	COMPLETED
731	UAIL/LDC/FY23/GWP/2911	WO216940	ROLLER REPLACEMENT WORK IN C1A CONVEYOR	C1A HEADEND	C1A-669-002-CV2,	UAIL/LDC/FY23/WHP/423	25-10-2022 15:10	25-10-2022 16:58	COMPLETED
734	UAIL/LDC/FY23/GWP/2908	PM208839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	24-10-2022 19:41	24-10-2022 21:09	COMPLETED
735	UAIL/LDC/FY23/GWP/2907	PM208838	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	24-10-2022 19:30	24-10-2022 21:09	COMPLETED
737	UAIL/LDC/FY23/GWP/2905	PM208837	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	24-10-2022 18:55	24-10-2022 19:55	COMPLETED
738	UAIL/LDC/FY23/GWP/2904	PM208016	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	24-10-2022 18:53	24-10-2022 19:18	COMPLETED
739	UAIL/LDC/FY23/GWP/2903	PM208836	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-HALF YEARLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	24-10-2022 18:44	24-10-2022 19:45	COMPLETED

740	UAIL/LDC/FY23/GWP/2902	PM208835	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	24-10-2022 18:38	24-10-2022 19:44	COMPLETED
741	UAIL/LDC/FY23/GWP/2901	PM208834	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-HALF YEARLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	24-10-2022 18:29	24-10-2022 19:21	COMPLETED
743	UAIL/LDC/FY23/GWP/2899	W/O	PIPELINE FIT UP WORK.	C1B TAIL END AREA.	N/R	UAIL/LDC/FY23/HWP/226; UAIL/LDC/FY23/WHP/422	24-10-2022 09:15	24-10-2022 16:47	COMPLETED
745	UAIL/LDC/FY23/GWP/2897	PM208082	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	23-10-2022 16:29	23-10-2022 17:14	COMPLETED
749	UAIL/LDC/FY23/GWP/2893	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	23-10-2022 15:05	23-10-2022 17:33	COMPLETED
751	UAIL/LDC/FY23/GWP/2891	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	23-10-2022 14:54	23-10-2022 17:33	COMPLETED
753	UAIL/LDC/FY23/GWP/2888	W/O	CABLE TRY MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/225; UAIL/LDC/FY23/WHP/420	23-10-2022 09:41	23-10-2022 17:21	COMPLETED
754	UAIL/LDC/FY23/GWP/2887	PM208815	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	22-10-2022 16:48	22-10-2022 17:20	COMPLETED
755	UAIL/LDC/FY23/GWP/2886	PM208814	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	22-10-2022 16:39	22-10-2022 17:10	COMPLETED
756	UAIL/LDC/FY23/GWP/2885	PM208812	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP3	N/R	22-10-2022 16:39	22-10-2022 17:11	COMPLETED
757	UAIL/LDC/FY23/GWP/2884	PM208811	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-HALF YEARLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	22-10-2022 16:39	22-10-2022 17:11	COMPLETED
758	UAIL/LDC/FY23/GWP/2883	PM208810	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-HALF YEARLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	22-10-2022 16:40	22-10-2022 17:11	COMPLETED
759	UAIL/LDC/FY23/GWP/2882	PM208147	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	22-10-2022 16:40	22-10-2022 17:11	COMPLETED
760	UAIL/LDC/FY23/GWP/2881	PM208816	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	22-10-2022 16:16	22-10-2022 16:47	COMPLETED
761	UAIL/LDC/FY23/GWP/2880	PM208817	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	22-10-2022 16:17	22-10-2022 16:48	COMPLETED
762	UAIL/LDC/FY23/GWP/2879	PM208818	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	22-10-2022 16:18	22-10-2022 16:48	COMPLETED
763	UAIL/LDC/FY23/GWP/2878	PM208146	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	22-10-2022 15:52	22-10-2022 16:57	COMPLETED
764	UAIL/LDC/FY23/GWP/2877	PM208159	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	22-10-2022 15:52	22-10-2022 16:58	COMPLETED
766	UAIL/LDC/FY23/GWP/2875	PM208161	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	22-10-2022 15:52	22-10-2022 16:58	COMPLETED
767	UAIL/LDC/FY23/GWP/2874	PM208164	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	22-10-2022 15:28	22-10-2022 16:41	COMPLETED
768	UAIL/LDC/FY23/GWP/2873	PM208166	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	22-10-2022 15:28	22-10-2022 16:58	COMPLETED
769	UAIL/LDC/FY23/GWP/2872	PM208167	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	22-10-2022 15:28	22-10-2022 16:59	COMPLETED
771	UAIL/LDC/FY23/GWP/2870	W/O	HOUSEKEEPING WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	22-10-2022 15:07	22-10-2022 17:16	COMPLETED
774	UAIL/LDC/FY23/GWP/2867	W/O	HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	22-10-2022 14:56	22-10-2022 17:16	COMPLETED
776	UAIL/LDC/FY23/GWP/2865	PM208165	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	22-10-2022 14:49	22-10-2022 15:53	COMPLETED
777	UAIL/LDC/FY23/GWP/2864	PM208140	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	22-10-2022 14:50	22-10-2022 15:53	COMPLETED
778	UAIL/LDC/FY23/GWP/2863	PM208136	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	22-10-2022 14:50	22-10-2022 15:54	COMPLETED
779	UAIL/LDC/FY23/GWP/2862	PM208123	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	22-10-2022 14:51	22-10-2022 15:54	COMPLETED
780	UAIL/LDC/FY23/GWP/2861	PM208100	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	22-10-2022 14:51	22-10-2022 15:54	COMPLETED
782	UAIL/LDC/FY23/GWP/2859	W/O	CABLE TRAY FIT UP WORK.	C1A HEAD END	N/R	UAIL/LDC/FY23/HWP/223; UAIL/LDC/FY23/WHP/419	22-10-2022 09:38	22-10-2022 17:10	COMPLETED
783	UAIL/LDC/FY23/GWP/2858	PM208065	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	21-10-2022 17:57	21-10-2022 18:35	COMPLETED
787	UAIL/LDC/FY23/GWP/2854	PM208063	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	21-10-2022 16:47	21-10-2022 18:03	COMPLETED
788	UAIL/LDC/FY23/GWP/2853	PM208047	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	21-10-2022 15:56	21-10-2022 18:01	COMPLETED
789	UAIL/LDC/FY23/GWP/2852	PM208046	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	21-10-2022 15:57	21-10-2022 17:59	COMPLETED
790	UAIL/LDC/FY23/GWP/2849	PM208013	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	21-10-2022 15:26	21-10-2022 17:38	COMPLETED
791	UAIL/LDC/FY23/GWP/2846	W/O	DISCHARGE CHUTE INSPECTION DOOR MODIFICATION WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/71; UAIL/LDC/FY23/WHP/418	21-10-2022 14:48	21-10-2022 17:39	COMPLETED
793	UAIL/LDC/FY23/GWP/2839	PM207999	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	21-10-2022 13:56	21-10-2022 14:39	COMPLETED
794	UAIL/LDC/FY23/GWP/2838	PM207995	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	21-10-2022 13:49	21-10-2022 14:39	COMPLETED
797	UAIL/LDC/FY23/GWP/2834	WO213668	ROLLR REPLACEMENT WORK AT C1A CURVE 1 AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	21-10-2022 12:54	21-10-2022 17:30	COMPLETED
798	UAIL/LDC/FY23/GWP/2833	WO214662	C1A CONVEYOR BELT EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/222	21-10-2022 12:50	21-10-2022 17:33	COMPLETED
800	UAIL/LDC/FY23/GWP/2828	W/O	DISCHARGE CHUTE DOOR MODICATION WORK.	C1A HEAD END	N/R	UAIL/LDC/FY23/HWP/220	20-10-2022 09:16	20-10-2022 17:15	COMPLETED
804	UAIL/LDC/FY23/GWP/2823	PM208059	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-002-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPT1	N/R	18-10-2022 15:42	18-10-2022 16:14	COMPLETED

806	UAIL/LDC/FY23/GWP/2820	W/O	HOUSE KEEPING WORK AT C1A HEAD END AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	18-10-2022 15:00	18-10-2022 16:22	COMPLETED
809	UAIL/LDC/FY23/GWP/2817	W/O	DISCHARGE CHUTE INSPECTION DOOR MODIFICATION WORK .	C1A HEADEND	CHT-C1A-669-002,	N/R	18-10-2022 14:47	18-10-2022 16:24	COMPLETED
810	UAIL/LDC/FY23/GWP/2816	PM208049	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	18-10-2022 14:44	18-10-2022 15:28	COMPLETED
811	UAIL/LDC/FY23/GWP/2815	PM208048	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	18-10-2022 14:24	18-10-2022 15:28	COMPLETED
812	UAIL/LDC/FY23/GWP/2812	W/O	DISCHARGE CHUTE DOOR MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/219	18-10-2022 09:16	18-10-2022 16:56	COMPLETED
814	UAIL/LDC/FY23/GWP/2810	PM208082	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	17-10-2022 17:45	17-10-2022 18:03	COMPLETED
815	UAIL/LDC/FY23/GWP/2808	PM208081	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	17-10-2022 17:30	17-10-2022 17:42	COMPLETED
816	UAIL/LDC/FY23/GWP/2806	PM208080	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	17-10-2022 17:16	17-10-2022 17:42	COMPLETED
817	UAIL/LDC/FY23/GWP/2805	PM208079	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	17-10-2022 17:09	17-10-2022 17:42	COMPLETED
818	UAIL/LDC/FY23/GWP/2802	PM208078	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	17-10-2022 16:40	17-10-2022 17:42	COMPLETED
819	UAIL/LDC/FY23/GWP/2801	PM208076	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	17-10-2022 16:33	17-10-2022 17:43	COMPLETED
820	UAIL/LDC/FY23/GWP/2800	PM208075	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-10-2022 16:27	17-10-2022 17:41	COMPLETED
821	UAIL/LDC/FY23/GWP/2798	PM208077	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	17-10-2022 16:21	17-10-2022 17:41	COMPLETED
822	UAIL/LDC/FY23/GWP/2797	PM208066	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	17-10-2022 16:03	17-10-2022 17:41	COMPLETED
825	UAIL/LDC/FY23/GWP/2790	W/O	DISCHARGE CHUTE DOOR MODIFICATION WORK.	C1A HEAD END	N/R	UAIL/LDC/FY23/HWP/218	17-10-2022 08:57	18-10-2022 09:11	COMPLETED
826	UAIL/LDC/FY23/GWP/2789	W/O	C1A DISCHARGE CHUTE INSPECTION DOOR MODIFICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/217	16-10-2022 09:34	16-10-2022 17:05	COMPLETED
832	UAIL/LDC/FY23/GWP/2778	WO209616	DISCHARGE CHUTE DOOR CUTTING WORK FOR DEFLECTOR LINER REPLACEMENT WORK PURPOSE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/HWP/216	15-10-2022 15:15	15-10-2022 16:58	COMPLETED
833	UAIL/LDC/FY23/GWP/2775	W/O	GEAR BOX 1 VERTICAL COOLING FAN REPLACEMENT WORK .	C1A HEADEND	BCC1A-669-002-M1-CF2,	UAIL/LDC/FY23/WHP/414	15-10-2022 14:25	15-10-2022 16:59	COMPLETED
835	UAIL/LDC/FY23/GWP/2758	PM192659	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	14-10-2022 17:27	14-10-2022 17:58	COMPLETED
836	UAIL/LDC/FY23/GWP/2757	PM192647	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	14-10-2022 17:14	14-10-2022 17:52	COMPLETED
837	UAIL/LDC/FY23/GWP/2756	PM192646	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	14-10-2022 17:15	14-10-2022 17:52	COMPLETED
838	UAIL/LDC/FY23/GWP/2755	PM192645	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	14-10-2022 17:15	14-10-2022 17:52	COMPLETED
839	UAIL/LDC/FY23/GWP/2754	PM192644	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	14-10-2022 17:15	14-10-2022 17:52	COMPLETED
840	UAIL/LDC/FY23/GWP/2753	PM192641	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	14-10-2022 17:16	14-10-2022 17:52	COMPLETED
841	UAIL/LDC/FY23/GWP/2752	PM192637	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	14-10-2022 16:35	14-10-2022 17:33	COMPLETED
842	UAIL/LDC/FY23/GWP/2750	PM192636	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	14-10-2022 16:36	14-10-2022 17:33	COMPLETED
843	UAIL/LDC/FY23/GWP/2749	PM192605	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	14-10-2022 16:36	14-10-2022 17:33	COMPLETED
844	UAIL/LDC/FY23/GWP/2747	PM192604	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	14-10-2022 16:36	14-10-2022 17:33	COMPLETED
847	UAIL/LDC/FY23/GWP/2742	W/O	HANDRAILING MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/214	14-10-2022 09:34	14-10-2022 17:37	COMPLETED
849	UAIL/LDC/FY23/GWP/2734	PM192603	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	13-10-2022 10:33	13-10-2022 10:54	COMPLETED
850	UAIL/LDC/FY23/GWP/2733	PM192602	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	13-10-2022 10:16	13-10-2022 10:49	COMPLETED
851	UAIL/LDC/FY23/GWP/2730	W/O	Air receiver tank fit up work	IMJH	N/R	UAIL/LDC/FY23/HWP/213; UAIL/LDC/FY23/WHP/410	13-10-2022 09:42	13-10-2022 17:35	COMPLETED
854	UAIL/LDC/FY23/GWP/2727	W/O	HOUSE KEEPING WORK AT C1A HEAD END AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	13-10-2022 09:06	13-10-2022 10:43	COMPLETED
856	UAIL/LDC/FY23/GWP/2725	PM192598	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	12-10-2022 12:26	12-10-2022 13:27	COMPLETED
858	UAIL/LDC/FY23/GWP/2723	PM192596	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	12-10-2022 11:26	12-10-2022 13:28	COMPLETED
859	UAIL/LDC/FY23/GWP/2722	PM192573	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	12-10-2022 11:16	12-10-2022 12:28	COMPLETED
860	UAIL/LDC/FY23/GWP/2721	WO207962	C1A H.E DISCHARGE CHUTE DEFLECTOR LINER PLATE REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/68; UAIL/LDC/FY23/WHP/408	12-10-2022 10:59	12-10-2022 13:23	COMPLETED
863	UAIL/LDC/FY23/GWP/2714	W/O	FABRICATION BED MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/212; UAIL/LDC/FY23/WHP/405	11-10-2022 09:49	11-10-2022 17:00	COMPLETED
872	UAIL/LDC/FY23/GWP/2699	W/O	C1A HEAD END INSIDE HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	10-10-2022 15:03	10-10-2022 17:41	COMPLETED
873	UAIL/LDC/FY23/GWP/2698	WO207719	SKIRT RUBBER ADJUSTMENT WORK	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY23/WHP/402	10-10-2022 15:04	10-10-2022 17:41	COMPLETED
874	UAIL/LDC/FY23/GWP/2697	W/O	AIR RECIVER TANK BASE FABRICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/210	10-10-2022 10:04	10-10-2022 17:14	COMPLETED
876	UAIL/LDC/FY23/GWP/2687	W/O	AIR RECIVER TANK BASE FABRICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/208	09-10-2022 09:29	09-10-2022 16:56	COMPLETED

880	UAIL/LDC/FY23/GWP/2683	PM192584	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	08-10-2022 15:54	08-10-2022 16:43	COMPLETED
883	UAIL/LDC/FY23/GWP/2680	PM192580	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	08-10-2022 15:45	08-10-2022 16:48	COMPLETED
884	UAIL/LDC/FY23/GWP/2679	PM192565	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	08-10-2022 15:32	08-10-2022 16:49	COMPLETED
885	UAIL/LDC/FY23/GWP/2678	PM192540	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	08-10-2022 15:23	08-10-2022 16:49	COMPLETED
886	UAIL/LDC/FY23/GWP/2677	PM192543	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1A HEADEND	C1A-669-002-HE,	N/R	08-10-2022 15:14	08-10-2022 16:50	COMPLETED
888	UAIL/LDC/FY23/GWP/2675	PM192542	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/400	08-10-2022 15:05	08-10-2022 16:50	COMPLETED
889	UAIL/LDC/FY23/GWP/2674	W/O	AREA HOUSE KEEPING AT IMJH	C1A HEADEND	C1A-669-002-HE,	N/R	08-10-2022 14:48	08-10-2022 15:42	COMPLETED
891	UAIL/LDC/FY23/GWP/2667	W/O	RACK FABRICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/206	08-10-2022 09:35	08-10-2022 17:38	COMPLETED
894	UAIL/LDC/FY23/GWP/2664	PM192620	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	07-10-2022 16:09	07-10-2022 16:44	COMPLETED
895	UAIL/LDC/FY23/GWP/2663	PM192619	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	07-10-2022 15:48	07-10-2022 16:43	COMPLETED
898	UAIL/LDC/FY23/GWP/2658	W/O	INSIDE BARRICADE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	07-10-2022 15:01	07-10-2022 16:07	COMPLETED
901	UAIL/LDC/FY23/GWP/2650	W/O	WORKSHOP DOOR FIT-UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/205; UAIL/LDC/FY23/WHP/397	07-10-2022 09:51	07-10-2022 17:26	COMPLETED
904	UAIL/LDC/FY23/GWP/2644	PM192618	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	05-10-2022 11:39	05-10-2022 13:33	COMPLETED
905	UAIL/LDC/FY23/GWP/2643	PM192616	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	05-10-2022 11:40	05-10-2022 13:34	COMPLETED
910	UAIL/LDC/FY23/GWP/2638	PM192613	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	05-10-2022 11:38	05-10-2022 13:39	COMPLETED
911	UAIL/LDC/FY23/GWP/2637	PM192612	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	05-10-2022 11:38	05-10-2022 13:39	COMPLETED
912	UAIL/LDC/FY23/GWP/2636	PM192611	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	05-10-2022 11:38	05-10-2022 13:40	COMPLETED
913	UAIL/LDC/FY23/GWP/2635	PM192609	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/66; UAIL/LDC/FY23/WHP/394	05-10-2022 11:39	05-10-2022 13:40	COMPLETED
914	UAIL/LDC/FY23/GWP/2634	PM192608	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	05-10-2022 11:39	05-10-2022 13:40	COMPLETED
915	UAIL/LDC/FY23/GWP/2633	W/O	INSIDE BARRICADE ARE HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	04-10-2022 17:26	04-10-2022 17:30	COMPLETED
917	UAIL/LDC/FY23/GWP/2631	WO204576	FLAT ROLLER REPLACEMENT AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/393	04-10-2022 16:31	04-10-2022 17:27	COMPLETED
919	UAIL/LDC/FY23/GWP/2629	WO203572	ROLLER REPLACEMENT AT C1A CURVE-9	C1A HEADEND	C1A-669-002-CV9,	N/R	04-10-2022 15:37	04-10-2022 16:29	COMPLETED
921	UAIL/LDC/FY23/GWP/2627	WO203571	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	04-10-2022 15:20	04-10-2022 17:26	COMPLETED
922	UAIL/LDC/FY23/GWP/2625	W/O	STEEL RACK WELDING WORK	C1A HEADEND	C1B-669-001-HE,	UAIL/LDC/FY23/HWP/204	04-10-2022 06:58	04-10-2022 16:40	COMPLETED
923	UAIL/LDC/FY23/GWP/2624	W/O	HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	03-10-2022 15:36	03-10-2022 17:03	COMPLETED
925	UAIL/LDC/FY23/GWP/2621	W/O	C1A HE DISCHARGE CHUTE NUT & BOLT REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/65; UAIL/LDC/FY23/WHP/392	03-10-2022 15:13	03-10-2022 17:03	COMPLETED
926	UAIL/LDC/FY23/GWP/2620	W/O	HOUSEKEEPING WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	03-10-2022 14:51	03-10-2022 17:03	COMPLETED
927	UAIL/LDC/FY23/GWP/2619	W/O	ROLLER REPLACEMENT WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	03-10-2022 14:19	03-10-2022 17:04	COMPLETED
930	UAIL/LDC/FY23/GWP/2616	W/O	STEEL RACK WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/202	03-10-2022 08:57	03-10-2022 17:10	COMPLETED
933	UAIL/LDC/FY23/GWP/2612	W/O	STEEL RACK FABRICATION WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/200	01-10-2022 09:01	01-10-2022 17:20	COMPLETED
934	UAIL/LDC/FY23/GWP/2611	W/O	STEEL RACK FABRICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/199	30-09-2022 09:42	30-09-2022 17:25	COMPLETED
935	UAIL/LDC/FY23/GWP/2608	W/O	C1A H.E ROLLER REPLACMENT WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/391	30-09-2022 06:44	30-09-2022 07:07	COMPLETED
936	UAIL/LDC/FY23/GWP/2607	PM166955	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-SM-V-5L-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004-ART,	N/R	30-09-2022 02:41	30-09-2022 04:32	COMPLETED
937	UAIL/LDC/FY23/GWP/2606	PM166954	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-004-QUARTERLY	C1B TAILEND	DFS-C1B-669-004-PP1,	N/R	30-09-2022 02:33	30-09-2022 04:32	COMPLETED
938	UAIL/LDC/FY23/GWP/2605	WO182115	PULLEY LAGGING WORK AT C1B HEAD END AT PEJH.	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	30-09-2022 02:18	30-09-2022 04:26	COMPLETED
939	UAIL/LDC/FY23/GWP/2604	PM166952	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-002-QUARTERLY	C1B TAILEND	DFS-C1B-669-004-PP3,	N/R	30-09-2022 01:56	30-09-2022 03:27	COMPLETED
940	UAIL/LDC/FY23/GWP/2603	PM166953	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-003-QUARTERLY	C1B TAILEND	DFS-C1B-669-004-PP4,	N/R	30-09-2022 01:56	30-09-2022 03:26	COMPLETED
941	UAIL/LDC/FY23/GWP/2602	PM166961	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	30-09-2022 01:37	30-09-2022 03:23	COMPLETED
942	UAIL/LDC/FY23/GWP/2601	PM166968	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	30-09-2022 01:37	30-09-2022 03:24	COMPLETED
943	UAIL/LDC/FY23/GWP/2600	PM166951	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-001-QUARTERLY	C1B TAILEND	DFS-C1B-669-004-PP2,	N/R	30-09-2022 01:19	30-09-2022 03:26	COMPLETED
944	UAIL/LDC/FY23/GWP/2599	PM166950	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004-AC2,	N/R	30-09-2022 01:08	30-09-2022 02:25	COMPLETED
945	UAIL/LDC/FY23/GWP/2598	PM166949	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004-AC1,	N/R	30-09-2022 01:08	30-09-2022 02:25	COMPLETED

946	UAIL/LDC/FY23/GWP/2597	WO183492	0 DEGREE PULLEY LAGGING WORK AT C1A HE	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	30-09-2022 00:34	30-09-2022 04:28	COMPLETED
952	UAIL/LDC/FY23/GWP/2591	WO183493	MOVABLE PULLEY LAGGING WORK AT C1A HEAD END	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	29-09-2022 23:38	30-09-2022 04:27	COMPLETED
953	UAIL/LDC/FY23/GWP/2590	WO182115	PULLEY LAGGING WORK AT C1B TAIL END AREA.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	29-09-2022 22:59	30-09-2022 01:58	COMPLETED
955	UAIL/LDC/FY23/GWP/2588	WO183492	0 DEGREE PULLEY LAGGING WORK AT C1A HE	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	UAIL/LDC/FY23/WHP/387	29-09-2022 16:42	29-09-2022 22:13	COMPLETED
956	UAIL/LDC/FY23/GWP/2587	WO183492	0 DEGREE PULLEY LAGGING WORK AT C1A HE	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	29-09-2022 16:01	29-09-2022 16:19	COMPLETED
959	UAIL/LDC/FY23/GWP/2583	WO182115	PULLEY LAGGING WORK AT C1B TAIL END.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	UAIL/LDC/FY23/HWP/194; UAIL/LDC/FY23/WHP/385	29-09-2022 15:10	29-09-2022 22:13	COMPLETED
960	UAIL/LDC/FY23/GWP/2581	WO184528	LAGGING REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	UAIL/LDC/FY23/HWP/193; UAIL/LDC/FY23/WHP/384	29-09-2022 13:17	29-09-2022 18:42	COMPLETED
963	UAIL/LDC/FY23/GWP/2574	WO182115	PULLEY LAGGING WORK AT C1B TAIL END.	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP1	UAIL/LDC/FY23/HWP/192; UAIL/LDC/FY23/WHP/383	29-09-2022 09:25	29-09-2022 14:48	COMPLETED
964	UAIL/LDC/FY23/GWP/2572	W/O	INSIDE BARICADE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	29-09-2022 08:29	29-09-2022 15:55	COMPLETED
965	UAIL/LDC/FY23/GWP/2571	WO183493	MOVABLE PULLEY LAGGING WORK AT C1A HEAD END	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	UAIL/LDC/FY23/WHP/382	29-09-2022 08:17	29-09-2022 22:13	COMPLETED
966	UAIL/LDC/FY23/GWP/2570	WO183492	0 DEGREE PULLEY LAGGING WORK AT C1A HE	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	UAIL/LDC/FY23/WHP/381	29-09-2022 08:00	29-09-2022 21:59	COMPLETED
970	UAIL/LDC/FY23/GWP/2566	WO181063	DISCHARGE CHUTE INSPECTION AND MOTHER PLATE WELDING WORK AT IMJH	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/HWP/191	28-09-2022 15:28	28-09-2022 17:22	COMPLETED
973	UAIL/LDC/FY23/GWP/2563	PM166943	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/62; UAIL/LDC/FY23/WHP/378	28-09-2022 15:09	28-09-2022 17:23	COMPLETED
976	UAIL/LDC/FY23/GWP/2558	WO180042	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-CV2,	N/R	27-09-2022 21:59	27-09-2022 22:22	COMPLETED
978	UAIL/LDC/FY23/GWP/2553	W/O	STEEL RACK FABRICATION WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/188	27-09-2022 09:22	27-09-2022 17:15	COMPLETED
981	UAIL/LDC/FY23/GWP/2550	W/O	STEEL RACK FABRICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/186	26-09-2022 10:43	26-09-2022 17:37	COMPLETED
983	UAIL/LDC/FY23/GWP/2546	W/O	DOOR FIT UP WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/184	26-09-2022 09:00	26-09-2022 17:37	COMPLETED
984	UAIL/LDC/FY23/GWP/2545	PM166924	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	25-09-2022 15:43	25-09-2022 18:33	COMPLETED
985	UAIL/LDC/FY23/GWP/2544	PM166923	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	25-09-2022 15:44	25-09-2022 18:33	COMPLETED
990	UAIL/LDC/FY23/GWP/2536	WO179978	ROLLER REPLACEMENT WORK C1A CV-9 AREA.	C1A HEADEND	C1A-669-002-CV9,	N/R	25-09-2022 14:48	25-09-2022 15:47	COMPLETED
991	UAIL/LDC/FY23/GWP/2534	WO179979	C1A BELT EDGE PATCHING WORK (26284) AT IMJH.	C1A HEADEND	BC-C1A-669-002,	N/R	25-09-2022 14:37	25-09-2022 18:33	COMPLETED
992	UAIL/LDC/FY23/GWP/2533	W/O	WORK SHOP DOOR FABRICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/183	25-09-2022 09:10	25-09-2022 17:23	COMPLETED
997	UAIL/LDC/FY23/GWP/2528	PM166889	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-008-BI MONTHLY	C1A HEADEND	ALS3-C1A-669-002,	N/R	24-09-2022 16:10	24-09-2022 17:45	COMPLETED
998	UAIL/LDC/FY23/GWP/2526	PM166887	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-002-BI MONTHLY	C1A HEADEND	ALS1-C1A-669-002,	N/R	24-09-2022 16:00	24-09-2022 17:45	COMPLETED
999	UAIL/LDC/FY23/GWP/2525	PM166865	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BP-PS-S24-PD-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-BP,	N/R	24-09-2022 15:44	24-09-2022 17:03	COMPLETED
1002	UAIL/LDC/FY23/GWP/2521	PM166891	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-09-2022 15:15	24-09-2022 17:03	COMPLETED
1003	UAIL/LDC/FY23/GWP/2520	W/O	HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	24-09-2022 15:04	24-09-2022 17:45	COMPLETED
1006	UAIL/LDC/FY23/GWP/2514	W/O	DOOR FIT UP WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/182	24-09-2022 09:21	24-09-2022 17:16	COMPLETED
1008	UAIL/LDC/FY23/GWP/2512	W/O	AUTO LUBRICATION PUMP-3 POLYMER TUBE LAYING WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/WHP/370	23-09-2022 14:21	23-09-2022 17:09	COMPLETED
1019	UAIL/LDC/FY23/GWP/2498	W/O	WORKSHOP DOOR FIT-UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/180	23-09-2022 09:36	23-09-2022 17:10	COMPLETED
1021	UAIL/LDC/FY23/GWP/2495	PM166888	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-006-BI MONTHLY	C1A HEADEND	ALS2-C1A-669-002,	N/R	22-09-2022 16:15	22-09-2022 16:59	COMPLETED
1023	UAIL/LDC/FY23/GWP/2493	PM166890	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-009-BI MONTHLY	C1A HEADEND	ALS1-C1A-669-002,	N/R	22-09-2022 15:59	22-09-2022 16:59	COMPLETED
1027	UAIL/LDC/FY23/GWP/2489	W/O	INSIDE BARRICADE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	22-09-2022 14:46	22-09-2022 16:05	COMPLETED
1028	UAIL/LDC/FY23/GWP/2486	W/O	DOOR FIT UP WORK	IJH	N/R	UAIL/LDC/FY23/HWP/177	22-09-2022 09:00	22-09-2022 16:58	COMPLETED
1029	UAIL/LDC/FY23/GWP/2485	WO173968	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV9,	N/R	21-09-2022 15:30	21-09-2022 16:57	COMPLETED
1033	UAIL/LDC/FY23/GWP/2481	PM166882	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	21-09-2022 15:06	21-09-2022 17:22	COMPLETED
1034	UAIL/LDC/FY23/GWP/2480	W/O	HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	21-09-2022 15:06	21-09-2022 17:02	COMPLETED
1038	UAIL/LDC/FY23/GWP/2473	PM166868	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	21-09-2022 02:01	21-09-2022 05:18	COMPLETED
1039	UAIL/LDC/FY23/GWP/2472	WO172981	BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	20-09-2022 11:03	20-09-2022 11:24	COMPLETED
1042	UAIL/LDC/FY23/GWP/2469	W/O	INSIDE HOUSEKEEPING AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	20-09-2022 07:13	20-09-2022 07:53	COMPLETED
1044	UAIL/LDC/FY23/GWP/2467	PM166855	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-135º	N/R	20-09-2022 02:44	20-09-2022 05:49	COMPLETED
1045	UAIL/LDC/FY23/GWP/2466	PM166862	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	20-09-2022 02:35	20-09-2022 05:44	COMPLETED

1046	UAIL/LDC/FY23/GWP/2465	PM166861	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	20-09-2022 02:35	20-09-2022 05:45	COMPLETED
1047	UAIL/LDC/FY23/GWP/2464	PM166860	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	20-09-2022 01:58	20-09-2022 05:49	COMPLETED
1048	UAIL/LDC/FY23/GWP/2463	PM166859	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	20-09-2022 01:58	20-09-2022 05:49	COMPLETED
1049	UAIL/LDC/FY23/GWP/2462	PM166858	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	20-09-2022 01:58	20-09-2022 05:49	COMPLETED
1050	UAIL/LDC/FY23/GWP/2461	PM166857	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	20-09-2022 01:58	20-09-2022 05:49	COMPLETED
1051	UAIL/LDC/FY23/GWP/2459	WO172979	IMPACT ROLLER REPLACEMENT WORK	C1B TAILEND	C1B-669-004-TE,	N/R	20-09-2022 00:45	20-09-2022 01:20	COMPLETED
1052	UAIL/LDC/FY23/GWP/2458	PM166848	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	19-09-2022 23:33	20-09-2022 00:50	COMPLETED
1053	UAIL/LDC/FY23/GWP/2457	PM166847	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	19-09-2022 23:33	20-09-2022 00:50	COMPLETED
1054	UAIL/LDC/FY23/GWP/2456	PM166836	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	19-09-2022 23:34	20-09-2022 00:50	COMPLETED
1055	UAIL/LDC/FY23/GWP/2455	PM166834	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	19-09-2022 23:06	20-09-2022 01:01	COMPLETED
1056	UAIL/LDC/FY23/GWP/2454	PM166833	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	19-09-2022 23:07	20-09-2022 01:01	COMPLETED
1057	UAIL/LDC/FY23/GWP/2453	PM166825	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	19-09-2022 23:07	20-09-2022 01:20	COMPLETED
1058	UAIL/LDC/FY23/GWP/2452	PM166824	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	19-09-2022 23:07	20-09-2022 00:34	COMPLETED
1059	UAIL/LDC/FY23/GWP/2451	PM166822	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	19-09-2022 23:07	20-09-2022 01:21	COMPLETED
1060	UAIL/LDC/FY23/GWP/2450	PM166851	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	19-09-2022 16:54	19-09-2022 17:27	COMPLETED
1061	UAIL/LDC/FY23/GWP/2449	PM166850	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	19-09-2022 16:37	19-09-2022 17:27	COMPLETED
1063	UAIL/LDC/FY23/GWP/2447	PM166849	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	19-09-2022 16:23	19-09-2022 17:27	COMPLETED
1064	UAIL/LDC/FY23/GWP/2446	PM166846	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	19-09-2022 16:12	19-09-2022 17:28	COMPLETED
1065	UAIL/LDC/FY23/GWP/2445	PM166844	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	19-09-2022 15:59	19-09-2022 17:28	COMPLETED
1066	UAIL/LDC/FY23/GWP/2444	PM166826	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	19-09-2022 15:57	19-09-2022 16:54	COMPLETED
1067	UAIL/LDC/FY23/GWP/2443	PM166823	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	19-09-2022 15:47	19-09-2022 16:13	COMPLETED
1068	UAIL/LDC/FY23/GWP/2442	PM166830	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	19-09-2022 15:57	19-09-2022 16:57	COMPLETED
1069	UAIL/LDC/FY23/GWP/2441	PM166821	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	19-09-2022 15:36	19-09-2022 16:40	COMPLETED
1070	UAIL/LDC/FY23/GWP/2440	PM166820	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	19-09-2022 15:16	19-09-2022 16:25	COMPLETED
1072	UAIL/LDC/FY23/GWP/2438	PM166823	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-TMP1	N/R	19-09-2022 15:03	19-09-2022 16:52	COMPLETED
1074	UAIL/LDC/FY23/GWP/2435	W/O	WORK SHOP DOOR POST FIT-UP & WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/173	19-09-2022 10:36	19-09-2022 17:30	COMPLETED
1076	UAIL/LDC/FY23/GWP/2430	PM166808	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	17-09-2022 11:55	17-09-2022 13:15	COMPLETED
1078	UAIL/LDC/FY23/GWP/2425	W/O	INSIDE BARRICADE AREA HOUSE KEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	16-09-2022 15:15	16-09-2022 17:28	COMPLETED
1079	UAIL/LDC/FY23/GWP/2424	WO170819	FLAT ROLLER REPLACEMENT WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/358	16-09-2022 15:00	16-09-2022 17:34	COMPLETED
1084	UAIL/LDC/FY23/GWP/2417	WO170818	IDLER FRAME REPLACEMENT WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	15-09-2022 15:01	15-09-2022 18:07	COMPLETED
1086	UAIL/LDC/FY23/GWP/2415	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/171	15-09-2022 10:28	15-09-2022 17:33	COMPLETED
1094	UAIL/LDC/FY23/GWP/2400	W/O	INSIDE BARICATION HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	14-09-2022 15:33	14-09-2022 17:43	COMPLETED
1096	UAIL/LDC/FY23/GWP/2398	PM166757	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	14-09-2022 15:33	14-09-2022 17:43	COMPLETED
1097	UAIL/LDC/FY23/GWP/2397	PM166747	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	14-09-2022 15:33	14-09-2022 17:44	COMPLETED
1099	UAIL/LDC/FY23/GWP/2388	PM166718	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-YEARLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	13-09-2022 16:57	13-09-2022 17:42	COMPLETED
1100	UAIL/LDC/FY23/GWP/2387	PM166724	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	13-09-2022 16:58	13-09-2022 17:42	COMPLETED
1102	UAIL/LDC/FY23/GWP/2385	PM166741	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	13-09-2022 15:16	13-09-2022 16:29	COMPLETED
1103	UAIL/LDC/FY23/GWP/2384	PM166736	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	13-09-2022 15:17	13-09-2022 16:29	COMPLETED
1104	UAIL/LDC/FY23/GWP/2383	PM166735	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	13-09-2022 15:18	13-09-2022 16:29	COMPLETED
1105	UAIL/LDC/FY23/GWP/2382	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	13-09-2022 15:10	13-09-2022 17:42	COMPLETED
1108	UAIL/LDC/FY23/GWP/2378	W/O	BOX CONTAINER MODIFICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/170	13-09-2022 09:06	13-09-2022 17:13	COMPLETED
1115	UAIL/LDC/FY23/GWP/2365	W/O	BOX CONTAINER MODIFICATION WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/168; UAIL/LDC/FY23/WHP/346	12-09-2022 09:47	12-09-2022 17:08	COMPLETED

1117	UAIL/LDC/FY23/GWP/2358	PM166699	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	11-09-2022 17:36	11-09-2022 17:49	COMPLETED
1118	UAIL/LDC/FY23/GWP/2357	PM166698	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	11-09-2022 17:36	11-09-2022 17:49	COMPLETED
1119	UAIL/LDC/FY23/GWP/2356	PM166670	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	11-09-2022 17:36	11-09-2022 17:49	COMPLETED
1120	UAIL/LDC/FY23/GWP/2355	PM166668	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	11-09-2022 17:36	11-09-2022 17:49	COMPLETED
1121	UAIL/LDC/FY23/GWP/2354	PM166649	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	11-09-2022 16:43	11-09-2022 17:52	COMPLETED
1122	UAIL/LDC/FY23/GWP/2353	PM166648	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	11-09-2022 16:43	11-09-2022 17:52	COMPLETED
1123	UAIL/LDC/FY23/GWP/2352	PM166647	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	11-09-2022 16:43	11-09-2022 17:52	COMPLETED
1124	UAIL/LDC/FY23/GWP/2351	PM166645	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	11-09-2022 16:44	11-09-2022 17:52	COMPLETED
1126	UAIL/LDC/FY23/GWP/2349	PM166642	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	11-09-2022 16:00	11-09-2022 17:10	COMPLETED
1127	UAIL/LDC/FY23/GWP/2348	PM166641	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	11-09-2022 16:00	11-09-2022 17:10	COMPLETED
1128	UAIL/LDC/FY23/GWP/2347	PM166640	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	11-09-2022 16:00	11-09-2022 17:10	COMPLETED
1137	UAIL/LDC/FY23/GWP/2333	W/O	BOX CONTAINER MODIFICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/167; UAIL/LDC/FY23/WHP/343	11-09-2022 09:30	11-09-2022 16:51	COMPLETED
1144	UAIL/LDC/FY23/GWP/2326	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	10-09-2022 15:30	10-09-2022 17:27	COMPLETED
1145	UAIL/LDC/FY23/GWP/2325	WO169585	ROLLER REPLACEMENT WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	10-09-2022 15:19	10-09-2022 17:27	COMPLETED
1148	UAIL/LDC/FY23/GWP/2321	W/O	BOX CONTAINER MODIFICATION WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/166; UAIL/LDC/FY23/WHP/341	10-09-2022 10:11	10-09-2022 17:14	COMPLETED
1150	UAIL/LDC/FY23/GWP/2319	PM166674	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	09-09-2022 17:25	09-09-2022 17:53	COMPLETED
1151	UAIL/LDC/FY23/GWP/2317	PM166673	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	09-09-2022 17:17	09-09-2022 17:50	COMPLETED
1152	UAIL/LDC/FY23/GWP/2316	PM166664	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	09-09-2022 17:16	09-09-2022 17:53	COMPLETED
1153	UAIL/LDC/FY23/GWP/2315	PM166663	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	09-09-2022 17:16	09-09-2022 17:56	COMPLETED
1154	UAIL/LDC/FY23/GWP/2314	PM166635	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	09-09-2022 16:43	09-09-2022 17:17	COMPLETED
1155	UAIL/LDC/FY23/GWP/2313	PM166634	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	09-09-2022 16:44	09-09-2022 17:18	COMPLETED
1156	UAIL/LDC/FY23/GWP/2312	PM166633	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	09-09-2022 16:44	09-09-2022 17:18	COMPLETED
1157	UAIL/LDC/FY23/GWP/2311	PM166632	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	09-09-2022 16:44	09-09-2022 17:18	COMPLETED
1158	UAIL/LDC/FY23/GWP/2310	PM166631	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-005-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY4	N/R	09-09-2022 16:08	09-09-2022 16:46	COMPLETED
1159	UAIL/LDC/FY23/GWP/2309	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	09-09-2022 15:53	09-09-2022 17:46	COMPLETED
1160	UAIL/LDC/FY23/GWP/2308	PM166630	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	09-09-2022 16:08	09-09-2022 16:46	COMPLETED
1161	UAIL/LDC/FY23/GWP/2307	PM166627	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	09-09-2022 16:09	09-09-2022 16:46	COMPLETED
1162	UAIL/LDC/FY23/GWP/2306	PM166672	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	09-09-2022 15:27	09-09-2022 15:49	COMPLETED
1163	UAIL/LDC/FY23/GWP/2305	PM166625	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	09-09-2022 16:09	09-09-2022 16:46	COMPLETED
1166	UAIL/LDC/FY23/GWP/2302	WO170548	ROLLER REPLACEMENT WORK AT C1A CURVE AREA.	C1A HEADEND	C1A-669-002-CV9,	N/R	09-09-2022 15:02	09-09-2022 16:35	COMPLETED
1168	UAIL/LDC/FY23/GWP/2296	W/O	BOX CONTAIENER MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/165; UAIL/LDC/FY23/WHP/340	09-09-2022 09:55	09-09-2022 17:23	COMPLETED
1174	UAIL/LDC/FY23/GWP/2289	WO169526	ROLLER REPLACEMENT WORK AT C1B AREA.	C1B TAILEND	C1B-669-004-TE,	N/R	08-09-2022 15:58	08-09-2022 17:10	COMPLETED
1176	UAIL/LDC/FY23/GWP/2286	PM166687	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	08-09-2022 15:00	08-09-2022 16:43	COMPLETED
1179	UAIL/LDC/FY23/GWP/2278	W/O	BOX CONTAINER MODIFICATION WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/163; UAIL/LDC/FY23/WHP/337	08-09-2022 08:59	08-09-2022 16:26	COMPLETED
1180	UAIL/LDC/FY23/GWP/2276	PM166666	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	07-09-2022 17:03	07-09-2022 17:37	COMPLETED
1185	UAIL/LDC/FY23/GWP/2267	W/O	INSIDE BARICADE ARE HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	07-09-2022 15:17	07-09-2022 16:25	COMPLETED
1186	UAIL/LDC/FY23/GWP/2265	WO170267	C1A DISCHARGE CHUTE DEFLECTOR LINER REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/54; UAIL/LDC/FY23/WHP/335	07-09-2022 15:01	07-09-2022 17:44	COMPLETED
1189	UAIL/LDC/FY23/GWP/2260	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/162; UAIL/LDC/FY23/WHP/332	06-09-2022 09:00	06-09-2022 17:13	COMPLETED
1191	UAIL/LDC/FY23/GWP/2258	WO170183	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/331	06-09-2022 06:29	06-09-2022 06:56	COMPLETED
1198	UAIL/LDC/FY23/GWP/2251	WO170152	ROLLER REPLACEMENT WORK AT C1B.	C1B TAILEND	C1B-669-004-TE,	N/R	05-09-2022 14:43	05-09-2022 17:37	COMPLETED
1199	UAIL/LDC/FY23/GWP/2248	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/161; UAIL/LDC/FY23/WHP/328	05-09-2022 09:36	05-09-2022 16:54	COMPLETED
1201	UAIL/LDC/FY23/GWP/2244	W/O	BOX CONTAINER MODIFICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/160; UAIL/LDC/FY23/WHP/326	04-09-2022 09:33	04-09-2022 16:42	COMPLETED

1203	UAIL/LDC/FY23/GWP/2242	PM166610	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	03-09-2022 16:12	03-09-2022 17:36	COMPLETED
1204	UAIL/LDC/FY23/GWP/2240	PM166609	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	03-09-2022 16:12	03-09-2022 17:36	COMPLETED
1205	UAIL/LDC/FY23/GWP/2239	PM166597	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	03-09-2022 16:12	03-09-2022 17:35	COMPLETED
1207	UAIL/LDC/FY23/GWP/2237	PM166612	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	03-09-2022 15:24	03-09-2022 16:10	COMPLETED
1209	UAIL/LDC/FY23/GWP/2235	PM166605	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	03-09-2022 15:08	03-09-2022 16:08	COMPLETED
1210	UAIL/LDC/FY23/GWP/2234	WO169259	V SCRAPER BALDE REPLACEMENT WORK AT C1B TAIL END (NEAR HEAD END SIDE TOP BEND PULLEY AREA).	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	03-09-2022 14:49	03-09-2022 17:13	COMPLETED
1213	UAIL/LDC/FY23/GWP/2230	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/157; UAIL/LDC/FY23/WHP/324	03-09-2022 09:16	03-09-2022 17:00	COMPLETED
1214	UAIL/LDC/FY23/GWP/2229	W/O	J.B BOX FITUP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/156	02-09-2022 16:30	02-09-2022 16:59	COMPLETED
1215	UAIL/LDC/FY23/GWP/2226	PM166574	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,WNCH-C1A-669-002-GB	N/R	02-09-2022 15:29	02-09-2022 17:31	COMPLETED
1216	UAIL/LDC/FY23/GWP/2225	PM166585	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	02-09-2022 15:29	02-09-2022 17:31	COMPLETED
1222	UAIL/LDC/FY23/GWP/2217	W/O	STEEL RACK WELDING WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/154	02-09-2022 09:20	02-09-2022 16:08	COMPLETED
1223	UAIL/LDC/FY23/GWP/2216	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/153; UAIL/LDC/FY23/WHP/323	02-09-2022 09:11	02-09-2022 16:59	COMPLETED
1230	UAIL/LDC/FY23/GWP/2206	PM166556	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	01-09-2022 15:33	01-09-2022 16:20	COMPLETED
1235	UAIL/LDC/FY23/GWP/2198	W/O	STEEL RACK FABRICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/151	01-09-2022 09:36	01-09-2022 17:01	COMPLETED
1236	UAIL/LDC/FY23/GWP/2197	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/150; UAIL/LDC/FY23/WHP/320	01-09-2022 09:30	01-09-2022 17:01	COMPLETED
1237	UAIL/LDC/FY23/GWP/2196	PM147021	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	31-08-2022 16:54	31-08-2022 17:28	COMPLETED
1241	UAIL/LDC/FY23/GWP/2192	PM147008	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	31-08-2022 15:35	31-08-2022 17:29	COMPLETED
1242	UAIL/LDC/FY23/GWP/2191	W/O	AREA HOUSE KEPPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	31-08-2022 15:27	31-08-2022 17:29	COMPLETED
1248	UAIL/LDC/FY23/GWP/2184	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	30-08-2022 15:56	30-08-2022 17:49	COMPLETED
1252	UAIL/LDC/FY23/GWP/2180	WO158009	IDLER REPLACEMENT WORK AT C1A CONVEYER.	C1A HEADEND	C1A-669-002-CV9,	N/R	30-08-2022 15:25	30-08-2022 16:23	COMPLETED
1254	UAIL/LDC/FY23/GWP/2173	W/O	STEEL RACK WELDING WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/148	30-08-2022 09:30	30-08-2022 17:01	COMPLETED
1255	UAIL/LDC/FY23/GWP/2172	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/147; UAIL/LDC/FY23/WHP/317	30-08-2022 09:24	30-08-2022 17:01	COMPLETED
1256	UAIL/LDC/FY23/GWP/2171	W/O	STEEL RACK WELDING WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/146	29-08-2022 09:43	29-08-2022 17:16	COMPLETED
1257	UAIL/LDC/FY23/GWP/2170	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/145; UAIL/LDC/FY23/WHP/316	29-08-2022 09:44	29-08-2022 17:16	COMPLETED
1259	UAIL/LDC/FY23/GWP/2166	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/143; UAIL/LDC/FY23/WHP/314	28-08-2022 09:14	28-08-2022 16:46	COMPLETED
1262	UAIL/LDC/FY23/GWP/2163	W/O	INSIDE BARICADE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	28-08-2022 07:13	28-08-2022 09:24	COMPLETED
1266	UAIL/LDC/FY23/GWP/2159	WO157929	ROLLER REPLACEMENT WORK AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/313	28-08-2022 07:01	28-08-2022 08:16	COMPLETED
1268	UAIL/LDC/FY23/GWP/2154	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/141; UAIL/LDC/FY23/WHP/311	27-08-2022 09:36	27-08-2022 17:13	COMPLETED
1270	UAIL/LDC/FY23/GWP/2148	PM146993	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	27-08-2022 02:01	27-08-2022 04:42	COMPLETED
1274	UAIL/LDC/FY23/GWP/2142	W/O	BOX CONTAINER WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/140; UAIL/LDC/FY23/WHP/309	26-08-2022 09:45	26-08-2022 17:13	COMPLETED
1276	UAIL/LDC/FY23/GWP/2140	W/O	STEEL RACK FABRICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/138	26-08-2022 09:35	26-08-2022 17:14	COMPLETED
1277	UAIL/LDC/FY23/GWP/2139	PM146980	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-004-QUARTERLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	26-08-2022 08:28	26-08-2022 09:17	COMPLETED
1282	UAIL/LDC/FY23/GWP/2134	W/O	INSIDE BARICATION AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	26-08-2022 06:57	26-08-2022 09:16	COMPLETED
1285	UAIL/LDC/FY23/GWP/2127	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/137; UAIL/LDC/FY23/WHP/307	25-08-2022 09:37	25-08-2022 17:16	COMPLETED
1289	UAIL/LDC/FY23/GWP/2123	PM146953	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	25-08-2022 08:17	25-08-2022 09:23	COMPLETED
1290	UAIL/LDC/FY23/GWP/2122	PM146961	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-DISC,	N/R	25-08-2022 08:03	25-08-2022 09:43	COMPLETED
1293	UAIL/LDC/FY23/GWP/2118	PM146971	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	25-08-2022 07:40	25-08-2022 09:24	COMPLETED
1294	UAIL/LDC/FY23/GWP/2117	PM146970	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	25-08-2022 07:40	25-08-2022 08:28	COMPLETED
1295	UAIL/LDC/FY23/GWP/2116	PM146969	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	25-08-2022 07:40	25-08-2022 08:28	COMPLETED
1296	UAIL/LDC/FY23/GWP/2115	PM146968	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	25-08-2022 07:41	25-08-2022 08:18	COMPLETED
1299	UAIL/LDC/FY23/GWP/2109	PM146946	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-DISC,	N/R	25-08-2022 03:13	25-08-2022 04:18	COMPLETED
1302	UAIL/LDC/FY23/GWP/2106	WO153982	GUIDE ROLLER REPLACEMENT NEAR TAIL PULLEY AREA	C1B TAILEND	C1B-669-004-TE,	N/R	25-08-2022 02:55	25-08-2022 04:18	COMPLETED

1311	UAIL/LDC/FY23/GWP/2096	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	24-08-2022 07:24	24-08-2022 09:27	COMPLETED
1312	UAIL/LDC/FY23/GWP/2095	W/O	LUBRICATION	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-08-2022 07:02	24-08-2022 09:27	COMPLETED
1313	UAIL/LDC/FY23/GWP/2094	W/O	BOLT TIGHT NESS	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-08-2022 07:03	24-08-2022 09:27	COMPLETED
1314	UAIL/LDC/FY23/GWP/2093	W/O	BOLT TIGHT NESS	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	24-08-2022 07:03	24-08-2022 07:57	COMPLETED
1315	UAIL/LDC/FY23/GWP/2088	W/O	LBS STAND WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/134	23-08-2022 09:37	23-08-2022 17:24	COMPLETED
1316	UAIL/LDC/FY23/GWP/2087	W/O	STEEL LADDER FIT UP WORK	IMJH	N/R	UAIL/LDC/FY23/HWP/133; UAIL/LDC/FY23/WHP/303	23-08-2022 09:30	23-08-2022 17:25	COMPLETED
1317	UAIL/LDC/FY23/GWP/2085	PM146909	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	23-08-2022 08:49	23-08-2022 09:43	COMPLETED
1318	UAIL/LDC/FY23/GWP/2084	PM146908	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	23-08-2022 08:49	23-08-2022 09:44	COMPLETED
1320	UAIL/LDC/FY23/GWP/2082	PM146907	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	23-08-2022 07:58	23-08-2022 09:06	COMPLETED
1321	UAIL/LDC/FY23/GWP/2081	PM146902	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	23-08-2022 07:58	23-08-2022 09:06	COMPLETED
1322	UAIL/LDC/FY23/GWP/2080	PM146906	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	23-08-2022 07:58	23-08-2022 09:06	COMPLETED
1323	UAIL/LDC/FY23/GWP/2079	PM146905	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP3	N/R	23-08-2022 07:40	23-08-2022 08:15	COMPLETED
1324	UAIL/LDC/FY23/GWP/2078	PM146904	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	23-08-2022 07:40	23-08-2022 08:16	COMPLETED
1325	UAIL/LDC/FY23/GWP/2077	PM146903	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	23-08-2022 07:41	23-08-2022 08:16	COMPLETED
1326	UAIL/LDC/FY23/GWP/2076	PM146901	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	23-08-2022 07:41	23-08-2022 08:16	COMPLETED
1327	UAIL/LDC/FY23/GWP/2075	W/O	INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	23-08-2022 07:04	23-08-2022 09:21	COMPLETED
1329	UAIL/LDC/FY23/GWP/2066	PM146899	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	22-08-2022 09:25	22-08-2022 09:43	COMPLETED
1330	UAIL/LDC/FY23/GWP/2065	W/O	STEEL RACK FABRICATION WORK	IMJH	N/R	N/R	22-08-2022 09:05	22-08-2022 17:11	COMPLETED
1331	UAIL/LDC/FY23/GWP/2064	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/WHP/300	22-08-2022 09:05	22-08-2022 17:11	COMPLETED
1332	UAIL/LDC/FY23/GWP/2063	PM146898	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	22-08-2022 08:43	22-08-2022 09:34	COMPLETED
1333	UAIL/LDC/FY23/GWP/2062	PM146897	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	22-08-2022 08:43	22-08-2022 09:34	COMPLETED
1334	UAIL/LDC/FY23/GWP/2061	PM146896	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	22-08-2022 08:43	22-08-2022 09:34	COMPLETED
1335	UAIL/LDC/FY23/GWP/2060	PM146895	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	22-08-2022 08:44	22-08-2022 09:34	COMPLETED
1336	UAIL/LDC/FY23/GWP/2059	PM146894	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	22-08-2022 08:44	22-08-2022 09:35	COMPLETED
1337	UAIL/LDC/FY23/GWP/2058	W/O	INSIDE AREA HOUSEKEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	22-08-2022 08:08	22-08-2022 09:12	COMPLETED
1338	UAIL/LDC/FY23/GWP/2057	PM146892	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	22-08-2022 08:00	22-08-2022 09:13	COMPLETED
1339	UAIL/LDC/FY23/GWP/2056	PM146891	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	22-08-2022 08:00	22-08-2022 09:13	COMPLETED
1340	UAIL/LDC/FY23/GWP/2054	PM146890	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	22-08-2022 08:01	22-08-2022 09:13	COMPLETED
1341	UAIL/LDC/FY23/GWP/2052	PM146889	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	22-08-2022 07:38	22-08-2022 09:08	COMPLETED
1342	UAIL/LDC/FY23/GWP/2050	PM146888	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	22-08-2022 07:38	22-08-2022 09:08	COMPLETED
1343	UAIL/LDC/FY23/GWP/2049	PM146887	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	22-08-2022 07:38	22-08-2022 09:08	COMPLETED
1344	UAIL/LDC/FY23/GWP/2048	PM146886	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	22-08-2022 07:39	22-08-2022 09:09	COMPLETED
1347	UAIL/LDC/FY23/GWP/2044	W/O	AREA HOUSEKEEPING-C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	22-08-2022 07:06	22-08-2022 09:18	COMPLETED
1348	UAIL/LDC/FY23/GWP/2039	WO151592	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-CV9,	N/R	22-08-2022 06:34	22-08-2022 07:41	COMPLETED
1349	UAIL/LDC/FY23/GWP/2038	W/O	WORK SHOP DOOR FABRICATION JOB.	C1A HEADEND	N/R	N/R	21-08-2022 09:24	21-08-2022 17:09	COMPLETED
1352	UAIL/LDC/FY23/GWP/2028	W/O	WORKSHOP DOOR FABRICATION WORK.	IMJH	N/R	N/R	20-08-2022 09:52	20-08-2022 17:20	COMPLETED
1354	UAIL/LDC/FY23/GWP/2026	W/O	AREA HOUSE KEEPING .	C1A HEADEND	C1A-669-002-HE,	N/R	20-08-2022 07:26	20-08-2022 10:33	COMPLETED
1355	UAIL/LDC/FY23/GWP/2025	WO150821	REPLACEMENT OF OIL TEMPERATURE SWITCH AND DIRECTIONAL SEATED VALVE OF HYDRAULIC UNIT.	C1B TAILEND	HDB-C1B-669-004-HPU,	N/R	20-08-2022 01:19	20-08-2022 04:39	COMPLETED
1359	UAIL/LDC/FY23/GWP/2021	PM146879	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	20-08-2022 00:26	20-08-2022 04:39	COMPLETED
1360	UAIL/LDC/FY23/GWP/2020	PM146878	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	20-08-2022 00:11	20-08-2022 04:32	COMPLETED
1361	UAIL/LDC/FY23/GWP/2019	PM146877	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	20-08-2022 00:11	20-08-2022 04:32	COMPLETED
1362	UAIL/LDC/FY23/GWP/2018	PM146876	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	20-08-2022 00:11	20-08-2022 04:33	COMPLETED

1363	UAIL/LDC/FY23/GWP/2017	PM146875	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	20-08-2022 00:12	20-08-2022 04:33	COMPLETED
1364	UAIL/LDC/FY23/GWP/2016	PM146873	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	20-08-2022 00:12	20-08-2022 04:33	COMPLETED
1365	UAIL/LDC/FY23/GWP/2008	W/O	STEEL RACK FABRICATION WORK.	C1A HEADEND	N/R	N/R	19-08-2022 09:26	19-08-2022 17:07	COMPLETED
1366	UAIL/LDC/FY23/GWP/2007	W/O	WORK SHOP DOOR FABRICATION WORK.	C1A HEADEND	N/R	N/R	19-08-2022 09:19	19-08-2022 17:07	COMPLETED
1367	UAIL/LDC/FY23/GWP/2006	W/O	AREA HOUSE KEEPING WORK AT C1A HEAD END AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	19-08-2022 08:05	19-08-2022 08:57	COMPLETED
1369	UAIL/LDC/FY23/GWP/2004	PM146863	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	19-08-2022 03:15	19-08-2022 05:20	COMPLETED
1370	UAIL/LDC/FY23/GWP/2003	PM146859	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	19-08-2022 03:16	19-08-2022 05:20	COMPLETED
1374	UAIL/LDC/FY23/GWP/1998	WO151198	BELT EDGE REPARING WORK AT C1A CONVER.	C1A HEADEND	BC-C1A-669-002,	N/R	18-08-2022 15:22	18-08-2022 19:45	COMPLETED
1377	UAIL/LDC/FY23/GWP/1993	W/O	PLATFORM EXTENTION WORK	C1A HEADEND	C1A-669-002-HE,	N/R	18-08-2022 15:01	18-08-2022 18:34	COMPLETED
1380	UAIL/LDC/FY23/GWP/1988	W/O	PLATFORM EXTENTION WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	18-08-2022 10:02	18-08-2022 12:46	COMPLETED
1381	UAIL/LDC/FY23/GWP/1986	WO151193	V SCRAPER BLADE REPLACEMENT WORK.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	18-08-2022 09:33	18-08-2022 11:06	COMPLETED
1385	UAIL/LDC/FY23/GWP/1981	PM146844	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	18-08-2022 01:44	18-08-2022 02:44	COMPLETED
1386	UAIL/LDC/FY23/GWP/1980	W/O	STEEL RACK WELDING WORK	C1A HEADEND	N/R	N/R	17-08-2022 14:41	17-08-2022 17:24	COMPLETED
1387	UAIL/LDC/FY23/GWP/1978	W/O	STEEL RACK WELDING WORK	C1A HEADEND	N/R	N/R	17-08-2022 10:46		COMPLETED
1390	UAIL/LDC/FY23/GWP/1971	PM146825	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/52; UAIL/LDC/FY23/WHP/292	17-08-2022 08:30	17-08-2022 09:42	COMPLETED
1396	UAIL/LDC/FY23/GWP/1962	W/O	BOX CONTAINER MODIICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/290	16-08-2022 09:04	16-08-2022 17:04	COMPLETED
1397	UAIL/LDC/FY23/GWP/1953	WO150519	ROLLER REPLACEMENT WORK AT C1A CURVE 9 AREA.	C1A HEADEND	C1A-669-002-CV9,	N/R	16-08-2022 06:27	16-08-2022 06:37	COMPLETED
1398	UAIL/LDC/FY23/GWP/1944	PM146789	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-002-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPQ2	N/R	15-08-2022 08:04	15-08-2022 09:03	COMPLETED
1400	UAIL/LDC/FY23/GWP/1941	W/O	V SCRAPER REPLACMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	15-08-2022 07:44	15-08-2022 09:49	COMPLETED
1401	UAIL/LDC/FY23/GWP/1939	PM146788	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	15-08-2022 02:29	15-08-2022 02:40	COMPLETED
1405	UAIL/LDC/FY23/GWP/1935	PM146774	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	15-08-2022 00:46	15-08-2022 01:27	COMPLETED
1407	UAIL/LDC/FY23/GWP/1933	W/O	V SCRAPPER BLADE REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	14-08-2022 15:44	14-08-2022 20:47	COMPLETED
1408	UAIL/LDC/FY23/GWP/1927	W/O	WORKSHOP DOOR FABRICATION JOB.	C1A HEADEND	N/R	N/R	14-08-2022 09:33	14-08-2022 16:41	COMPLETED
1409	UAIL/LDC/FY23/GWP/1925	W/O	BARRICADE IN SIDE HOSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	14-08-2022 07:24	14-08-2022 12:33	COMPLETED
1412	UAIL/LDC/FY23/GWP/1920	PM146759	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	14-08-2022 00:37	14-08-2022 01:17	COMPLETED
1413	UAIL/LDC/FY23/GWP/1919	WO150941	ROLLER REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-CV9,	N/R	13-08-2022 22:47	14-08-2022 00:41	COMPLETED
1415	UAIL/LDC/FY23/GWP/1913	W/O	WORK SHOP DOOR FABRICATION WORK	C1A HEADEND	N/R	N/R	13-08-2022 09:40	13-08-2022 17:02	COMPLETED
1417	UAIL/LDC/FY23/GWP/1908	W/O	INSIDE BARRICADE AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	13-08-2022 07:33	13-08-2022 09:47	COMPLETED
1421	UAIL/LDC/FY23/GWP/1903	WO150431	C1B FRAME AND ROLLER REPLACEMENT	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/WHP/289	13-08-2022 06:44	13-08-2022 07:58	COMPLETED
1422	UAIL/LDC/FY23/GWP/1900	WO150420	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/288	12-08-2022 15:48	12-08-2022 16:31	COMPLETED
1423	UAIL/LDC/FY23/GWP/1897	W/O	STEEL LADDER FIT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/286	12-08-2022 09:48	12-08-2022 17:21	COMPLETED
1424	UAIL/LDC/FY23/GWP/1896	W/O	BOX CONTAINER MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/287	12-08-2022 09:49	12-08-2022 17:21	COMPLETED
1425	UAIL/LDC/FY23/GWP/1895	W/O	HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	12-08-2022 08:51	12-08-2022 09:56	COMPLETED
1432	UAIL/LDC/FY23/GWP/1886	PM146702	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	12-08-2022 08:03	12-08-2022 09:59	COMPLETED
1434	UAIL/LDC/FY23/GWP/1883	PM146716	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	12-08-2022 07:49	12-08-2022 08:47	COMPLETED
1435	UAIL/LDC/FY23/GWP/1881	PM146715	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	12-08-2022 07:38	12-08-2022 08:27	COMPLETED
1436	UAIL/LDC/FY23/GWP/1880	PM146714	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	12-08-2022 07:31	12-08-2022 08:15	COMPLETED
1438	UAIL/LDC/FY23/GWP/1870	W/O	STEEL LADDER FIT-UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/284	11-08-2022 09:45	11-08-2022 17:09	COMPLETED
1439	UAIL/LDC/FY23/GWP/1869	W/O	WORKSHOP DOOR FABRICATION WORK	C1A HEADEND	N/R	N/R	11-08-2022 09:38	11-08-2022 17:09	COMPLETED
1440	UAIL/LDC/FY23/GWP/1861	W/O	SHEETING REPLACEMENT WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/283	10-08-2022 09:54	10-08-2022 11:00	COMPLETED
1441	UAIL/LDC/FY23/GWP/1860	W/O	STEEL LADDER FABRICATION WORK	C1A HEADEND	N/R	N/R	10-08-2022 09:31	10-08-2022 17:06	COMPLETED
1443	UAIL/LDC/FY23/GWP/1856	PM146700	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	10-08-2022 03:52	10-08-2022 04:41	COMPLETED

1445	UAIL/LDC/FY23/GWP/1854	PM146699	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	10-08-2022 03:37	10-08-2022 05:04	COMPLETED
1446	UAIL/LDC/FY23/GWP/1853	PM146698	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	10-08-2022 03:31	10-08-2022 05:04	COMPLETED
1447	UAIL/LDC/FY23/GWP/1852	PM146697	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	10-08-2022 03:24	10-08-2022 04:15	COMPLETED
1448	UAIL/LDC/FY23/GWP/1851	PM146696	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	10-08-2022 03:08	10-08-2022 04:13	COMPLETED
1450	UAIL/LDC/FY23/GWP/1848	W/O	LADDAR FABRICATION WORK.	C1A HEADEND	N/R	N/R	09-08-2022 09:29	09-08-2022 17:16	COMPLETED
1451	UAIL/LDC/FY23/GWP/1847	W/O	DOOR FABRICATION WORK.	C1A HEADEND	N/R	N/R	09-08-2022 09:22	09-08-2022 17:17	COMPLETED
1453	UAIL/LDC/FY23/GWP/1843	W/O	INSIDE BARRICATION HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	09-08-2022 08:06	09-08-2022 09:02	COMPLETED
1456	UAIL/LDC/FY23/GWP/1834	PM146684	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	09-08-2022 01:04	09-08-2022 02:24	COMPLETED
1461	UAIL/LDC/FY23/GWP/1829	W/O	BELT NO. 26215 COLD PATCHING WORK OF EDGE .	C1A HEADEND	BC-C1A-669-002	N/R	08-08-2022 22:03	08-08-2022 22:25	COMPLETED
1462	UAIL/LDC/FY23/GWP/1828	W/O	MONKEY LADDER FIT-UP WORK	C1A HEADEND	N/R	N/R	08-08-2022 09:58	08-08-2022 16:49	COMPLETED
1463	UAIL/LDC/FY23/GWP/1827	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	N/R	08-08-2022 09:48	08-08-2022 16:49	COMPLETED
1464	UAIL/LDC/FY23/GWP/1826	W/O	INSIDE AREA HOUSEKEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	08-08-2022 07:33	08-08-2022 09:41	COMPLETED
1465	UAIL/LDC/FY23/GWP/1825	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	08-08-2022 06:48	08-08-2022 09:42	COMPLETED
1466	UAIL/LDC/FY23/GWP/1824	PM146671	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	08-08-2022 02:02	08-08-2022 03:05	COMPLETED
1468	UAIL/LDC/FY23/GWP/1822	PM146670	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	08-08-2022 01:34	08-08-2022 01:53	COMPLETED
1470	UAIL/LDC/FY23/GWP/1820	PM146669	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	08-08-2022 00:44	08-08-2022 01:49	COMPLETED
1472	UAIL/LDC/FY23/GWP/1818	PM146668	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	08-08-2022 00:34	08-08-2022 01:33	COMPLETED
1473	UAIL/LDC/FY23/GWP/1817	PM146665	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	08-08-2022 00:20	08-08-2022 00:54	COMPLETED
1474	UAIL/LDC/FY23/GWP/1816	PM146624	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	07-08-2022 20:06	07-08-2022 20:51	COMPLETED
1475	UAIL/LDC/FY23/GWP/1814	PM146621	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	07-08-2022 19:54	07-08-2022 20:50	COMPLETED
1477	UAIL/LDC/FY23/GWP/1811	PM146623	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	07-08-2022 19:42	07-08-2022 20:46	COMPLETED
1479	UAIL/LDC/FY23/GWP/1809	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/281	07-08-2022 09:08	07-08-2022 16:56	COMPLETED
1481	UAIL/LDC/FY23/GWP/1807	PM146548	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1B TAILEND	C1A-669-002-HE,	N/R	07-08-2022 08:19	07-08-2022 09:29	COMPLETED
1482	UAIL/LDC/FY23/GWP/1806	PM146549	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAILEND	C1A-669-002-HE,	N/R	07-08-2022 08:19	07-08-2022 09:29	COMPLETED
1495	UAIL/LDC/FY23/GWP/1788	WO149095	ROLLER REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-CV9,	N/R	07-08-2022 02:42	07-08-2022 04:13	COMPLETED
1496	UAIL/LDC/FY23/GWP/1787	PM146663	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	07-08-2022 02:56	07-08-2022 04:03	COMPLETED
1497	UAIL/LDC/FY23/GWP/1786	PM146662	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	07-08-2022 02:56	07-08-2022 04:03	COMPLETED
1498	UAIL/LDC/FY23/GWP/1784	PM146622	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	06-08-2022 16:02	06-08-2022 16:27	COMPLETED
1500	UAIL/LDC/FY23/GWP/1782	PM146618	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	06-08-2022 15:51	06-08-2022 16:27	COMPLETED
1502	UAIL/LDC/FY23/GWP/1780	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/280	06-08-2022 09:56	06-08-2022 17:01	COMPLETED
1503	UAIL/LDC/FY23/GWP/1779	W/O	RACK FABRICATION WORK	C1A HEADEND	N/R	N/R	06-08-2022 09:50	06-08-2022 17:02	COMPLETED
1504	UAIL/LDC/FY23/GWP/1778	PM146623	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	06-08-2022 09:01	06-08-2022 09:39	COMPLETED
1505	UAIL/LDC/FY23/GWP/1777	PM146624	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	06-08-2022 09:01	06-08-2022 09:40	COMPLETED
1507	UAIL/LDC/FY23/GWP/1775	PM146548	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	06-08-2022 08:36	06-08-2022 09:40	COMPLETED
1508	UAIL/LDC/FY23/GWP/1774	PM146549	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	06-08-2022 08:36	06-08-2022 09:40	COMPLETED
1509	UAIL/LDC/FY23/GWP/1773	PM146630	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	06-08-2022 08:09	06-08-2022 09:40	COMPLETED
1510	UAIL/LDC/FY23/GWP/1772	PM146631	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	06-08-2022 08:09	06-08-2022 09:34	COMPLETED
1511	UAIL/LDC/FY23/GWP/1771	PM146633	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	06-08-2022 07:58	06-08-2022 09:35	COMPLETED
1512	UAIL/LDC/FY23/GWP/1770	PM146629	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	06-08-2022 07:57	06-08-2022 08:47	COMPLETED
1513	UAIL/LDC/FY23/GWP/1769	PM146628	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	06-08-2022 07:57	06-08-2022 09:08	COMPLETED
1514	UAIL/LDC/FY23/GWP/1768	PM146635	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	06-08-2022 07:47	06-08-2022 09:35	COMPLETED
1515	UAIL/LDC/FY23/GWP/1767	PM146636	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-VSCR2	N/R	06-08-2022 07:32	06-08-2022 09:36	COMPLETED

1518	UAIL/LDC/FY23/GWP/1764	PM146637	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-VSCR1	N/R	06-08-2022 07:20	06-08-2022 09:27	COMPLETED
1521	UAIL/LDC/FY23/GWP/1757	W/O	STEEL RACK FABRICATION WORK.	C1A HEADEND	N/R	N/R	05-08-2022 09:34	05-08-2022 17:05	COMPLETED
1522	UAIL/LDC/FY23/GWP/1755	W/O	BOX CONTAINER MODIFICATION WORK.	C1A HEADEND	N/R	N/R	05-08-2022 09:29	05-08-2022 17:05	COMPLETED
1523	UAIL/LDC/FY23/GWP/1754	PM146605	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	05-08-2022 09:10	05-08-2022 09:49	COMPLETED
1524	UAIL/LDC/FY23/GWP/1753	PM146601	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	05-08-2022 09:02	05-08-2022 09:53	COMPLETED
1525	UAIL/LDC/FY23/GWP/1752	PM146594	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	05-08-2022 09:02	05-08-2022 09:53	COMPLETED
1526	UAIL/LDC/FY23/GWP/1751	PM146616	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	05-08-2022 08:41	05-08-2022 09:03	COMPLETED
1529	UAIL/LDC/FY23/GWP/1748	WO145512	LINER PLATE REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/51; UAIL/LDC/FY23/WHP/278	05-08-2022 06:30	05-08-2022 09:53	COMPLETED
1530	UAIL/LDC/FY23/GWP/1746	W/O	RACK FABRICATION WORK	IMJH	N/R	N/R	04-08-2022 09:28	04-08-2022 17:20	COMPLETED
1531	UAIL/LDC/FY23/GWP/1745	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	N/R	04-08-2022 09:28	04-08-2022 17:20	COMPLETED
1535	UAIL/LDC/FY23/GWP/1741	WO145249	LUBRICATON	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	04-08-2022 07:45	04-08-2022 09:48	COMPLETED
1540	UAIL/LDC/FY23/GWP/1734	WO148938	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV9,	N/R	04-08-2022 06:55	04-08-2022 07:11	COMPLETED
1541	UAIL/LDC/FY23/GWP/1732	WO148871	ROLLER REPLACEMENT WORK .	C1A HEADEND	C1A-669-002-CV2,	N/R	03-08-2022 15:01	03-08-2022 15:03	COMPLETED
1542	UAIL/LDC/FY23/GWP/1731	W/O	RACK FABRICATION WORK.	IMJH	N/R	N/R	03-08-2022 09:43	03-08-2022 16:55	COMPLETED
1551	UAIL/LDC/FY23/GWP/1713	W/O	STEEL RACK FABRICATION WORK.	C1A HEADEND	N/R	N/R	02-08-2022 09:34	02-08-2022 17:21	COMPLETED
1552	UAIL/LDC/FY23/GWP/1712	W/O	BOX CONTAINER MODIFICATION WORK.	C1A HEADEND	N/R	N/R	02-08-2022 09:33	02-08-2022 17:20	COMPLETED
1557	UAIL/LDC/FY23/GWP/1705	PM146543	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	02-08-2022 09:43	25-08-2022 09:10	COMPLETED
1558	UAIL/LDC/FY23/GWP/1703	PM146541	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-001-FORTNIGHTLY	C1A HEADEND	C1B-669-001-HE,	N/R	02-08-2022 07:17	02-08-2022 08:00	COMPLETED
1559	UAIL/LDC/FY23/GWP/1702	WO148842	ROLLER REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	02-08-2022 06:51	02-08-2022 07:43	COMPLETED
1561	UAIL/LDC/FY23/GWP/1697	W/O	PLAT FORM MODIFICATION WORK	C1A HEADEND	N/R	N/R	01-08-2022 09:45	01-08-2022 17:02	COMPLETED
1569	UAIL/LDC/FY23/GWP/1684	W/O	PLATFORM EXTENSION WORK AT IMJH	C1A HEADEND	N/R	N/R	31-07-2022 09:26	31-07-2022 17:12	COMPLETED
1571	UAIL/LDC/FY23/GWP/1682	W/O	INSIDE BARRICADE AREA HOUSEKEEPING.	C1A HEADEND	C1A-669-002-HE,	N/R	31-07-2022 08:20	31-07-2022 09:38	COMPLETED
1576	UAIL/LDC/FY23/GWP/1675	W/O	BOX CONTAINER MODIFICATION WORK.	IJH	N/R	N/R	30-07-2022 09:30	30-07-2022 17:14	COMPLETED
1578	UAIL/LDC/FY23/GWP/1673	W/O	INSIDE BARRICADE AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	30-07-2022 07:14	30-07-2022 09:41	COMPLETED
1582	UAIL/LDC/FY23/GWP/1668	WO139871	V SCRAPER REPLACEMENT AT C1B TAIL END	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	29-07-2022 09:44	29-07-2022 10:28	COMPLETED
1584	UAIL/LDC/FY23/GWP/1666	W/O	BOX CONTAINER MODIFICATION WORK.	C1A HEADEND	N/R	N/R	29-07-2022 09:29	29-07-2022 17:03	COMPLETED
1585	UAIL/LDC/FY23/GWP/1665	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	N/R	N/R	29-07-2022 09:29	29-07-2022 17:07	COMPLETED
1590	UAIL/LDC/FY23/GWP/1657	W/O	BOX CONTAINER MODIFICATION WORK	IMJH	N/R	N/R	28-07-2022 09:58	28-07-2022 17:19	COMPLETED
1594	UAIL/LDC/FY23/GWP/1653	PM117416	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	28-07-2022 09:04	28-07-2022 09:49	COMPLETED
1595	UAIL/LDC/FY23/GWP/1651	WO139815	Discharge chute not bolt replacement work .	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/50; UAIL/LDC/FY23/WHP/268	28-07-2022 08:30	28-07-2022 09:36	COMPLETED
1598	UAIL/LDC/FY23/GWP/1642	W/O	SAFETY GUARD POST WELDING WORK	C1A HEADEND	N/R	N/R	27-07-2022 10:17	27-07-2022 17:17	COMPLETED
1600	UAIL/LDC/FY23/GWP/1638	PM117401	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	27-07-2022 08:20	27-07-2022 09:25	COMPLETED
1606	UAIL/LDC/FY23/GWP/1632	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	27-07-2022 07:26	27-07-2022 09:25	COMPLETED
1610	UAIL/LDC/FY23/GWP/1628	PM117404	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	27-07-2022 06:46	27-07-2022 09:26	COMPLETED
1614	UAIL/LDC/FY23/GWP/1624	W/O	BOX CONTAINER MODIFICATION WORK.	C1A HEADEND	N/R	N/R	26-07-2022 09:04	26-07-2022 17:11	COMPLETED
1620	UAIL/LDC/FY23/GWP/1618	W/O	EQUIPMENT LUBRICATION	C1A HEADEND	C1A-669-002-HE,	N/R	26-07-2022 06:59	26-07-2022 09:39	COMPLETED
1622	UAIL/LDC/FY23/GWP/1616	W/O	INSIDE HOUSEKEEPING AT C1B TAIL END	C1B TAIL END	C1B-669-004-TE,	N/R	26-07-2022 07:00	26-07-2022 09:39	COMPLETED
1629	UAIL/LDC/FY23/GWP/1604	W/O	AREA HOUSE KEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	25-07-2022 07:21	25-07-2022 08:58	COMPLETED
1632	UAIL/LDC/FY23/GWP/1601	W/O	EQUIPMENT CLEANING AND LUBRICATION	C1A HEADEND	C1A-669-002-HE,	N/R	25-07-2022 07:04	25-07-2022 09:10	COMPLETED
1636	UAIL/LDC/FY23/GWP/1597	W/O	INSIDE BARICATION HOUSEKEEPING AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	25-07-2022 07:02	25-07-2022 09:12	COMPLETED
1640	UAIL/LDC/FY23/GWP/1593	PM117364	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-009-BI MONTHLY	C1A HEADEND	ALS-C1B-669-004,	N/R	24-07-2022 07:53	24-07-2022 08:43	COMPLETED
1641	UAIL/LDC/FY23/GWP/1592	PM117362	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-006-BI MONTHLY	C1A HEADEND	ALS2-C1A-669-002,	N/R	24-07-2022 07:54	24-07-2022 08:43	COMPLETED

1642	UAIL/LDC/FY23/GWP/1591	PM117361	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-002-BI MONTHLY	C1A HEADEND	ALS1-C1A-669-002,	N/R	24-07-2022 07:18	24-07-2022 08:43	COMPLETED
1643	UAIL/LDC/FY23/GWP/1590	PM117363	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LU-GA-G3-12-008-BI MONTHLY	C1A HEADEND	ALS3-C1A-669-002,	N/R	24-07-2022 07:06	24-07-2022 08:43	COMPLETED
1644	UAIL/LDC/FY23/GWP/1589	PM117360	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	24-07-2022 07:06	24-07-2022 07:34	COMPLETED
1645	UAIL/LDC/FY23/GWP/1588	PM117359	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	24-07-2022 07:06	24-07-2022 07:33	COMPLETED
1646	UAIL/LDC/FY23/GWP/1587	WO131396	ROLLER REPLACEMENT AT C1A CURVE-9	C1A HEADEND	C1A-669-002-CV9,	N/R	24-07-2022 06:38	24-07-2022 08:44	COMPLETED
1647	UAIL/LDC/FY23/GWP/1586	PM117365	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-07-2022 00:40	24-07-2022 02:01	COMPLETED
1650	UAIL/LDC/FY23/GWP/1582	PM117302	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	23-07-2022 08:20	23-07-2022 08:21	COMPLETED
1653	UAIL/LDC/FY23/GWP/1579	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	23-07-2022 07:15	23-07-2022 07:41	COMPLETED
1654	UAIL/LDC/FY23/GWP/1578	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	N/R	23-07-2022 07:00	23-07-2022 08:18	COMPLETED
1656	UAIL/LDC/FY23/GWP/1575	PM117305	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	22-07-2022 11:10	22-07-2022 12:18	COMPLETED
1657	UAIL/LDC/FY23/GWP/1574	W/O	PLATFORM MODIFICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/258	22-07-2022 10:06	22-07-2022 17:22	COMPLETED
1660	UAIL/LDC/FY23/GWP/1570	WO131985	V-SCRAPER REPLACEMENT	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	22-07-2022 07:36	22-07-2022 09:12	COMPLETED
1661	UAIL/LDC/FY23/GWP/1569	PM117339	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	22-07-2022 06:01	22-07-2022 07:08	COMPLETED
1662	UAIL/LDC/FY23/GWP/1568	PM117344	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	22-07-2022 05:33	22-07-2022 05:59	COMPLETED
1663	UAIL/LDC/FY23/GWP/1567	PM117343	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	22-07-2022 05:33	22-07-2022 07:09	COMPLETED
1664	UAIL/LDC/FY23/GWP/1566	PM117342	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	22-07-2022 05:33	22-07-2022 07:09	COMPLETED
1665	UAIL/LDC/FY23/GWP/1565	PM117341	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	22-07-2022 05:34	22-07-2022 07:40	COMPLETED
1666	UAIL/LDC/FY23/GWP/1564	PM117340	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	22-07-2022 05:34	22-07-2022 07:43	COMPLETED
1669	UAIL/LDC/FY23/GWP/1561	PM117328	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	21-07-2022 23:15	22-07-2022 00:52	COMPLETED
1670	UAIL/LDC/FY23/GWP/1560	PM117330	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	21-07-2022 23:15	22-07-2022 00:52	COMPLETED
1671	UAIL/LDC/FY23/GWP/1559	PM117331	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	21-07-2022 23:15	22-07-2022 00:53	COMPLETED
1672	UAIL/LDC/FY23/GWP/1558	PM117334	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	21-07-2022 23:16	22-07-2022 00:53	COMPLETED
1673	UAIL/LDC/FY23/GWP/1557	PM117333	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	21-07-2022 15:47	21-07-2022 16:27	COMPLETED
1674	UAIL/LDC/FY23/GWP/1556	PM117332	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	21-07-2022 15:39	21-07-2022 16:27	COMPLETED
1676	UAIL/LDC/FY23/GWP/1554	PM117317	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	21-07-2022 15:22	21-07-2022 16:27	COMPLETED
1677	UAIL/LDC/FY23/GWP/1553	PM117316	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	21-07-2022 15:22	21-07-2022 16:27	COMPLETED
1679	UAIL/LDC/FY23/GWP/1541	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEAD END	N/R	N/R	21-07-2022 09:26	21-07-2022 16:58	COMPLETED
1680	UAIL/LDC/FY23/GWP/1540	PM117301	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	20-07-2022 13:05	20-07-2022 14:10	COMPLETED
1681	UAIL/LDC/FY23/GWP/1538	PM117310	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	20-07-2022 12:00	20-07-2022 12:55	COMPLETED
1684	UAIL/LDC/FY23/GWP/1534	WO130843	ROLLER REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-CV9,	N/R	20-07-2022 09:03	20-07-2022 09:06	COMPLETED
1686	UAIL/LDC/FY23/GWP/1532	PM117300	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	20-07-2022 07:42	20-07-2022 07:55	COMPLETED
1689	UAIL/LDC/FY23/GWP/1529	PM117297	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	20-07-2022 07:06	20-07-2022 07:38	COMPLETED
1691	UAIL/LDC/FY23/GWP/1527	W/O	MONO-RAIL BEAM WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/255	19-07-2022 08:56	19-07-2022 17:02	COMPLETED
1692	UAIL/LDC/FY23/GWP/1526	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	19-07-2022 07:37	20-07-2022 11:56	COMPLETED
1694	UAIL/LDC/FY23/GWP/1524	PM117291	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	19-07-2022 09:41	20-07-2022 11:56	COMPLETED
1696	UAIL/LDC/FY23/GWP/1521	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEADEND	N/R	N/R	18-07-2022 09:51	18-07-2022 16:49	COMPLETED
1701	UAIL/LDC/FY23/GWP/1512	WO130704	ROLLER REPLACEMENT WORK AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	N/R	18-07-2022 07:08	18-07-2022 09:22	COMPLETED
1702	UAIL/LDC/FY23/GWP/1504	W/O	MONO-RAIL BEAM FABRICATION WORK.	C1A HEADEND	N/R	N/R	17-07-2022 09:13	17-07-2022 17:03	COMPLETED
1704	UAIL/LDC/FY23/GWP/1502	PM117251	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	17-07-2022 08:13	17-07-2022 10:06	COMPLETED
1705	UAIL/LDC/FY23/GWP/1496	PM117250	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	17-07-2022 04:48	17-07-2022 05:10	COMPLETED
1706	UAIL/LDC/FY23/GWP/1495	PM117249	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	17-07-2022 04:17	17-07-2022 04:57	COMPLETED
1707	UAIL/LDC/FY23/GWP/1494	PM117248	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	17-07-2022 04:09	17-07-2022 04:53	COMPLETED

1708	UAIL/LDC/FY23/GWP/1493	PM117245	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	17-07-2022 03:29	17-07-2022 04:37	COMPLETED
1709	UAIL/LDC/FY23/GWP/1492	PM117244	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	17-07-2022 03:20	17-07-2022 04:35	COMPLETED
1710	UAIL/LDC/FY23/GWP/1491	PM117247	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	17-07-2022 03:13	17-07-2022 04:00	COMPLETED
1711	UAIL/LDC/FY23/GWP/1490	PM117246	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	17-07-2022 03:04	17-07-2022 03:57	COMPLETED
1712	UAIL/LDC/FY23/GWP/1477	W/O	BOX CONTAINER MODIFICATION WORK.	IMJH	N/R	N/R	16-07-2022 09:29	16-07-2022 17:06	COMPLETED
1713	UAIL/LDC/FY23/GWP/1475	PM117228	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	16-07-2022 09:11	16-07-2022 10:01	COMPLETED
1714	UAIL/LDC/FY23/GWP/1474	PM117214	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	16-07-2022 08:52	16-07-2022 10:01	COMPLETED
1715	UAIL/LDC/FY23/GWP/1471	PM117213	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	16-07-2022 08:39	16-07-2022 10:02	COMPLETED
1716	UAIL/LDC/FY23/GWP/1469	PM117231	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	16-07-2022 08:28	16-07-2022 09:07	COMPLETED
1717	UAIL/LDC/FY23/GWP/1468	PM117230	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	16-07-2022 08:28	16-07-2022 09:06	COMPLETED
1719	UAIL/LDC/FY23/GWP/1466	PM117212	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	16-07-2022 08:06	16-07-2022 08:36	COMPLETED
1721	UAIL/LDC/FY23/GWP/1464	PM117211	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	16-07-2022 07:39	16-07-2022 08:24	COMPLETED
1727	UAIL/LDC/FY23/GWP/1453	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/251	15-07-2022 11:21	15-07-2022 12:39	COMPLETED
1729	UAIL/LDC/FY23/GWP/1451	W/O	BOX CONTAINER MODIFICATION WORK	C1A HEADEND	N/R	N/R	15-07-2022 09:33	15-07-2022 17:01	COMPLETED
1734	UAIL/LDC/FY23/GWP/1431	W/O	BOX CONTAINER WELDING & CUTTING WORK.	IMJH	N/R	N/R	14-07-2022 09:40	14-07-2022 17:02	COMPLETED
1738	UAIL/LDC/FY23/GWP/1420	PM117183	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-HALF YEARLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	14-07-2022 07:39	14-07-2022 09:51	COMPLETED
1739	UAIL/LDC/FY23/GWP/1419	PM117179	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/47	14-07-2022 07:37	14-07-2022 09:49	COMPLETED
1740	UAIL/LDC/FY23/GWP/1418	PM117182	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-HALF YEARLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	14-07-2022 07:39	14-07-2022 08:28	COMPLETED
1744	UAIL/LDC/FY23/GWP/1411	PM117181	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	14-07-2022 02:14	14-07-2022 05:22	COMPLETED
1745	UAIL/LDC/FY23/GWP/1410	PM117187	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	14-07-2022 02:14	14-07-2022 05:23	COMPLETED
1752	UAIL/LDC/FY23/GWP/1395	WO128723	ROLLER REPLACEMENT WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	12-07-2022 21:12	12-07-2022 21:42	COMPLETED
1753	UAIL/LDC/FY23/GWP/1391	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/249	12-07-2022 09:48	12-07-2022 17:18	COMPLETED
1759	UAIL/LDC/FY23/GWP/1383	W/O	HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	11-07-2022 10:43	11-07-2022 11:53	COMPLETED
1760	UAIL/LDC/FY23/GWP/1379	W/O	CONTAINER SHED WELDING & CUTTING WORK	IMJH	N/R	N/R	11-07-2022 09:52	11-07-2022 17:18	COMPLETED
1761	UAIL/LDC/FY23/GWP/1378	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/248	11-07-2022 09:52	11-07-2022 17:19	COMPLETED
1763	UAIL/LDC/FY23/GWP/1375	PM117128	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	10-07-2022 16:18	10-07-2022 17:38	COMPLETED
1770	UAIL/LDC/FY23/GWP/1367	W/O	INSIDE BARRICADE AREA HOUSEKEEPING WORK.	C1A HEADEND	C1B-669-001-HE,	N/R	10-07-2022 14:50	10-07-2022 17:38	COMPLETED
1771	UAIL/LDC/FY23/GWP/1361	W/O	CONTAINER SUPPORT STRUCTURE FABRICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/246	10-07-2022 09:47	10-07-2022 16:57	COMPLETED
1772	UAIL/LDC/FY23/GWP/1357	PM117117	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-HALF YEARLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP3	N/R	09-07-2022 16:24	09-07-2022 17:18	COMPLETED
1773	UAIL/LDC/FY23/GWP/1356	PM117115	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	09-07-2022 16:27	09-07-2022 17:18	COMPLETED
1774	UAIL/LDC/FY23/GWP/1355	PM117114	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	09-07-2022 16:30	09-07-2022 17:17	COMPLETED
1776	UAIL/LDC/FY23/GWP/1353	PM117109	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	09-07-2022 16:08	09-07-2022 17:17	COMPLETED
1778	UAIL/LDC/FY23/GWP/1351	PM117112	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	09-07-2022 15:16	09-07-2022 16:03	COMPLETED
1785	UAIL/LDC/FY23/GWP/1342	PM117087	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	08-07-2022 16:32	08-07-2022 17:01	COMPLETED
1786	UAIL/LDC/FY23/GWP/1341	PM117082	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-SC-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	08-07-2022 16:33	08-07-2022 17:02	COMPLETED
1787	UAIL/LDC/FY23/GWP/1340	PM117072	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	08-07-2022 16:33	08-07-2022 17:02	COMPLETED
1790	UAIL/LDC/FY23/GWP/1337	PM117044	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	08-07-2022 16:07	08-07-2022 16:52	COMPLETED
1791	UAIL/LDC/FY23/GWP/1336	PM117105	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	08-07-2022 15:45	08-07-2022 16:37	COMPLETED
1792	UAIL/LDC/FY23/GWP/1335	PM117104	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	08-07-2022 15:36	08-07-2022 16:37	COMPLETED
1795	UAIL/LDC/FY23/GWP/1329	W/O	CHEQUERED PLATE REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/244	08-07-2022 09:33	08-07-2022 17:06	COMPLETED
1797	UAIL/LDC/FY23/GWP/1325	PM117086	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	08-07-2022 05:49	08-07-2022 06:13	COMPLETED
1798	UAIL/LDC/FY23/GWP/1324	PM117078	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	08-07-2022 05:29	08-07-2022 06:13	COMPLETED

1799	UAIL/LDC/FY23/GWP/1323	PM117077	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	08-07-2022 05:30	08-07-2022 06:13	COMPLETED
1800	UAIL/LDC/FY23/GWP/1322	PM117085	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	07-07-2022 17:22	07-07-2022 17:49	COMPLETED
1801	UAIL/LDC/FY23/GWP/1321	PM117081	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	07-07-2022 17:12	07-07-2022 17:49	COMPLETED
1802	UAIL/LDC/FY23/GWP/1320	PM117080	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	07-07-2022 17:12	07-07-2022 17:48	COMPLETED
1803	UAIL/LDC/FY23/GWP/1319	PM117079	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	07-07-2022 17:12	07-07-2022 17:48	COMPLETED
1804	UAIL/LDC/FY23/GWP/1318	PM117041	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	07-07-2022 16:46	07-07-2022 17:44	COMPLETED
1805	UAIL/LDC/FY23/GWP/1317	PM117045	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	07-07-2022 16:47	07-07-2022 17:20	COMPLETED
1806	UAIL/LDC/FY23/GWP/1316	PM117040	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	07-07-2022 15:53	07-07-2022 17:09	COMPLETED
1807	UAIL/LDC/FY23/GWP/1315	PM116998	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	07-07-2022 15:44	07-07-2022 17:09	COMPLETED
1808	UAIL/LDC/FY23/GWP/1314	PM117048	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	07-07-2022 15:44	07-07-2022 17:09	COMPLETED
1809	UAIL/LDC/FY23/GWP/1313	PM117047	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	07-07-2022 15:45	07-07-2022 16:41	COMPLETED
1810	UAIL/LDC/FY23/GWP/1312	PM117083	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	07-07-2022 14:51	07-07-2022 16:41	COMPLETED
1814	UAIL/LDC/FY23/GWP/1306	PM117037	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	07-07-2022 07:41	07-07-2022 08:10	COMPLETED
1815	UAIL/LDC/FY23/GWP/1305	PM117036	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	07-07-2022 07:27	07-07-2022 08:07	COMPLETED
1818	UAIL/LDC/FY23/GWP/1302	PM117061	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	06-07-2022 15:56	06-07-2022 17:33	COMPLETED
1819	UAIL/LDC/FY23/GWP/1301	PM117060	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	06-07-2022 15:56	06-07-2022 17:33	COMPLETED
1821	UAIL/LDC/FY23/GWP/1296	PM117063	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	06-07-2022 15:17	06-07-2022 17:33	COMPLETED
1822	UAIL/LDC/FY23/GWP/1295	PM117069	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	06-07-2022 15:17	06-07-2022 17:33	COMPLETED
1823	UAIL/LDC/FY23/GWP/1294	PM117071	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	06-07-2022 15:17	06-07-2022 17:33	COMPLETED
1824	UAIL/LDC/FY23/GWP/1293	PM117073	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	06-07-2022 15:18	06-07-2022 15:47	COMPLETED
1825	UAIL/LDC/FY23/GWP/1292	PM117074	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	06-07-2022 15:18	06-07-2022 15:47	COMPLETED
1829	UAIL/LDC/FY23/GWP/1287	W/O	2" PIPE LINE FITUP WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/WHP/239	06-07-2022 06:32	06-07-2022 12:30	COMPLETED
1830	UAIL/LDC/FY23/GWP/1285	W/O	DAMAGED CHEQUERED PLATE REPLACEMENT WORK NEAR T1 BEND PULLEY TOP AREA	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/238	05-07-2022 09:16	05-07-2022 17:04	COMPLETED
1833	UAIL/LDC/FY23/GWP/1278	W/O	DEFLECTOR LINER PLATE REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/45; UAIL/LDC/FY23/WHP/234	04-07-2022 09:37	04-07-2022 10:24	COMPLETED
1837	UAIL/LDC/FY23/GWP/1274	PM117025	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	04-07-2022 08:23	04-07-2022 10:28	COMPLETED
1840	UAIL/LDC/FY23/GWP/1269	W/O	HOIST PM WORK.	C1A HEADEND	N/R	N/R	03-07-2022 09:39	03-07-2022 17:02	COMPLETED
1846	UAIL/LDC/FY23/GWP/1263	PM116973	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-001-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP2,	N/R	01-07-2022 17:04	01-07-2022 17:52	COMPLETED
1847	UAIL/LDC/FY23/GWP/1262	PM116976	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-004-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP1,	N/R	01-07-2022 15:45	01-07-2022 16:57	COMPLETED
1848	UAIL/LDC/FY23/GWP/1261	PM116975	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-003-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP4,	N/R	01-07-2022 15:35	01-07-2022 16:24	COMPLETED
1850	UAIL/LDC/FY23/GWP/1258	PM116974	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-002-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP3,	N/R	01-07-2022 15:17	01-07-2022 16:23	COMPLETED
1851	UAIL/LDC/FY23/GWP/1257	PM116983	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	01-07-2022 15:14	01-07-2022 16:21	COMPLETED
1853	UAIL/LDC/FY23/GWP/1252	PM92876	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/43; UAIL/LDC/FY23/WHP/231	30-06-2022 17:18	30-06-2022 17:52	COMPLETED
1856	UAIL/LDC/FY23/GWP/1246	PM92878	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	UAIL/LDC/FY23/CSE/41	30-06-2022 15:14	30-06-2022 17:22	COMPLETED
1860	UAIL/LDC/FY23/GWP/1241	W/O	HOIST PM WORK	1A DISCHARGE CHUT	N/R	UAIL/LDC/FY23/WHP/229	30-06-2022 13:51	30-06-2022 17:11	COMPLETED
1863	UAIL/LDC/FY23/GWP/1236	W/O	SAFETY GUARD CUTTING WORK	C1A HEADEND	N/R	N/R	29-06-2022 10:07	29-06-2022 17:23	COMPLETED
1865	UAIL/LDC/FY23/GWP/1234	PM92872	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	28-06-2022 15:37	28-06-2022 17:03	COMPLETED
1866	UAIL/LDC/FY23/GWP/1233	W/O	PIPE LINE WELDING WORK.	C1A HEADEND	N/R	N/R	28-06-2022 15:19	28-06-2022 17:03	COMPLETED
1869	UAIL/LDC/FY23/GWP/1230	WO112124	NUT BOLT REPLACE MENT WORK AT C1A DISCHARGE CHUTE AT IMJH	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/40; UAIL/LDC/FY23/WHP/226	28-06-2022 15:08	28-06-2022 17:08	COMPLETED
1872	UAIL/LDC/FY23/GWP/1226	W/O	PIPE LINE FIT-UP AND WELDING WORK.	C1B TAIL END	N/R	N/R	28-06-2022 09:02	28-06-2022 17:01	COMPLETED
1873	UAIL/LDC/FY23/GWP/1225	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/224	28-06-2022 08:56	28-06-2022 16:58	COMPLETED
1876	UAIL/LDC/FY23/GWP/1218	PM92866	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-HALF YEARLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	27-06-2022 15:27	27-06-2022 17:27	COMPLETED
1880	UAIL/LDC/FY23/GWP/1213	PM92859	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	27-06-2022 14:58	27-06-2022 17:35	COMPLETED

1883	UAIL/LDC/FY23/GWP/1207	WO112000	ROLLER REPLACEMENT WORK AT CURVE-3	C1A HEADEND	C1A-669-002-CV3,	UAIL/LDC/FY23/WHP/220	26-06-2022 14:06	26-06-2022 14:23	COMPLETED
1884	UAIL/LDC/FY23/GWP/1206	W/O	PLATFORM EXTINSION & STAIRCASE MODIFICATION WORK NEAR T1 TOP BEND PULLEY (RHS)	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/219	26-06-2022 09:06	26-06-2022 16:59	COMPLETED
1886	UAIL/LDC/FY23/GWP/1202	W/O	C1A H.E MOTOR-4 HORIZONTAL COOLING FAN REPLACEMENT WORK AT IMJH.	C1A HEADEND	BCC1A-669-002-M4-CF1,	UAIL/LDC/FY23/WHP/218	26-06-2022 01:59	26-06-2022 04:28	COMPLETED
1889	UAIL/LDC/FY23/GWP/1199	PM92839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	25-06-2022 17:56	25-06-2022 18:45	COMPLETED
1895	UAIL/LDC/FY23/GWP/1193	WO112932	BELT EDGE REPAIRING WORK	C1A HEADEND	BC-C1A-669-002,	N/R	25-06-2022 15:12	25-06-2022 21:42	COMPLETED
1900	UAIL/LDC/FY23/GWP/1184	PM92835	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-06-2022 19:02	24-06-2022 19:06	COMPLETED
1902	UAIL/LDC/FY23/GWP/1182	WO111370	C1A BELT EDGE REPAIRING WORK at IJH.	C1A HEADEND	BC-C1A-669-002,	N/R	24-06-2022 15:00	24-06-2022 20:28	COMPLETED
1905	UAIL/LDC/FY23/GWP/1178	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/214	24-06-2022 09:01	24-06-2022 17:10	COMPLETED
1907	UAIL/LDC/FY23/GWP/1176	PM92810	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/39	23-06-2022 19:29	23-06-2022 20:23	COMPLETED
1908	UAIL/LDC/FY23/GWP/1175	PM92818	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BP-PS-S24-PD-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-BP,	N/R	23-06-2022 19:29	23-06-2022 20:23	COMPLETED
1913	UAIL/LDC/FY23/GWP/1168	WO110711	C1A BELT EDGE REPAIRING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	N/R	23-06-2022 18:49	23-06-2022 20:24	COMPLETED
1917	UAIL/LDC/FY23/GWP/1162	PM92806	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	22-06-2022 17:07	22-06-2022 17:33	COMPLETED
1918	UAIL/LDC/FY23/GWP/1161	PM92809	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	22-06-2022 16:38	22-06-2022 17:33	COMPLETED
1919	UAIL/LDC/FY23/GWP/1160	PM92812	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	22-06-2022 16:39	22-06-2022 17:34	COMPLETED
1920	UAIL/LDC/FY23/GWP/1158	PM92813	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	22-06-2022 15:15	22-06-2022 15:42	COMPLETED
1921	UAIL/LDC/FY23/GWP/1157	PM92814	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	22-06-2022 15:43	22-06-2022 16:17	COMPLETED
1922	UAIL/LDC/FY23/GWP/1156	PM92816	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	22-06-2022 15:44	22-06-2022 16:17	COMPLETED
1923	UAIL/LDC/FY23/GWP/1155	PM92817	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	22-06-2022 14:43	22-06-2022 15:39	COMPLETED
1924	UAIL/LDC/FY23/GWP/1154	WO111033	ROLLER REPLACEMENT WORK AT C1A CV-1 AND CV-2 AREA.	C1A HEADEND	C1A-669-002-CV5,	N/R	22-06-2022 14:35	22-06-2022 17:01	COMPLETED
1927	UAIL/LDC/FY23/GWP/1151	PM92797	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	21-06-2022 15:59	21-06-2022 17:37	COMPLETED
1928	UAIL/LDC/FY23/GWP/1150	PM92799	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	21-06-2022 16:00	21-06-2022 17:38	COMPLETED
1929	UAIL/LDC/FY23/GWP/1149	PM92798	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	21-06-2022 15:32	21-06-2022 17:33	COMPLETED
1930	UAIL/LDC/FY23/GWP/1148	PM92795	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	21-06-2022 15:33	21-06-2022 17:34	COMPLETED
1931	UAIL/LDC/FY23/GWP/1147	PM92793	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	21-06-2022 15:33	21-06-2022 17:34	COMPLETED
1932	UAIL/LDC/FY23/GWP/1146	PM92800	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	21-06-2022 15:07	21-06-2022 17:38	COMPLETED
1934	UAIL/LDC/FY23/GWP/1143	PM92796	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	21-06-2022 14:32	21-06-2022 17:34	COMPLETED
1935	UAIL/LDC/FY23/GWP/1142	W/O	HOIST MOTOR ERACTION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/208	21-06-2022 09:43	21-06-2022 17:26	COMPLETED
1937	UAIL/LDC/FY23/GWP/1140	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/207	21-06-2022 09:28	21-06-2022 17:26	COMPLETED
1941	UAIL/LDC/FY23/GWP/1136	PM92774	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	20-06-2022 16:05	20-06-2022 17:40	COMPLETED
1942	UAIL/LDC/FY23/GWP/1135	PM92773	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP3	N/R	20-06-2022 16:05	20-06-2022 17:41	COMPLETED
1943	UAIL/LDC/FY23/GWP/1134	PM92772	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	20-06-2022 16:05	20-06-2022 17:41	COMPLETED
1945	UAIL/LDC/FY23/GWP/1132	PM92777	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	20-06-2022 15:30	20-06-2022 15:59	COMPLETED
1946	UAIL/LDC/FY23/GWP/1131	PM92778	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	20-06-2022 15:30	20-06-2022 16:00	COMPLETED
1947	UAIL/LDC/FY23/GWP/1130	PM92779	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	20-06-2022 15:30	20-06-2022 16:00	COMPLETED
1948	UAIL/LDC/FY23/GWP/1129	PM92783	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	20-06-2022 15:30	20-06-2022 17:40	COMPLETED
1949	UAIL/LDC/FY23/GWP/1128	WO110490	PRIMARY SCRAPER BLADE REPLACEMENT WORK AT IJH DISCHARGE CHUTE.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	20-06-2022 14:59	20-06-2022 17:37	COMPLETED
1950	UAIL/LDC/FY23/GWP/1127	WO107419	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	20-06-2022 14:46	20-06-2022 17:51	COMPLETED
1954	UAIL/LDC/FY23/GWP/1120	PM92761	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	19-06-2022 15:04	19-06-2022 17:16	COMPLETED
1955	UAIL/LDC/FY23/GWP/1119	PM92759	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-003-HALF YEARLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-0ºB	N/R	19-06-2022 15:05	19-06-2022 17:13	COMPLETED
1957	UAIL/LDC/FY23/GWP/1117	WO107419	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	19-06-2022 14:41	19-06-2022 18:02	COMPLETED
1959	UAIL/LDC/FY23/GWP/1115	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/203	19-06-2022 09:15	19-06-2022 17:01	COMPLETED
1963	UAIL/LDC/FY23/GWP/1111	W/O	CHUTE INSPECTION	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/38; UAIL/LDC/FY23/WHP/202	18-06-2022 15:17	18-06-2022 17:28	COMPLETED

1964	UAIL/LDC/FY23/GWP/1110	W/O	INSIDE HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	18-06-2022 14:53	18-06-2022 17:29	COMPLETED
1968	UAIL/LDC/FY23/GWP/1097	WO109224	C1A DISCHARGE CHUTE MISSING NUT BOLT FIT UP WORK..	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/37; UAIL/LDC/FY23/WHP/198	17-06-2022 14:57	17-06-2022 17:31	COMPLETED
1969	UAIL/LDC/FY23/GWP/1096	WO107419	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	17-06-2022 14:48	17-06-2022 17:52	COMPLETED
1971	UAIL/LDC/FY23/GWP/1092	W/O	PLATFORM EXTENTION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/197	17-06-2022 09:01	17-06-2022 17:25	COMPLETED
1975	UAIL/LDC/FY23/GWP/1088	PM92718	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	16-06-2022 15:23	16-06-2022 17:32	COMPLETED
1976	UAIL/LDC/FY23/GWP/1087	PM92704	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	16-06-2022 15:47	16-06-2022 17:32	COMPLETED
1979	UAIL/LDC/FY23/GWP/1081	WO107419	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	16-06-2022 14:53	16-06-2022 17:54	COMPLETED
1981	UAIL/LDC/FY23/GWP/1073	PM92694	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	15-06-2022 18:31	15-06-2022 19:39	COMPLETED
1982	UAIL/LDC/FY23/GWP/1071	PM92696	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-002-WEEKLY	C1A HEAD END	HPR-C1B-669-001,	N/R	15-06-2022 16:35	15-06-2022 19:40	COMPLETED
1983	UAIL/LDC/FY23/GWP/1070	PM92694	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	16-06-2022 14:23	16-06-2022 14:23	COMPLETED
1986	UAIL/LDC/FY23/GWP/1067	PM92693	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	15-06-2022 15:45	15-06-2022 19:40	COMPLETED
1988	UAIL/LDC/FY23/GWP/1057	WO107419	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	14-06-2022 15:23	14-06-2022 21:49	COMPLETED
1990	UAIL/LDC/FY23/GWP/1048	W/O	PLATFORM EXTENSION WORK NEAR T1 BEND PULLEY TOP AREA	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/188	14-06-2022 09:28	14-06-2022 17:13	COMPLETED
1996	UAIL/LDC/FY23/GWP/1042	WO107419	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002	N/R	13-06-2022 15:45	13-06-2022 21:42	COMPLETED
1997	UAIL/LDC/FY23/GWP/1037	W/O	PLATFORM EXTENSION WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/187	13-06-2022 09:34	13-06-2022 17:22	COMPLETED
2006	UAIL/LDC/FY23/GWP/1025	WO107419	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	N/R	12-06-2022 14:52	12-06-2022 20:21	COMPLETED
2009	UAIL/LDC/FY23/GWP/1021	W/O	PLATFORM EXTENSION WORK NEAR T1 BEND PULLEY TOP AREA	C1A HEADEND	N/R	UAIL/LDC/FY23/WHP/184	12-06-2022 09:17	12-06-2022 17:07	COMPLETED
2013	UAIL/LDC/FY23/GWP/1011	PM92650	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºT	N/R	11-06-2022 14:59	11-06-2022 20:14	COMPLETED
2014	UAIL/LDC/FY23/GWP/1009	W/O	DAMAGED CHEQUERED PLATE REPLACEMENT WORK NEAR T1 BEND PULLEY TOP AREA	C1A HEADEND	N/R	N/R	11-06-2022 09:36	11-06-2022 16:54	COMPLETED
2018	UAIL/LDC/FY23/GWP/1005	PM92639	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	10-06-2022 17:36	10-06-2022 18:59	COMPLETED
2019	UAIL/LDC/FY23/GWP/1001	WO105907	LINER PLATE REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/35; UAIL/LDC/FY23/WHP/181	10-06-2022 15:42	10-06-2022 17:46	COMPLETED
2021	UAIL/LDC/FY23/GWP/998	WO105906	C1A BELT EDGE PATCHING WORK. AT IJH	C1A HEADEND	BC-C1A-669-002,	N/R	10-06-2022 14:56	10-06-2022 21:49	COMPLETED
2023	UAIL/LDC/FY23/GWP/991	W/O	DAMAGED CHEQUERED PLATE REPLACMENT WORK NEAR T2 BEND PULLEY (TOP) AREA	C1A HEADEND	N/R	N/R	10-06-2022 08:57	10-06-2022 17:53	COMPLETED
2024	UAIL/LDC/FY23/GWP/990	PM92627	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	09-06-2022 18:16	09-06-2022 20:09	COMPLETED
2025	UAIL/LDC/FY23/GWP/989	PM92626	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	09-06-2022 18:17	09-06-2022 20:09	COMPLETED
2026	UAIL/LDC/FY23/GWP/988	PM92624	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	09-06-2022 18:17	09-06-2022 20:09	COMPLETED
2027	UAIL/LDC/FY23/GWP/987	PM92621	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	09-06-2022 18:17	09-06-2022 20:09	COMPLETED
2028	UAIL/LDC/FY23/GWP/986	WO105863	LINEAR PLATE REPLACEMENT AT C1A HEAD END DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/34; UAIL/LDC/FY23/WHP/179	09-06-2022 17:40	09-06-2022 20:06	COMPLETED
2031	UAIL/LDC/FY23/GWP/983	WO107256	C1A BELT EDGE REPAIRING WORK.	C1A HEADEND	BC-C1A-669-002,	N/R	09-06-2022 15:22	09-06-2022 20:00	COMPLETED
2034	UAIL/LDC/FY23/GWP/980	PM92625	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	09-06-2022 10:02	09-06-2022 11:32	COMPLETED
2035	UAIL/LDC/FY23/GWP/979	W/O	C1A DISCHARGE CHUTE INSPECTION WORK AT IMJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/33	09-06-2022 10:07	09-06-2022 11:32	COMPLETED
2038	UAIL/LDC/FY23/GWP/976	W/O	DAMAGE CHEQUERED PLATE REPLACEMENT WORK.	C1A HEAD END	N/R	N/R	09-06-2022 09:30	09-06-2022 17:29	COMPLETED
2041	UAIL/LDC/FY23/GWP/972	PM92614	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	08-06-2022 15:12	08-06-2022 19:47	COMPLETED
2042	UAIL/LDC/FY23/GWP/971	PM92618	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	08-06-2022 15:12	08-06-2022 19:47	COMPLETED
2043	UAIL/LDC/FY23/GWP/970	PM92619	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	08-06-2022 15:12	08-06-2022 19:47	COMPLETED
2044	UAIL/LDC/FY23/GWP/969	WO107199	BELT NO 26254 EDGE REPAIRING WORK.	C1A HEADEND	BC-C1A-669-002,	N/R	08-06-2022 14:38	08-06-2022 19:47	COMPLETED
2046	UAIL/LDC/FY23/GWP/965	PM92593	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	07-06-2022 16:46	07-06-2022 17:21	COMPLETED
2047	UAIL/LDC/FY23/GWP/964	PM92592	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	07-06-2022 16:47	07-06-2022 17:22	COMPLETED
2048	UAIL/LDC/FY23/GWP/962	PM92594	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	07-06-2022 15:55	07-06-2022 17:22	COMPLETED
2049	UAIL/LDC/FY23/GWP/961	PM92595	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	07-06-2022 15:57	07-06-2022 17:22	COMPLETED
2051	UAIL/LDC/FY23/GWP/959	PM92597	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	07-06-2022 15:34	07-06-2022 16:26	COMPLETED
2052	UAIL/LDC/FY23/GWP/958	PM92601	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	07-06-2022 15:32	07-06-2022 17:22	COMPLETED

2053	UAIL/LDC/FY23/GWP/957	PM92600	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	07-06-2022 15:32	07-06-2022 17:22	COMPLETED
2054	UAIL/LDC/FY23/GWP/956	PM92599	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	07-06-2022 15:35	07-06-2022 16:26	COMPLETED
2058	UAIL/LDC/FY23/GWP/948	W/O	2" MS PIPE LINE FIT UP WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/WHP/174	07-06-2022 09:20	07-06-2022 17:31	COMPLETED
2060	UAIL/LDC/FY23/GWP/946	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	06-06-2022 16:59	06-06-2022 19:54	COMPLETED
2061	UAIL/LDC/FY23/GWP/945	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	06-06-2022 16:33	06-06-2022 19:54	COMPLETED
2062	UAIL/LDC/FY23/GWP/944	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	06-06-2022 16:38	06-06-2022 19:55	COMPLETED
2063	UAIL/LDC/FY23/GWP/943	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	06-06-2022 16:39	06-06-2022 19:55	COMPLETED
2069	UAIL/LDC/FY23/GWP/937	PM92588	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	06-06-2022 15:29	06-06-2022 16:17	COMPLETED
2070	UAIL/LDC/FY23/GWP/936	PM92589	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	06-06-2022 15:29	06-06-2022 16:17	COMPLETED
2071	UAIL/LDC/FY23/GWP/935	PM92566	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	06-06-2022 16:57	06-06-2022 16:58	COMPLETED
2072	UAIL/LDC/FY23/GWP/933	WO106246	GUIDE ROLLER REPLACEMENT WORK AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	N/R	06-06-2022 14:49	06-06-2022 16:40	COMPLETED
2074	UAIL/LDC/FY23/GWP/931	WO105367	NUT BOLT REPLACEMRNT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/32; UAIL/LDC/FY23/WHP/173	06-06-2022 14:40	06-06-2022 19:55	COMPLETED
2075	UAIL/LDC/FY23/GWP/930	W/O	2" MS PIPE LINE FIT UP WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/WHP/172	06-06-2022 09:25	06-06-2022 17:29	COMPLETED
2076	UAIL/LDC/FY23/GWP/929	PM92562	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	05-06-2022 16:12	05-06-2022 17:19	COMPLETED
2078	UAIL/LDC/FY23/GWP/927	PM92560	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP3	N/R	05-06-2022 15:54	05-06-2022 17:19	COMPLETED
2079	UAIL/LDC/FY23/GWP/926	PM92559	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	05-06-2022 15:48	05-06-2022 17:12	COMPLETED
2080	UAIL/LDC/FY23/GWP/925	PM92555	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	05-06-2022 15:48	05-06-2022 17:13	COMPLETED
2081	UAIL/LDC/FY23/GWP/924	PM92556	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-FORTNIGHTLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	05-06-2022 15:37	05-06-2022 17:13	COMPLETED
2082	UAIL/LDC/FY23/GWP/923	WO105367	NUT BOLT REPLACEMRNT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/31; UAIL/LDC/FY23/WHP/171	05-06-2022 15:14	05-06-2022 17:13	COMPLETED
2085	UAIL/LDC/FY23/GWP/920	W/O	DFDS PIPE LINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/WHP/170	05-06-2022 09:10	05-06-2022 17:30	COMPLETED
2088	UAIL/LDC/FY23/GWP/917	PM92545	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	04-06-2022 16:12	04-06-2022 17:02	COMPLETED
2089	UAIL/LDC/FY23/GWP/916	PM92534	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,WNCH-C1A-669-002-GB	N/R	04-06-2022 15:44	04-06-2022 16:56	COMPLETED
2091	UAIL/LDC/FY23/GWP/914	PM92532	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-001-HALF YEARLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-SP	N/R	04-06-2022 15:44	04-06-2022 16:56	COMPLETED
2093	UAIL/LDC/FY23/GWP/911	W/O	PIPE LINE FIT UP WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/WHP/167	04-06-2022 09:30	04-06-2022 17:40	COMPLETED
2095	UAIL/LDC/FY23/GWP/908	PM92520	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	03-06-2022 15:34	03-06-2022 16:43	COMPLETED
2096	UAIL/LDC/FY23/GWP/906	PM92519	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	03-06-2022 15:13	03-06-2022 16:38	COMPLETED
2099	UAIL/LDC/FY23/GWP/903	PM92517	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	03-06-2022 14:42	03-06-2022 16:37	COMPLETED
2101	UAIL/LDC/FY23/GWP/901	W/O	DFDS PIPE LINE MODIFICATION	C1B TAIL END	N/R	UAIL/LDC/FY23/WHP/166	03-06-2022 10:54	03-06-2022 17:27	COMPLETED
2102	UAIL/LDC/FY23/GWP/900	W/O	BRS PANEL FIT-UP WORK.	C1A HEADEND	N/R	N/R	03-06-2022 10:25	03-06-2022 17:27	COMPLETED
2105	UAIL/LDC/FY23/GWP/896	PM92489	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-SM-V-5L-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-ART,	N/R	02-06-2022 17:17	02-06-2022 17:45	COMPLETED
2109	UAIL/LDC/FY23/GWP/892	PM92488	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-AC1,	N/R	02-06-2022 16:47	02-06-2022 17:39	COMPLETED
2110	UAIL/LDC/FY23/GWP/891	PM92487	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC1,	N/R	02-06-2022 16:34	02-06-2022 17:38	COMPLETED
2111	UAIL/LDC/FY23/GWP/890	PM92499	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	02-06-2022 15:46	02-06-2022 17:38	COMPLETED
2115	UAIL/LDC/FY23/GWP/886	PM92504	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	02-06-2022 15:08	02-06-2022 16:29	COMPLETED
2116	UAIL/LDC/FY23/GWP/885	PM92496	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	02-06-2022 14:55	02-06-2022 16:31	COMPLETED
2119	UAIL/LDC/FY23/GWP/878	W/O	PIPE LINE FIT UP WORK	C1B TAIL END.	C1B-669-004-TE,	UAIL/LDC/FY23/WHP/162	02-06-2022 09:27	02-06-2022 16:58	COMPLETED
2120	UAIL/LDC/FY23/GWP/877	W/O	EQUIPMENT CLEANING & LUBRICATION WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	01-06-2022 15:23	01-06-2022 17:51	COMPLETED
2121	UAIL/LDC/FY23/GWP/876	W/O	BASE BOLT TIGHTNESS CHECKING WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	01-06-2022 15:03	01-06-2022 17:52	COMPLETED
2122	UAIL/LDC/FY23/GWP/875	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	01-06-2022 14:47	01-06-2022 17:52	COMPLETED
2125	UAIL/LDC/FY23/GWP/872	WO103795	DRIVE -1 PULLEY (LHS) PLUMMER BLOCK PM WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/WHP/161	31-05-2022 15:37	31-05-2022 18:25	COMPLETED
2127	UAIL/LDC/FY23/GWP/869	WO103802	C1A BELT EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/132	31-05-2022 14:56	31-05-2022 18:23	COMPLETED
2128	UAIL/LDC/FY23/GWP/868	W/O	POPE LINE MODIFICATION WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/131; UAIL/LDC/FY23/WHP/160	31-05-2022 09:40	31-05-2022 16:50	COMPLETED

2132	UAIL/LDC/FY23/GWP/863	PM85834	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM/IJH/MH/CHT/C1A002/CHU01-MONTHLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/29; UAIL/LDC/FY23/WHP/159	30-05-2022 14:41	30-05-2022 17:21	COMPLETED
2133	UAIL/LDC/FY23/GWP/862	W/O	PIPE LINE FIT UP WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/129; UAIL/LDC/FY23/WHP/158	30-05-2022 08:17	30-05-2022 16:15	COMPLETED
2137	UAIL/LDC/FY23/GWP/858	PM92268	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	UAIL/LDC/FY23/CSE/28	29-05-2022 15:32	29-05-2022 16:50	COMPLETED
2138	UAIL/LDC/FY23/GWP/857	WO96865	DISCHARGE CHUTE NUT BOLT REPLACEMENT WORK AT IJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/WHP/156	30-05-2022 17:26	30-05-2022 17:26	COMPLETED
2140	UAIL/LDC/FY23/GWP/855	PM92255	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	29-05-2022 15:33	29-05-2022 16:14	COMPLETED
2141	UAIL/LDC/FY23/GWP/854	W/O	CABLE TRAY MODIFICATION WORK.	IMJH	N/R	UAIL/LDC/FY23/HWP/128	29-05-2022 09:20	29-05-2022 16:23	COMPLETED
2153	UAIL/LDC/FY23/GWP/842	PM90615	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	28-05-2022 15:36	28-05-2022 16:00	COMPLETED
2156	UAIL/LDC/FY23/GWP/839	PM92291	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	28-05-2022 15:11	28-05-2022 16:01	COMPLETED
2157	UAIL/LDC/FY23/GWP/838	PM92276	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-HPU,	N/R	28-05-2022 15:12	28-05-2022 15:59	COMPLETED
2159	UAIL/LDC/FY23/GWP/835	W/O	CABLE TRAY FIT UP WORK.	C1A HEAD END.	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/127	28-05-2022 09:32	28-05-2022 17:30	COMPLETED
2160	UAIL/LDC/FY23/GWP/833	PM92297	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	27-05-2022 17:10	27-05-2022 17:48	COMPLETED
2161	UAIL/LDC/FY23/GWP/832	PM92296	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	27-05-2022 17:03	27-05-2022 17:55	COMPLETED
2162	UAIL/LDC/FY23/GWP/831	PM92295	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	27-05-2022 16:49	27-05-2022 17:50	COMPLETED
2163	UAIL/LDC/FY23/GWP/830	PM92294	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	27-05-2022 16:40	27-05-2022 17:49	COMPLETED
2164	UAIL/LDC/FY23/GWP/829	PM90620	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	27-05-2022 16:30	27-05-2022 17:33	COMPLETED
2170	UAIL/LDC/FY23/GWP/810	PM92217	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	26-05-2022 17:04	26-05-2022 17:16	COMPLETED
2171	UAIL/LDC/FY23/GWP/808	PM90621	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	26-05-2022 16:52	26-05-2022 17:16	COMPLETED
2172	UAIL/LDC/FY23/GWP/807	PM90620	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	26-05-2022 16:42	26-05-2022 17:17	COMPLETED
2173	UAIL/LDC/FY23/GWP/806	PM90618	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	26-05-2022 16:24	26-05-2022 17:18	COMPLETED
2174	UAIL/LDC/FY23/GWP/805	PM90619	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	26-05-2022 15:59	26-05-2022 17:07	COMPLETED
2177	UAIL/LDC/FY23/GWP/801	PM90617	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	26-05-2022 15:24	26-05-2022 15:56	COMPLETED
2179	UAIL/LDC/FY23/GWP/795	W/O	BRS PANNEL FRAME FIT UP WORK.	C1A HEAD NED	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/123	26-05-2022 09:41	26-05-2022 17:40	COMPLETED
2185	UAIL/LDC/FY23/GWP/780	PM92251	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	25-05-2022 14:55	25-05-2022 16:05	COMPLETED
2186	UAIL/LDC/FY23/GWP/778	PM92249	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	25-05-2022 14:48	25-05-2022 16:04	COMPLETED
2187	UAIL/LDC/FY23/GWP/776	WO94011	ROLLER REPLACEMENT WORK AT C1A CV-9 AREA.	C1A HEADEND	C1A-669-002-CV9,	N/R	25-05-2022 14:38	25-05-2022 16:04	COMPLETED
2188	UAIL/LDC/FY23/GWP/769	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP3	N/R	24-05-2022 16:27	24-05-2022 17:19	COMPLETED
2189	UAIL/LDC/FY23/GWP/768	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	24-05-2022 16:27	24-05-2022 17:19	COMPLETED
2190	UAIL/LDC/FY23/GWP/767	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	24-05-2022 16:27	24-05-2022 17:19	COMPLETED
2191	UAIL/LDC/FY23/GWP/766	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	24-05-2022 16:27	24-05-2022 17:20	COMPLETED
2192	UAIL/LDC/FY23/GWP/765	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP3	N/R	24-05-2022 16:04	24-05-2022 17:16	COMPLETED
2193	UAIL/LDC/FY23/GWP/764	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	24-05-2022 16:05	24-05-2022 17:17	COMPLETED
2194	UAIL/LDC/FY23/GWP/763	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	24-05-2022 16:05	24-05-2022 17:17	COMPLETED
2195	UAIL/LDC/FY23/GWP/762	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	24-05-2022 16:05	24-05-2022 17:17	COMPLETED
2196	UAIL/LDC/FY23/GWP/761	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	24-05-2022 16:06	24-05-2022 17:17	COMPLETED
2197	UAIL/LDC/FY23/GWP/760	PM92218	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-05-2022 15:19	24-05-2022 16:08	COMPLETED
2198	UAIL/LDC/FY23/GWP/759	PM92219	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-05-2022 15:19	24-05-2022 16:08	COMPLETED
2199	UAIL/LDC/FY23/GWP/758	PM92220	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	24-05-2022 17:19	24-05-2022 17:20	COMPLETED
2200	UAIL/LDC/FY23/GWP/757	WO92344	ROLLER REPLACEMENT WORK AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	N/R	24-05-2022 15:04	24-05-2022 16:08	COMPLETED
2203	UAIL/LDC/FY23/GWP/752	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/120; UAIL/LDC/FY23/WHP/145	24-05-2022 09:50	24-05-2022 16:29	COMPLETED
2204	UAIL/LDC/FY23/GWP/750	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	23-05-2022 16:49	23-05-2022 17:37	COMPLETED
2205	UAIL/LDC/FY23/GWP/749	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	23-05-2022 16:49	23-05-2022 17:37	COMPLETED
2206	UAIL/LDC/FY23/GWP/748	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	23-05-2022 16:49	23-05-2022 17:38	COMPLETED

2207	UAIL/LDC/FY23/GWP/747	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	23-05-2022 16:49	23-05-2022 17:38	COMPLETED
2208	UAIL/LDC/FY23/GWP/746	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	23-05-2022 16:50	23-05-2022 17:38	COMPLETED
2209	UAIL/LDC/FY23/GWP/745	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	23-05-2022 16:25	23-05-2022 17:29	COMPLETED
2210	UAIL/LDC/FY23/GWP/744	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERL	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	23-05-2022 16:18	23-05-2022 17:29	COMPLETED
2211	UAIL/LDC/FY23/GWP/743	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	23-05-2022 16:00	23-05-2022 17:23	COMPLETED
2212	UAIL/LDC/FY23/GWP/742	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	23-05-2022 16:00	23-05-2022 17:23	COMPLETED
2213	UAIL/LDC/FY23/GWP/741	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	23-05-2022 16:00	23-05-2022 17:24	COMPLETED
2214	UAIL/LDC/FY23/GWP/740	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	23-05-2022 16:00	23-05-2022 17:24	COMPLETED
2215	UAIL/LDC/FY23/GWP/739	W/O	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	23-05-2022 16:00	23-05-2022 17:24	COMPLETED
2216	UAIL/LDC/FY23/GWP/738	W/O	ROLLER FRAME MODIFICATION WORK AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/119	23-05-2022 15:31	23-05-2022 17:30	COMPLETED
2217	UAIL/LDC/FY23/GWP/736	PM93608	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	23-05-2022 15:31	23-05-2022 17:29	COMPLETED
2218	UAIL/LDC/FY23/GWP/735	WO92202	DISCHARGE CHUTE NUT BOLT REPLACEMENT WORK AT IMJH	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/27; UAIL/LDC/FY23/WHP/143	23-05-2022 17:34	23-05-2022 17:35	COMPLETED
2222	UAIL/LDC/FY23/GWP/728	W/O	PULLEY LAGGING WORK.	IMJH	BC-C1A-669-002,BC-C1A-669-002-T1BP3	UAIL/LDC/FY23/HWP/116; UAIL/LDC/FY23/WHP/139	22-05-2022 05:19	22-05-2022 12:20	COMPLETED
2223	UAIL/LDC/FY23/GWP/727	W/O	C1A CONVEYOR BELT JOINT WORK.	IMJH	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/115; UAIL/LDC/FY23/WHP/138	22-05-2022 02:16	22-05-2022 12:21	COMPLETED
2225	UAIL/LDC/FY23/GWP/720	PM90189	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	21-05-2022 15:29	21-05-2022 17:27	COMPLETED
2226	UAIL/LDC/FY23/GWP/719	PM90184	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	21-05-2022 15:30	21-05-2022 17:27	COMPLETED
2227	UAIL/LDC/FY23/GWP/717	PM90183	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	21-05-2022 15:30	21-05-2022 17:27	COMPLETED
2228	UAIL/LDC/FY23/GWP/716	WO93287	PULLEY LAGGING WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP3	UAIL/LDC/FY23/HWP/112; UAIL/LDC/FY23/WHP/135	21-05-2022 15:14	22-05-2022 00:34	COMPLETED
2229	UAIL/LDC/FY23/GWP/715	PM90181	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	21-05-2022 15:04	21-05-2022 16:15	COMPLETED
2230	UAIL/LDC/FY23/GWP/713	PM90180	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	21-05-2022 13:53	21-05-2022 15:07	COMPLETED
2234	UAIL/LDC/FY23/GWP/706	WO92084	C1A CONVEYOR BELT JOINT WORK.(26215-26246) AT IJH.	C1A HEADEND	BC-C1A-669-002	UAIL/LDC/FY23/HWP/108; UAIL/LDC/FY23/HWP/111;	21-05-2022 10:09	22-05-2022 00:35	COMPLETED
2235	UAIL/LDC/FY23/GWP/696	W/O	MATERIAL LIFTING & SHIFTING	C1A HEADEND	C1A-669-002-HE,	N/R	20-05-2022 12:05	21-05-2022 14:40	COMPLETED
2236	UAIL/LDC/FY23/GWP/695	W/O	INSIDE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	20-05-2022 10:34	20-05-2022 12:33	COMPLETED
2237	UAIL/LDC/FY23/GWP/693	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/107; UAIL/LDC/FY23/WHP/130	20-05-2022 10:08	20-05-2022 17:33	COMPLETED
2238	UAIL/LDC/FY23/GWP/692	WO90811	C1A DISCHARGE CHUTE LINER PLATE INSPECTION AT IMJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/26; UAIL/LDC/FY23/WHP/129	20-05-2022 10:18	20-05-2022 12:33	COMPLETED
2240	UAIL/LDC/FY23/GWP/689	PM90092	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	20-05-2022 09:41	20-05-2022 11:58	COMPLETED
2248	UAIL/LDC/FY23/GWP/676	W/O	DFDS PIPE LINE MODIFICATION WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/104; UAIL/LDC/FY23/WHP/122	19-05-2022 09:39	19-05-2022 17:49	COMPLETED
2249	UAIL/LDC/FY23/GWP/675	W/O	BELT JOINT INESPECTION	C1A HEADEND	C1A-669-002-HE,	N/R	19-05-2022 09:31	19-05-2022 09:52	COMPLETED
2250	UAIL/LDC/FY23/GWP/668	PM90042	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/23; UAIL/LDC/FY23/WHP/121	18-05-2022 15:34	18-05-2022 17:19	COMPLETED
2254	UAIL/LDC/FY23/GWP/663	WO90674	ROLLER REPLACEMENT WORK AT C1B TAIL END .	C1B TAIL END	C1B-669-004-TE,	N/R	18-05-2022 15:04	18-05-2022 17:21	COMPLETED
2257	UAIL/LDC/FY23/GWP/655	PM90030	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	17-05-2022 16:22	17-05-2022 17:41	COMPLETED
2262	UAIL/LDC/FY23/GWP/650	W/O	ROLLER REPLACEMENT WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	17-05-2022 15:44	17-05-2022 17:34	COMPLETED
2267	UAIL/LDC/FY23/GWP/643	WO89370	FLAT ROLLER INSTALLATION WORK AT TAKE UP TROLLEY AREA (C1A HEAD END) .	C1A HEADEND	C1A-669-002-HE,	N/R	17-05-2022 14:51	17-05-2022 17:27	COMPLETED
2268	UAIL/LDC/FY23/GWP/635	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/102; UAIL/LDC/FY23/HWP/103;	17-05-2022 09:33	17-05-2022 17:30	COMPLETED
2270	UAIL/LDC/FY23/GWP/630	WO90968	SKIRT GUARD RUBBER REPLACEMENT	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	16-05-2022 15:41	16-05-2022 18:13	COMPLETED
2271	UAIL/LDC/FY23/GWP/627	PM90001	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	16-05-2022 15:28	16-05-2022 18:11	COMPLETED
2272	UAIL/LDC/FY23/GWP/625	WO89370	FLAT ROLLER INSTALLATION WORK AT TAKE UP TROLLEY AREA (C1A HEAD END) .	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/101	16-05-2022 15:01	16-05-2022 18:12	COMPLETED
2274	UAIL/LDC/FY23/GWP/622	WO90967	C1A BELT NO-26284 EDGE PATCHING	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/100	16-05-2022 14:15	16-05-2022 18:19	COMPLETED
2276	UAIL/LDC/FY23/GWP/615	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/99; UAIL/LDC/FY23/WHP/114	16-05-2022 09:25	16-05-2022 17:30	COMPLETED
2278	UAIL/LDC/FY23/GWP/613	W/O	DRAIN PIPE LINE FABRICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/97	15-05-2022 09:36	16-05-2022 14:33	COMPLETED
2279	UAIL/LDC/FY23/GWP/612	PM87106	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	14-05-2022 17:16	14-05-2022 17:44	COMPLETED
2282	UAIL/LDC/FY23/GWP/609	PM87105	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	14-05-2022 16:09	14-05-2022 17:04	COMPLETED

2284	UAIL/LDC/FY23/GWP/607	PM87112	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	14-05-2022 15:29	14-05-2022 16:02	COMPLETED
2285	UAIL/LDC/FY23/GWP/606	WO89370	FLAT ROLLER INSTALLATION WORK AT TAKE UP TROLLEY AREA (C1A HEAD END) .	IMJH	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/96	14-05-2022 15:21	14-05-2022 17:37	COMPLETED
2288	UAIL/LDC/FY23/GWP/595	W/O	DFDS PIPE LINE FIT UP WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/93; UAIL/LDC/FY23/WHP/110	14-05-2022 09:25	14-05-2022 16:27	COMPLETED
2289	UAIL/LDC/FY23/GWP/593	PM87079	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	13-05-2022 17:47	13-05-2022 17:53	COMPLETED
2291	UAIL/LDC/FY23/GWP/591	PM87077	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	13-05-2022 17:32	13-05-2022 17:52	COMPLETED
2293	UAIL/LDC/FY23/GWP/588	PM87067	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	13-05-2022 17:34	13-05-2022 17:49	COMPLETED
2294	UAIL/LDC/FY23/GWP/587	PM87066	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	13-05-2022 17:35	13-05-2022 17:49	COMPLETED
2297	UAIL/LDC/FY23/GWP/580	PM87065	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	13-05-2022 15:49	13-05-2022 16:11	COMPLETED
2298	UAIL/LDC/FY23/GWP/579	PM87064	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	13-05-2022 15:49	13-05-2022 16:12	COMPLETED
2299	UAIL/LDC/FY23/GWP/577	PM87063	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	13-05-2022 15:49	13-05-2022 16:11	COMPLETED
2303	UAIL/LDC/FY23/GWP/567	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/90; UAIL/LDC/FY23/WHP/108	13-05-2022 09:26	13-05-2022 17:56	COMPLETED
2304	UAIL/LDC/FY23/GWP/566	W/O	ROLLER REPLACEMENT WORK AT CURVE-4	C1A HEADEND	C1A-669-002-CV4,	N/R	12-05-2022 22:06	12-05-2022 22:17	COMPLETED
2305	UAIL/LDC/FY23/GWP/559	W/O	HOIST PM WORK AT C1A HEAD END DISCHARGE CHUTE.	C1A HEAD END	N/R	UAIL/LDC/FY23/WHP/106	12-05-2022 09:40	12-05-2022 17:09	COMPLETED
2306	UAIL/LDC/FY23/GWP/558	W/O	DFDS PIPE LINE MODIFICATION WORK UNDER PROGRESS.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/89; UAIL/LDC/FY23/WHP/105	12-05-2022 09:28	12-05-2022 17:10	COMPLETED
2309	UAIL/LDC/FY23/GWP/554	PM87048	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	11-05-2022 16:41	11-05-2022 17:20	COMPLETED
2315	UAIL/LDC/FY23/GWP/546	PM87042	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/18; UAIL/LDC/FY23/WHP/104	11-05-2022 16:15	11-05-2022 17:20	COMPLETED
2322	UAIL/LDC/FY23/GWP/533	PM87033	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	10-05-2022 16:33	10-05-2022 17:20	COMPLETED
2323	UAIL/LDC/FY23/GWP/532	PM87032	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	10-05-2022 16:34	10-05-2022 17:21	COMPLETED
2324	UAIL/LDC/FY23/GWP/531	PM87031	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	10-05-2022 16:35	10-05-2022 17:21	COMPLETED
2325	UAIL/LDC/FY23/GWP/530	PM87030	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	10-05-2022 16:40	10-05-2022 17:22	COMPLETED
2327	UAIL/LDC/FY23/GWP/528	PM87027	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	10-05-2022 16:41	10-05-2022 17:22	COMPLETED
2334	UAIL/LDC/FY23/GWP/520	PM87025	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	10-05-2022 15:08	10-05-2022 16:12	COMPLETED
2335	UAIL/LDC/FY23/GWP/519	PM87024	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	10-05-2022 15:09	10-05-2022 16:13	COMPLETED
2338	UAIL/LDC/FY23/GWP/515	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/88; UAIL/LDC/FY23/WHP/100	10-05-2022 09:53	10-05-2022 17:14	COMPLETED
2339	UAIL/LDC/FY23/GWP/514	PM86995	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	09-05-2022 17:19	09-05-2022 17:38	COMPLETED
2340	UAIL/LDC/FY23/GWP/513	PM86993	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	09-05-2022 17:19	09-05-2022 17:39	COMPLETED
2341	UAIL/LDC/FY23/GWP/512	PM86992	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	09-05-2022 17:20	09-05-2022 17:39	COMPLETED
2342	UAIL/LDC/FY23/GWP/511	PM86991	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	09-05-2022 17:20	09-05-2022 17:40	COMPLETED
2343	UAIL/LDC/FY23/GWP/509	PM86990	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	09-05-2022 16:25	09-05-2022 17:53	COMPLETED
2344	UAIL/LDC/FY23/GWP/508	PM85803	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	09-05-2022 16:26	09-05-2022 17:54	COMPLETED
2345	UAIL/LDC/FY23/GWP/507	PM85802	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	09-05-2022 16:27	09-05-2022 17:54	COMPLETED
2346	UAIL/LDC/FY23/GWP/505	PM85801	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	09-05-2022 16:27	09-05-2022 17:55	COMPLETED
2347	UAIL/LDC/FY23/GWP/503	PM85799	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	09-05-2022 15:30	09-05-2022 16:28	COMPLETED
2348	UAIL/LDC/FY23/GWP/502	PM85797	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	09-05-2022 15:31	09-05-2022 16:29	COMPLETED
2349	UAIL/LDC/FY23/GWP/501	PM85796	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	09-05-2022 15:32	09-05-2022 16:29	COMPLETED
2350	UAIL/LDC/FY23/GWP/500	PM85795	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	09-05-2022 15:32	09-05-2022 16:30	COMPLETED
2351	UAIL/LDC/FY23/GWP/499	PM85794	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	09-05-2022 15:33	09-05-2022 16:30	COMPLETED
2354	UAIL/LDC/FY23/GWP/494	W/O	DFDS PIPE LINE FIT UP WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/87; UAIL/LDC/FY23/WHP/96	09-05-2022 09:29	09-05-2022 18:07	COMPLETED
2358	UAIL/LDC/FY23/GWP/489	PM75394	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	07-05-2022 17:02	07-05-2022 17:44	COMPLETED
2359	UAIL/LDC/FY23/GWP/488	PM75392	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-005-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY4	N/R	07-05-2022 17:03	07-05-2022 17:45	COMPLETED
2360	UAIL/LDC/FY23/GWP/487	PM75388	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	07-05-2022 16:42	07-05-2022 17:34	COMPLETED
2364	UAIL/LDC/FY23/GWP/483	PM75396	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	07-05-2022 15:35	07-05-2022 16:31	COMPLETED

2365	UAIL/LDC/FY23/GWP/482	PM75395	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	07-05-2022 15:35	07-05-2022 16:31	COMPLETED
2366	UAIL/LDC/FY23/GWP/481	PM75393	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	07-05-2022 15:36	07-05-2022 16:32	COMPLETED
2367	UAIL/LDC/FY23/GWP/480	PM75391	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	07-05-2022 15:36	07-05-2022 16:32	COMPLETED
2369	UAIL/LDC/FY23/GWP/478	PM75386	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	07-05-2022 14:57	07-05-2022 16:18	COMPLETED
2371	UAIL/LDC/FY23/GWP/475	W/O	DFDS PIPE LINE FIT UP WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/85; UAIL/LDC/FY23/WHP/93	07-05-2022 09:32	07-05-2022 17:39	COMPLETED
2372	UAIL/LDC/FY23/GWP/474	PM82349	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	06-05-2022 17:20	06-05-2022 17:54	COMPLETED
2373	UAIL/LDC/FY23/GWP/473	PM82348	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	06-05-2022 17:20	06-05-2022 17:54	COMPLETED
2374	UAIL/LDC/FY23/GWP/472	PM82355	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	06-05-2022 17:05	06-05-2022 17:19	COMPLETED
2375	UAIL/LDC/FY23/GWP/471	PM82347	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	06-05-2022 17:03	06-05-2022 17:53	COMPLETED
2376	UAIL/LDC/FY23/GWP/470	PM82353	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-ART,	N/R	06-05-2022 16:51	06-05-2022 17:23	COMPLETED
2377	UAIL/LDC/FY23/GWP/468	PM82352	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	06-05-2022 16:40	06-05-2022 17:25	COMPLETED
2382	UAIL/LDC/FY23/GWP/463	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	06-05-2022 16:02	06-05-2022 16:59	COMPLETED
2391	UAIL/LDC/FY23/GWP/453	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/84; UAIL/LDC/FY23/WHP/92	06-05-2022 09:31	06-05-2022 17:31	COMPLETED
2392	UAIL/LDC/FY23/GWP/451	WO85703	C1A DISCHARGE CHUTE LINER PLATE REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/14; UAIL/LDC/FY23/WHP/90	05-05-2022 17:15	05-05-2022 17:48	COMPLETED
2398	UAIL/LDC/FY23/GWP/438	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	05-05-2022 15:04	05-05-2022 17:16	COMPLETED
2399	UAIL/LDC/FY23/GWP/436	W/O	DFDS PIPE LINE MODIFICATIO WORK	C1B TIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/83; UAIL/LDC/FY23/WHP/86	05-05-2022 09:28	05-05-2022 17:34	COMPLETED
2403	UAIL/LDC/FY23/GWP/431	PM75318	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	04-05-2022 16:36	04-05-2022 17:26	COMPLETED
2406	UAIL/LDC/FY23/GWP/428	PM75305	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	04-05-2022 15:56	04-05-2022 17:25	COMPLETED
2409	UAIL/LDC/FY23/GWP/424	WO85648	V SCRAPER BLADE REPLACEMENT AT C1A HEAD END (NEAR T2 BEND BOTTOM BEND PULLEY)	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	04-05-2022 14:54	04-05-2022 17:12	COMPLETED
2417	UAIL/LDC/FY23/GWP/414	W/O	BLADE REPLACEMENT WORK.	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	03-05-2022 15:27	03-05-2022 17:19	COMPLETED
2419	UAIL/LDC/FY23/GWP/412	W/O	ROLLER REPLACEMENT WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	03-05-2022 15:03	03-05-2022 17:02	COMPLETED
2421	UAIL/LDC/FY23/GWP/408	W/O	DFDS PIPE LINE MODIFICATION WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/82; UAIL/LDC/FY23/WHP/84	03-05-2022 09:30	03-05-2022 16:49	COMPLETED
2427	UAIL/LDC/FY23/GWP/401	W/O	AREA HOUSEKEEPING .	C1A HEADEND	C1A-669-002-HE,	N/R	02-05-2022 15:04	02-05-2022 17:16	COMPLETED
2428	UAIL/LDC/FY23/GWP/399	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/80; UAIL/LDC/FY23/WHP/82	02-05-2022 09:11	02-05-2022 17:21	COMPLETED
2433	UAIL/LDC/FY23/GWP/394	PM63541	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-HALF YEARLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-0°B	UAIL/LDC/FY23/WHP/81	30-04-2022 16:09	30-04-2022 16:41	COMPLETED
2434	UAIL/LDC/FY23/GWP/393	PM63519	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	30-04-2022 15:26	30-04-2022 16:38	COMPLETED
2435	UAIL/LDC/FY23/GWP/392	PM63513	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM/IJH/MH/CHT/C1A002/CHU01-MONTHLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/13	30-04-2022 15:14	30-04-2022 17:51	COMPLETED
2436	UAIL/LDC/FY23/GWP/391	W/O	LCS BOX STAND FIT-UP WORK	C1A HEAD END	N/R	UAIL/LDC/FY23/HWP/78	30-04-2022 09:53	30-04-2022 17:34	COMPLETED
2439	UAIL/LDC/FY23/GWP/387	PM63539	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-FG-BT-26-M-001-FORTNIGHTLY	C1A HEADEND	HPR-C1B-669-001,HPR-C1B-669-001-FG	N/R	29-04-2022 17:15	29-04-2022 18:06	COMPLETED
2441	UAIL/LDC/FY23/GWP/384	PM63540	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	29-04-2022 15:35	29-04-2022 18:06	COMPLETED
2442	UAIL/LDC/FY23/GWP/383	PM63503	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0°T	N/R	29-04-2022 15:22	29-04-2022 18:05	COMPLETED
2445	UAIL/LDC/FY23/GWP/380	W/O	PANNEL BOX FIT UP WORK AT DRIVE AREA	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/76	29-04-2022 10:16	29-04-2022 17:38	COMPLETED
2454	UAIL/LDC/FY23/GWP/368	PM63530	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	28-04-2022 16:00	28-04-2022 16:29	COMPLETED
2458	UAIL/LDC/FY23/GWP/363	WO71634	LINER PLATE REPLACEMENT WORK AT C1A DISCHARGE CHUTE AT IJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/11; UAIL/LDC/FY23/WHP/78	28-04-2022 14:44	28-04-2022 17:17	COMPLETED
2459	UAIL/LDC/FY23/GWP/360	W/O	POST FABRICATION WORK.	C1A HEAD END	N/R	UAIL/LDC/FY23/HWP/72	28-04-2022 10:03	28-04-2022 17:22	COMPLETED
2466	UAIL/LDC/FY23/GWP/350	WO71598	LINER PLATE REPLACEMENT WORK AT C1A DISCHARGE CHUTE	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/10; UAIL/LDC/FY23/HWP/71; UAIL/LDC/FY23/WHP/77	27-04-2022 15:20	27-04-2022 18:22	COMPLETED
2480	UAIL/LDC/FY23/GWP/334	WO68640	NUT&BOLT REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1B TAILEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/9; UAIL/LDC/FY23/WHP/75	26-04-2022 14:39	26-04-2022 17:40	COMPLETED
2482	UAIL/LDC/FY23/GWP/332	W/O	SHORT POST WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/69	26-04-2022 09:23	26-04-2022 17:26	COMPLETED
2483	UAIL/LDC/FY23/GWP/329	PM63441	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	25-04-2022 17:15	25-04-2022 17:45	COMPLETED
2484	UAIL/LDC/FY23/GWP/328	PM63439	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP3	N/R	25-04-2022 17:16	25-04-2022 17:46	COMPLETED
2485	UAIL/LDC/FY23/GWP/327	PM63442	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	25-04-2022 16:52	25-04-2022 17:46	COMPLETED
2486	UAIL/LDC/FY23/GWP/326	PM63443	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	25-04-2022 16:52	25-04-2022 17:46	COMPLETED

2487	UAIL/LDC/FY23/GWP/325	PM63444	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	25-04-2022 16:19	25-04-2022 17:46	COMPLETED
2488	UAIL/LDC/FY23/GWP/324	PM63445	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	25-04-2022 16:20	25-04-2022 17:46	COMPLETED
2489	UAIL/LDC/FY23/GWP/323	PM63446	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	25-04-2022 16:20	25-04-2022 17:46	COMPLETED
2490	UAIL/LDC/FY23/GWP/322	PM63478	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-HALF YEARLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	25-04-2022 16:03	25-04-2022 16:37	COMPLETED
2491	UAIL/LDC/FY23/GWP/320	PM63479	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	25-04-2022 16:04	25-04-2022 16:37	COMPLETED
2492	UAIL/LDC/FY23/GWP/319	PM63480	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-HALF YEARLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	25-04-2022 15:38	25-04-2022 16:21	COMPLETED
2493	UAIL/LDC/FY23/GWP/318	PM63481	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	25-04-2022 15:43	25-04-2022 16:21	COMPLETED
2494	UAIL/LDC/FY23/GWP/317	PM63482	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	25-04-2022 15:24	25-04-2022 16:54	COMPLETED
2495	UAIL/LDC/FY23/GWP/316	PM63483	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	25-04-2022 15:15	25-04-2022 15:39	COMPLETED
2497	UAIL/LDC/FY23/GWP/314	WO67606	NUT BOLT REPLACEMENT WORK IN C1A HEAD END CHUTE	C1B TAILEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/8; UAIL/LDC/FY23/WHP/73	25-04-2022 14:52	25-04-2022 16:54	COMPLETED
2498	UAIL/LDC/FY23/GWP/313	WO67603	GUIDE ROLLER REPLACEMENT WORK AT C1B TAIL PULLEY AREA .	C1B TAIL END	C1B-669-004-TE,	N/R	25-04-2022 14:33	25-04-2022 16:54	COMPLETED
2499	UAIL/LDC/FY23/GWP/311	W/O	MONORAIL WELDING WORK.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/68; UAIL/LDC/FY23/WHP/71	25-04-2022 09:39	25-04-2022 17:50	COMPLETED
2500	UAIL/LDC/FY23/GWP/308	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/67; UAIL/LDC/FY23/WHP/69	24-04-2022 09:38	24-04-2022 17:09	COMPLETED
2501	UAIL/LDC/FY23/GWP/307	WO66003	IDLER REPLACEMENT WORK AT C1B TAIL END AREA.	C1B TAILEND	C1B-669-004-TE,	N/R	23-04-2022 22:17	23-04-2022 22:56	COMPLETED
2503	UAIL/LDC/FY23/GWP/305	W/O	DFDS PIPE LINE FIT UP WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/65; UAIL/LDC/FY23/WHP/68	23-04-2022 09:32	23-04-2022 17:30	COMPLETED
2504	UAIL/LDC/FY23/GWP/302	PM63433	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	22-04-2022 17:12	22-04-2022 17:27	COMPLETED
2505	UAIL/LDC/FY23/GWP/301	PM63431	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	22-04-2022 17:05	22-04-2022 17:26	COMPLETED
2506	UAIL/LDC/FY23/GWP/300	PM63429	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	22-04-2022 16:48	22-04-2022 17:18	COMPLETED
2507	UAIL/LDC/FY23/GWP/299	PM63421	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	22-04-2022 16:33	22-04-2022 17:18	COMPLETED
2508	UAIL/LDC/FY23/GWP/297	PM63427	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	22-04-2022 18:02	22-04-2022 18:02	COMPLETED
2509	UAIL/LDC/FY23/GWP/296	PM63418	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	22-04-2022 16:19	22-04-2022 16:54	COMPLETED
2514	UAIL/LDC/FY23/GWP/291	WO65956	C S K NUTBOLT REPLACEMENRT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/6; UAIL/LDC/FY23/WHP/66	22-04-2022 15:07	22-04-2022 16:31	COMPLETED
2515	UAIL/LDC/FY23/GWP/289	W/O	DFDS PIPE LINE MODIFICATION WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/63; UAIL/LDC/FY23/WHP/64	22-04-2022 09:39	22-04-2022 16:00	COMPLETED
2517	UAIL/LDC/FY23/GWP/285	W/O	HOIST MONORAIL BEAM WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/61; UAIL/LDC/FY23/WHP/62	21-04-2022 09:33	21-04-2022 16:34	COMPLETED
2520	UAIL/LDC/FY23/GWP/280	PM63389	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	20-04-2022 15:23	20-04-2022 17:16	COMPLETED
2521	UAIL/LDC/FY23/GWP/277	PM63386	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	20-04-2022 15:04	20-04-2022 17:16	COMPLETED
2522	UAIL/LDC/FY23/GWP/276	W/O	SPARE T/O PULLEY PM WORK	C1A HEADEND	N/R	N/R	20-04-2022 14:53	20-04-2022 17:15	COMPLETED
2523	UAIL/LDC/FY23/GWP/275	WO67437	C1A CARRY IDLER REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-CV9,	UAIL/LDC/FY23/WHP/60	20-04-2022 14:51	20-04-2022 16:03	COMPLETED
2525	UAIL/LDC/FY23/GWP/273	W/O	MONORAIL BEAM WELDING WORK	C1A HEAS END	N/R	UAIL/LDC/FY23/HWP/59; UAIL/LDC/FY23/WHP/58	20-04-2022 09:49	20-04-2022 16:57	COMPLETED
2527	UAIL/LDC/FY23/GWP/266	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	19-04-2022 15:29	19-04-2022 17:29	COMPLETED
2528	UAIL/LDC/FY23/GWP/263	PM63363	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	UAIL/LDC/FY23/WHP/56	19-04-2022 15:16	19-04-2022 17:05	COMPLETED
2530	UAIL/LDC/FY23/GWP/260	WO65043	TURN OVER 135 Deg PULLEY REPLACEMENT WORK AT IJH.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	UAIL/LDC/FY23/WHP/55	19-04-2022 14:31	19-04-2022 17:29	COMPLETED
2532	UAIL/LDC/FY23/GWP/257	W/O	HOIST MONORAIL WELDING WORK .	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/56; UAIL/LDC/FY23/WHP/52	19-04-2022 09:52	19-04-2022 17:15	COMPLETED
2533	UAIL/LDC/FY23/GWP/256	W/O	DFDS WATER PIPE LINE MODIFICATION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/55; UAIL/LDC/FY23/WHP/51	19-04-2022 09:34	19-04-2022 17:15	COMPLETED
2535	UAIL/LDC/FY23/GWP/253	PM63349	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	18-04-2022 16:35	18-04-2022 17:22	COMPLETED
2536	UAIL/LDC/FY23/GWP/252	PM63348	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	18-04-2022 16:35	18-04-2022 17:22	COMPLETED
2537	UAIL/LDC/FY23/GWP/251	PM63347	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	18-04-2022 16:36	18-04-2022 17:23	COMPLETED
2538	UAIL/LDC/FY23/GWP/246	PM63346	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	18-04-2022 15:51	18-04-2022 17:21	COMPLETED
2539	UAIL/LDC/FY23/GWP/245	PM63345	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	18-04-2022 15:52	18-04-2022 17:21	COMPLETED
2540	UAIL/LDC/FY23/GWP/244	W/O	CHAIN PULLEY BLOCK FIX UP WORK FOR 135 DDEGREE REPLACMENT PURPOSE .	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/49	18-04-2022 15:23	18-04-2022 19:30	COMPLETED
2541	UAIL/LDC/FY23/GWP/243	PM63344	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	18-04-2022 15:53	18-04-2022 17:21	COMPLETED
2542	UAIL/LDC/FY23/GWP/242	PM63343	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	18-04-2022 15:53	18-04-2022 17:21	COMPLETED

2543	UAIL/LDC/FY23/GWP/240	PM63342	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	18-04-2022 15:53	18-04-2022 17:22	COMPLETED
2544	UAIL/LDC/FY23/GWP/238	WO67368	C1A HEADEND BELT NO 26284 EDGE PATCHING WORK AT IMJH	C1A HEADEND	BC-C1A-669-002	UAIL/LDC/FY23/HWP/53	18-04-2022 15:09	18-04-2022 19:31	COMPLETED
2546	UAIL/LDC/FY23/GWP/231	W/O	MONORAIL BEAM WELDING WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/51; UAIL/LDC/FY23/WHP/46	18-04-2022 09:45	18-04-2022 17:38	COMPLETED
2547	UAIL/LDC/FY23/GWP/230	W/O	DFDS PIPE LINE FIT UP WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/50; UAIL/LDC/FY23/WHP/45	18-04-2022 09:28	18-04-2022 17:39	COMPLETED
2549	UAIL/LDC/FY23/GWP/223	PM63329	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	17-04-2022 16:03	17-04-2022 17:21	COMPLETED
2550	UAIL/LDC/FY23/GWP/222	PM63330	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	17-04-2022 15:55	17-04-2022 17:22	COMPLETED
2552	UAIL/LDC/FY23/GWP/219	PM63327	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	17-04-2022 15:33	17-04-2022 17:22	COMPLETED
2553	UAIL/LDC/FY23/GWP/218	PM63316	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	17-04-2022 15:21	17-04-2022 17:22	COMPLETED
2554	UAIL/LDC/FY23/GWP/217	PM63315	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	17-04-2022 15:15	17-04-2022 16:01	COMPLETED
2556	UAIL/LDC/FY23/GWP/215	PM63314	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-04-2022 15:05	17-04-2022 15:30	COMPLETED
2558	UAIL/LDC/FY23/GWP/212	W/O	HOIST MONO-RAIL WELDING WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/48; UAIL/LDC/FY23/WHP/41	17-04-2022 11:20	17-04-2022 16:38	COMPLETED
2559	UAIL/LDC/FY23/GWP/211	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/47; UAIL/LDC/FY23/WHP/40	17-04-2022 09:41	17-04-2022 17:12	COMPLETED
2564	UAIL/LDC/FY23/GWP/206	PM63303	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	16-04-2022 18:44	16-04-2022 19:32	COMPLETED
2567	UAIL/LDC/FY23/GWP/203	PM63307	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-002-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPT2	N/R	16-04-2022 17:53	16-04-2022 18:45	COMPLETED
2568	UAIL/LDC/FY23/GWP/202	WO65512	DISCHARGE CHUTE NUT BOLT REPLACEMENT WORK AI IMJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/4; UAIL/LDC/FY23/WHP/39	16-04-2022 17:55	16-04-2022 18:56	COMPLETED
2570	UAIL/LDC/FY23/GWP/193	W/O	DFDS PIPE LINE MODIFICATION WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/44; UAIL/LDC/FY23/WHP/37	16-04-2022 09:26	16-04-2022 17:39	COMPLETED
2574	UAIL/LDC/FY23/GWP/186	PM63292	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/WHP/35	15-04-2022 16:20	15-04-2022 17:17	COMPLETED
2578	UAIL/LDC/FY23/GWP/181	PM63286	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	15-04-2022 15:25	15-04-2022 17:16	COMPLETED
2579	UAIL/LDC/FY23/GWP/180	PM63282	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	15-04-2022 15:12	15-04-2022 17:16	COMPLETED
2581	UAIL/LDC/FY23/GWP/176	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAIL END	C1B-669-004-TE	UAIL/LDC/FY23/HWP/41; UAIL/LDC/FY23/WHP/33	15-04-2022 09:20	15-04-2022 17:21	COMPLETED
2582	UAIL/LDC/FY23/GWP/170	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/40; UAIL/LDC/FY23/WHP/31	14-04-2022 09:37	14-04-2022 17:24	COMPLETED
2587	UAIL/LDC/FY23/GWP/162	PM63255	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	13-04-2022 16:04	13-04-2022 17:16	COMPLETED
2593	UAIL/LDC/FY23/GWP/153	W/O	RACK &DOOR FABRICATION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/37	13-04-2022 09:43	13-04-2022 17:14	COMPLETED
2598	UAIL/LDC/FY23/GWP/139	PM63218	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	12-04-2022 15:43	12-04-2022 17:21	COMPLETED
2599	UAIL/LDC/FY23/GWP/138	WO66138	C S K NUT & BOLTS REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/3; UAIL/LDC/FY23/WHP/27	12-04-2022 15:34	12-04-2022 17:22	COMPLETED
2603	UAIL/LDC/FY23/GWP/134	W/O	RACK FABRICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/35	12-04-2022 09:42	12-04-2022 17:26	COMPLETED
2604	UAIL/LDC/FY23/GWP/132	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/34; UAIL/LDC/FY23/WHP/25	12-04-2022 09:33	12-04-2022 17:26	COMPLETED
2606	UAIL/LDC/FY23/GWP/125	PM63199	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	11-04-2022 16:24	11-04-2022 17:37	COMPLETED
2607	UAIL/LDC/FY23/GWP/124	PM63198	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	11-04-2022 16:24	11-04-2022 17:37	COMPLETED
2608	UAIL/LDC/FY23/GWP/122	PM63180	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	11-04-2022 16:09	11-04-2022 17:42	COMPLETED
2609	UAIL/LDC/FY23/GWP/121	PM63178	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	11-04-2022 16:26	11-04-2022 17:42	COMPLETED
2610	UAIL/LDC/FY23/GWP/118	PM63177	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	11-04-2022 15:51	11-04-2022 16:25	COMPLETED
2611	UAIL/LDC/FY23/GWP/117	PM63176	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	11-04-2022 15:51	11-04-2022 17:42	COMPLETED
2612	UAIL/LDC/FY23/GWP/116	PM63175	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	11-04-2022 15:51	11-04-2022 17:42	COMPLETED
2616	UAIL/LDC/FY23/GWP/112	WO64366	DEFLECTOR LINER PLATE REPLACEMENT WORK AT C1A HEAD END DISHARGE CHUTE.	C1B TAIL END	CHT-C1A-669-002,	UAIL/LDC/FY23/WHP/22	11-04-2022 15:35	11-04-2022 18:16	COMPLETED
2618	UAIL/LDC/FY23/GWP/110	WO64366	DEFLECTOR LINER PLATE REPLACEMENT WORK AT C1A HEAD END DISHARGE CHUTE.	C1B TAIL END	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/2	11-04-2022 14:42	12-04-2022 17:08	COMPLETED
2619	UAIL/LDC/FY23/GWP/106	W/O	BUCKET LIFTING & LOWERING.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/WHP/20	11-04-2022 10:04	11-04-2022 17:08	COMPLETED
2620	UAIL/LDC/FY23/GWP/105	W/O	RACK FABRICATION & FIT UP WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/32	11-04-2022 09:46	11-04-2022 17:09	COMPLETED
2621	UAIL/LDC/FY23/GWP/104	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/31; UAIL/LDC/FY23/WHP/19	11-04-2022 09:37	11-04-2022 17:09	COMPLETED
2624	UAIL/LDC/FY23/GWP/101	PM63209	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1B TAILEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	10-04-2022 15:34	10-04-2022 17:40	COMPLETED
2625	UAIL/LDC/FY23/GWP/100	PM63208	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	10-04-2022 15:34	10-04-2022 17:40	COMPLETED
2626	UAIL/LDC/FY23/GWP/99	PM63207	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1B TAILEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	10-04-2022 15:34	10-04-2022 17:40	COMPLETED

2629	UAIL/LDC/FY23/GWP/96	PM63206	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	10-04-2022 15:01	10-04-2022 17:39	COMPLETED
2631	UAIL/LDC/FY23/GWP/94	PM63203	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	10-04-2022 15:01	10-04-2022 17:40	COMPLETED
2633	UAIL/LDC/FY23/GWP/92	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/29; UAIL/LDC/FY23/WHP/17	10-04-2022 09:24	10-04-2022 16:51	COMPLETED
2635	UAIL/LDC/FY23/GWP/90	PM63182	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	09-04-2022 16:43	09-04-2022 17:17	COMPLETED
2636	UAIL/LDC/FY23/GWP/89	PM63183	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	09-04-2022 16:17	09-04-2022 17:18	COMPLETED
2637	UAIL/LDC/FY23/GWP/88	PM63184	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	09-04-2022 16:04	09-04-2022 17:19	COMPLETED
2638	UAIL/LDC/FY23/GWP/85	PM63150	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	09-04-2022 15:49	09-04-2022 16:25	COMPLETED
2639	UAIL/LDC/FY23/GWP/84	PM63145	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	09-04-2022 15:34	09-04-2022 16:26	COMPLETED
2640	UAIL/LDC/FY23/GWP/83	PM63142	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	09-04-2022 15:15	09-04-2022 17:18	COMPLETED
2641	UAIL/LDC/FY23/GWP/82	PM63141	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	09-04-2022 15:04	09-04-2022 16:27	COMPLETED
2643	UAIL/LDC/FY23/GWP/79	WO63624	ZERO DEGREE BOTTOM SIDE PULLEY LAGGING WORK AT C1A HEAD END TURN OVER SECTION AREA.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	UAIL/LDC/FY23/HWP/27	09-04-2022 14:40	09-04-2022 17:53	COMPLETED
2644	UAIL/LDC/FY23/GWP/77	W/O	RACK FABRICATION & FIT UP WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/26	09-04-2022 09:35	09-04-2022 17:35	COMPLETED
2645	UAIL/LDC/FY23/GWP/76	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/25; UAIL/LDC/FY23/WHP/15	09-04-2022 09:35	09-04-2022 17:35	COMPLETED
2647	UAIL/LDC/FY23/GWP/74	PM63172	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	08-04-2022 16:48	08-04-2022 17:29	COMPLETED
2648	UAIL/LDC/FY23/GWP/73	PM63171	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	08-04-2022 16:42	08-04-2022 17:28	COMPLETED
2649	UAIL/LDC/FY23/GWP/72	PM63170	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	08-04-2022 16:16	08-04-2022 17:18	COMPLETED
2650	UAIL/LDC/FY23/GWP/71	PM63169	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	08-04-2022 16:10	08-04-2022 17:16	COMPLETED
2653	UAIL/LDC/FY23/GWP/65	PM63165	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	08-04-2022 15:08	08-04-2022 16:01	COMPLETED
2655	UAIL/LDC/FY23/GWP/63	PM63163	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	08-04-2022 14:47	08-04-2022 16:00	COMPLETED
2660	UAIL/LDC/FY23/GWP/56	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/21; UAIL/LDC/FY23/WHP/13	08-04-2022 09:25	08-04-2022 17:24	COMPLETED
2661	UAIL/LDC/FY23/GWP/54	W/O	SPARE TURN OVER PULLEY LAGGING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/19	07-04-2022 11:57	07-04-2022 16:54	COMPLETED
2663	UAIL/LDC/FY23/GWP/52	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/17; UAIL/LDC/FY23/WHP/12	07-04-2022 09:28	07-04-2022 16:54	COMPLETED
2665	UAIL/LDC/FY23/GWP/49	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	06-04-2022 15:32	06-04-2022 17:29	COMPLETED
2667	UAIL/LDC/FY23/GWP/45	WO64087	PULLY BEARING PM WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	UAIL/LDC/FY23/WHP/11	06-04-2022 15:22	06-04-2022 17:28	COMPLETED
2670	UAIL/LDC/FY23/GWP/42	PM63116	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-YEARLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	05-04-2022 17:42	05-04-2022 18:06	COMPLETED
2671	UAIL/LDC/FY23/GWP/41	PM63115	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-YEARLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	05-04-2022 17:16	05-04-2022 17:52	COMPLETED
2673	UAIL/LDC/FY23/GWP/39	PM63127	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	05-04-2022 16:45	05-04-2022 17:43	COMPLETED
2675	UAIL/LDC/FY23/GWP/37	WO63626	ROLLER REPLACEMENT AT C1A CURVE-5	C1A HEADEND	C1A-669-002-CV5,	UAIL/LDC/FY23/WHP/10	05-04-2022 15:37	05-04-2022 17:00	COMPLETED
2676	UAIL/LDC/FY23/GWP/35	WO64024	HEAD PULLEY PLUMER BLOCK PM WORK AT C1B HEAD END AREA.	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-HP	UAIL/LDC/FY23/WHP/8	05-04-2022 14:50	05-04-2022 17:34	COMPLETED
2679	UAIL/LDC/FY23/GWP/30	W/O	DFDS PIPE LINE MODIFICATION WOK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/10; UAIL/LDC/FY23/WHP/6	05-04-2022 09:38	05-04-2022 17:32	COMPLETED
2680	UAIL/LDC/FY23/GWP/29	PM63103	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	04-04-2022 16:07	04-04-2022 17:45	COMPLETED
2681	UAIL/LDC/FY23/GWP/28	PM63102	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	04-04-2022 15:57	04-04-2022 17:46	COMPLETED
2682	UAIL/LDC/FY23/GWP/27	PM63099	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	04-04-2022 15:28	04-04-2022 17:46	COMPLETED
2685	UAIL/LDC/FY23/GWP/24	WO63979	C1A DISCHARGE CHUTE MAINTENANCE LINER PLATE REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/1; UAIL/LDC/FY23/HWP/9; UAIL/LDC/FY23/WHP/5	04-04-2022 15:02	04-04-2022 17:47	COMPLETED
2688	UAIL/LDC/FY23/GWP/20	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/7; UAIL/LDC/FY23/WHP/2	04-04-2022 09:39	04-04-2022 17:24	COMPLETED
2689	UAIL/LDC/FY23/GWP/19	PM63098	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-HALF YEARLY	C1B TAILEND	DFS-C1B-669-004-AC2,	N/R	03-04-2022 15:47	03-04-2022 20:13	COMPLETED
2690	UAIL/LDC/FY23/GWP/18	PM63097	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-HALF YEARLY	C1B TAILEND	DFS-C1B-669-004-AC1,	N/R	03-04-2022 15:25	03-04-2022 20:13	COMPLETED
2692	UAIL/LDC/FY23/GWP/16	W/O	SAFETY GUARD POST WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/5	03-04-2022 09:28	03-04-2022 16:55	COMPLETED
2693	UAIL/LDC/FY23/GWP/15	PM63087	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-004-QUARTERLY	C1B TAILEND	DFS-C1B-669-004-PP1,	N/R	02-04-2022 17:37	02-04-2022 17:52	COMPLETED
2694	UAIL/LDC/FY23/GWP/14	PM63086	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-003-QUARTERLY	C1B TAILEND	DFS-C1B-669-004-PP4,	N/R	02-04-2022 17:25	02-04-2022 17:51	COMPLETED
2695	UAIL/LDC/FY23/GWP/13	PM63085	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-002-QUARTERLY	C1B TAILEND	DFS-C1B-669-004-PP3,	N/R	02-04-2022 17:05	02-04-2022 17:39	COMPLETED
2697	UAIL/LDC/FY23/GWP/11	PM63084	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-001-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP2,	N/R	02-04-2022 16:24	02-04-2022 17:26	COMPLETED

2698	UAIL/LDC/FY23/GWP/10	PM63094	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	02-04-2022 16:09	02-04-2022 16:35	COMPLETED
2700	UAIL/LDC/FY23/GWP/7	PM63080	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	02-04-2022 15:28	02-04-2022 16:02	COMPLETED
2703	UAIL/LDC/FY23/GWP/4	PM63072	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	02-04-2022 15:05	02-04-2022 15:36	COMPLETED
2707	UAIL/LDC/FY22/GWP/2058	WO52200	LOOP INSTALISATION ON CONVEYOR BELT(C1A)	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/364; UAIL/LDC/FY22/WHP/376	31-03-2022 20:30	01-04-2022 05:25	COMPLETED
2709	UAIL/LDC/FY22/GWP/2049	W/O	EQUIPMENT CLEANING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/WHP/375	31-03-2022 10:48	31-03-2022 17:31	COMPLETED
2710	UAIL/LDC/FY22/GWP/2048	WO53817	C1A TURN OVER 45 DEG PULLEY REPLACEMENT	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	UAIL/LDC/FY22/WHP/374	31-03-2022 10:32	31-03-2022 14:57	COMPLETED
2713	UAIL/LDC/FY22/GWP/2044	WO52200	LOOP INSTALISATION ON CONVEYOR BELT(C1A)	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/360; UAIL/LDC/FY22/WHP/372	31-03-2022 06:54	31-03-2022 17:32	COMPLETED
2714	UAIL/LDC/FY22/GWP/2043	W/O	MATERIAL LIFTING AND SHIFTING WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/WHP/371	30-03-2022 22:43	31-03-2022 01:00	COMPLETED
2715	UAIL/LDC/FY22/GWP/2039	W/O	SAFETY GUARD FIT-UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/358	30-03-2022 10:58	30-03-2022 17:02	COMPLETED
2717	UAIL/LDC/FY22/GWP/2035	WO52447	C1A TAKE UP MOVABLE PULLEY (DRIVE END SIDE)LAGGING WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	UAIL/LDC/FY22/HWP/356; UAIL/LDC/FY22/WHP/369	30-03-2022 01:00	30-03-2022 08:49	COMPLETED
2719	UAIL/LDC/FY22/GWP/2030	WO53577	C1A HEAD END HEAD PULLEY BOTH PLUMMER BLOCK BEARING PM	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	UAIL/LDC/FY22/WHP/368	29-03-2022 11:19	29-03-2022 17:04	COMPLETED
2721	UAIL/LDC/FY22/GWP/2022	WO52199	LOOP INSTALISATION ON CONVEYOR BELT	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY22/HWP/354	29-03-2022 06:48	29-03-2022 18:24	COMPLETED
2722	UAIL/LDC/FY22/GWP/2016	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/353; UAIL/LDC/FY22/WHP/365	28-03-2022 08:37	28-03-2022 22:32	COMPLETED
2723	UAIL/LDC/FY22/GWP/2015	WO53579	T1 BEND PULLEY BOTTOM LAGGING	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	UAIL/LDC/FY22/HWP/352; UAIL/LDC/FY22/WHP/364	28-03-2022 08:09	28-03-2022 15:51	COMPLETED
2724	UAIL/LDC/FY22/GWP/2012	WO53577	C1A HEAD END HEAD PULLEY BOTH PLUMMER BLOCK BEARING PM	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	UAIL/LDC/FY22/WHP/363	28-03-2022 07:22	28-03-2022 15:56	COMPLETED
2725	UAIL/LDC/FY22/GWP/2011	WO52199	LOOP INSTALISATION ON CONVEYOR BELT	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY22/HWP/351	28-03-2022 06:57	28-03-2022 21:20	COMPLETED
2726	UAIL/LDC/FY22/GWP/2010	W/O	SECONDARY PULLEY-2 LAGGING WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	UAIL/LDC/FY22/WHP/362	27-03-2022 21:04	28-03-2022 05:50	COMPLETED
2727	UAIL/LDC/FY22/GWP/2009	W/O	AREA HOUSEKEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	27-03-2022 09:42	27-03-2022 17:54	COMPLETED
2728	UAIL/LDC/FY22/GWP/2008	WO52199	LOOP INSTALISATION ON CONVEYOR BELT	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY22/HWP/350	27-03-2022 09:18	27-03-2022 19:44	COMPLETED
2729	UAIL/LDC/FY22/GWP/2007	WO53432	PRIMARY DRIVE PULLEY 2 PLUMMER BLOCK PM WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	UAIL/LDC/FY22/WHP/361	27-03-2022 07:55	27-03-2022 18:09	COMPLETED
2730	UAIL/LDC/FY22/GWP/2005	WO16259	capstain brake replacement	C1A HEADEND	VGT-C1A-669-002-CB,	UAIL/LDC/FY22/HWP/349; UAIL/LDC/FY22/WHP/360	27-03-2022 07:41	27-03-2022 17:51	COMPLETED
2733	UAIL/LDC/FY22/GWP/1999	WO16259	capstain brake replacement	C1A HEADEND	VGT-C1A-669-002-CB,	UAIL/LDC/FY22/HWP/348; UAIL/LDC/FY22/WHP/359	26-03-2022 14:02	26-03-2022 21:47	COMPLETED
2734	UAIL/LDC/FY22/GWP/1998	WO53432	PRIMARY DRIVE PULLEY 2 PLUMMER BLOCK PM WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	26-03-2022 13:07	26-03-2022 17:44	COMPLETED
2743	UAIL/LDC/FY22/GWP/1982	PM42331	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	24-03-2022 19:29	24-03-2022 21:10	COMPLETED
2744	UAIL/LDC/FY22/GWP/1981	PM42330	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	24-03-2022 19:22	24-03-2022 21:10	COMPLETED
2745	UAIL/LDC/FY22/GWP/1980	PM42328	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	24-03-2022 19:13	24-03-2022 21:11	COMPLETED
2746	UAIL/LDC/FY22/GWP/1979	PM42326	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	24-03-2022 19:04	24-03-2022 21:10	COMPLETED
2747	UAIL/LDC/FY22/GWP/1978	WO52199	LOOP INSTALISATION ON CONVEYOR BELT	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY22/HWP/343	24-03-2022 15:24	24-03-2022 21:10	COMPLETED
2750	UAIL/LDC/FY22/GWP/1974	PM42311	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-HALF YEARLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 22:00	23-03-2022 23:20	COMPLETED
2751	UAIL/LDC/FY22/GWP/1973	PM42349	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 21:32	23-03-2022 22:48	COMPLETED
2752	UAIL/LDC/FY22/GWP/1972	PM42311	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-HALF YEARLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 23:40	23-03-2022 23:56	COMPLETED
2753	UAIL/LDC/FY22/GWP/1971	PM42348	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 21:25	23-03-2022 22:47	COMPLETED
2754	UAIL/LDC/FY22/GWP/1970	PM42347	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 21:17	23-03-2022 22:47	COMPLETED
2755	UAIL/LDC/FY22/GWP/1969	PM42310	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-003-GB1,	N/R	23-03-2022 21:15	23-03-2022 23:21	COMPLETED
2756	UAIL/LDC/FY22/GWP/1968	PM42294	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 20:46	23-03-2022 23:22	COMPLETED
2757	UAIL/LDC/FY22/GWP/1967	PM42290	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 20:32	23-03-2022 21:27	COMPLETED
2759	UAIL/LDC/FY22/GWP/1965	PM42288	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	23-03-2022 16:57	23-03-2022 20:34	COMPLETED
2762	UAIL/LDC/FY22/GWP/1960	W/O	INSIDE BARRICATE AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2022 09:25	23-03-2022 16:12	COMPLETED
2763	UAIL/LDC/FY22/GWP/1958	WO52158	IMJH MOTOR-3 REPLACEMENT WORK	C1A HEADEND	BCC1A-669-002-M3,	UAIL/LDC/FY22/WHP/348	23-03-2022 08:19	23-03-2022 20:36	COMPLETED
2764	UAIL/LDC/FY22/GWP/1957	WO52176	C1A GEAR BOX-3 OIL SEAL REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY22/HWP/340	23-03-2022 07:38	23-03-2022 16:03	COMPLETED
2765	UAIL/LDC/FY22/GWP/1956	WO52139	REPLACEMENT OF PULLEY LAGGING(TAIL END SIDE BEND PULLEY TOP)	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	23-03-2022 04:07	23-03-2022 06:28	COMPLETED
2766	UAIL/LDC/FY22/GWP/1955	WO52139	REPLACEMENT OF PULLEY LAGGING(TAIL END SIDE BEND PULLEY TOP)	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP4	UAIL/LDC/FY22/HWP/339	23-03-2022 01:46	23-03-2022 03:47	COMPLETED

2767	UAIL/LDC/FY22/GWP/1953	WO52139	REPLACEMENT OF PULLEY LAGGING(TAIL END SIDE BEND PULLEY TOP)	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	22-03-2022 22:19	23-03-2022 00:49	COMPLETED
2768	UAIL/LDC/FY22/GWP/1952	PM42346	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	22-03-2022 21:45	22-03-2022 21:54	COMPLETED
2769	UAIL/LDC/FY22/GWP/1951	PM42342	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	22-03-2022 20:06	22-03-2022 21:52	COMPLETED
2771	UAIL/LDC/FY22/GWP/1949	PM42309	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	22-03-2022 19:14	22-03-2022 20:23	COMPLETED
2772	UAIL/LDC/FY22/GWP/1948	WO52176	C1A GEAR BOX-3 OIL SEAL REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY22/HWP/336	22-03-2022 18:41	23-03-2022 08:33	COMPLETED
2773	UAIL/LDC/FY22/GWP/1947	PM42308	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	22-03-2022 18:36	22-03-2022 19:44	COMPLETED
2774	UAIL/LDC/FY22/GWP/1946	PM42305	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	22-03-2022 18:08	22-03-2022 19:40	COMPLETED
2775	UAIL/LDC/FY22/GWP/1945	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	22-03-2022 16:14	22-03-2022 23:37	COMPLETED
2776	UAIL/LDC/FY22/GWP/1944	WO52158	IMJH MOTOR-3 REPLACEMENT WORK	C1A HEADEND	BCC1A-669-002-M3,	UAIL/LDC/FY22/WHP/347	22-03-2022 16:03	22-03-2022 23:56	COMPLETED
2777	UAIL/LDC/FY22/GWP/1943	WO52139	REPLACEMENT OF PULLEY LAGGING(TAIL END SIDE BEND PULLEY TOP)	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	UAIL/LDC/FY22/HWP/335	22-03-2022 15:51	22-03-2022 20:28	COMPLETED
2778	UAIL/LDC/FY22/GWP/1941	WO52142	CABLE CONNECTION AND DISCONNECTION OF 850 KW MOTOR FOR REPLACEMENT PURPOSE	C1A HEADEND	BCC1A-669-002-M3,	UAIL/LDC/FY22/EWP/380; UAIL/LDC/FY22/WHP/346	22-03-2022 15:42	22-03-2022 23:25	COMPLETED
2779	UAIL/LDC/FY22/GWP/1939	W/O	SUPPORT BEAM FABRICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/333	21-03-2022 09:56	21-03-2022 17:23	COMPLETED
2780	UAIL/LDC/FY22/GWP/1938	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY22/HWP/332; UAIL/LDC/FY22/WHP/344	21-03-2022 09:56	21-03-2022 17:24	COMPLETED
2783	UAIL/LDC/FY22/GWP/1924	PM42292	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	18-03-2022 15:29	18-03-2022 17:45	COMPLETED
2787	UAIL/LDC/FY22/GWP/1920	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY22/HWP/330; UAIL/LDC/FY22/WHP/342	18-03-2022 09:51	18-03-2022 15:06	COMPLETED
2788	UAIL/LDC/FY22/GWP/1919	W/O	SUPPORTING BEAM FABRICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/329	18-03-2022 09:37	18-03-2022 15:03	COMPLETED
2789	UAIL/LDC/FY22/GWP/1916	PM42282	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	17-03-2022 17:35	17-03-2022 17:53	COMPLETED
2793	UAIL/LDC/FY22/GWP/1911	PM42278	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	17-03-2022 16:24	17-03-2022 16:46	COMPLETED
2794	UAIL/LDC/FY22/GWP/1909	PM42277	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	17-03-2022 16:07	17-03-2022 16:52	COMPLETED
2795	UAIL/LDC/FY22/GWP/1908	PM42275	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	17-03-2022 15:52	17-03-2022 16:20	COMPLETED
2796	UAIL/LDC/FY22/GWP/1905	WO50385	LINER PLATE REPLACEMENT OF C1A HEAD END DISCHARGE CHUTE AT IJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/67; UAIL/LDC/FY22/WHP/341	17-03-2022 15:30	17-03-2022 17:40	COMPLETED
2798	UAIL/LDC/FY22/GWP/1903	W/O	SUPPORT BEAM FABRICATION WORK.	IMJH	N/R	UAIL/LDC/FY22/HWP/328	17-03-2022 09:54	17-03-2022 18:11	COMPLETED
2799	UAIL/LDC/FY22/GWP/1902	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY22/HWP/327; UAIL/LDC/FY22/WHP/340	17-03-2022 09:45	17-03-2022 18:12	COMPLETED
2800	UAIL/LDC/FY22/GWP/1900	PM42269	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/66	16-03-2022 15:49	16-03-2022 17:19	COMPLETED
2804	UAIL/LDC/FY22/GWP/1896	WO50080	SKIRT BOARD RUBBER REPLACEMENT OF C1B TAIL END DISCHARGE CHUTE AT IJH.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	16-03-2022 14:33	16-03-2022 17:17	COMPLETED
2805	UAIL/LDC/FY22/GWP/1889	W/O	SUPPORT BEAM FABRICATION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/326	16-03-2022 09:43	16-03-2022 17:39	COMPLETED
2809	UAIL/LDC/FY22/GWP/1880	PM42263	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	15-03-2022 15:04	15-03-2022 17:20	COMPLETED
2810	UAIL/LDC/FY22/GWP/1879	WO47230	ROLLER REPLACEMENT AT CURVE-3 AREA OF C1A CONVEYOR.	C1A HEADEND	C1A-669-002-CV3,	N/R	15-03-2022 14:45	15-03-2022 17:19	COMPLETED
2811	UAIL/LDC/FY22/GWP/1874	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	N/R	UAIL/LDC/FY22/HWP/325; UAIL/LDC/FY22/WHP/337	15-03-2022 09:28	15-03-2022 17:06	COMPLETED
2817	UAIL/LDC/FY22/GWP/1858	WO48422	CSK NUT BOLT REPLACEMENT OF C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/65; UAIL/LDC/FY22/WHP/336	14-03-2022 14:54	14-03-2022 16:52	COMPLETED
2818	UAIL/LDC/FY22/GWP/1850	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY22/HWP/324; UAIL/LDC/FY22/WHP/334	14-03-2022 09:28	14-03-2022 17:29	COMPLETED
2819	UAIL/LDC/FY22/GWP/1849	PM42227	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-HALF YEARLY	C1A HEADEND	C1A-669-002-HE,	N/R	13-03-2022 15:13	13-03-2022 17:19	COMPLETED
2821	UAIL/LDC/FY22/GWP/1847	PM42229	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	C1A-669-002-HE,	N/R	13-03-2022 14:55	13-03-2022 17:20	COMPLETED
2822	UAIL/LDC/FY22/GWP/1846	WO47871	ROLLE REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-HE,	N/R	13-03-2022 14:33	13-03-2022 17:21	COMPLETED
2823	UAIL/LDC/FY22/GWP/1845	W/O	DFDS PIPE LINE MODIFICATION WORK AT C1A HEAD END.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/323; UAIL/LDC/FY22/WHP/333	13-03-2022 09:07	13-03-2022 17:00	COMPLETED
2829	UAIL/LDC/FY22/GWP/1839	PM42218	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	12-03-2022 15:38	12-03-2022 17:30	COMPLETED
2830	UAIL/LDC/FY22/GWP/1838	WO44888	CSK NUT,BOLT REPLACEMENT OF C1A HEAD END DISCHARGE CHUTE AT IJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/64; UAIL/LDC/FY22/WHP/332	12-03-2022 15:20	12-03-2022 17:33	COMPLETED
2831	UAIL/LDC/FY22/GWP/1837	WO44887	BELT NO-26284 EDGE REPAIRING WORK AT IJH.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/322	12-03-2022 14:40	12-03-2022 18:32	COMPLETED
2833	UAIL/LDC/FY22/GWP/1835	W/O	DFDS PIPE LINE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/320; UAIL/LDC/FY22/WHP/331	12-03-2022 09:48	12-03-2022 17:08	COMPLETED
2834	UAIL/LDC/FY22/GWP/1832	PM42213	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	11-03-2022 16:57	11-03-2022 17:58	COMPLETED
2835	UAIL/LDC/FY22/GWP/1831	PM42212	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	11-03-2022 16:58	11-03-2022 17:58	COMPLETED
2836	UAIL/LDC/FY22/GWP/1830	PM42211	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	11-03-2022 16:59	11-03-2022 17:54	COMPLETED

2837	UAIL/LDC/FY22/GWP/1829	PM42210	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	11-03-2022 16:24	11-03-2022 17:24	COMPLETED
2842	UAIL/LDC/FY22/GWP/1824	PM42182	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	11-03-2022 14:51	11-03-2022 15:49	COMPLETED
2843	UAIL/LDC/FY22/GWP/1821	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/319; UAIL/LDC/FY22/WHP/327	11-03-2022 09:24	11-03-2022 17:34	COMPLETED
2844	UAIL/LDC/FY22/GWP/1820	W/O	HOUSEKEEPING WORK AT C1B TAILEND AREA.	C1B TAILEND	C1B-669-004-TE,	N/R	10-03-2022 15:37	10-03-2022 17:31	COMPLETED
2845	UAIL/LDC/FY22/GWP/1819	PM42207	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	10-03-2022 15:25	10-03-2022 17:31	COMPLETED
2846	UAIL/LDC/FY22/GWP/1818	PM42206	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	10-03-2022 15:15	10-03-2022 17:32	COMPLETED
2847	UAIL/LDC/FY22/GWP/1817	WO42781	NUT ,BOLT REPLACEMENT AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/63	10-03-2022 14:56	10-03-2022 17:33	COMPLETED
2848	UAIL/LDC/FY22/GWP/1811	PM42180	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-HALF YEARLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	09-03-2022 18:10	09-03-2022 18:18	COMPLETED
2849	UAIL/LDC/FY22/GWP/1810	PM42192	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-03-2022 17:31	09-03-2022 18:02	COMPLETED
2850	UAIL/LDC/FY22/GWP/1809	PM42191	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-03-2022 17:21	09-03-2022 18:03	COMPLETED
2851	UAIL/LDC/FY22/GWP/1808	PM42189	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-03-2022 17:04	09-03-2022 18:05	COMPLETED
2852	UAIL/LDC/FY22/GWP/1807	PM42185	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-03-2022 16:54	09-03-2022 18:05	COMPLETED
2853	UAIL/LDC/FY22/GWP/1806	PM42184	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-03-2022 15:59	09-03-2022 17:11	COMPLETED
2855	UAIL/LDC/FY22/GWP/1802	PM42175	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-PR-001-MONTHLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-PSCR	N/R	09-03-2022 15:35	09-03-2022 16:40	COMPLETED
2857	UAIL/LDC/FY22/GWP/1800	WO42714	BELT NO-26240 EDGE REPAIRING WORK AT IJH OF C1A CONVEYOR.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/318	09-03-2022 14:59	09-03-2022 18:06	COMPLETED
2858	UAIL/LDC/FY22/GWP/1798	W/O	HOIST MAINTAINANCE WORK.	C1A HEAD END	N/R	UAIL/LDC/FY22/WHP/325	09-03-2022 09:32	09-03-2022 17:37	COMPLETED
2859	UAIL/LDC/FY22/GWP/1797	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY22/HWP/317; UAIL/LDC/FY22/WHP/324	09-03-2022 09:17	09-03-2022 17:38	COMPLETED
2860	UAIL/LDC/FY22/GWP/1796	PM42176	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	08-03-2022 16:30	08-03-2022 17:25	COMPLETED
2862	UAIL/LDC/FY22/GWP/1794	W/O	HOUSEKEEPING WORK INSIDE SAFETY GUARD.	C1A HEADEND	C1A-669-002-HE,	N/R	08-03-2022 15:52	08-03-2022 17:19	COMPLETED
2863	UAIL/LDC/FY22/GWP/1793	WO42643	DEFLECTOR PLATE REPLACEMENT OF C1A DISCHARGE CHUTE AT IJH .	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/61; UAIL/LDC/FY22/WHP/322	08-03-2022 15:36	08-03-2022 16:45	COMPLETED
2864	UAIL/LDC/FY22/GWP/1791	W/O	DFDS PIPE LINE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/316; UAIL/LDC/FY22/WHP/320	08-03-2022 09:47	08-03-2022 16:41	COMPLETED
2865	UAIL/LDC/FY22/GWP/1790	PM42156	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	07-03-2022 16:46	07-03-2022 17:29	COMPLETED
2866	UAIL/LDC/FY22/GWP/1789	PM42155	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	07-03-2022 16:37	07-03-2022 17:29	COMPLETED
2868	UAIL/LDC/FY22/GWP/1787	PM42154	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	07-03-2022 16:28	07-03-2022 17:30	COMPLETED
2869	UAIL/LDC/FY22/GWP/1786	PM42153	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	07-03-2022 16:20	07-03-2022 17:30	COMPLETED
2870	UAIL/LDC/FY22/GWP/1785	PM42146	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	07-03-2022 16:12	07-03-2022 17:31	COMPLETED
2872	UAIL/LDC/FY22/GWP/1783	PM42151	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	07-03-2022 16:00	07-03-2022 17:40	COMPLETED
2873	UAIL/LDC/FY22/GWP/1781	PM42147	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	07-03-2022 15:49	07-03-2022 17:41	COMPLETED
2875	UAIL/LDC/FY22/GWP/1779	PM42143	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	07-03-2022 15:23	07-03-2022 17:41	COMPLETED
2876	UAIL/LDC/FY22/GWP/1778	PM42142	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	07-03-2022 15:14	07-03-2022 17:42	COMPLETED
2877	UAIL/LDC/FY22/GWP/1777	WO42583	SKIRT BOARD RUBBER REPLACEMENT OF C1B TAIL END DISCHARGE CHUTE AT IJH.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	07-03-2022 15:18	07-03-2022 17:31	COMPLETED
2878	UAIL/LDC/FY22/GWP/1776	WO42585	IMPACT IDLLER REPLACEMENT AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	07-03-2022 14:58	07-03-2022 17:32	COMPLETED
2879	UAIL/LDC/FY22/GWP/1775	WO42353	BELT NO-26219 EDGE REPAIRING WORK AT IJH OF C1A CONVEYOR.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/315	07-03-2022 14:49	07-03-2022 18:01	COMPLETED
2880	UAIL/LDC/FY22/GWP/1774	W/O	DFDS PIPE LINE MODIFIICATION WORK	C1B TAILEND	N/R	UAIL/LDC/FY22/HWP/314	07-03-2022 09:49	07-03-2022 17:49	COMPLETED
2881	UAIL/LDC/FY22/GWP/1772	W/O	DFDS PIPE LINE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/313; UAIL/LDC/FY22/WHP/317	07-03-2022 09:28	07-03-2022 17:50	COMPLETED
2884	UAIL/LDC/FY22/GWP/1769	PM33307	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	06-03-2022 16:40	06-03-2022 17:34	COMPLETED
2885	UAIL/LDC/FY22/GWP/1768	PM33323	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	06-03-2022 16:17	06-03-2022 17:02	COMPLETED
2886	UAIL/LDC/FY22/GWP/1767	PM33322	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	06-03-2022 15:56	06-03-2022 16:19	COMPLETED
2887	UAIL/LDC/FY22/GWP/1766	PM33325	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	06-03-2022 15:41	06-03-2022 16:02	COMPLETED
2888	UAIL/LDC/FY22/GWP/1765	PM33326	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	06-03-2022 15:31	06-03-2022 15:58	COMPLETED
2889	UAIL/LDC/FY22/GWP/1764	WO41930	NUT AND BOLT REPLACEMENT OF C1A HEAD END DISCHAGE CHUTE AT IJH AREA.	C1A HEAD END	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/59; UAIL/LDC/FY22/WHP/316	06-03-2022 15:07	06-03-2022 17:34	COMPLETED
2890	UAIL/LDC/FY22/GWP/1763	WO41224	BELT N0. 26284 EDGE REPAIRING WORK	C1A HEAD END	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/312	06-03-2022 14:36	06-03-2022 17:34	COMPLETED

2891	UAIL/LDC/FY22/GWP/1761	W/O	DFDS WATER PIPE LINE MODIFICATION WORK	C1A HEAD END	N/R	UAIL/LDC/FY22/HWP/311; UAIL/LDC/FY22/WHP/315	06-03-2022 09:12	06-03-2022 16:58	COMPLETED
2892	UAIL/LDC/FY22/GWP/1759	WO41874	V SCRAPER ADJUSTMENT WORK AT T2 BEND PULLEY BOTTOM AREA	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	05-03-2022 16:05	05-03-2022 17:23	COMPLETED
2894	UAIL/LDC/FY22/GWP/1756	WO40325	NUT AND BOLT REPLACEMENT OF C1A HEAD END DISCHAGE CHUTE AT IJH AREA.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/WHP/313	05-03-2022 15:26	05-03-2022 17:23	COMPLETED
2895	UAIL/LDC/FY22/GWP/1754	WO40323	IMPACT IDLLER REPLACEMENT AT C1B TAIL END AREA	C1B TAIL END	C1B-669-004-TE,	N/R	05-03-2022 14:43	05-03-2022 17:24	COMPLETED
2897	UAIL/LDC/FY22/GWP/1751	W/O	HOIST ROPE GUARD FIT-UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/310; UAIL/LDC/FY22/WHP/312	05-03-2022 09:53	05-03-2022 18:17	COMPLETED
2898	UAIL/LDC/FY22/GWP/1750	W/O	GI PIPE WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/309	05-03-2022 09:26	05-03-2022 18:18	COMPLETED
2899	UAIL/LDC/FY22/GWP/1749	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/308; UAIL/LDC/FY22/WHP/311	05-03-2022 09:05	05-03-2022 17:19	COMPLETED
2900	UAIL/LDC/FY22/GWP/1748	PM33277	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	04-03-2022 16:07	04-03-2022 17:33	COMPLETED
2901	UAIL/LDC/FY22/GWP/1747	PM33283	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	04-03-2022 15:49	04-03-2022 17:34	COMPLETED
2902	UAIL/LDC/FY22/GWP/1746	PM33279	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	04-03-2022 15:32	04-03-2022 15:53	COMPLETED
2903	UAIL/LDC/FY22/GWP/1745	PM33281	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	04-03-2022 15:25	04-03-2022 15:53	COMPLETED
2905	UAIL/LDC/FY22/GWP/1743	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	04-03-2022 14:52	04-03-2022 17:34	COMPLETED
2906	UAIL/LDC/FY22/GWP/1742	WO41222	ROLLER REPLACEMENT WORK AT C1B TAIL END	C1B TAIL END	C1B-669-004-TE,	N/R	04-03-2022 14:25	04-03-2022 17:34	COMPLETED
2907	UAIL/LDC/FY22/GWP/1741	W/O	HOIST PM WORK.	IMJH	N/R	UAIL/LDC/FY22/HWP/307; UAIL/LDC/FY22/WHP/309	04-03-2022 12:14	04-03-2022 15:57	COMPLETED
2908	UAIL/LDC/FY22/GWP/1738	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/305; UAIL/LDC/FY22/WHP/307	04-03-2022 09:14	04-03-2022 15:57	COMPLETED
2911	UAIL/LDC/FY22/GWP/1735	WO38516	IMPACT IDLER REPLACEMENT AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	03-03-2022 15:21	03-03-2022 18:32	COMPLETED
2913	UAIL/LDC/FY22/GWP/1733	WO38514	belt no-26284 edge patching work at ijh of c1a conveyor.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/304	03-03-2022 14:40	03-03-2022 19:26	COMPLETED
2914	UAIL/LDC/FY22/GWP/1732	W/O	DFDS PIPE LINE FIT UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/303; UAIL/LDC/FY22/WHP/306	03-03-2022 09:32	03-03-2022 19:05	COMPLETED
2920	UAIL/LDC/FY22/GWP/1725	PM33265	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	02-03-2022 15:26	02-03-2022 19:30	COMPLETED
2921	UAIL/LDC/FY22/GWP/1724	PM33264	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	02-03-2022 15:21	02-03-2022 19:30	COMPLETED
2923	UAIL/LDC/FY22/GWP/1722	W/O	c1a head end motor 3 de-coupling work	C1A HEADEND	BCC1A-669-002-M3,	N/R	02-03-2022 15:08	02-03-2022 19:30	COMPLETED
2924	UAIL/LDC/FY22/GWP/1721	WO38467	IMPACT IDLER REPLACEMENT AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	02-03-2022 15:08	02-03-2022 19:30	COMPLETED
2925	UAIL/LDC/FY22/GWP/1720	WO38466	BELT NO-26219 EDGE REPAIRING WORK AT IJH OF C1A CONVEYOR.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/302	02-03-2022 14:46	02-03-2022 19:30	COMPLETED
2928	UAIL/LDC/FY22/GWP/1716	W/O	ROLLER REPLACEMENT AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	N/R	01-03-2022 14:47	01-03-2022 19:05	COMPLETED
2929	UAIL/LDC/FY22/GWP/1715	W/O	DFDS PIPE LINE FIT UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/301; UAIL/LDC/FY22/WHP/304	01-03-2022 09:09	01-03-2022 17:20	COMPLETED
2930	UAIL/LDC/FY22/GWP/1714	WO31082	REPLACEMENT OF PRIMARY SCRAPER AT IJH.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	28-02-2022 17:50	28-02-2022 19:09	COMPLETED
2931	UAIL/LDC/FY22/GWP/1713	WO33335	REPLACEMENT OF PROP. VALVE OF HP UNIT.	C1B TAILEND	HDB-C1B-669-004-HPU,	N/R	28-02-2022 15:47	28-02-2022 19:04	COMPLETED
2932	UAIL/LDC/FY22/GWP/1712	PM33256	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	28-02-2022 15:34	28-02-2022 19:08	COMPLETED
2933	UAIL/LDC/FY22/GWP/1711	WO31084	REPLACEMENT THE SLEEVE OF C1A TURN OVER SECTION 45 DEGREE PULLEY.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	28-02-2022 15:24	28-02-2022 17:48	COMPLETED
2934	UAIL/LDC/FY22/GWP/1710	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	28-02-2022 15:16	28-02-2022 19:09	COMPLETED
2935	UAIL/LDC/FY22/GWP/1709	WO31081	IMPACT ROLLER REPLACEMENT WORK	C1B TAILEND	C1B-669-004-TE,	N/R	28-02-2022 15:15	28-02-2022 19:08	COMPLETED
2937	UAIL/LDC/FY22/GWP/1707	WO33238	DISCHARGE CHUTE NUT BOLT REPLACEMENT WORK AT C1A HEAD END	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/56; UAIL/LDC/FY22/WHP/303	28-02-2022 14:53	28-02-2022 18:58	COMPLETED
2940	UAIL/LDC/FY22/GWP/1703	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/300; UAIL/LDC/FY22/WHP/302	28-02-2022 09:07	28-02-2022 17:49	COMPLETED
2942	UAIL/LDC/FY22/GWP/1701	PM31469	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	27-02-2022 15:03	27-02-2022 18:52	COMPLETED
2943	UAIL/LDC/FY22/GWP/1700	WO32883	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV8,	N/R	27-02-2022 14:48	28-02-2022 14:29	COMPLETED
2948	UAIL/LDC/FY22/GWP/1694	W/O	DFDS MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/299; UAIL/LDC/FY22/WHP/301	27-02-2022 09:07	28-02-2022 14:25	COMPLETED
2949	UAIL/LDC/FY22/GWP/1693	PM31447	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	26-02-2022 16:42	26-02-2022 19:33	COMPLETED
2950	UAIL/LDC/FY22/GWP/1691	PM31446	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	26-02-2022 16:37	26-02-2022 19:34	COMPLETED
2951	UAIL/LDC/FY22/GWP/1690	PM31445	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	26-02-2022 16:29	26-02-2022 19:34	COMPLETED
2954	UAIL/LDC/FY22/GWP/1687	W/O	HOUSEKEEPING WORK INSIDE SAFETY BARRICATION AT C1B TAIL END AREA.	C1B TAILEND	C1B-669-004-TE,	N/R	26-02-2022 15:34	26-02-2022 19:35	COMPLETED
2955	UAIL/LDC/FY22/GWP/1686	PM31443	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-DISC,	N/R	26-02-2022 15:26	26-02-2022 19:35	COMPLETED
2956	UAIL/LDC/FY22/GWP/1685	PM31444	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	26-02-2022 14:27	26-02-2022 19:33	COMPLETED

2958	UAIL/LDC/FY22/GWP/1683	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/297; UAIL/LDC/FY22/WHP/299	26-02-2022 09:12	26-02-2022 17:52	COMPLETED
2970	UAIL/LDC/FY22/GWP/1666	PM31455	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-002-FORTNIGHTLY	C1A HEADEND	HDB-C1B-669-004-HPU,	N/R	25-02-2022 14:23	25-02-2022 17:29	COMPLETED
2971	UAIL/LDC/FY22/GWP/1662	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/296; UAIL/LDC/FY22/WHP/298	25-02-2022 09:03	25-02-2022 17:16	COMPLETED
2972	UAIL/LDC/FY22/GWP/1653	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEAD END.	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/295; UAIL/LDC/FY22/WHP/296	24-02-2022 09:06	24-02-2022 17:26	COMPLETED
2973	UAIL/LDC/FY22/GWP/1652	PM31404	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 16:51	23-02-2022 17:30	COMPLETED
2974	UAIL/LDC/FY22/GWP/1651	PM31403	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 16:45	23-02-2022 17:30	COMPLETED
2975	UAIL/LDC/FY22/GWP/1649	PM31402	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 15:46	23-02-2022 17:34	COMPLETED
2976	UAIL/LDC/FY22/GWP/1648	PM31401	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 15:40	23-02-2022 17:34	COMPLETED
2977	UAIL/LDC/FY22/GWP/1646	PM31400	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 15:32	23-02-2022 17:30	COMPLETED
2978	UAIL/LDC/FY22/GWP/1645	PM31399	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 15:27	23-02-2022 17:31	COMPLETED
2979	UAIL/LDC/FY22/GWP/1644	PM31398	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 15:21	23-02-2022 17:31	COMPLETED
2980	UAIL/LDC/FY22/GWP/1642	PM31397	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 15:13	23-02-2022 16:34	COMPLETED
2981	UAIL/LDC/FY22/GWP/1641	PM31396	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	23-02-2022 15:03	23-02-2022 16:34	COMPLETED
2983	UAIL/LDC/FY22/GWP/1635	W/O	ROLLER REPLACEMENT WORK	IMJH	C1B-669-001-CV1,	N/R	23-02-2022 07:40	23-02-2022 07:56	COMPLETED
2984	UAIL/LDC/FY22/GWP/1634	PM31392	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 16:26	22-02-2022 17:24	COMPLETED
2985	UAIL/LDC/FY22/GWP/1633	PM31393	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 16:19	22-02-2022 17:24	COMPLETED
2986	UAIL/LDC/FY22/GWP/1632	PM31394	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 16:13	22-02-2022 17:25	COMPLETED
2987	UAIL/LDC/FY22/GWP/1631	PM31395	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 16:07	22-02-2022 17:25	COMPLETED
2988	UAIL/LDC/FY22/GWP/1630	PM31391	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 15:56	22-02-2022 17:21	COMPLETED
2989	UAIL/LDC/FY22/GWP/1628	PM31390	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 15:45	22-02-2022 17:22	COMPLETED
2990	UAIL/LDC/FY22/GWP/1626	PM31389	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 15:37	22-02-2022 17:22	COMPLETED
2991	UAIL/LDC/FY22/GWP/1625	PM31385	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 15:30	22-02-2022 17:22	COMPLETED
2992	UAIL/LDC/FY22/GWP/1623	PM31383	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,	N/R	22-02-2022 15:20	22-02-2022 16:27	COMPLETED
2993	UAIL/LDC/FY22/GWP/1622	PM31382	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	22-02-2022 15:00	22-02-2022 15:54	COMPLETED
2995	UAIL/LDC/FY22/GWP/1617	W/O	DFDS PIPE LINE MODIFICATION WORK AT C1A HEAD END.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/292; UAIL/LDC/FY22/WHP/295	22-02-2022 09:05	22-02-2022 17:13	COMPLETED
2997	UAIL/LDC/FY22/GWP/1610	WO30374	REPLACEMENT OR ADJUSTMENT THE SKIRT GAURD RUBBER OF C1B TAILEND DISCHARGE CHUTE AT IJH AREA.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	21-02-2022 15:23	21-02-2022 17:23	COMPLETED
2998	UAIL/LDC/FY22/GWP/1609	WO30371	REPLACEMENT OF MISSING NUT AND BOLT OF C1A HEAD END DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/55; UAIL/LDC/FY22/WHP/294	21-02-2022 14:42	21-02-2022 17:07	COMPLETED
2999	UAIL/LDC/FY22/GWP/1608	W/O	HOUSE KEEPING WORK AT C1B TAIL END AREA.	C1B TAILEND	C1B-669-004-TE,	N/R	21-02-2022 14:32	21-02-2022 17:21	COMPLETED
3000	UAIL/LDC/FY22/GWP/1607	PM31370	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	21-02-2022 14:17	21-02-2022 17:23	COMPLETED
3002	UAIL/LDC/FY22/GWP/1602	W/O	DFDS PIPE LINE FIT UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/289; UAIL/LDC/FY22/WHP/292	21-02-2022 09:01	21-02-2022 17:20	COMPLETED
3004	UAIL/LDC/FY22/GWP/1600	PM25251	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	20-02-2022 16:47	20-02-2022 17:44	COMPLETED
3005	UAIL/LDC/FY22/GWP/1599	PM25250	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	20-02-2022 16:37	20-02-2022 17:44	COMPLETED
3006	UAIL/LDC/FY22/GWP/1598	PM25249	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	20-02-2022 16:33	20-02-2022 17:44	COMPLETED
3007	UAIL/LDC/FY22/GWP/1597	PM25248	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	20-02-2022 16:24	20-02-2022 17:44	COMPLETED
3008	UAIL/LDC/FY22/GWP/1596	PM25244	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	20-02-2022 16:22	20-02-2022 17:02	COMPLETED
3009	UAIL/LDC/FY22/GWP/1595	PM25243	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	20-02-2022 16:12	20-02-2022 16:32	COMPLETED
3010	UAIL/LDC/FY22/GWP/1594	PM25236	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	20-02-2022 16:05	20-02-2022 16:33	COMPLETED
3011	UAIL/LDC/FY22/GWP/1593	PM25236	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	20-02-2022 16:02	20-02-2022 16:31	COMPLETED
3012	UAIL/LDC/FY22/GWP/1589	PM24650	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	19-02-2022 16:13	19-02-2022 17:16	COMPLETED
3013	UAIL/LDC/FY22/GWP/1588	PM24651	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	19-02-2022 16:07	19-02-2022 17:15	COMPLETED
3014	UAIL/LDC/FY22/GWP/1587	PM24653	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	19-02-2022 16:01	19-02-2022 17:14	COMPLETED
3015	UAIL/LDC/FY22/GWP/1586	PM24659	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	19-02-2022 15:54	19-02-2022 17:14	COMPLETED

3016	UAIL/LDC/FY22/GWP/1584	PM24654	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	19-02-2022 15:40	19-02-2022 17:13	COMPLETED
3017	UAIL/LDC/FY22/GWP/1583	PM25237	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	19-02-2022 15:30	19-02-2022 15:42	COMPLETED
3018	UAIL/LDC/FY22/GWP/1581	PM24648	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	19-02-2022 15:20	19-02-2022 15:41	COMPLETED
3021	UAIL/LDC/FY22/GWP/1574	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/288; UAIL/LDC/FY22/WHP/288	19-02-2022 09:48	19-02-2022 17:27	COMPLETED
3022	UAIL/LDC/FY22/GWP/1571	WO29173	C1A DISCHARGE CHUTE NUTAND BOLT REPLACEMENT AT IJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/54; UAIL/LDC/FY22/WHP/287	18-02-2022 15:41	18-02-2022 17:25	COMPLETED
3026	UAIL/LDC/FY22/GWP/1560	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/285; UAIL/LDC/FY22/WHP/285	18-02-2022 09:03	18-02-2022 17:30	COMPLETED
3027	UAIL/LDC/FY22/GWP/1556	WO28738	REPLACEMENT OF DISTRIBUTOR BLOCK, JOINTER AND CLAMP OF AUTO LUBRICATION SYSTEM.	C1A HEADEND	ALS1-C1A-669-002,	N/R	17-02-2022 17:53	17-02-2022 17:58	COMPLETED
3028	UAIL/LDC/FY22/GWP/1555	WO28735	REPLACEMENT OF PUMP ELEMENT, CIRCUIT BOARD,PRESSURE GAUGE AND FITTINGS OF AUTO LUBRICATION SYSTEM.	C1A HEADEND	ALS1-C1A-669-002,	N/R	17-02-2022 17:36	17-02-2022 17:47	COMPLETED
3029	UAIL/LDC/FY22/GWP/1554	PM25201	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	17-02-2022 17:23	17-02-2022 17:54	COMPLETED
3030	UAIL/LDC/FY22/GWP/1553	PM25200	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	17-02-2022 17:08	17-02-2022 17:54	COMPLETED
3031	UAIL/LDC/FY22/GWP/1552	WO28734	REPLACEMENT OF DIRECTIONAL SEATED VALVE AND PRESSURE SWITCH.	C1B TAILEND	HDB-C1B-669-004-HPU,	N/R	17-02-2022 16:45	17-02-2022 17:55	COMPLETED
3032	UAIL/LDC/FY22/GWP/1548	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	BC-C1A-669-002,	N/R	17-02-2022 15:42	17-02-2022 16:48	COMPLETED
3033	UAIL/LDC/FY22/GWP/1545	PM24611	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-02-2022 15:05	17-02-2022 16:47	COMPLETED
3036	UAIL/LDC/FY22/GWP/1542	W/O	DFDS PIPE LINE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/283; UAIL/LDC/FY22/WHP/284	17-02-2022 10:35	17-02-2022 17:20	COMPLETED
3044	UAIL/LDC/FY22/GWP/1529	PM24567	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	16-02-2022 14:14	16-02-2022 17:16	COMPLETED
3045	UAIL/LDC/FY22/GWP/1523	PM24580	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	15-02-2022 16:36	15-02-2022 17:34	COMPLETED
3046	UAIL/LDC/FY22/GWP/1521	PM25168	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	15-02-2022 16:07	15-02-2022 17:34	COMPLETED
3049	UAIL/LDC/FY22/GWP/1518	PM24559	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	15-02-2022 15:41	15-02-2022 17:35	COMPLETED
3050	UAIL/LDC/FY22/GWP/1517	PM25147	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	15-02-2022 15:41	15-02-2022 16:28	COMPLETED
3052	UAIL/LDC/FY22/GWP/1512	PM25155	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	15-02-2022 14:33	15-02-2022 15:42	COMPLETED
3054	UAIL/LDC/FY22/GWP/1506	W/O	DFDS PIPE LINE MODIFICATION WORK AT C1A HEAD END AREA.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/282; UAIL/LDC/FY22/WHP/281	15-02-2022 09:24	15-02-2022 17:52	COMPLETED
3061	UAIL/LDC/FY22/GWP/1494	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/279; UAIL/LDC/FY22/WHP/279	14-02-2022 09:31	14-02-2022 17:39	COMPLETED
3063	UAIL/LDC/FY22/GWP/1492	PM23239	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	13-02-2022 15:33	13-02-2022 17:45	COMPLETED
3071	UAIL/LDC/FY22/GWP/1473	PM23213	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	12-02-2022 15:41	12-02-2022 17:28	COMPLETED
3072	UAIL/LDC/FY22/GWP/1472	PM23212	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	12-02-2022 15:34	12-02-2022 17:28	COMPLETED
3073	UAIL/LDC/FY22/GWP/1470	PM23211	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	12-02-2022 15:27	12-02-2022 17:29	COMPLETED
3077	UAIL/LDC/FY22/GWP/1465	WO23261	LINER PLATE INSPECTION AT C1A HEAD END DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/53; UAIL/LDC/FY22/WHP/277	12-02-2022 14:52	12-02-2022 17:29	COMPLETED
3080	UAIL/LDC/FY22/GWP/1454	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/276; UAIL/LDC/FY22/WHP/276	12-02-2022 09:07	12-02-2022 17:12	COMPLETED
3081	UAIL/LDC/FY22/GWP/1453	PM23208	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	11-02-2022 16:44	11-02-2022 17:16	COMPLETED
3082	UAIL/LDC/FY22/GWP/1452	PM23210	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	11-02-2022 15:50	11-02-2022 17:15	COMPLETED
3083	UAIL/LDC/FY22/GWP/1451	PM23209	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	11-02-2022 15:40	11-02-2022 17:13	COMPLETED
3084	UAIL/LDC/FY22/GWP/1450	PM23207	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	11-02-2022 15:33	11-02-2022 17:11	COMPLETED
3087	UAIL/LDC/FY22/GWP/1447	WO23259	BELT NO-26284 EDGE REPAIRING WORK AT IJH AREA OF C1A CONVEYOR.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/275	11-02-2022 14:45	11-02-2022 17:25	COMPLETED
3089	UAIL/LDC/FY22/GWP/1440	W/O	DFDS PIPE LINE MODIFICATION WORK AT IMJH.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/273; UAIL/LDC/FY22/WHP/275	11-02-2022 09:22	11-02-2022 17:49	COMPLETED
3090	UAIL/LDC/FY22/GWP/1439	PM23179	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	10-02-2022 16:15	10-02-2022 18:51	COMPLETED
3095	UAIL/LDC/FY22/GWP/1432	WO23256	LINER PLATE REPLACEMENT WORK AT C1A HEAD END DISCHARGE CHUTE AT IHJ .	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/52; UAIL/LDC/FY22/WHP/274	10-02-2022 15:09	10-02-2022 18:50	COMPLETED
3099	UAIL/LDC/FY22/GWP/1427	W/O	DFDS PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/270; UAIL/LDC/FY22/WHP/272	10-02-2022 09:19	10-02-2022 17:13	COMPLETED
3100	UAIL/LDC/FY22/GWP/1425	PM23161	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-02-2022 16:38	09-02-2022 17:42	COMPLETED
3101	UAIL/LDC/FY22/GWP/1424	PM23155	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	09-02-2022 16:31	09-02-2022 17:42	COMPLETED
3102	UAIL/LDC/FY22/GWP/1423	PM23160	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-02-2022 16:24	09-02-2022 17:41	COMPLETED
3103	UAIL/LDC/FY22/GWP/1422	PM23159	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-02-2022 16:13	09-02-2022 17:40	COMPLETED
3106	UAIL/LDC/FY22/GWP/1417	PM23157	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,	N/R	09-02-2022 15:27	09-02-2022 16:37	COMPLETED

3110	UAIL/LDC/FY22/GWP/1411	WO24278	BELT NO 26284 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/269	09-02-2022 14:32	09-02-2022 17:34	COMPLETED
3119	UAIL/LDC/FY22/GWP/1400	W/O	HOUSE KEEPING WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	08-02-2022 15:31	08-02-2022 18:10	COMPLETED
3121	UAIL/LDC/FY22/GWP/1398	PM23142	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	C1A-669-002-HE,	N/R	08-02-2022 15:25	08-02-2022 18:13	COMPLETED
3122	UAIL/LDC/FY22/GWP/1397	PM23141	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	C1A-669-002-HE,	N/R	08-02-2022 15:15	08-02-2022 18:13	COMPLETED
3124	UAIL/LDC/FY22/GWP/1394	WO24276	BELT NO-26284 EDGE REPAIRING WORK AT IJH AREA OF C1A CONVEYOR.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/267	08-02-2022 14:44	08-02-2022 18:10	COMPLETED
3126	UAIL/LDC/FY22/GWP/1390	W/O	DFDC PIPE LINE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/265; UAIL/LDC/FY22/WHP/269	08-02-2022 09:22	08-02-2022 17:20	COMPLETED
3127	UAIL/LDC/FY22/GWP/1389	PM23144	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	07-02-2022 16:51	07-02-2022 17:10	COMPLETED
3128	UAIL/LDC/FY22/GWP/1388	PM23143	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	07-02-2022 16:42	07-02-2022 17:11	COMPLETED
3129	UAIL/LDC/FY22/GWP/1387	PM23140	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	07-02-2022 16:23	07-02-2022 17:17	COMPLETED
3130	UAIL/LDC/FY22/GWP/1386	PM23137	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	07-02-2022 16:06	07-02-2022 17:11	COMPLETED
3131	UAIL/LDC/FY22/GWP/1385	PM23136	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	07-02-2022 15:42	07-02-2022 17:11	COMPLETED
3136	UAIL/LDC/FY22/GWP/1379	WO23241	C1A HEAD END DISCHARGE CHUTE NUT AND BOLT REPLACE WORK AT IJH.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/50; UAIL/LDC/FY22/WHP/268	07-02-2022 14:59	07-02-2022 16:41	COMPLETED
3138	UAIL/LDC/FY22/GWP/1377	W/O	WATER PIPE LINE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/264; UAIL/LDC/FY22/WHP/267	07-02-2022 10:11	07-02-2022 17:02	COMPLETED
3140	UAIL/LDC/FY22/GWP/1375	W/O	CABLE TRAY MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/262	07-02-2022 09:26	07-02-2022 17:05	COMPLETED
3141	UAIL/LDC/FY22/GWP/1374	W/O	TAKE UP TROLLY WHEEL CLEANING AND LUBRICATION WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	06-02-2022 16:07	06-02-2022 17:48	COMPLETED
3146	UAIL/LDC/FY22/GWP/1369	W/O	O DEGRREE BOTTOM PULLEY LAGGING REPLACEMENT WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	UAIL/LDC/FY22/HWP/261; UAIL/LDC/FY22/WHP/266	06-02-2022 14:49	06-02-2022 17:20	COMPLETED
3148	UAIL/LDC/FY22/GWP/1367	W/O	CONTAINER SHEETING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/259; UAIL/LDC/FY22/WHP/265	06-02-2022 09:39	06-02-2022 16:38	COMPLETED
3149	UAIL/LDC/FY22/GWP/1366	PM17557	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	05-02-2022 17:40	05-02-2022 17:52	COMPLETED
3150	UAIL/LDC/FY22/GWP/1365	PM17613	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	05-02-2022 17:27	05-02-2022 17:44	COMPLETED
3151	UAIL/LDC/FY22/GWP/1364	PM17620	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	05-02-2022 17:02	05-02-2022 17:17	COMPLETED
3152	UAIL/LDC/FY22/GWP/1363	PM17619	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	05-02-2022 16:53	05-02-2022 17:14	COMPLETED
3153	UAIL/LDC/FY22/GWP/1362	PM17618	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	05-02-2022 16:37	05-02-2022 17:12	COMPLETED
3154	UAIL/LDC/FY22/GWP/1361	PM17558	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	05-02-2022 16:27	05-02-2022 16:40	COMPLETED
3155	UAIL/LDC/FY22/GWP/1360	PM17573	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	05-02-2022 16:16	05-02-2022 16:37	COMPLETED
3156	UAIL/LDC/FY22/GWP/1359	PM17574	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	05-02-2022 16:04	05-02-2022 16:27	COMPLETED
3157	UAIL/LDC/FY22/GWP/1358	PM17578	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	05-02-2022 15:51	05-02-2022 16:17	COMPLETED
3158	UAIL/LDC/FY22/GWP/1357	PM17579	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	05-02-2022 15:44	05-02-2022 16:05	COMPLETED
3159	UAIL/LDC/FY22/GWP/1356	PM17580	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	05-02-2022 15:30	05-02-2022 15:52	COMPLETED
3160	UAIL/LDC/FY22/GWP/1355	WO23117	LINER PLATE REPLACEMENT AT C1A HEAD END DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/WHP/264	05-02-2022 15:28	05-02-2022 17:46	COMPLETED
3161	UAIL/LDC/FY22/GWP/1354	PM17581	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	05-02-2022 15:21	05-02-2022 15:36	COMPLETED
3162	UAIL/LDC/FY22/GWP/1353	PM17582	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	05-02-2022 15:08	05-02-2022 15:32	COMPLETED
3163	UAIL/LDC/FY22/GWP/1352	WO23116	EDGE PATCHING WORK OF BELT NO-26284 AT IJH AREA OF C1A.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/258	05-02-2022 15:06	05-02-2022 17:45	COMPLETED
3166	UAIL/LDC/FY22/GWP/1349	W/O	WATER PIPE LINE MODIFICATION WORK .	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/255; UAIL/LDC/FY22/WHP/263	05-02-2022 09:37	05-02-2022 17:08	COMPLETED
3185	UAIL/LDC/FY22/GWP/1328	PM17540	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	03-02-2022 17:23	03-02-2022 17:58	COMPLETED
3189	UAIL/LDC/FY22/GWP/1324	PM17535	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	03-02-2022 15:42	03-02-2022 16:14	COMPLETED
3192	UAIL/LDC/FY22/GWP/1321	PM17534	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	03-02-2022 15:23	03-02-2022 16:09	COMPLETED
3195	UAIL/LDC/FY22/GWP/1309	W/O	LIFTING & SHIFTING WORK.	IMJH	N/R	N/R	03-02-2022 09:39	03-02-2022 17:17	COMPLETED
3197	UAIL/LDC/FY22/GWP/1307	W/O	PIPE LINE FIT UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/251; UAIL/LDC/FY22/WHP/262	03-02-2022 09:09	03-02-2022 17:18	COMPLETED
3203	UAIL/LDC/FY22/GWP/1300	W/O	DEFLECTOR PLATE LINER CHANGING WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/49; UAIL/LDC/FY22/WHP/261	02-02-2022 16:04	02-02-2022 17:31	COMPLETED
3208	UAIL/LDC/FY22/GWP/1295	PM17536	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	02-02-2022 15:16	02-02-2022 17:33	COMPLETED
3209	UAIL/LDC/FY22/GWP/1293	PM17537	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	02-02-2022 15:07	02-02-2022 17:34	COMPLETED
3210	UAIL/LDC/FY22/GWP/1290	PM17515	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	02-02-2022 14:43	02-02-2022 17:34	COMPLETED

3213	UAIL/LDC/FY22/GWP/1287	PM17527	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-SM-V-5L-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004-ART,	N/R	01-02-2022 19:15	01-02-2022 20:07	COMPLETED
3214	UAIL/LDC/FY22/GWP/1286	PM17526	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004-AC2,	N/R	01-02-2022 19:03	01-02-2022 20:07	COMPLETED
3215	UAIL/LDC/FY22/GWP/1285	PM17525	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004-AC1,	N/R	01-02-2022 18:56	01-02-2022 20:06	COMPLETED
3220	UAIL/LDC/FY22/GWP/1280	W/O	WATER PIPE LINE MODIFICATION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/246; UAIL/LDC/FY22/WHP/260	01-02-2022 09:48	01-02-2022 17:09	COMPLETED
3221	UAIL/LDC/FY22/GWP/1279	WO17503	ZERO DEGRRE BOTTOM PULLEY LAGGING WORK AT C1A HEAD END AREA.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	UAIL/LDC/FY22/HWP/245; UAIL/LDC/FY22/WHP/259	31-01-2022 23:07	01-02-2022 03:43	COMPLETED
3222	UAIL/LDC/FY22/GWP/1277	WO17501	PULLEY LAGGING WORK OF TAIL PULLEY AT C1B TAIL END AREA.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	UAIL/LDC/FY22/HWP/244	31-01-2022 19:15	31-01-2022 22:01	COMPLETED
3223	UAIL/LDC/FY22/GWP/1275	WO17501	PULLEY LAGGING WORK OF TAIL PULLEY AT C1B TAIL END AREA.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	UAIL/LDC/FY22/HWP/243	31-01-2022 16:39	31-01-2022 18:41	COMPLETED
3224	UAIL/LDC/FY22/GWP/1274	W/O	AREA HOUSEKEEPING.	C1B TAILEND	C1B-669-004-TE,	N/R	31-01-2022 15:11	31-01-2022 15:49	COMPLETED
3225	UAIL/LDC/FY22/GWP/1273	W/O	135 deg. PULLEY PLUMMER BLOCK BEARING PM	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	31-01-2022 14:45	31-01-2022 18:01	COMPLETED
3227	UAIL/LDC/FY22/GWP/1271	WO17501	PULLEY LAGGING WORK OF TAIL PULLEY AT C1B TAIL END AREA.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	UAIL/LDC/FY22/HWP/242	31-01-2022 13:23	31-01-2022 15:56	COMPLETED
3233	UAIL/LDC/FY22/GWP/1261	WO17502	DRIVE PULLEY-1 LHS SIDE PLUMER BLOCK PM WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY22/WHP/255	31-01-2022 09:29	31-01-2022 13:33	COMPLETED
3234	UAIL/LDC/FY22/GWP/1260	WO17501	PULLEY LAGGING WORK OF TAIL PULLEY AT C1B TAIL END AREA.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	UAIL/LDC/FY22/HWP/239	31-01-2022 09:28	31-01-2022 13:03	COMPLETED
3235	UAIL/LDC/FY22/GWP/1257	W/O	TAIL PULLEY AREA HOUSE KEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	31-01-2022 07:52	31-01-2022 12:37	COMPLETED
3236	UAIL/LDC/FY22/GWP/1256	W/O	HOUSEKEEPING WORK INSIDE SAFETY BARRICATE AT C1A HEAD END.	C1A HEADEND	C1A-669-002-HE,	N/R	31-01-2022 07:44	31-01-2022 13:22	COMPLETED
3239	UAIL/LDC/FY22/GWP/1253	WO19084	BELT NO-26284 EDGE PATCHING WORK AT IJH AREA OF C1A CONVEYOR.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/238	30-01-2022 15:02	30-01-2022 17:42	COMPLETED
3240	UAIL/LDC/FY22/GWP/1252	W/O	CONTAINER ROOF SHEETING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/WHP/253	30-01-2022 09:38	30-01-2022 17:24	COMPLETED
3243	UAIL/LDC/FY22/GWP/1249	PM17428	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	29-01-2022 15:28	29-01-2022 17:23	COMPLETED
3246	UAIL/LDC/FY22/GWP/1246	WO19086	LINEAR PLATE INSPECTION AND TIGHTNESS OFC1A DISCHARGE CHUTE .	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/47; UAIL/LDC/FY22/WHP/252	29-01-2022 15:17	29-01-2022 17:23	COMPLETED
3252	UAIL/LDC/FY22/GWP/1240	W/O	CONTAINER SHEED SHEETING WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/WHP/251	29-01-2022 09:10	29-01-2022 16:56	COMPLETED
3253	UAIL/LDC/FY22/GWP/1239	PM17413	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	C1B-669-004-TE,	N/R	28-01-2022 16:47	28-01-2022 17:27	COMPLETED
3259	UAIL/LDC/FY22/GWP/1233	WO17495	BELT NO-26284 EDGE RE[PAIRING WORK AT IJH AREA OF C1A CONVEYOR.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/233	28-01-2022 15:18	28-01-2022 18:02	COMPLETED
3268	UAIL/LDC/FY22/GWP/1221	PM17405	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-004-QUARTERLY	C1B TAILEND	VGT-C1B-669-001,VGT-C1B-669-001-SPQ2	N/R	27-01-2022 16:12	27-01-2022 17:48	COMPLETED
3269	UAIL/LDC/FY22/GWP/1220	PM17406	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-007-QUARTERLY	C1B TAILEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS7	N/R	27-01-2022 15:56	27-01-2022 17:48	COMPLETED
3270	UAIL/LDC/FY22/GWP/1218	PM17407	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-008-QUARTERLY	C1B TAILEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS8	N/R	27-01-2022 15:50	27-01-2022 16:29	COMPLETED
3271	UAIL/LDC/FY22/GWP/1217	W/O	AREA HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	27-01-2022 15:30	27-01-2022 16:26	COMPLETED
3272	UAIL/LDC/FY22/GWP/1216	PM17408	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-009-QUARTERLY	C1B TAILEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS9	N/R	27-01-2022 15:20	27-01-2022 15:57	COMPLETED
3276	UAIL/LDC/FY22/GWP/1211	W/O	SOIL REVOVAL WORK.(LIFTING & SHIFTING)	C1B TAIL END	C1B-669-004-TE,	N/R	27-01-2022 09:30	27-01-2022 17:00	COMPLETED
3291	UAIL/LDC/FY22/GWP/1196	W/O	CABLE TRY MODIFICATION WORK	C1A HEADEND	C1A-669-002-CV2,	UAIL/LDC/FY22/HWP/227	26-01-2022 10:25	26-01-2022 16:58	COMPLETED
3294	UAIL/LDC/FY22/GWP/1192	PM17369	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	25-01-2022 15:42	25-01-2022 17:28	COMPLETED
3296	UAIL/LDC/FY22/GWP/1190	PM17368	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	25-01-2022 15:30	25-01-2022 17:28	COMPLETED
3298	UAIL/LDC/FY22/GWP/1188	PM17389	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/46	25-01-2022 15:18	25-01-2022 17:28	COMPLETED
3304	UAIL/LDC/FY22/GWP/1180	PM17366	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	24-01-2022 15:21	24-01-2022 16:57	COMPLETED
3305	UAIL/LDC/FY22/GWP/1179	PM17363	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	24-01-2022 15:14	24-01-2022 16:57	COMPLETED
3306	UAIL/LDC/FY22/GWP/1178	PM17362	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	24-01-2022 15:07	24-01-2022 16:58	COMPLETED
3310	UAIL/LDC/FY22/GWP/1169	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	23-01-2022 15:19	23-01-2022 19:04	COMPLETED
3314	UAIL/LDC/FY22/GWP/1165	PM14898	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	22-01-2022 17:22	22-01-2022 17:51	COMPLETED
3315	UAIL/LDC/FY22/GWP/1164	PM14899	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	22-01-2022 16:24	22-01-2022 17:13	COMPLETED
3318	UAIL/LDC/FY22/GWP/1161	PM14909	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	22-01-2022 14:46	22-01-2022 16:51	COMPLETED
3322	UAIL/LDC/FY22/GWP/1155	PM14888	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	21-01-2022 16:11	21-01-2022 17:45	COMPLETED
3323	UAIL/LDC/FY22/GWP/1154	PM14887	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	21-01-2022 15:52	21-01-2022 17:40	COMPLETED
3324	UAIL/LDC/FY22/GWP/1153	W/O	PRIMARY DRIVE PULLEY-1 LHS PLUMMER BLOCK PM WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY22/WHP/239	21-01-2022 15:28	21-01-2022 17:28	COMPLETED
3329	UAIL/LDC/FY22/GWP/1146	W/O	VIBRATION MONITORING WORK OF EQUIPMENT AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	21-01-2022 10:40	21-01-2022 12:28	COMPLETED

3330	UAIL/LDC/FY22/GWP/1143	W/O	WATER PIPE LINE FITUP WORK AT PEJH .	C1A HEADEND	C1B-669-001-HE	UAIL/LDC/FY22/HWP/212; UAIL/LDC/FY22/WHP/238	21-01-2022 09:22	21-01-2022 17:10	COMPLETED
3331	UAIL/LDC/FY22/GWP/1142	WO15235	REPLACEMENT OF INPUT SHAFT	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	20-01-2022 15:04	20-01-2022 17:25	COMPLETED
3333	UAIL/LDC/FY22/GWP/1136	PM14840	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	19-01-2022 16:52	19-01-2022 17:59	COMPLETED
3335	UAIL/LDC/FY22/GWP/1134	PM14839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	19-01-2022 16:22	19-01-2022 17:59	COMPLETED
3336	UAIL/LDC/FY22/GWP/1133	PM14838	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	19-01-2022 16:22	19-01-2022 17:59	COMPLETED
3337	UAIL/LDC/FY22/GWP/1132	PM14837	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	19-01-2022 16:10	19-01-2022 16:43	COMPLETED
3338	UAIL/LDC/FY22/GWP/1127	PM14856	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	19-01-2022 15:34	19-01-2022 17:59	COMPLETED
3340	UAIL/LDC/FY22/GWP/1125	PM14836	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	19-01-2022 15:19	19-01-2022 15:59	COMPLETED
3341	UAIL/LDC/FY22/GWP/1124	W/O	MOTHER PLATE OUTER SIDE WELDING WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/HWP/210	19-01-2022 15:20	19-01-2022 17:32	COMPLETED
3342	UAIL/LDC/FY22/GWP/1123	PM14835	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	19-01-2022 15:11	19-01-2022 15:59	COMPLETED
3344	UAIL/LDC/FY22/GWP/1120	PM14834	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	19-01-2022 14:55	19-01-2022 15:59	COMPLETED
3346	UAIL/LDC/FY22/GWP/1116	PM14832	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	18-01-2022 16:34	18-01-2022 17:52	COMPLETED
3347	UAIL/LDC/FY22/GWP/1115	PM14833	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	18-01-2022 16:38	18-01-2022 17:51	COMPLETED
3349	UAIL/LDC/FY22/GWP/1113	PM14821	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	18-01-2022 16:08	18-01-2022 17:53	COMPLETED
3350	UAIL/LDC/FY22/GWP/1112	PM14820	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	18-01-2022 16:09	18-01-2022 17:53	COMPLETED
3351	UAIL/LDC/FY22/GWP/1111	PM14819	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	18-01-2022 16:09	18-01-2022 17:52	COMPLETED
3352	UAIL/LDC/FY22/GWP/1110	PM14818	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	18-01-2022 15:40	18-01-2022 16:29	COMPLETED
3353	UAIL/LDC/FY22/GWP/1109	PM14817	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	18-01-2022 15:34	18-01-2022 16:29	COMPLETED
3355	UAIL/LDC/FY22/GWP/1106	PM14816	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	18-01-2022 15:15	18-01-2022 15:52	COMPLETED
3356	UAIL/LDC/FY22/GWP/1105	PM14815	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	18-01-2022 14:58	18-01-2022 15:52	COMPLETED
3358	UAIL/LDC/FY22/GWP/1103	PM14814	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	18-01-2022 14:36	18-01-2022 15:52	COMPLETED
3359	UAIL/LDC/FY22/GWP/1094	PM14791	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	17-01-2022 17:35	17-01-2022 18:40	COMPLETED
3360	UAIL/LDC/FY22/GWP/1092	PM14790	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	17-01-2022 17:31	17-01-2022 18:41	COMPLETED
3361	UAIL/LDC/FY22/GWP/1091	PM14789	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	17-01-2022 17:25	17-01-2022 18:41	COMPLETED
3362	UAIL/LDC/FY22/GWP/1090	PM14788	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	17-01-2022 17:16	17-01-2022 18:40	COMPLETED
3363	UAIL/LDC/FY22/GWP/1089	PM14787	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	17-01-2022 17:17	17-01-2022 18:40	COMPLETED
3364	UAIL/LDC/FY22/GWP/1087	PM14786	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	17-01-2022 16:45	17-01-2022 17:55	COMPLETED
3365	UAIL/LDC/FY22/GWP/1085	PM14785	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	17-01-2022 16:25	17-01-2022 17:04	COMPLETED
3366	UAIL/LDC/FY22/GWP/1083	PM14784	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	17-01-2022 16:17	17-01-2022 17:03	COMPLETED
3368	UAIL/LDC/FY22/GWP/1080	PM14783	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	17-01-2022 15:56	17-01-2022 16:35	COMPLETED
3369	UAIL/LDC/FY22/GWP/1079	PM14782	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-01-2022 15:46	17-01-2022 16:20	COMPLETED
3371	UAIL/LDC/FY22/GWP/1076	W/O	OUTSITE PLATE WELDING WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/HWP/207	17-01-2022 14:39	17-01-2022 17:36	COMPLETED
3372	UAIL/LDC/FY22/GWP/1071	W/O	NUT & BOLT TIGHTNESS CHECKING.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY22/CSE/45; UAIL/LDC/FY22/WHP/233	16-01-2022 15:01	16-01-2022 17:10	COMPLETED
3374	UAIL/LDC/FY22/GWP/1069	W/O	SAFETY GUARD MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/204	16-01-2022 09:49	16-01-2022 16:29	COMPLETED
3380	UAIL/LDC/FY22/GWP/1062	PM11982	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	15-01-2022 15:48	15-01-2022 17:25	COMPLETED
3384	UAIL/LDC/FY22/GWP/1050	PM11918	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	14-01-2022 16:31	14-01-2022 17:38	COMPLETED
3385	UAIL/LDC/FY22/GWP/1049	PM11974	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	14-01-2022 16:21	14-01-2022 17:38	COMPLETED
3386	UAIL/LDC/FY22/GWP/1048	PM11973	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	14-01-2022 16:06	14-01-2022 17:38	COMPLETED
3389	UAIL/LDC/FY22/GWP/1045	W/O	INSIDE AREA HOUSE KEEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	14-01-2022 15:34	14-01-2022 16:40	COMPLETED
3390	UAIL/LDC/FY22/GWP/1044	WO12013	ROLLER REPLACEMENT AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	N/R	14-01-2022 15:11	14-01-2022 16:11	COMPLETED
3396	UAIL/LDC/FY22/GWP/1030	W/O	MATERIAL LIFTING SHIFTING WORK .	C1A HEADEND	C1A-669-002-HE,	N/R	14-01-2022 09:45	14-01-2022 17:06	COMPLETED
3397	UAIL/LDC/FY22/GWP/1029	W/O	SAFETY GUARD MODIFICATION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY22/HWP/200; UAIL/LDC/FY22/WHP/229	14-01-2022 09:30	14-01-2022 17:07	COMPLETED

3408	UAIL/LDC/FY22/GWP/999	PM11157	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	11-01-2022 18:44	11-01-2022 21:03	COMPLETED
3411	UAIL/LDC/FY22/GWP/996	WO14087	BELT NO. 26284 EDGE REPAIRING WORK OF C1A CONVEYOR BELT	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/195	11-01-2022 17:42	11-01-2022 21:41	COMPLETED
3415	UAIL/LDC/FY22/GWP/988	PM11894	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	10-01-2022 19:54	10-01-2022 20:53	COMPLETED
3416	UAIL/LDC/FY22/GWP/987	PM11895	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	10-01-2022 19:10	10-01-2022 20:04	COMPLETED
3417	UAIL/LDC/FY22/GWP/986	PM11897	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	10-01-2022 19:00	10-01-2022 20:04	COMPLETED
3418	UAIL/LDC/FY22/GWP/985	PM11898	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	10-01-2022 18:48	10-01-2022 20:04	COMPLETED
3419	UAIL/LDC/FY22/GWP/983	WO11994	CIA CONVEYOR BELT PATCHING OF BELT NO-26217.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/193	10-01-2022 18:31	10-01-2022 21:11	COMPLETED
3420	UAIL/LDC/FY22/GWP/982	PM11896	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	10-01-2022 18:23	10-01-2022 19:55	COMPLETED
3423	UAIL/LDC/FY22/GWP/974	PM12220	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	09-01-2022 20:52	09-01-2022 21:37	COMPLETED
3424	UAIL/LDC/FY22/GWP/973	PM12219	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	09-01-2022 20:35	09-01-2022 21:38	COMPLETED
3425	UAIL/LDC/FY22/GWP/972	PM12218	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	09-01-2022 20:18	09-01-2022 21:39	COMPLETED
3426	UAIL/LDC/FY22/GWP/971	PM12217	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	09-01-2022 20:06	09-01-2022 21:40	COMPLETED
3427	UAIL/LDC/FY22/GWP/970	PM12211	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	09-01-2022 19:50	09-01-2022 21:40	COMPLETED
3431	UAIL/LDC/FY22/GWP/966	W/O	SHEET FIT-UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY22/HWP/191; UAIL/LDC/FY22/WHP/223	09-01-2022 09:44	09-01-2022 16:36	COMPLETED
3432	UAIL/LDC/FY22/GWP/965	PM12188	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	08-01-2022 20:15	08-01-2022 21:25	COMPLETED
3436	UAIL/LDC/FY22/GWP/960	PM12179	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	07-01-2022 20:40	07-01-2022 21:18	COMPLETED
3437	UAIL/LDC/FY22/GWP/959	PM12178	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-005-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY4	N/R	07-01-2022 20:26	07-01-2022 21:18	COMPLETED
3445	UAIL/LDC/FY22/GWP/949	PM13086	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	06-01-2022 20:12	06-01-2022 21:10	COMPLETED
3446	UAIL/LDC/FY22/GWP/948	PM13084	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	06-01-2022 19:45	06-01-2022 20:25	COMPLETED
3447	UAIL/LDC/FY22/GWP/947	PM13073	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	06-01-2022 19:13	06-01-2022 20:22	COMPLETED
3449	UAIL/LDC/FY22/GWP/945	W/O	ROLLER REPLACEMENT WORK	C1B TAIL END	C1B-669-004-TE,	N/R	06-01-2022 17:49	06-01-2022 18:43	COMPLETED
3452	UAIL/LDC/FY22/GWP/938	PM11200	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	05-01-2022 18:43	05-01-2022 19:40	COMPLETED
3456	UAIL/LDC/FY22/GWP/934	W/O	ROLLER REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-CV6,	N/R	05-01-2022 17:50	05-01-2022 19:47	COMPLETED
3458	UAIL/LDC/FY22/GWP/930	PM13100	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB3	N/R	04-01-2022 19:47	04-01-2022 20:30	COMPLETED
3459	UAIL/LDC/FY22/GWP/929	PM13101	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-007-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB4	N/R	04-01-2022 19:42	04-01-2022 20:29	COMPLETED
3460	UAIL/LDC/FY22/GWP/928	PM11201	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	04-01-2022 19:36	04-01-2022 20:29	COMPLETED
3468	UAIL/LDC/FY22/GWP/919	PM11183	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	03-01-2022 20:47	03-01-2022 21:21	COMPLETED
3469	UAIL/LDC/FY22/GWP/918	PM11182	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	03-01-2022 20:39	03-01-2022 21:21	COMPLETED
3470	UAIL/LDC/FY22/GWP/917	PM11181	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	03-01-2022 20:32	03-01-2022 21:21	COMPLETED
3471	UAIL/LDC/FY22/GWP/916	PM11180	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	03-01-2022 20:23	03-01-2022 21:19	COMPLETED
3472	UAIL/LDC/FY22/GWP/915	PM11179	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	03-01-2022 20:09	03-01-2022 21:01	COMPLETED
3473	UAIL/LDC/FY22/GWP/914	PM11178	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	03-01-2022 19:04	03-01-2022 20:14	COMPLETED
3474	UAIL/LDC/FY22/GWP/913	PM11177	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	03-01-2022 18:55	03-01-2022 20:14	COMPLETED
3475	UAIL/LDC/FY22/GWP/912	PM11176	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	03-01-2022 18:47	03-01-2022 20:06	COMPLETED
3476	UAIL/LDC/FY22/GWP/911	PM11169	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	03-01-2022 18:35	03-01-2022 20:05	COMPLETED
3479	UAIL/LDC/FY22/GWP/907	W/O	EQUIPMENT CLEANING AND LUBRICATION WORK.	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	02-01-2022 20:47	02-01-2022 21:44	COMPLETED
3480	UAIL/LDC/FY22/GWP/906	W/O	EQUIPMENT CLEANING AND LUBRICATION WORK.	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	02-01-2022 20:32	02-01-2022 21:44	COMPLETED
3481	UAIL/LDC/FY22/GWP/905	W/O	EQUIPMENT CLEANING AND LUBRICATION WORK.	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	02-01-2022 20:19	02-01-2022 21:14	COMPLETED
3489	UAIL/LDC/FY22/GWP/897	W/O	CONVEYOR BELT EDGE REPAIRING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/186	02-01-2022 17:41	02-01-2022 21:43	COMPLETED
3491	UAIL/LDC/FY22/GWP/894	W/O	HIGH SPPED COUPLING-2 CLEANING & LUBRICATION WORK.	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	01-01-2022 18:18	01-01-2022 20:03	COMPLETED
3492	UAIL/LDC/FY22/GWP/893	W/O	ROLLER REPLACEMENT WORK AT C1B TAIL END	C1B TAIL END	C1B-669-004-TE,	N/R	01-01-2022 17:55	01-01-2022 18:51	COMPLETED
3493	UAIL/LDC/FY22/GWP/892	W/O	HIGH SPEED COUPLING-1 CLEANING & LUBRICATION WORK.	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	01-01-2022 18:08	01-01-2022 20:04	COMPLETED

3494	UAIL/LDC/FY22/GWP/891	W/O	BELT NO. 26284 EDGE REPAIRING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY22/HWP/184	01-01-2022 17:41	01-01-2022 21:09	COMPLETED

PM COMPLIANCE REPORT FOR THE YEAR OF -2023

SL NO.	WORK PERMIT NO.	WORK ORDER NO.	DESCRIPTION OF WORK	EXACT LOCATION	EQUIPMENT NO.	SPECIAL PERMI NO.	PA START WORK	PA CLOSE WORK	REMARKS
1	UAIL/LDC/FY24/GWP/4189	WO898049	RUBBER IMPACT ROLLER REPLACEMENT AT C1B TAILEND	C1B TAILEND	C1B-669-004-TE,	N/R	30-12-2023 16:30	30-12-2023 17:33	COMPLETED
5	UAIL/LDC/FY24/GWP/4185	PM875877	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	30-12-2023 15:34	30-12-2023 17:32	COMPLETED
6	UAIL/LDC/FY24/GWP/4184	PM875876	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	30-12-2023 15:34	30-12-2023 17:32	COMPLETED
7	UAIL/LDC/FY24/GWP/4183	PM875875	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	30-12-2023 15:35	30-12-2023 17:33	COMPLETED
8	UAIL/LDC/FY24/GWP/4182	PM875871	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	30-12-2023 15:35	30-12-2023 17:33	COMPLETED
9	UAIL/LDC/FY24/GWP/4181	PM875870	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	30-12-2023 15:35	30-12-2023 17:33	COMPLETED
10	UAIL/LDC/FY24/GWP/4180	PM875869	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	30-12-2023 15:35	30-12-2023 17:34	COMPLETED
11	UAIL/LDC/FY24/GWP/4179	PM875868	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	30-12-2023 15:35	30-12-2023 17:34	COMPLETED
12	UAIL/LDC/FY24/GWP/4178	PM875896	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	30-12-2023 15:35	30-12-2023 17:35	COMPLETED
13	UAIL/LDC/FY24/GWP/4177	PM875895	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	30-12-2023 15:35	30-12-2023 17:35	COMPLETED
14	UAIL/LDC/FY24/GWP/4176	WO897984	INSIDE BARRICADE AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	30-12-2023 14:57	30-12-2023 17:35	COMPLETED
16	UAIL/LDC/FY24/GWP/4174	WO897980	LINER PLATE REPLACEMENT WORK OF C1A DISCHARGE CHUTE	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/83; UAIL/LDC/FY24/WHP/628	30-12-2023 14:47	30-12-2023 17:36	COMPLETED
18	UAIL/LDC/FY24/GWP/4172	WO890747	PLATFORM WELDING WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/698; UAIL/LDC/FY24/WHP/627	30-12-2023 10:36	30-12-2023 17:52	COMPLETED
19	UAIL/LDC/FY24/GWP/4171	WO889356	WATER PIPE LINE MODIFICATION WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/697; UAIL/LDC/FY24/WHP/626	30-12-2023 10:07	30-12-2023 17:52	COMPLETED
23	UAIL/LDC/FY24/GWP/4163	PM875835	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	28-12-2023 16:10	28-12-2023 17:38	COMPLETED
24	UAIL/LDC/FY24/GWP/4162	PM875834	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	28-12-2023 16:10	28-12-2023 17:38	COMPLETED
25	UAIL/LDC/FY24/GWP/4160	PM875832	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1B TAIL END	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	28-12-2023 16:10	28-12-2023 17:38	COMPLETED
26	UAIL/LDC/FY24/GWP/4159	PM875831	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1B TAIL END	ABS-C1A-669-002-AC,	N/R	28-12-2023 16:10	28-12-2023 17:38	COMPLETED
27	UAIL/LDC/FY24/GWP/4157	PM875827	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1B TAIL END	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	28-12-2023 16:11	28-12-2023 17:38	COMPLETED
29	UAIL/LDC/FY24/GWP/4155	PM875826	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	28-12-2023 16:11	28-12-2023 17:38	COMPLETED
30	UAIL/LDC/FY24/GWP/4154	PM875862	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	28-12-2023 16:11	28-12-2023 17:38	COMPLETED
31	UAIL/LDC/FY24/GWP/4153	PM875861	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	28-12-2023 16:11	28-12-2023 17:39	COMPLETED
32	UAIL/LDC/FY24/GWP/4151	PM875860	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1B TAIL END	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	28-12-2023 16:11	28-12-2023 17:39	COMPLETED
33	UAIL/LDC/FY24/GWP/4149	PM875859	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	28-12-2023 16:11	28-12-2023 17:39	COMPLETED
34	UAIL/LDC/FY24/GWP/4148	PM875857	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	28-12-2023 16:11	28-12-2023 17:39	COMPLETED
35	UAIL/LDC/FY24/GWP/4146	PM875853	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	28-12-2023 16:11	28-12-2023 17:39	COMPLETED
36	UAIL/LDC/FY24/GWP/4145	PM875851	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	28-12-2023 16:11	28-12-2023 17:39	COMPLETED
37	UAIL/LDC/FY24/GWP/4144	WO894223	AREA HOUSEKEEPING AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	28-12-2023 15:18	28-12-2023 17:39	COMPLETED
41	UAIL/LDC/FY24/GWP/4138	WO890747	PLARFORM WELDING WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/693; UAIL/LDC/FY24/WHP/622	28-12-2023 10:46	28-12-2023 17:11	COMPLETED
42	UAIL/LDC/FY24/GWP/4137	WO889356	WATER PIPE LINE MODIFICATION WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/692; UAIL/LDC/FY24/WHP/621	28-12-2023 10:27	28-12-2023 17:12	COMPLETED
43	UAIL/LDC/FY24/GWP/4134	WO890747	PLARFORM WELDING WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/691; UAIL/LDC/FY24/WHP/620	27-12-2023 11:20	27-12-2023 17:00	COMPLETED
44	UAIL/LDC/FY24/GWP/4133	WO889356	WATER PIPE LINE MODIFICATION WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/690; UAIL/LDC/FY24/WHP/619	27-12-2023 09:47	27-12-2023 17:00	COMPLETED
45	UAIL/LDC/FY24/GWP/4131	PM875774	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/82; UAIL/LDC/FY24/WHP/618	26-12-2023 16:41	26-12-2023 18:01	COMPLETED
47	UAIL/LDC/FY24/GWP/4129	WO889410	AREA HOUSE KEEPING WORK .	C1A HEADEND	C1A-669-002-HE,	N/R	26-12-2023 15:16	26-12-2023 17:34	COMPLETED
49	UAIL/LDC/FY24/GWP/4124	WO889356	WATER PIPE LINE MODIFICATION WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/689	26-12-2023 10:49	26-12-2023 20:12	COMPLETED
50	UAIL/LDC/FY24/GWP/4122	WO883776	STAIRCASE FITTUP WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/688; UAIL/LDC/FY24/WHP/615	26-12-2023 09:35	26-12-2023 20:13	COMPLETED
52	UAIL/LDC/FY24/GWP/4120	WO883776	STAIRCASE FITTUP WORK	IMJH	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/687; UAIL/LDC/FY24/WHP/613	25-12-2023 08:07	25-12-2023 14:08	COMPLETED
53	UAIL/LDC/FY24/GWP/4119	WO883776	STAIRCASE FITTUP WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/686; UAIL/LDC/FY24/WHP/612	24-12-2023 09:05	24-12-2023 18:56	COMPLETED
54	UAIL/LDC/FY24/GWP/4118	PM875768	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	23-12-2023 16:31	23-12-2023 18:26	COMPLETED

55	UAIL/LDC/FY24/GWP/4117	PM875759	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-HALF YEARLY	C1A HEADEND	C1A-669-002-HE,	N/R	23-12-2023 16:32	23-12-2023 18:26	COMPLETED
59	UAIL/LDC/FY24/GWP/4109	WO886929	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA.	C1A HEADEND	C1A-669-002-HE	N/R	23-12-2023 15:04	23-12-2023 18:27	COMPLETED
61	UAIL/LDC/FY24/GWP/4107	WO886926	C1A BELT EDGE REPARING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/685	23-12-2023 14:41	23-12-2023 18:27	COMPLETED
62	UAIL/LDC/FY24/GWP/4106	PM875757	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-004-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP1,	N/R	23-12-2023 11:34	23-12-2023 13:14	COMPLETED
63	UAIL/LDC/FY24/GWP/4105	PM875756	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-003-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP4,	N/R	23-12-2023 11:35	23-12-2023 13:15	COMPLETED
64	UAIL/LDC/FY24/GWP/4104	PM875755	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-002-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP3,	N/R	23-12-2023 11:35	23-12-2023 13:15	COMPLETED
65	UAIL/LDC/FY24/GWP/4103	PM875754	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-001-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP2,	N/R	23-12-2023 11:36	23-12-2023 13:15	COMPLETED
68	UAIL/LDC/FY24/GWP/4099	PM875748	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	22-12-2023 16:46	22-12-2023 17:54	COMPLETED
69	UAIL/LDC/FY24/GWP/4098	PM875747	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	22-12-2023 16:13	22-12-2023 16:39	COMPLETED
70	UAIL/LDC/FY24/GWP/4097	PM875744	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-002-MONTHLY	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	22-12-2023 16:09	22-12-2023 16:39	COMPLETED
72	UAIL/LDC/FY24/GWP/4088	WO886698	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	22-12-2023 15:04	22-12-2023 20:10	COMPLETED
73	UAIL/LDC/FY24/GWP/4087	WO886692	DEFLECTOR LINER PLATE REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/81; UAIL/LDC/FY24/WHP/608	22-12-2023 15:05	22-12-2023 17:56	COMPLETED
74	UAIL/LDC/FY24/GWP/4086	WO886690	ROLLER REPLACEMENT WORK AT C1B CONVEYOR.	C1B TAILEND	C1B-669-004-TE,	N/R	22-12-2023 14:35	22-12-2023 17:57	COMPLETED
75	UAIL/LDC/FY24/GWP/4085	WO884599	CHEQURE PLATE REPLACEMENT WORK AT CV-5 AREA .	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/682; UAIL/LDC/FY24/WHP/607	22-12-2023 10:16	22-12-2023 17:46	COMPLETED
76	UAIL/LDC/FY24/GWP/4084	WO883776	STAIRCASE FITTUP WORK	C1A HEADEND	C1B-669-004-HE	UAIL/LDC/FY24/HWP/681; UAIL/LDC/FY24/WHP/606	22-12-2023 09:54	22-12-2023 17:49	COMPLETED
79	UAIL/LDC/FY24/GWP/4078	PM875726	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	20-12-2023 19:21	20-12-2023 20:23	COMPLETED
80	UAIL/LDC/FY24/GWP/4077	PM875733	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-HALF YEARLY	C1A HEADEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	20-12-2023 17:17	20-12-2023 18:15	COMPLETED
81	UAIL/LDC/FY24/GWP/4076	PM875740	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-TMP2	N/R	20-12-2023 17:17	20-12-2023 18:15	COMPLETED
82	UAIL/LDC/FY24/GWP/4075	PM875741	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-003-WEEKLY	C1A TAIL END	CHT-C1A-669-003,	N/R	20-12-2023 16:05	20-12-2023 17:21	COMPLETED
83	UAIL/LDC/FY24/GWP/4070	WO885491	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	20-12-2023 15:11	20-12-2023 18:15	COMPLETED
85	UAIL/LDC/FY24/GWP/4068	WO885488	DEFLECTOR LINER PLATE REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/80; UAIL/LDC/FY24/WHP/603	20-12-2023 14:56	20-12-2023 20:43	COMPLETED
88	UAIL/LDC/FY24/GWP/4053	WO884659	C1B DRIVE FLOOR GATE CLIT WELDING WORK	C1A HEADEND	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/676; UAIL/LDC/FY24/WHP/600	19-12-2023 11:41	19-12-2023 17:16	COMPLETED
90	UAIL/LDC/FY24/GWP/4039	PM875706	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-HALF YEARLY	C1A HEADEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	UAIL/LDC/FY24/CSE/79	18-12-2023 14:56	18-12-2023 17:15	COMPLETED
91	UAIL/LDC/FY24/GWP/4038	PM875710	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/WHP/597	18-12-2023 15:07	18-12-2023 17:15	COMPLETED
92	UAIL/LDC/FY24/GWP/4037	WO884010	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	18-12-2023 15:07	18-12-2023 18:07	COMPLETED
93	UAIL/LDC/FY24/GWP/4035	WO884014	ROLLER REPLACEMENT WORK OF C1A CONVEYOR	C1A TAIL END	C1A-669-003-TE,	N/R	18-12-2023 14:21	18-12-2023 16:58	COMPLETED
94	UAIL/LDC/FY24/GWP/4034	WO884011	CONVEYOUR EDGE REPAIR	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/674	18-12-2023 14:14	18-12-2023 18:07	COMPLETED
97	UAIL/LDC/FY24/GWP/4024	WO883048	STAIRCASE HANDRAILING FITUP WORK .	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/670; UAIL/LDC/FY24/WHP/594	16-12-2023 10:30	16-12-2023 17:17	COMPLETED
99	UAIL/LDC/FY24/GWP/4021	PM875534	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	15-12-2023 17:11	15-12-2023 17:46	COMPLETED
100	UAIL/LDC/FY24/GWP/4018	PM875681	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BP-PS-S24-PD-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	15-12-2023 15:12	15-12-2023 16:24	COMPLETED
101	UAIL/LDC/FY24/GWP/4017	PM875669	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	15-12-2023 15:00	15-12-2023 16:24	COMPLETED
102	UAIL/LDC/FY24/GWP/4016	PM875665	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	15-12-2023 15:00	15-12-2023 16:24	COMPLETED
104	UAIL/LDC/FY24/GWP/4014	WO883411	C1A HE AREA HOUSESKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	15-12-2023 14:45	15-12-2023 16:23	COMPLETED
106	UAIL/LDC/FY24/GWP/4009	PM875657	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	14-12-2023 16:43	14-12-2023 17:05	COMPLETED
107	UAIL/LDC/FY24/GWP/4008	PM875670	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	14-12-2023 16:35	14-12-2023 17:05	COMPLETED
108	UAIL/LDC/FY24/GWP/4007	PM875668	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	14-12-2023 16:31	14-12-2023 17:05	COMPLETED
109	UAIL/LDC/FY24/GWP/4006	PM875667	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	14-12-2023 16:00	14-12-2023 17:06	COMPLETED
110	UAIL/LDC/FY24/GWP/4005	PM875666	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	14-12-2023 15:51	14-12-2023 17:06	COMPLETED
113	UAIL/LDC/FY24/GWP/3997	WO881059	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	14-12-2023 15:06	14-12-2023 17:10	COMPLETED
114	UAIL/LDC/FY24/GWP/3996	WO882247	REPLACEMENT OF SKIRT GUARD RUBBER	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	14-12-2023 14:56	14-12-2023 17:10	COMPLETED
115	UAIL/LDC/FY24/GWP/3994	PM875655	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-001-HALF YEARLY	C1A TAIL END	GBOCS2-C1A-669-003,	N/R	14-12-2023 14:42	14-12-2023 16:32	COMPLETED

116	UAIL/LDC/FY24/GWP/3993	WO881055	BELT EDGE REPAIRING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/666	14-12-2023 14:44	14-12-2023 18:15	COMPLETED
119	UAIL/LDC/FY24/GWP/3988	W/O	staircase Modification work	C1A	N/R	UAIL/LDC/FY24/HWP/664	14-12-2023 10:32	14-12-2023 17:48	COMPLETED
125	UAIL/LDC/FY24/GWP/3982	PM875542	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	13-12-2023 15:32	13-12-2023 17:37	COMPLETED
127	UAIL/LDC/FY24/GWP/3980	PM875553	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	13-12-2023 15:32	13-12-2023 17:38	COMPLETED
128	UAIL/LDC/FY24/GWP/3979	PM875632	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	13-12-2023 15:32	13-12-2023 17:38	COMPLETED
129	UAIL/LDC/FY24/GWP/3978	PM875628	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	13-12-2023 15:32	13-12-2023 17:39	COMPLETED
130	UAIL/LDC/FY24/GWP/3977	PM875627	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	13-12-2023 15:32	13-12-2023 17:39	COMPLETED
131	UAIL/LDC/FY24/GWP/3976	PM875626	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	13-12-2023 15:32	13-12-2023 17:39	COMPLETED
132	UAIL/LDC/FY24/GWP/3975	PM875623	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	13-12-2023 15:32	13-12-2023 17:40	COMPLETED
133	UAIL/LDC/FY24/GWP/3974	PM875651	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	13-12-2023 15:33	13-12-2023 17:40	COMPLETED
134	UAIL/LDC/FY24/GWP/3973	PM875650	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	13-12-2023 15:33	13-12-2023 17:41	COMPLETED
135	UAIL/LDC/FY24/GWP/3972	PM875649	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	13-12-2023 15:33	13-12-2023 17:41	COMPLETED
136	UAIL/LDC/FY24/GWP/3971	PM875648	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	13-12-2023 15:33	13-12-2023 17:41	COMPLETED
137	UAIL/LDC/FY24/GWP/3970	PM875646	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	13-12-2023 15:33	13-12-2023 17:42	COMPLETED
138	UAIL/LDC/FY24/GWP/3969	PM875644	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	13-12-2023 15:33	13-12-2023 17:42	COMPLETED
139	UAIL/LDC/FY24/GWP/3968	PM875642	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	13-12-2023 15:33	13-12-2023 17:43	COMPLETED
141	UAIL/LDC/FY24/GWP/3966	W/O	area housekeeping	C1A HEADEND	C1A-669-002-HE,	N/R	13-12-2023 14:45	13-12-2023 17:43	COMPLETED
142	UAIL/LDC/FY24/GWP/3965	WO881512	REPLACEMENT OF ROLLER	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/591	13-12-2023 14:45	13-12-2023 17:43	COMPLETED
146	UAIL/LDC/FY24/GWP/3961	WO879759	BELT EDGE REPAIR WORK AT C1A	C1A HEADEND	BC-C1A-669-002,	N/R	13-12-2023 13:58	13-12-2023 17:36	COMPLETED
149	UAIL/LDC/FY24/GWP/3956	W/O	Staircase Modification Work	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/662	13-12-2023 09:09	13-12-2023 17:29	COMPLETED
152	UAIL/LDC/FY24/GWP/3946	W/O	Handling fabrication and Fit-up work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/660; UAIL/LDC/FY24/WHP/588	12-12-2023 10:45	12-12-2023 17:37	COMPLETED
153	UAIL/LDC/FY24/GWP/3943	W/O	Chequer plate replacement work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/659	12-12-2023 09:55	12-12-2023 17:38	COMPLETED
156	UAIL/LDC/FY24/GWP/3939	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	11-12-2023 15:33	11-12-2023 17:29	COMPLETED
157	UAIL/LDC/FY24/GWP/3936	PM875609	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	11-12-2023 15:15	11-12-2023 15:31	COMPLETED
158	UAIL/LDC/FY24/GWP/3935	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-12-2023 15:15	11-12-2023 17:29	COMPLETED
160	UAIL/LDC/FY24/GWP/3933	W/O	CHEQUERED PLATE REPLACEMENT WORK	C1B TAIL END	N/R	UAIL/LDC/FY24/HWP/658	11-12-2023 14:55	11-12-2023 15:23	COMPLETED
165	UAIL/LDC/FY24/GWP/3922	PM875584	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	09-12-2023 15:46	09-12-2023 17:18	COMPLETED
167	UAIL/LDC/FY24/GWP/3919	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	09-12-2023 15:08	09-12-2023 18:04	COMPLETED
169	UAIL/LDC/FY24/GWP/3916	W/O	Handrailing Fit-up Work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/651	09-12-2023 11:02	09-12-2023 17:29	COMPLETED
176	UAIL/LDC/FY24/GWP/3906	PM875534	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	08-12-2023 16:16	08-12-2023 18:02	COMPLETED
177	UAIL/LDC/FY24/GWP/3905	W/O	MATERIAL LIFTING AND SHIFTING	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/583	08-12-2023 16:08	08-12-2023 18:02	COMPLETED
178	UAIL/LDC/FY24/GWP/3904	WO879289	LINER PLATE REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/77; UAIL/LDC/FY24/WHP/582	08-12-2023 15:47	08-12-2023 18:03	COMPLETED
185	UAIL/LDC/FY24/GWP/3896	W/O	Earth flat modification work	C1 B tail end	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/646	08-12-2023 14:51	08-12-2023 17:38	COMPLETED
187	UAIL/LDC/FY24/GWP/3891	W/O	safety guard fabrication and fittup work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/644	08-12-2023 10:33	08-12-2023 17:39	COMPLETED
188	UAIL/LDC/FY24/GWP/3883	W/O	Bio tolet fabrication and Fit-up work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/643; UAIL/LDC/FY24/WHP/578	07-12-2023 10:48	07-12-2023 17:20	COMPLETED
189	UAIL/LDC/FY24/GWP/3881	W/O	Staircase fabrication and Fit-up Work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/642; UAIL/LDC/FY24/WHP/577	07-12-2023 10:00	07-12-2023 17:21	COMPLETED
209	UAIL/LDC/FY24/GWP/3844	PM875488	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	05-12-2023 16:09	05-12-2023 16:33	COMPLETED
210	UAIL/LDC/FY24/GWP/3843	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	05-12-2023 15:13	05-12-2023 17:10	COMPLETED
214	UAIL/LDC/FY24/GWP/3837	PM875504	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/76; UAIL/LDC/FY24/WHP/573	05-12-2023 14:49	05-12-2023 17:12	COMPLETED
216	UAIL/LDC/FY24/GWP/3835	W/O	Earth flat and jb box fittup work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/637	05-12-2023 10:16	05-12-2023 16:14	COMPLETED
218	UAIL/LDC/FY24/GWP/3833	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	04-12-2023 15:30	04-12-2023 17:33	COMPLETED

221	UAIL/LDC/FY24/GWP/3829	W/O	Area Housekeeping	C1A HEADEND	C1B-669-001-HE,	N/R	04-12-2023 15:04	04-12-2023 17:55	COMPLETED
236	UAIL/LDC/FY24/GWP/3802	W/O	C1A BELT 26284 EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/627	02-12-2023 14:02	02-12-2023 17:44	COMPLETED
239	UAIL/LDC/FY24/GWP/3797	W/O	Staircase Fabrication Work.	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/623; UAIL/LDC/FY24/WHP/565	02-12-2023 09:28	02-12-2023 17:26	COMPLETED
242	UAIL/LDC/FY24/GWP/3792	W/O	Man backet welding work	C1B TAIL end	N/R	UAIL/LDC/FY24/HWP/621	01-12-2023 10:55	01-12-2023 17:37	COMPLETED
245	UAIL/LDC/FY24/GWP/3785	PM817069	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-YEARLY	C1B TAIL END	HDB-C1B-669-004-HPU,	N/R	29-11-2023 16:56	29-11-2023 17:35	COMPLETED
246	UAIL/LDC/FY24/GWP/3784	PM817071	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	29-11-2023 16:28	29-11-2023 17:35	COMPLETED
247	UAIL/LDC/FY24/GWP/3783	PM817082	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	29-11-2023 16:22	29-11-2023 17:27	COMPLETED
248	UAIL/LDC/FY24/GWP/3782	PM817081	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	29-11-2023 16:22	29-11-2023 17:27	COMPLETED
249	UAIL/LDC/FY24/GWP/3781	PM817080	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	29-11-2023 16:22	29-11-2023 17:27	COMPLETED
250	UAIL/LDC/FY24/GWP/3780	PM817078	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	29-11-2023 16:22	29-11-2023 17:26	COMPLETED
251	UAIL/LDC/FY24/GWP/3779	PM817075	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	29-11-2023 16:22	29-11-2023 17:26	COMPLETED
253	UAIL/LDC/FY24/GWP/3777	PM817074	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	29-11-2023 16:22	29-11-2023 17:26	COMPLETED
255	UAIL/LDC/FY24/GWP/3774	PM817073	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	29-11-2023 15:22	29-11-2023 16:01	COMPLETED
256	UAIL/LDC/FY24/GWP/3772	W/O	AREA HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	29-11-2023 14:55	29-11-2023 17:22	COMPLETED
257	UAIL/LDC/FY24/GWP/3771	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	29-11-2023 14:46	29-11-2023 17:04	COMPLETED
261	UAIL/LDC/FY24/GWP/3764	W/O	Man Basket Welding Work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/617	29-11-2023 10:19	29-11-2023 17:45	COMPLETED
263	UAIL/LDC/FY24/GWP/3758	PM817063	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	28-11-2023 16:00	28-11-2023 16:29	COMPLETED
264	UAIL/LDC/FY24/GWP/3757	PM817062	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	28-11-2023 15:51	28-11-2023 16:29	COMPLETED
265	UAIL/LDC/FY24/GWP/3756	PM817059	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	28-11-2023 15:43	28-11-2023 16:29	COMPLETED
266	UAIL/LDC/FY24/GWP/3755	PM817057	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	28-11-2023 15:33	28-11-2023 16:29	COMPLETED
269	UAIL/LDC/FY24/GWP/3751	W/O	Staircase wedding work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/614; UAIL/LDC/FY24/WHP/554	28-11-2023 11:54	28-11-2023 16:02	COMPLETED
270	UAIL/LDC/FY24/GWP/3750	W/O	Liner plate cutting work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/613	28-11-2023 11:55	28-11-2023 16:02	COMPLETED
272	UAIL/LDC/FY24/GWP/3747	PM817023	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	27-11-2023 16:20	27-11-2023 17:17	COMPLETED
273	UAIL/LDC/FY24/GWP/3746	PM816018	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	27-11-2023 16:20	27-11-2023 17:17	COMPLETED
274	UAIL/LDC/FY24/GWP/3745	PM816007	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	27-11-2023 16:21	27-11-2023 17:18	COMPLETED
275	UAIL/LDC/FY24/GWP/3744	PM817043	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	27-11-2023 16:21	27-11-2023 17:18	COMPLETED
276	UAIL/LDC/FY24/GWP/3743	PM817039	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	27-11-2023 16:21	27-11-2023 17:18	COMPLETED
280	UAIL/LDC/FY24/GWP/3733	PM817037	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	27-11-2023 15:03	27-11-2023 17:55	COMPLETED
281	UAIL/LDC/FY24/GWP/3731	PM817036	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	27-11-2023 15:04	27-11-2023 17:55	COMPLETED
282	UAIL/LDC/FY24/GWP/3730	PM817032	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	27-11-2023 15:04	27-11-2023 17:55	COMPLETED
283	UAIL/LDC/FY24/GWP/3729	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	27-11-2023 15:04	27-11-2023 17:55	COMPLETED
285	UAIL/LDC/FY24/GWP/3727	WO854290	EDGE REPAIRING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/611	27-11-2023 13:42	27-11-2023 17:56	COMPLETED
286	UAIL/LDC/FY24/GWP/3725	W/O	STAIR CASE WELDING WORK .	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/610; UAIL/LDC/FY24/WHP/552	27-11-2023 10:26	27-11-2023 17:13	COMPLETED
289	UAIL/LDC/FY24/GWP/3718	PM815992	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	25-11-2023 15:58	25-11-2023 17:30	COMPLETED
290	UAIL/LDC/FY24/GWP/3717	PM815994	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	25-11-2023 15:58	25-11-2023 17:30	COMPLETED
291	UAIL/LDC/FY24/GWP/3716	PM815995	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	25-11-2023 15:58	25-11-2023 17:30	COMPLETED
292	UAIL/LDC/FY24/GWP/3715	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	25-11-2023 15:29	25-11-2023 17:30	COMPLETED
296	UAIL/LDC/FY24/GWP/3708	W/O	NEW DFDS SYSTEM INSTALLATION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/604	25-11-2023 15:06	25-11-2023 17:26	COMPLETED
299	UAIL/LDC/FY24/GWP/3702	W/O	Liner Plate Cutting Work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/603	25-11-2023 10:23	25-11-2023 17:25	COMPLETED
300	UAIL/LDC/FY24/GWP/3700	W/O	Water Pipe Line Fit-up Work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/602; UAIL/LDC/FY24/WHP/545	25-11-2023 09:55	25-11-2023 17:25	COMPLETED
302	UAIL/LDC/FY24/GWP/3698	W/O	Chequered Plate Welding Work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/600	25-11-2023 09:34	25-11-2023 17:25	COMPLETED

304	UAIL/LDC/FY24/GWP/3695	WO835523	Capstan brake maintenance work.	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	24-11-2023 16:39	24-11-2023 17:18	COMPLETED
305	UAIL/LDC/FY24/GWP/3694	PM817109	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM/IJH/MH/CHT/C1A002/CHU01-MONTHLY	C1A HEADEND	CHT-C1A-669-002,	N/R	24-11-2023 16:40	24-11-2023 17:18	COMPLETED
308	UAIL/LDC/FY24/GWP/3685	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	24-11-2023 15:38	24-11-2023 17:44	COMPLETED
316	UAIL/LDC/FY24/GWP/3664	PM815967	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-SM-V-5L-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-ART,	N/R	23-11-2023 11:23	23-11-2023 12:08	COMPLETED
317	UAIL/LDC/FY24/GWP/3663	PM815966	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-AC2,	N/R	23-11-2023 11:23	23-11-2023 12:08	COMPLETED
318	UAIL/LDC/FY24/GWP/3662	PM815965	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-AC1,	N/R	23-11-2023 11:23	23-11-2023 12:09	COMPLETED
322	UAIL/LDC/FY24/GWP/3653	PM815957	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	22-11-2023 11:38	22-11-2023 12:24	COMPLETED
323	UAIL/LDC/FY24/GWP/3652	PM815906	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	22-11-2023 11:33	22-11-2023 11:46	COMPLETED
324	UAIL/LDC/FY24/GWP/3651	PM815905	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	22-11-2023 11:27	22-11-2023 11:46	COMPLETED
325	UAIL/LDC/FY24/GWP/3650	PM815813	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	22-11-2023 11:18	22-11-2023 11:52	COMPLETED
326	UAIL/LDC/FY24/GWP/3649	PM815904	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	22-11-2023 11:21	22-11-2023 11:45	COMPLETED
327	UAIL/LDC/FY24/GWP/3648	PM815812	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	22-11-2023 11:16	22-11-2023 11:50	COMPLETED
329	UAIL/LDC/FY24/GWP/3645	PM815903	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	22-11-2023 11:08	22-11-2023 11:45	COMPLETED
330	UAIL/LDC/FY24/GWP/3644	PM815809	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	22-11-2023 10:59	22-11-2023 11:33	COMPLETED
332	UAIL/LDC/FY24/GWP/3642	PM815895	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	22-11-2023 10:51	22-11-2023 11:38	COMPLETED
333	UAIL/LDC/FY24/GWP/3641	PM815808	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	22-11-2023 10:47	22-11-2023 11:34	COMPLETED
335	UAIL/LDC/FY24/GWP/3637	PM815807	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	22-11-2023 10:30	22-11-2023 11:34	COMPLETED
337	UAIL/LDC/FY24/GWP/3635	W/O	Liner Plate Cutting Work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/593	22-11-2023 10:24	22-11-2023 17:19	COMPLETED
338	UAIL/LDC/FY24/GWP/3632	W/O	Chequered Plate Welding Work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/592	22-11-2023 10:03	22-11-2023 17:19	COMPLETED
339	UAIL/LDC/FY24/GWP/3631	PM815811	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	22-11-2023 09:48	22-11-2023 11:01	COMPLETED
341	UAIL/LDC/FY24/GWP/3628	PM815823	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	22-11-2023 10:35	22-11-2023 11:21	COMPLETED
342	UAIL/LDC/FY24/GWP/3627	PM815810	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	22-11-2023 09:41	22-11-2023 11:00	COMPLETED
343	UAIL/LDC/FY24/GWP/3625	PM815819	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	22-11-2023 09:32	22-11-2023 11:50	COMPLETED
344	UAIL/LDC/FY24/GWP/3624	PM815822	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	22-11-2023 09:32	22-11-2023 10:49	COMPLETED
347	UAIL/LDC/FY24/GWP/3619	PM815820	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	22-11-2023 09:05	22-11-2023 10:05	COMPLETED
350	UAIL/LDC/FY24/GWP/3615	PM815821	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	22-11-2023 08:55	22-11-2023 10:04	COMPLETED
352	UAIL/LDC/FY24/GWP/3613	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	22-11-2023 08:39	22-11-2023 11:34	COMPLETED
354	UAIL/LDC/FY24/GWP/3611	W/O	Liner plate and pipe cutting work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/591	21-11-2023 11:00	21-11-2023 17:35	COMPLETED
355	UAIL/LDC/FY24/GWP/3604	W/O	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV2,	N/R	21-11-2023 07:03	21-11-2023 07:13	COMPLETED
356	UAIL/LDC/FY24/GWP/3603	PM815921	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	20-11-2023 16:30	20-11-2023 17:20	COMPLETED
357	UAIL/LDC/FY24/GWP/3602	PM815918	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	20-11-2023 16:30	20-11-2023 17:20	COMPLETED
358	UAIL/LDC/FY24/GWP/3601	PM815942	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	20-11-2023 16:31	20-11-2023 17:20	COMPLETED
359	UAIL/LDC/FY24/GWP/3600	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	20-11-2023 16:31	20-11-2023 17:44	COMPLETED
364	UAIL/LDC/FY24/GWP/3580	W/O	LINNER PLATE CUTTING WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/587	20-11-2023 12:01	20-11-2023 17:50	COMPLETED
366	UAIL/LDC/FY24/GWP/3576	W/O	staircase fabrication and fittup work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/584; UAIL/LDC/FY24/WHP/526	19-11-2023 10:58	19-11-2023 12:58	COMPLETED
367	UAIL/LDC/FY24/GWP/3574	PM815906	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	18-11-2023 15:42	18-11-2023 17:29	COMPLETED
368	UAIL/LDC/FY24/GWP/3573	PM815905	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	18-11-2023 15:42	18-11-2023 17:29	COMPLETED
369	UAIL/LDC/FY24/GWP/3572	PM815904	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	18-11-2023 15:43	18-11-2023 17:29	COMPLETED
370	UAIL/LDC/FY24/GWP/3570	PM815903	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	18-11-2023 15:43	18-11-2023 17:29	COMPLETED
373	UAIL/LDC/FY24/GWP/3567	W/O	AREA HOUSEKEEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	18-11-2023 15:06	18-11-2023 17:29	COMPLETED
375	UAIL/LDC/FY24/GWP/3563	W/O	DISCHARGE CHUTE MAINTENANCE	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/74; UAIL/LDC/FY24/WHP/525	18-11-2023 14:54	18-11-2023 17:37	COMPLETED

379	UAIL/LDC/FY24/GWP/3554	PM815847	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	17-11-2023 17:37	17-11-2023 17:43	COMPLETED
380	UAIL/LDC/FY24/GWP/3553	PM815881	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-QUARTERLY	C1A HEADEND	CHT-C1A-669-002,	N/R	17-11-2023 16:39	17-11-2023 17:32	COMPLETED
388	UAIL/LDC/FY24/GWP/3544	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	17-11-2023 15:34	17-11-2023 16:57	COMPLETED
389	UAIL/LDC/FY24/GWP/3542	WO827193	ROLLER REPLACEMENT WORK AT C1A CONVEYOR	C1A HEADEND	C1A-669-002-CV9,	N/R	17-11-2023 15:23	17-11-2023 17:44	COMPLETED
391	UAIL/LDC/FY24/GWP/3539	PM815771	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/72; UAIL/LDC/FY24/WHP/521	17-11-2023 15:08	17-11-2023 17:45	COMPLETED
394	UAIL/LDC/FY24/GWP/3536	W/O	Chequered plate replacement work	c1 b tail end	C1B-669-001-HE,	N/R	17-11-2023 14:52	17-11-2023 17:40	COMPLETED
400	UAIL/LDC/FY24/GWP/3521	W/O	staircase fabrication and fittup work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/577; UAIL/LDC/FY24/WHP/516	16-11-2023 10:04	16-11-2023 17:30	COMPLETED
404	UAIL/LDC/FY24/GWP/3515	W/O	Discharge chute inspection	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/71; UAIL/LDC/FY24/WHP/513	15-11-2023 16:10	15-11-2023 17:41	COMPLETED
405	UAIL/LDC/FY24/GWP/3514	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	15-11-2023 15:13	15-11-2023 17:24	COMPLETED
406	UAIL/LDC/FY24/GWP/3513	WO826845	ROLLER REPLACEMENT WORK AT C1A CONVEYOR	IMJH	C1A-669-002-CV9,	N/R	15-11-2023 14:59	15-11-2023 16:25	COMPLETED
407	UAIL/LDC/FY24/GWP/3511	PM815846	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	15-11-2023 15:08	15-11-2023 16:25	COMPLETED
408	UAIL/LDC/FY24/GWP/3510	PM815845	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	15-11-2023 15:08	15-11-2023 16:25	COMPLETED
409	UAIL/LDC/FY24/GWP/3509	PM815844	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	15-11-2023 15:08	15-11-2023 16:26	COMPLETED
410	UAIL/LDC/FY24/GWP/3508	PM815843	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	15-11-2023 15:08	15-11-2023 16:26	COMPLETED
411	UAIL/LDC/FY24/GWP/3507	PM815842	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	15-11-2023 15:08	15-11-2023 16:26	COMPLETED
413	UAIL/LDC/FY24/GWP/3504	PM815841	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP3	N/R	15-11-2023 15:21	15-11-2023 16:26	COMPLETED
414	UAIL/LDC/FY24/GWP/3503	PM815840	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	15-11-2023 15:08	15-11-2023 16:26	COMPLETED
415	UAIL/LDC/FY24/GWP/3502	PM815839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	15-11-2023 15:08	15-11-2023 16:26	COMPLETED
416	UAIL/LDC/FY24/GWP/3501	PM815838	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	15-11-2023 15:08	15-11-2023 16:26	COMPLETED
417	UAIL/LDC/FY24/GWP/3500	PM815837	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	15-11-2023 15:08	15-11-2023 16:26	COMPLETED
418	UAIL/LDC/FY24/GWP/3493	W/O	platform extension work	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/576; UAIL/LDC/FY24/WHP/512	15-11-2023 10:13	15-11-2023 17:42	COMPLETED
419	UAIL/LDC/FY24/GWP/3486	W/O	ROLLER REPLACEMENT WORK AT IMJH	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/510	14-11-2023 17:00	14-11-2023 17:37	COMPLETED
423	UAIL/LDC/FY24/GWP/3470	PM815777	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	13-11-2023 17:23	13-11-2023 17:46	COMPLETED
424	UAIL/LDC/FY24/GWP/3469	PM815773	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	13-11-2023 17:23	13-11-2023 17:46	COMPLETED
425	UAIL/LDC/FY24/GWP/3468	PM815795	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	13-11-2023 17:23	13-11-2023 17:46	COMPLETED
426	UAIL/LDC/FY24/GWP/3466	PM815794	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	13-11-2023 15:59	13-11-2023 17:03	COMPLETED
427	UAIL/LDC/FY24/GWP/3465	PM815793	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	13-11-2023 15:59	13-11-2023 17:03	COMPLETED
428	UAIL/LDC/FY24/GWP/3464	PM815792	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	13-11-2023 15:59	13-11-2023 17:03	COMPLETED
430	UAIL/LDC/FY24/GWP/3462	PM815791	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	13-11-2023 16:00	13-11-2023 17:04	COMPLETED
431	UAIL/LDC/FY24/GWP/3461	PM815789	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	13-11-2023 16:00	13-11-2023 17:04	COMPLETED
432	UAIL/LDC/FY24/GWP/3460	W/O	C1b tailend house keeping work	C1B TAILEND	C1B-669-004-TE,	N/R	13-11-2023 15:45	13-11-2023 17:01	COMPLETED
434	UAIL/LDC/FY24/GWP/3456	WO825427	ROLLER REPLACEMENT WORK AT C1B CONVEYOR	C1B TAILEND	C1B-669-004-TE,	N/R	13-11-2023 15:03	13-11-2023 17:39	COMPLETED
438	UAIL/LDC/FY24/GWP/3448	WO825193	SKIRT GUARD RUBBER REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	11-11-2023 15:51	11-11-2023 17:29	COMPLETED
439	UAIL/LDC/FY24/GWP/3447	PM815746	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	11-11-2023 15:51	11-11-2023 17:29	COMPLETED
440	UAIL/LDC/FY24/GWP/3446	W/O	AREA HOUSE KEPPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-11-2023 15:32	11-11-2023 17:29	COMPLETED
444	UAIL/LDC/FY24/GWP/3438	WO825206	C1B BELT EDGE REPARING WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/570	11-11-2023 15:01	11-11-2023 18:12	COMPLETED
447	UAIL/LDC/FY24/GWP/3428	W/O	water pipe line fittup work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/566; UAIL/LDC/FY24/WHP/503	10-11-2023 11:26	10-11-2023 17:26	COMPLETED
450	UAIL/LDC/FY24/GWP/3421	W/O	BRS FRAME ADJUSTMENT WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/564	09-11-2023 15:49	09-11-2023 17:29	COMPLETED
451	UAIL/LDC/FY24/GWP/3417	W/O	Water pipe line fittup work	C 1 b tail head	N/R	UAIL/LDC/FY24/HWP/563	09-11-2023 10:44	09-11-2023 17:29	COMPLETED
452	UAIL/LDC/FY24/GWP/3415	W/O	safety guard fabrication and fittup work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/562; UAIL/LDC/FY24/WHP/498	09-11-2023 10:21	09-11-2023 17:30	COMPLETED
453	UAIL/LDC/FY24/GWP/3411	PM815677	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	08-11-2023 16:24	08-11-2023 17:20	COMPLETED

455	UAIL/LDC/FY24/GWP/3400	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	08-11-2023 15:38	08-11-2023 17:28	COMPLETED
459	UAIL/LDC/FY24/GWP/3395	W/O	Fabrication bed welding work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/561; UAIL/LDC/FY24/WHP/495	08-11-2023 14:31	08-11-2023 17:21	COMPLETED
464	UAIL/LDC/FY24/GWP/3380	PM815648	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	07-11-2023 15:58	07-11-2023 17:21	COMPLETED
465	UAIL/LDC/FY24/GWP/3379	PM815647	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	07-11-2023 15:49	07-11-2023 17:22	COMPLETED
470	UAIL/LDC/FY24/GWP/3373	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	07-11-2023 15:35	07-11-2023 18:22	COMPLETED
471	UAIL/LDC/FY24/GWP/3372	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	07-11-2023 15:36	07-11-2023 18:22	COMPLETED
474	UAIL/LDC/FY24/GWP/3369	W/O	STORE CONTAINER WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/559	07-11-2023 11:09	07-11-2023 17:29	COMPLETED
475	UAIL/LDC/FY24/GWP/3368	W/O	cable tray panel fittup work	C1a head end	N/R	UAIL/LDC/FY24/HWP/558; UAIL/LDC/FY24/WHP/492	07-11-2023 10:54	07-11-2023 17:31	COMPLETED
478	UAIL/LDC/FY24/GWP/3351	PM815615	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	06-11-2023 16:23	06-11-2023 16:58	COMPLETED
479	UAIL/LDC/FY24/GWP/3350	PM815614	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	06-11-2023 16:23	06-11-2023 16:58	COMPLETED
480	UAIL/LDC/FY24/GWP/3349	PM815613	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	06-11-2023 16:23	06-11-2023 17:11	COMPLETED
481	UAIL/LDC/FY24/GWP/3348	PM815607	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	06-11-2023 16:24	06-11-2023 17:11	COMPLETED
482	UAIL/LDC/FY24/GWP/3347	PM815606	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	06-11-2023 16:25	06-11-2023 17:11	COMPLETED
483	UAIL/LDC/FY24/GWP/3346	PM815605	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	06-11-2023 17:00	06-11-2023 17:11	COMPLETED
484	UAIL/LDC/FY24/GWP/3345	PM815604	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-180ºB	N/R	06-11-2023 17:00	06-11-2023 17:11	COMPLETED
485	UAIL/LDC/FY24/GWP/3339	PM815625	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	06-11-2023 15:47	06-11-2023 16:43	COMPLETED
486	UAIL/LDC/FY24/GWP/3338	PM815623	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	06-11-2023 15:47	06-11-2023 16:43	COMPLETED
487	UAIL/LDC/FY24/GWP/3336	PM815622	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	06-11-2023 15:47	06-11-2023 16:45	COMPLETED
489	UAIL/LDC/FY24/GWP/3332	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	06-11-2023 15:09	06-11-2023 19:12	COMPLETED
491	UAIL/LDC/FY24/GWP/3329	W/O	BRS FITUP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/555; UAIL/LDC/FY24/WHP/488	06-11-2023 14:43	06-11-2023 17:41	COMPLETED
492	UAIL/LDC/FY24/GWP/3328	WO802962	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/554	06-11-2023 14:30	06-11-2023 19:12	COMPLETED
494	UAIL/LDC/FY24/GWP/3319	W/O	Cable try fitup and fabrication work	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/551; UAIL/LDC/FY24/WHP/487	06-11-2023 10:09	06-11-2023 17:48	COMPLETED
500	UAIL/LDC/FY24/GWP/3310	PM815603	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	04-11-2023 15:18	04-11-2023 15:45	COMPLETED
501	UAIL/LDC/FY24/GWP/3309	PM751043	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	04-11-2023 15:17	04-11-2023 15:45	COMPLETED
502	UAIL/LDC/FY24/GWP/3308	PM815588	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	04-11-2023 15:09	04-11-2023 15:45	COMPLETED
506	UAIL/LDC/FY24/GWP/3304	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	04-11-2023 14:48	04-11-2023 15:52	COMPLETED
509	UAIL/LDC/FY24/GWP/3301	WO818315	LOW SPEED COUPLING TORQUING WORK	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	04-11-2023 14:38	04-11-2023 15:53	COMPLETED
513	UAIL/LDC/FY24/GWP/3297	W/O	Cable panel fittup work	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/545; UAIL/LDC/FY24/WHP/484	04-11-2023 09:58	04-11-2023 17:37	COMPLETED
516	UAIL/LDC/FY24/GWP/3292	W/O	Container base fabrication work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/541	03-11-2023 10:40	03-11-2023 17:39	COMPLETED
518	UAIL/LDC/FY24/GWP/3290	W/O	Skirt guard rubber stand fabrication work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/539	03-11-2023 10:04	03-11-2023 17:42	COMPLETED
524	UAIL/LDC/FY24/GWP/3284	PM751052	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	02-11-2023 10:16	02-11-2023 10:32	COMPLETED
525	UAIL/LDC/FY24/GWP/3283	PM751025	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	02-11-2023 10:03	02-11-2023 10:32	COMPLETED
526	UAIL/LDC/FY24/GWP/3282	PM751055	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	02-11-2023 10:03	02-11-2023 10:32	COMPLETED
527	UAIL/LDC/FY24/GWP/3281	PM751054	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	02-11-2023 10:03	02-11-2023 10:33	COMPLETED
528	UAIL/LDC/FY24/GWP/3280	PM751053	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	02-11-2023 10:04	02-11-2023 10:33	COMPLETED
531	UAIL/LDC/FY24/GWP/3276	PM751052	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	02-11-2023 02:46	02-11-2023 04:10	COMPLETED
532	UAIL/LDC/FY24/GWP/3275	PM751049	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	02-11-2023 02:11	02-11-2023 04:10	COMPLETED
533	UAIL/LDC/FY24/GWP/3274	PM751046	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	02-11-2023 02:00	02-11-2023 04:11	COMPLETED
534	UAIL/LDC/FY24/GWP/3273	PM751044	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	02-11-2023 01:52	02-11-2023 02:45	COMPLETED
535	UAIL/LDC/FY24/GWP/3272	PM751062	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	02-11-2023 00:23	02-11-2023 02:28	COMPLETED
536	UAIL/LDC/FY24/GWP/3271	PM751066	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	02-11-2023 00:04	02-11-2023 02:28	COMPLETED

537	UAIL/LDC/FY24/GWP/3270	W/O	LINER PLATE REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/70; UAIL/LDC/FY24/HWP/538; UAIL/LDC/FY24/WHP/482	02-11-2023 00:00	02-11-2023 01:21	COMPLETED
538	UAIL/LDC/FY24/GWP/3269	PM751061	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	02-11-2023 00:06	02-11-2023 02:28	COMPLETED
539	UAIL/LDC/FY24/GWP/3268	PM751068	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	01-11-2023 23:36	02-11-2023 00:59	COMPLETED
540	UAIL/LDC/FY24/GWP/3267	PM751060	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	02-11-2023 00:06	02-11-2023 02:28	COMPLETED
541	UAIL/LDC/FY24/GWP/3266	PM751059	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	02-11-2023 00:07	02-11-2023 02:29	COMPLETED
542	UAIL/LDC/FY24/GWP/3265	W/O	ROLLER REPLACEMENT WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	01-11-2023 23:27	02-11-2023 05:08	COMPLETED
543	UAIL/LDC/FY24/GWP/3264	PM751067	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-VSCR2	N/R	01-11-2023 23:07	02-11-2023 00:59	COMPLETED
544	UAIL/LDC/FY24/GWP/3263	PM751094	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	01-11-2023 20:33	01-11-2023 22:21	COMPLETED
545	UAIL/LDC/FY24/GWP/3262	PM751093	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	01-11-2023 20:24	01-11-2023 22:20	COMPLETED
549	UAIL/LDC/FY24/GWP/3255	WO805321	GEAR BOX-3 REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY24/HWP/537; UAIL/LDC/FY24/WHP/481	01-11-2023 10:31	02-11-2023 01:27	COMPLETED
551	UAIL/LDC/FY24/GWP/3253	W/O	DISCHARGE CHUTE MAINTENANCE WORK	C1A HEAD END	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/69; UAIL/LDC/FY24/HWP/535; UAIL/LDC/FY24/WHP/479	01-11-2023 09:45	01-11-2023 23:51	COMPLETED
555	UAIL/LDC/FY24/GWP/3246	W/O	T2-BOTTOM BEND PULLEY LAGGING WORK	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-T2BP2	UAIL/LDC/FY24/HWP/534; UAIL/LDC/FY24/WHP/477	01-11-2023 08:46	01-11-2023 23:25	COMPLETED
557	UAIL/LDC/FY24/GWP/3243	W/O	HOUSEKEEPING WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	01-11-2023 07:50	01-11-2023 19:17	COMPLETED
561	UAIL/LDC/FY24/GWP/3239	WO805321	GEAR BOX-3 REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY24/WHP/474	31-10-2023 23:08	01-11-2023 09:58	COMPLETED
564	UAIL/LDC/FY24/GWP/3235	WO805321	GEAR BOX-3 REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	31-10-2023 18:59	31-10-2023 22:47	COMPLETED
565	UAIL/LDC/FY24/GWP/3234	WO806102	TURN OVER 0 DEG.PULLEY LAGGING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	31-10-2023 19:00	01-11-2023 05:06	COMPLETED
566	UAIL/LDC/FY24/GWP/3233	WO806102	TURN OVER 0 DEG.PULLEY LAGGING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	UAIL/LDC/FY24/HWP/533; UAIL/LDC/FY24/WHP/472	31-10-2023 18:21	06-11-2023 16:57	COMPLETED
572	UAIL/LDC/FY24/GWP/3225	W/O	CAPSTAN BRAKE CLEANING WORK	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	31-10-2023 11:45	31-10-2023 16:34	COMPLETED
573	UAIL/LDC/FY24/GWP/3221	W/O	SKIRT GUARD REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY24/WHP/471	31-10-2023 10:11	31-10-2023 16:54	COMPLETED
575	UAIL/LDC/FY24/GWP/3217	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1B-669-004-TE,	N/R	31-10-2023 09:17	31-10-2023 15:15	COMPLETED
576	UAIL/LDC/FY24/GWP/3214	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	31-10-2023 09:05	31-10-2023 16:54	COMPLETED
578	UAIL/LDC/FY24/GWP/3212	WO805321	GEAR BOX-3 REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY24/HWP/531; UAIL/LDC/FY24/WHP/470	31-10-2023 08:43	01-11-2023 09:44	COMPLETED
580	UAIL/LDC/FY24/GWP/3205	W/O	STORE ROOM FABRICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/527	29-10-2023 10:41	29-10-2023 17:27	COMPLETED
581	UAIL/LDC/FY24/GWP/3204	W/O	SAFETY GUARD MODIFICATION AND FIT-UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/526	29-10-2023 09:41	29-10-2023 17:28	COMPLETED
582	UAIL/LDC/FY24/GWP/3203	PM747965	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	28-10-2023 17:07	28-10-2023 17:34	COMPLETED
589	UAIL/LDC/FY24/GWP/3194	PM747936	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	28-10-2023 16:08	28-10-2023 17:16	COMPLETED
593	UAIL/LDC/FY24/GWP/3185	PM751032	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	28-10-2023 15:40	28-10-2023 17:12	COMPLETED
594	UAIL/LDC/FY24/GWP/3184	PM748017	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	28-10-2023 15:30	28-10-2023 16:51	COMPLETED
597	UAIL/LDC/FY24/GWP/3181	PM751023	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-EL-HO-2L-001-BI MONTHLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	28-10-2023 15:20	28-10-2023 17:12	COMPLETED
599	UAIL/LDC/FY24/GWP/3179	W/O	AREA HOUSEKEEPING WORK AT C1A H.E AREA	C1A HEADEND	C1A-669-002-HE,	N/R	28-10-2023 15:11	28-10-2023 17:31	COMPLETED
605	UAIL/LDC/FY24/GWP/3171	PM751029	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-ART,	N/R	28-10-2023 10:44	28-10-2023 11:39	COMPLETED
606	UAIL/LDC/FY24/GWP/3170	PM751030	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	28-10-2023 10:37	28-10-2023 11:39	COMPLETED
607	UAIL/LDC/FY24/GWP/3169	PM751026	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	28-10-2023 10:37	28-10-2023 11:39	COMPLETED
608	UAIL/LDC/FY24/GWP/3168	PM751023	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-EL-HO-2L-001-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY4	N/R	28-10-2023 10:38	28-10-2023 11:38	COMPLETED
612	UAIL/LDC/FY24/GWP/3159	PM748009	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	27-10-2023 16:51	27-10-2023 17:29	COMPLETED
616	UAIL/LDC/FY24/GWP/3155	W/O	AREA HOUSREKEEPING WORK AT C1B TAILEND AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	27-10-2023 16:25	27-10-2023 17:27	COMPLETED
617	UAIL/LDC/FY24/GWP/3154	WO802707	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	N/R	27-10-2023 16:23	27-10-2023 17:27	COMPLETED
618	UAIL/LDC/FY24/GWP/3153	WO802687	CSK NUT&BOLT REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/66; UAIL/LDC/FY24/EXP/1; UAIL/LDC/FY24/WHP/464	27-10-2023 15:59	27-10-2023 17:25	COMPLETED
632	UAIL/LDC/FY24/GWP/3135	W/O	safety guard fabrication and fittup work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/522; UAIL/LDC/FY24/WHP/462	27-10-2023 10:23	27-10-2023 18:03	COMPLETED
646	UAIL/LDC/FY24/GWP/3119	W/O	Safety guard fabrication work	Cl b tail end	N/R	UAIL/LDC/FY24/HWP/519	26-10-2023 10:51	26-10-2023 17:17	COMPLETED
650	UAIL/LDC/FY24/GWP/3115	PM747918	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	25-10-2023 15:59	25-10-2023 17:54	COMPLETED

651	UAIL/LDC/FY24/GWP/3114	PM747947	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	25-10-2023 15:58	25-10-2023 17:54	COMPLETED
652	UAIL/LDC/FY24/GWP/3113	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	25-10-2023 15:59	25-10-2023 17:55	COMPLETED
654	UAIL/LDC/FY24/GWP/3111	PM747923	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/WHP/459	25-10-2023 15:24	25-10-2023 17:48	COMPLETED
656	UAIL/LDC/FY24/GWP/3108	WO780149	C1A CONVEYOR BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/518	25-10-2023 15:04	25-10-2023 17:55	COMPLETED
660	UAIL/LDC/FY24/GWP/3100	PM747929	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	23-10-2023 15:40	23-10-2023 17:19	COMPLETED
661	UAIL/LDC/FY24/GWP/3099	PM747928	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	23-10-2023 15:40	23-10-2023 17:19	COMPLETED
662	UAIL/LDC/FY24/GWP/3098	PM747927	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	23-10-2023 15:40	23-10-2023 17:19	COMPLETED
666	UAIL/LDC/FY24/GWP/3093	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	23-10-2023 14:59	23-10-2023 18:02	COMPLETED
668	UAIL/LDC/FY24/GWP/3091	WO777737	C1A BELT PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/516	23-10-2023 15:00	23-10-2023 18:02	COMPLETED
673	UAIL/LDC/FY24/GWP/3081	PM747910	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	21-10-2023 16:40	21-10-2023 17:29	COMPLETED
674	UAIL/LDC/FY24/GWP/3080	PM747917	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	21-10-2023 16:17	21-10-2023 17:17	COMPLETED
677	UAIL/LDC/FY24/GWP/3077	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	21-10-2023 15:14	21-10-2023 17:24	COMPLETED
678	UAIL/LDC/FY24/GWP/3076	WO777408	SKIRT GUARD RUBBER REPLACEMENT WORK	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	21-10-2023 15:05	21-10-2023 17:36	COMPLETED
680	UAIL/LDC/FY24/GWP/3074	W/O	AREA HOUSE KEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	21-10-2023 14:34	21-10-2023 17:25	COMPLETED
681	UAIL/LDC/FY24/GWP/3073	WO777406	C1A BELT EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/510	21-10-2023 14:36	21-10-2023 18:04	COMPLETED
683	UAIL/LDC/FY24/GWP/3064	PM747830	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	20-10-2023 15:36	20-10-2023 17:27	COMPLETED
684	UAIL/LDC/FY24/GWP/3063	PM747820	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	20-10-2023 15:36	20-10-2023 17:27	COMPLETED
685	UAIL/LDC/FY24/GWP/3062	PM747819	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	20-10-2023 15:36	20-10-2023 17:27	COMPLETED
686	UAIL/LDC/FY24/GWP/3061	PM747818	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	20-10-2023 15:37	20-10-2023 17:27	COMPLETED
687	UAIL/LDC/FY24/GWP/3060	PM747817	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	20-10-2023 15:37	20-10-2023 17:27	COMPLETED
688	UAIL/LDC/FY24/GWP/3059	PM747816	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	20-10-2023 15:08	20-10-2023 17:28	COMPLETED
689	UAIL/LDC/FY24/GWP/3057	PM747814	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	20-10-2023 15:37	20-10-2023 17:28	COMPLETED
690	UAIL/LDC/FY24/GWP/3054	W/O	DEFLECTOR LINER REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/64; UAIL/LDC/FY24/WHP/448	20-10-2023 15:02	20-10-2023 17:28	COMPLETED
692	UAIL/LDC/FY24/GWP/3052	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	20-10-2023 14:41	20-10-2023 17:28	COMPLETED
693	UAIL/LDC/FY24/GWP/3050	WO772882	BELT EDGE REPAIRING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/503	20-10-2023 14:30	20-10-2023 17:47	COMPLETED
708	UAIL/LDC/FY24/GWP/3030	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	19-10-2023 15:37	19-10-2023 17:57	COMPLETED
710	UAIL/LDC/FY24/GWP/3028	WO774806	DEFLECTOR LINER REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/63; UAIL/LDC/FY24/WHP/445	19-10-2023 15:21	19-10-2023 17:57	COMPLETED
712	UAIL/LDC/FY24/GWP/3026	WO774807	HISH SPEED COUPLING -3ALIGNMENT CHECKING	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	19-10-2023 14:56	19-10-2023 17:57	COMPLETED
715	UAIL/LDC/FY24/GWP/3017	W/O	safetyguard fittup work	c1 B tai, end	N/R	UAIL/LDC/FY24/HWP/497; UAIL/LDC/FY24/WHP/442	19-10-2023 09:38	19-10-2023 18:06	COMPLETED
718	UAIL/LDC/FY24/GWP/3009	PM747866	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-HALF YEARLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	17-10-2023 08:43	17-10-2023 11:52	COMPLETED
719	UAIL/LDC/FY24/GWP/3008	PM747864	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-HALF YEARLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	17-10-2023 08:43	17-10-2023 11:52	COMPLETED
720	UAIL/LDC/FY24/GWP/3007	PM747865	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	17-10-2023 08:33	17-10-2023 11:52	COMPLETED
721	UAIL/LDC/FY24/GWP/3006	PM747867	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	17-10-2023 08:33	17-10-2023 11:52	COMPLETED
722	UAIL/LDC/FY24/GWP/3003	PM747839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	16-10-2023 16:48	16-10-2023 17:36	COMPLETED
723	UAIL/LDC/FY24/GWP/3002	PM747837	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	16-10-2023 16:48	16-10-2023 17:37	COMPLETED
724	UAIL/LDC/FY24/GWP/3001	PM747836	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	16-10-2023 16:49	16-10-2023 17:37	COMPLETED
725	UAIL/LDC/FY24/GWP/3000	PM747835	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	16-10-2023 16:49	16-10-2023 17:37	COMPLETED
726	UAIL/LDC/FY24/GWP/2998	PM747838	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	16-10-2023 16:21	16-10-2023 17:30	COMPLETED
727	UAIL/LDC/FY24/GWP/2995	PM747833	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/62; UAIL/LDC/FY24/WHP/435	16-10-2023 16:12	16-10-2023 17:30	COMPLETED
729	UAIL/LDC/FY24/GWP/2991	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	16-10-2023 15:19	16-10-2023 17:30	COMPLETED
730	UAIL/LDC/FY24/GWP/2989	WO773377	EDGE REPAIRING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/493	16-10-2023 14:56	16-10-2023 18:18	COMPLETED

733	UAIL/LDC/FY24/GWP/2986	PM747803	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	16-10-2023 11:26	16-10-2023 12:42	COMPLETED
734	UAIL/LDC/FY24/GWP/2985	PM747802	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	16-10-2023 11:27	16-10-2023 12:42	COMPLETED
735	UAIL/LDC/FY24/GWP/2984	PM747829	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-HALF YEARLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	16-10-2023 11:28	16-10-2023 12:42	COMPLETED
736	UAIL/LDC/FY24/GWP/2983	PM747828	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-HALF YEARLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	16-10-2023 11:28	16-10-2023 12:42	COMPLETED
740	UAIL/LDC/FY24/GWP/2967	PM747796	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	13-10-2023 17:33	13-10-2023 17:46	COMPLETED
741	UAIL/LDC/FY24/GWP/2966	PM747792	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	13-10-2023 17:31	13-10-2023 17:42	COMPLETED
745	UAIL/LDC/FY24/GWP/2961	WO771810	ROLLER REPLACEMENT AT C1A CONVEYOR	C1A HEADEND	C1A-669-002-HE,	N/R	13-10-2023 15:19	13-10-2023 17:30	COMPLETED
751	UAIL/LDC/FY24/GWP/2943	PM747620	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	12-10-2023 16:53	12-10-2023 17:14	COMPLETED
753	UAIL/LDC/FY24/GWP/2941	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	12-10-2023 15:35	12-10-2023 17:36	COMPLETED
756	UAIL/LDC/FY24/GWP/2937	W/O	PM OF PULLEY BEARING	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY24/WHP/427	12-10-2023 15:05	12-10-2023 19:04	COMPLETED
757	UAIL/LDC/FY24/GWP/2928	PM747751	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	11-10-2023 16:51	11-10-2023 17:23	COMPLETED
758	UAIL/LDC/FY24/GWP/2927	PM747685	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	11-10-2023 16:33	11-10-2023 17:23	COMPLETED
760	UAIL/LDC/FY24/GWP/2925	PM747606	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	11-10-2023 17:04	11-10-2023 17:30	COMPLETED
761	UAIL/LDC/FY24/GWP/2924	PM747620	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	11-10-2023 17:04	11-10-2023 17:31	COMPLETED
764	UAIL/LDC/FY24/GWP/2921	PM747726	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	11-10-2023 16:38	11-10-2023 17:00	COMPLETED
765	UAIL/LDC/FY24/GWP/2920	PM747725	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	11-10-2023 16:37	11-10-2023 17:00	COMPLETED
766	UAIL/LDC/FY24/GWP/2919	PM747724	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	11-10-2023 16:37	11-10-2023 17:00	COMPLETED
767	UAIL/LDC/FY24/GWP/2918	PM747723	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	11-10-2023 16:37	11-10-2023 17:00	COMPLETED
768	UAIL/LDC/FY24/GWP/2917	PM747722	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	11-10-2023 15:51	11-10-2023 16:30	COMPLETED
769	UAIL/LDC/FY24/GWP/2915	PM747721	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	11-10-2023 15:51	11-10-2023 16:31	COMPLETED
770	UAIL/LDC/FY24/GWP/2914	PM747720	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	11-10-2023 15:51	11-10-2023 16:31	COMPLETED
771	UAIL/LDC/FY24/GWP/2913	PM747719	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	11-10-2023 15:51	11-10-2023 16:31	COMPLETED
772	UAIL/LDC/FY24/GWP/2911	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-10-2023 15:22	11-10-2023 17:46	COMPLETED
779	UAIL/LDC/FY24/GWP/2889	PM747709	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	09-10-2023 17:36	09-10-2023 18:09	COMPLETED
780	UAIL/LDC/FY24/GWP/2888	PM747708	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	09-10-2023 17:36	09-10-2023 18:09	COMPLETED
781	UAIL/LDC/FY24/GWP/2887	PM747706	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	09-10-2023 17:37	09-10-2023 18:10	COMPLETED
782	UAIL/LDC/FY24/GWP/2886	PM747694	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-HALF YEARLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	09-10-2023 17:37	09-10-2023 18:10	COMPLETED
783	UAIL/LDC/FY24/GWP/2878	PM747698	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	09-10-2023 15:32	09-10-2023 17:09	COMPLETED
784	UAIL/LDC/FY24/GWP/2876	PM747697	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	09-10-2023 15:33	09-10-2023 17:09	COMPLETED
785	UAIL/LDC/FY24/GWP/2875	PM747696	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	09-10-2023 15:33	09-10-2023 17:09	COMPLETED
786	UAIL/LDC/FY24/GWP/2874	PM747680	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	09-10-2023 15:34	09-10-2023 17:09	COMPLETED
787	UAIL/LDC/FY24/GWP/2870	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	09-10-2023 15:07	09-10-2023 18:09	COMPLETED
792	UAIL/LDC/FY24/GWP/2861	W/O	Container shifting work	C1B TAILEND	N/R	N/R	09-10-2023 11:05	09-10-2023 17:31	COMPLETED
799	UAIL/LDC/FY24/GWP/2837	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	07-10-2023 14:51	07-10-2023 17:59	COMPLETED
803	UAIL/LDC/FY24/GWP/2828	PM747603	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	07-10-2023 12:37	07-10-2023 13:22	COMPLETED
804	UAIL/LDC/FY24/GWP/2827	PM747602	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	07-10-2023 12:37	07-10-2023 13:22	COMPLETED
811	UAIL/LDC/FY24/GWP/2820	PM747609	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	07-10-2023 12:22	07-10-2023 13:20	COMPLETED
812	UAIL/LDC/FY24/GWP/2819	PM747608	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	07-10-2023 12:23	07-10-2023 13:20	COMPLETED
813	UAIL/LDC/FY24/GWP/2818	PM747607	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	07-10-2023 12:21	07-10-2023 13:20	COMPLETED
815	UAIL/LDC/FY24/GWP/2816	PM747600	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/57; UAIL/LDC/FY24/HWP/477; UAIL/LDC/FY24/WHP/411	07-10-2023 12:22	07-10-2023 17:52	COMPLETED
821	UAIL/LDC/FY24/GWP/2802	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	03-10-2023 07:26	03-10-2023 08:45	COMPLETED

824	UAIL/LDC/FY24/GWP/2797	W/O	SCRAPPER REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	02-10-2023 10:12	02-10-2023 10:49	COMPLETED
826	UAIL/LDC/FY24/GWP/2795	W/O	pipe fittup work	C1 b tail end	N/R	UAIL/LDC/FY24/HWP/475	02-10-2023 10:02	02-10-2023 17:49	COMPLETED
828	UAIL/LDC/FY24/GWP/2792	W/O	Safety guard fittup work	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/473	01-10-2023 10:13	01-10-2023 17:18	COMPLETED
829	UAIL/LDC/FY24/GWP/2791	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	N/R	01-10-2023 00:26	01-10-2023 03:15	COMPLETED
832	UAIL/LDC/FY24/GWP/2788	PM705138	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	30-09-2023 16:39	30-09-2023 17:33	COMPLETED
833	UAIL/LDC/FY24/GWP/2787	PM705134	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	30-09-2023 16:39	30-09-2023 17:33	COMPLETED
835	UAIL/LDC/FY24/GWP/2785	PM705111	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	30-09-2023 16:40	30-09-2023 17:33	COMPLETED
838	UAIL/LDC/FY24/GWP/2782	WO761189	ROLLER REPLACEMENT WORK AT C1B CONVEYOR.	C1B TAILEND	C1B-669-004-TE,	N/R	30-09-2023 15:38	30-09-2023 17:35	COMPLETED
839	UAIL/LDC/FY24/GWP/2780	W/O	SCRAPER REPLACEMENT WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	UAIL/LDC/FY24/WHP/408	30-09-2023 15:34	30-09-2023 17:15	COMPLETED
841	UAIL/LDC/FY24/GWP/2777	W/O	Pipe Line Fit-up Work	C1B TAIL END	N/R	UAIL/LDC/FY24/HWP/471; UAIL/LDC/FY24/WHP/406	30-09-2023 10:47	30-09-2023 17:17	COMPLETED
842	UAIL/LDC/FY24/GWP/2776	W/O	Safety Guard Fit-up Work	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/470	30-09-2023 10:21	30-09-2023 17:34	COMPLETED
844	UAIL/LDC/FY24/GWP/2772	PM705150	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-002-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	29-09-2023 17:15	29-09-2023 18:05	COMPLETED
845	UAIL/LDC/FY24/GWP/2771	PM705158	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	29-09-2023 17:15	29-09-2023 18:05	COMPLETED
846	UAIL/LDC/FY24/GWP/2770	PM705157	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	29-09-2023 17:16	29-09-2023 18:05	COMPLETED
847	UAIL/LDC/FY24/GWP/2769	PM705156	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	29-09-2023 16:35	29-09-2023 17:09	COMPLETED
848	UAIL/LDC/FY24/GWP/2768	PM705155	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	29-09-2023 16:35	29-09-2023 17:09	COMPLETED
849	UAIL/LDC/FY24/GWP/2767	PM705151	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	29-09-2023 16:35	29-09-2023 17:09	COMPLETED
850	UAIL/LDC/FY24/GWP/2766	PM705149	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	29-09-2023 16:35	29-09-2023 17:10	COMPLETED
853	UAIL/LDC/FY24/GWP/2763	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	29-09-2023 15:58	29-09-2023 17:51	COMPLETED
855	UAIL/LDC/FY24/GWP/2760	W/O	C1A DISCHARGE CHUTE LINER PLATE NUT AND BOLT REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/55; UAIL/LDC/FY24/WHP/405	29-09-2023 16:00	29-09-2023 17:51	COMPLETED
858	UAIL/LDC/FY24/GWP/2752	W/O	Safety guard fittup work	C 1 b tail end	N/R	UAIL/LDC/FY24/HWP/467; UAIL/LDC/FY24/WHP/402	29-09-2023 14:41	29-09-2023 18:18	COMPLETED
865	UAIL/LDC/FY24/GWP/2739	PM705091	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	26-09-2023 16:18	26-09-2023 17:28	COMPLETED
866	UAIL/LDC/FY24/GWP/2738	PM705088	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	26-09-2023 16:12	26-09-2023 17:28	COMPLETED
867	UAIL/LDC/FY24/GWP/2737	PM705090	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	26-09-2023 16:13	26-09-2023 17:29	COMPLETED
869	UAIL/LDC/FY24/GWP/2735	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	26-09-2023 16:06	26-09-2023 17:29	COMPLETED
870	UAIL/LDC/FY24/GWP/2734	WO727752	ROLLER REPLACEMENT WORK AT C1A CV-9	C1A HEADEND	C1A-669-002-CV9,	N/R	26-09-2023 14:59	26-09-2023 17:30	COMPLETED
874	UAIL/LDC/FY24/GWP/2729	PM705051	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	25-09-2023 16:56	25-09-2023 17:55	COMPLETED
875	UAIL/LDC/FY24/GWP/2728	PM705050	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90 ºL	N/R	25-09-2023 17:00	25-09-2023 17:56	COMPLETED
876	UAIL/LDC/FY24/GWP/2727	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	25-09-2023 16:12	25-09-2023 17:41	COMPLETED
877	UAIL/LDC/FY24/GWP/2726	PM705076	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	25-09-2023 16:10	25-09-2023 17:42	COMPLETED
882	UAIL/LDC/FY24/GWP/2716	WO727534	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV9,	N/R	25-09-2023 15:14	25-09-2023 17:43	COMPLETED
890	UAIL/LDC/FY24/GWP/2697	W/O	Pipe line fittup work	C1A air receiver tank	N/R	UAIL/LDC/FY24/HWP/454; UAIL/LDC/FY24/WHP/383	22-09-2023 11:34	22-09-2023 17:46	COMPLETED
892	UAIL/LDC/FY24/GWP/2694	W/O	SCRAPER FRAME REPLACEMENT WORK .	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-VSCR2	UAIL/LDC/FY24/WHP/382	22-09-2023 00:55	22-09-2023 01:44	COMPLETED
893	UAIL/LDC/FY24/GWP/2693	W/O	LINER PLATE REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/51; UAIL/LDC/FY24/WHP/381	21-09-2023 22:07	21-09-2023 22:50	COMPLETED
900	UAIL/LDC/FY24/GWP/2681	PM705044	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	21-09-2023 01:31	21-09-2023 04:27	COMPLETED
901	UAIL/LDC/FY24/GWP/2680	PM705038	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90 ºL	N/R	21-09-2023 01:31	21-09-2023 04:28	COMPLETED
902	UAIL/LDC/FY24/GWP/2679	PM705003	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1B TAIL END	CHT-C1A-669-002,	N/R	20-09-2023 20:37	20-09-2023 21:19	COMPLETED
903	UAIL/LDC/FY24/GWP/2678	PM704978	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BP-PS-S24-PD-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-BP,	N/R	20-09-2023 20:29	20-09-2023 21:19	COMPLETED
904	UAIL/LDC/FY24/GWP/2677	PM704981	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180 ºB	N/R	20-09-2023 20:19	20-09-2023 21:19	COMPLETED
911	UAIL/LDC/FY24/GWP/2662	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	20-09-2023 09:02	20-09-2023 13:17	COMPLETED
912	UAIL/LDC/FY24/GWP/2660	WO723386	C1A BELT PATCHING WORK WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/445	20-09-2023 08:52	20-09-2023 15:21	COMPLETED

918	UAIL/LDC/FY24/GWP/2653	PM705029	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	20-09-2023 07:54	20-09-2023 09:49	COMPLETED
919	UAIL/LDC/FY24/GWP/2652	PM705028	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	20-09-2023 07:55	20-09-2023 09:49	COMPLETED
924	UAIL/LDC/FY24/GWP/2647	PM705007	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-180ºT	N/R	19-09-2023 17:05	19-09-2023 17:57	COMPLETED
925	UAIL/LDC/FY24/GWP/2646	PM704960	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	19-09-2023 17:05	19-09-2023 17:57	COMPLETED
926	UAIL/LDC/FY24/GWP/2645	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	19-09-2023 16:30	19-09-2023 17:35	COMPLETED
927	UAIL/LDC/FY24/GWP/2644	PM704964	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	19-09-2023 17:06	19-09-2023 17:57	COMPLETED
928	UAIL/LDC/FY24/GWP/2643	PM704963	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	19-09-2023 17:06	19-09-2023 18:02	COMPLETED
929	UAIL/LDC/FY24/GWP/2642	PM704962	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	19-09-2023 16:18	19-09-2023 17:02	COMPLETED
930	UAIL/LDC/FY24/GWP/2641	PM704961	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	19-09-2023 16:18	19-09-2023 17:02	COMPLETED
931	UAIL/LDC/FY24/GWP/2640	PM704959	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	19-09-2023 16:18	19-09-2023 17:02	COMPLETED
932	UAIL/LDC/FY24/GWP/2639	PM704957	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	19-09-2023 16:18	19-09-2023 17:02	COMPLETED
937	UAIL/LDC/FY24/GWP/2630	WO718424	C1A ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/373	18-09-2023 14:09	18-09-2023 15:03	COMPLETED
946	UAIL/LDC/FY24/GWP/2619	PM704976	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	14-09-2023 21:31	14-09-2023 22:08	COMPLETED
947	UAIL/LDC/FY24/GWP/2618	WO721241	EDGE REPAIRING WORK.	C1B TAIL END	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/437	14-09-2023 18:45	14-09-2023 23:42	COMPLETED
948	UAIL/LDC/FY24/GWP/2616	PM704974	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	14-09-2023 17:44	14-09-2023 20:01	COMPLETED
949	UAIL/LDC/FY24/GWP/2615	PM704973	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	14-09-2023 17:44	14-09-2023 20:01	COMPLETED
950	UAIL/LDC/FY24/GWP/2613	PM704972	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	14-09-2023 11:14	14-09-2023 11:52	COMPLETED
951	UAIL/LDC/FY24/GWP/2611	PM704968	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	14-09-2023 10:05	14-09-2023 10:29	COMPLETED
952	UAIL/LDC/FY24/GWP/2610	PM704970	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	14-09-2023 09:52	14-09-2023 10:29	COMPLETED
953	UAIL/LDC/FY24/GWP/2607	PM704975	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	14-09-2023 09:41	14-09-2023 10:28	COMPLETED
955	UAIL/LDC/FY24/GWP/2605	PM704949	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	13-09-2023 17:19	13-09-2023 19:34	COMPLETED
956	UAIL/LDC/FY24/GWP/2604	PM704947	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	13-09-2023 17:06	13-09-2023 19:34	COMPLETED
957	UAIL/LDC/FY24/GWP/2603	PM704946	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	13-09-2023 16:55	13-09-2023 19:34	COMPLETED
963	UAIL/LDC/FY24/GWP/2597	PM704938	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	13-09-2023 09:15	13-09-2023 12:15	COMPLETED
964	UAIL/LDC/FY24/GWP/2596	PM704937	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	13-09-2023 09:13	13-09-2023 12:15	COMPLETED
965	UAIL/LDC/FY24/GWP/2595	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	13-09-2023 09:03	13-09-2023 12:15	COMPLETED
966	UAIL/LDC/FY24/GWP/2594	PM704936	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	13-09-2023 09:16	13-09-2023 12:15	COMPLETED
967	UAIL/LDC/FY24/GWP/2592	PM704933	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	13-09-2023 10:04	13-09-2023 12:15	COMPLETED
968	UAIL/LDC/FY24/GWP/2591	PM704943	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	13-09-2023 09:18	13-09-2023 10:03	COMPLETED
972	UAIL/LDC/FY24/GWP/2586	PM636056	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	13-09-2023 00:46	13-09-2023 01:50	COMPLETED
973	UAIL/LDC/FY24/GWP/2585	PM704838	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	13-09-2023 00:46	13-09-2023 01:51	COMPLETED
979	UAIL/LDC/FY24/GWP/2577	W/O	FLAT IDLER FIT UP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/434; UAIL/LDC/FY24/WHP/370	12-09-2023 16:05	12-09-2023 17:48	COMPLETED
981	UAIL/LDC/FY24/GWP/2575	PM704920	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	12-09-2023 10:57	12-09-2023 13:00	COMPLETED
982	UAIL/LDC/FY24/GWP/2572	PM704893	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-YEARLY	C1A HEADEND	GT-C1A-669-002-WNCH,WNCH-C1A-669-002-G	N/R	12-09-2023 10:41	12-09-2023 13:00	COMPLETED
985	UAIL/LDC/FY24/GWP/2563	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	12-09-2023 09:22	12-09-2023 17:39	COMPLETED
986	UAIL/LDC/FY24/GWP/2562	WO718743	DISCHARGE CHUTE MAINTENANCE WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/47; UAIL/LDC/FY24/WHP/369	12-09-2023 09:23	12-09-2023 17:40	COMPLETED
987	UAIL/LDC/FY24/GWP/2560	W/O	INSIDE AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	12-09-2023 08:45	12-09-2023 17:03	COMPLETED
1006	UAIL/LDC/FY24/GWP/2529	PM636276	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	10-09-2023 15:59	10-09-2023 17:50	COMPLETED
1007	UAIL/LDC/FY24/GWP/2528	PM704884	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/46; UAIL/LDC/FY24/WHP/364	10-09-2023 15:28	10-09-2023 17:30	COMPLETED
1009	UAIL/LDC/FY24/GWP/2526	PM704862	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	10-09-2023 15:08	10-09-2023 17:30	COMPLETED
1010	UAIL/LDC/FY24/GWP/2523	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	10-09-2023 14:40	10-09-2023 17:30	COMPLETED

1011	UAIL/LDC/FY24/GWP/2521	WO717704	REPLACEMENT OF ROLLER	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/WHP/363	10-09-2023 14:32	10-09-2023 17:21	COMPLETED
1014	UAIL/LDC/FY24/GWP/2507	PM704848	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	08-09-2023 15:35	08-09-2023 15:57	COMPLETED
1015	UAIL/LDC/FY24/GWP/2506	PM704840	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	08-09-2023 15:35	08-09-2023 17:23	COMPLETED
1016	UAIL/LDC/FY24/GWP/2505	PM704839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	08-09-2023 15:35	08-09-2023 17:23	COMPLETED
1017	UAIL/LDC/FY24/GWP/2503	W/O	AREA HOUSEKEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	08-09-2023 15:37	08-09-2023 17:23	COMPLETED
1027	UAIL/LDC/FY24/GWP/2483	W/O	COOLING FAN MOTOR REPLACEMENT WORK .	C1A HEADEND	BCC1A-669-002-M4-CF1,	UAIL/LDC/FY24/WHP/354	08-09-2023 02:42	08-09-2023 04:33	COMPLETED
1044	UAIL/LDC/FY24/GWP/2453	PM704823	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	07-09-2023 07:43	07-09-2023 08:39	COMPLETED
1045	UAIL/LDC/FY24/GWP/2452	PM636212	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	07-09-2023 07:20	07-09-2023 08:17	COMPLETED
1046	UAIL/LDC/FY24/GWP/2451	PM633837	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	07-09-2023 07:21	07-09-2023 08:16	COMPLETED
1047	UAIL/LDC/FY24/GWP/2449	W/O	Roller replacement work	C1B TAILEND	C1B-669-004-TE,	N/R	07-09-2023 05:45	07-09-2023 06:09	COMPLETED
1048	UAIL/LDC/FY24/GWP/2446	PM633837	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	06-09-2023 16:54	06-09-2023 17:16	COMPLETED
1049	UAIL/LDC/FY24/GWP/2445	PM633836	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	06-09-2023 16:54	06-09-2023 17:18	COMPLETED
1050	UAIL/LDC/FY24/GWP/2444	PM636212	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	06-09-2023 16:54	06-09-2023 17:21	COMPLETED
1051	UAIL/LDC/FY24/GWP/2442	PM636135	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	06-09-2023 16:54	06-09-2023 17:25	COMPLETED
1052	UAIL/LDC/FY24/GWP/2441	PM636047	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	06-09-2023 16:55	06-09-2023 17:25	COMPLETED
1053	UAIL/LDC/FY24/GWP/2440	PM636045	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	06-09-2023 16:55	06-09-2023 17:25	COMPLETED
1054	UAIL/LDC/FY24/GWP/2439	PM636044	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	06-09-2023 16:55	06-09-2023 17:25	COMPLETED
1055	UAIL/LDC/FY24/GWP/2438	PM636043	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	06-09-2023 16:55	06-09-2023 17:24	COMPLETED
1056	UAIL/LDC/FY24/GWP/2437	PM636040	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	06-09-2023 17:32	06-09-2023 17:38	COMPLETED
1057	UAIL/LDC/FY24/GWP/2436	PM633838	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	06-09-2023 16:14	06-09-2023 16:49	COMPLETED
1058	UAIL/LDC/FY24/GWP/2435	PM633839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	06-09-2023 16:14	06-09-2023 16:49	COMPLETED
1059	UAIL/LDC/FY24/GWP/2434	PM636277	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-005-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	06-09-2023 17:36	06-09-2023 17:38	COMPLETED
1060	UAIL/LDC/FY24/GWP/2433	PM636278	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	06-09-2023 17:41	06-09-2023 17:41	COMPLETED
1061	UAIL/LDC/FY24/GWP/2432	PM633854	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	06-09-2023 16:14	06-09-2023 16:48	COMPLETED
1062	UAIL/LDC/FY24/GWP/2431	PM636280	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	06-09-2023 17:36	06-09-2023 17:37	COMPLETED
1063	UAIL/LDC/FY24/GWP/2430	PM633855	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	06-09-2023 16:15	06-09-2023 16:48	COMPLETED
1064	UAIL/LDC/FY24/GWP/2429	PM636279	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	06-09-2023 17:32	06-09-2023 17:37	COMPLETED
1065	UAIL/LDC/FY24/GWP/2428	PM633856	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	06-09-2023 16:13	06-09-2023 16:48	COMPLETED
1066	UAIL/LDC/FY24/GWP/2427	PM636281	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	06-09-2023 17:36	06-09-2023 17:37	COMPLETED
1067	UAIL/LDC/FY24/GWP/2425	PM633857	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	06-09-2023 15:32	06-09-2023 16:44	COMPLETED
1068	UAIL/LDC/FY24/GWP/2424	PM633858	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	06-09-2023 15:32	06-09-2023 16:44	COMPLETED
1069	UAIL/LDC/FY24/GWP/2423	W/O	inside housekeeping work	C1A HEADEND	C1A-669-002-HE,	N/R	06-09-2023 15:36	06-09-2023 17:32	COMPLETED
1071	UAIL/LDC/FY24/GWP/2421	WO716515	ROLLER REPLACEMENT AT C1B CONVEYOR.	C1B TAIL END	C1B-669-004-TE,	N/R	06-09-2023 15:36	06-09-2023 17:32	COMPLETED
1073	UAIL/LDC/FY24/GWP/2419	PM633868	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	06-09-2023 15:15	06-09-2023 16:44	COMPLETED
1074	UAIL/LDC/FY24/GWP/2418	PM633869	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	06-09-2023 15:15	06-09-2023 16:44	COMPLETED
1075	UAIL/LDC/FY24/GWP/2417	PM633870	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	06-09-2023 15:14	06-09-2023 16:43	COMPLETED
1080	UAIL/LDC/FY24/GWP/2404	PM636271	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	05-09-2023 17:05	05-09-2023 17:29	COMPLETED
1081	UAIL/LDC/FY24/GWP/2403	PM636269	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	05-09-2023 16:33	05-09-2023 17:25	COMPLETED
1082	UAIL/LDC/FY24/GWP/2402	PM636204	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	05-09-2023 16:25	05-09-2023 17:25	COMPLETED
1083	UAIL/LDC/FY24/GWP/2401	PM636283	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-HALF YEARLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	05-09-2023 16:15	05-09-2023 17:24	COMPLETED
1084	UAIL/LDC/FY24/GWP/2399	PM636231	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	05-09-2023 15:59	05-09-2023 17:25	COMPLETED

1085	UAIL/LDC/FY24/GWP/2398	PM636219	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	05-09-2023 15:59	05-09-2023 17:24	COMPLETED
1087	UAIL/LDC/FY24/GWP/2395	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	05-09-2023 15:01	05-09-2023 17:35	COMPLETED
1089	UAIL/LDC/FY24/GWP/2392	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	05-09-2023 14:28	05-09-2023 17:36	COMPLETED
1090	UAIL/LDC/FY24/GWP/2391	PM636135	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEAEND	CHT-C1A-669-002,	N/R	05-09-2023 14:28	05-09-2023 17:36	COMPLETED
1095	UAIL/LDC/FY24/GWP/2372	PM704779	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	04-09-2023 08:53	04-09-2023 09:05	COMPLETED
1096	UAIL/LDC/FY24/GWP/2371	PM704778	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	04-09-2023 08:54	04-09-2023 09:06	COMPLETED
1098	UAIL/LDC/FY24/GWP/2369	PM704801	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180°T	N/R	04-09-2023 08:54	04-09-2023 09:07	COMPLETED
1099	UAIL/LDC/FY24/GWP/2368	PM704800	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	04-09-2023 08:58	04-09-2023 09:04	COMPLETED
1100	UAIL/LDC/FY24/GWP/2367	WO712725	ROLLER REPLACEMENT AT C1B CONVEYOR.	C1B TAIL END	C1B-669-004-TE,	N/R	04-09-2023 08:12	04-09-2023 08:40	COMPLETED
1103	UAIL/LDC/FY24/GWP/2364	PM704794	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	04-09-2023 08:13	04-09-2023 08:59	COMPLETED
1104	UAIL/LDC/FY24/GWP/2363	PM704789	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	04-09-2023 09:06	04-09-2023 09:07	COMPLETED
1107	UAIL/LDC/FY24/GWP/2360	PM704785	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	02-09-2023 16:43	02-09-2023 17:55	COMPLETED
1108	UAIL/LDC/FY24/GWP/2359	PM704784	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	02-09-2023 16:44	02-09-2023 17:55	COMPLETED
1109	UAIL/LDC/FY24/GWP/2358	PM704783	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	02-09-2023 16:14	02-09-2023 16:37	COMPLETED
1110	UAIL/LDC/FY24/GWP/2357	PM704782	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	02-09-2023 16:14	02-09-2023 16:37	COMPLETED
1111	UAIL/LDC/FY24/GWP/2356	PM704780	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	02-09-2023 16:17	02-09-2023 17:55	COMPLETED
1112	UAIL/LDC/FY24/GWP/2355	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	02-09-2023 15:24	02-09-2023 17:56	COMPLETED
1113	UAIL/LDC/FY24/GWP/2354	WO712980	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/414	02-09-2023 15:11	02-09-2023 18:13	COMPLETED
1117	UAIL/LDC/FY24/GWP/2349	W/O	Deck plate fittup work	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/413	02-09-2023 14:29	02-09-2023 17:36	COMPLETED
1121	UAIL/LDC/FY24/GWP/2344	W/O	PUMP MAINTENANCE WORK.	C1A HEAD END	DFS-C1B-669-004-PP2,	N/R	01-09-2023 11:48	01-09-2023 16:49	COMPLETED
1123	UAIL/LDC/FY24/GWP/2341	PM636285	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	31-08-2023 17:05	31-08-2023 17:26	COMPLETED
1124	UAIL/LDC/FY24/GWP/2340	PM636286	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	31-08-2023 17:05	31-08-2023 17:26	COMPLETED
1125	UAIL/LDC/FY24/GWP/2339	PM636287	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	31-08-2023 16:31	31-08-2023 17:26	COMPLETED
1126	UAIL/LDC/FY24/GWP/2338	PM636288	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	31-08-2023 16:31	31-08-2023 17:26	COMPLETED
1127	UAIL/LDC/FY24/GWP/2337	PM636290	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	31-08-2023 16:31	31-08-2023 17:01	COMPLETED
1128	UAIL/LDC/FY24/GWP/2336	PM636292	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	31-08-2023 16:31	31-08-2023 17:01	COMPLETED
1131	UAIL/LDC/FY24/GWP/2332	PM636293	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	31-08-2023 15:57	31-08-2023 16:36	COMPLETED
1132	UAIL/LDC/FY24/GWP/2331	PM636294	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	31-08-2023 15:57	31-08-2023 16:36	COMPLETED
1134	UAIL/LDC/FY24/GWP/2329	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	31-08-2023 15:13	31-08-2023 17:19	COMPLETED
1136	UAIL/LDC/FY24/GWP/2321	W/O	Gas cutting work.	IMJH	N/R	UAIL/LDC/FY24/HWP/406	31-08-2023 10:11	31-08-2023 17:37	COMPLETED
1138	UAIL/LDC/FY24/GWP/2317	W/O	PIPE LINE FIT UP WORK	IMJH	N/R	UAIL/LDC/FY24/HWP/404; UAIL/LDC/FY24/WHP/328	30-08-2023 12:32	30-08-2023 14:30	COMPLETED
1139	UAIL/LDC/FY24/GWP/2314	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	30-08-2023 10:02	30-08-2023 11:50	COMPLETED
1140	UAIL/LDC/FY24/GWP/2313	W/O	FRAME FIT UP WORK.	C1A HEADEND	C1A-669-002-HE	UAIL/LDC/FY24/HWP/403	30-08-2023 10:00	30-08-2023 12:12	COMPLETED
1149	UAIL/LDC/FY24/GWP/2303	PM636256	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	29-08-2023 14:47	29-08-2023 15:43	COMPLETED
1151	UAIL/LDC/FY24/GWP/2301	PM636249	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	29-08-2023 14:48	29-08-2023 15:43	COMPLETED
1152	UAIL/LDC/FY24/GWP/2300	PM636241	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	29-08-2023 14:48	29-08-2023 15:44	COMPLETED
1153	UAIL/LDC/FY24/GWP/2299	PM636253	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	29-08-2023 14:49	29-08-2023 15:44	COMPLETED
1156	UAIL/LDC/FY24/GWP/2295	W/O	Frame fit up work.	IMJH	N/R	UAIL/LDC/FY24/HWP/401	29-08-2023 10:18	29-08-2023 16:55	COMPLETED
1158	UAIL/LDC/FY24/GWP/2292	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	28-08-2023 16:39	28-08-2023 17:32	COMPLETED
1165	UAIL/LDC/FY24/GWP/2274	PM636173	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	26-08-2023 15:35	26-08-2023 17:13	COMPLETED
1166	UAIL/LDC/FY24/GWP/2273	PM636189	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	26-08-2023 15:35	26-08-2023 17:14	COMPLETED

1167	UAIL/LDC/FY24/GWP/2272	W/O	90 DEGREE PULLEY LAGING WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90 ºL	UAIL/LDC/FY24/HWP/395; UAIL/LDC/FY24/WHP/322	26-08-2023 15:04	26-08-2023 17:20	COMPLETED
1171	UAIL/LDC/FY24/GWP/2268	W/O	DISCHARGE CHUTE WELDING WORK.	C1B TAILEND	CHT-C1A-669-002,	UAIL/LDC/FY24/HWP/394	26-08-2023 14:19	26-08-2023 17:16	COMPLETED
1185	UAIL/LDC/FY24/GWP/2245	PM636103	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-HPU,	N/R	24-08-2023 01:43	24-08-2023 03:24	COMPLETED
1187	UAIL/LDC/FY24/GWP/2243	PM636127	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1B-669-001-GB2,	N/R	23-08-2023 23:53	24-08-2023 03:23	COMPLETED
1189	UAIL/LDC/FY24/GWP/2241	PM636126	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	23-08-2023 23:54	24-08-2023 03:23	COMPLETED
1191	UAIL/LDC/FY24/GWP/2239	PM636125	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	23-08-2023 23:38	24-08-2023 03:23	COMPLETED
1192	UAIL/LDC/FY24/GWP/2238	PM636124	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-003-GB1,GB1-C1A-669-003-HSC-1	N/R	23-08-2023 23:39	24-08-2023 03:23	COMPLETED
1194	UAIL/LDC/FY24/GWP/2236	PM636115	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	23-08-2023 23:23	24-08-2023 01:33	COMPLETED
1204	UAIL/LDC/FY24/GWP/2216	W/O	DFDS NOZZLE CLEANING WORK .	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	23-08-2023 11:19	23-08-2023 13:14	COMPLETED
1205	UAIL/LDC/FY24/GWP/2215	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	23-08-2023 10:52	05-09-2023 17:42	COMPLETED
1208	UAIL/LDC/FY24/GWP/2209	W/O	Safety guard fittup work	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/386	23-08-2023 07:01	23-08-2023 13:13	COMPLETED
1217	UAIL/LDC/FY24/GWP/2189	W/O	EQUIPMENT LUBRICATION	C1A HEADEND	C1A-669-002-HE,	N/R	22-08-2023 15:03	22-08-2023 19:12	COMPLETED
1219	UAIL/LDC/FY24/GWP/2185	W/O	AREA HOUSEKEEPING C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	22-08-2023 15:03	22-08-2023 19:12	COMPLETED
1221	UAIL/LDC/FY24/GWP/2181	W/O	Hood Sheet Fit-up Work	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/385; UAIL/LDC/FY24/WHP/312	22-08-2023 14:32	22-08-2023 17:52	COMPLETED
1226	UAIL/LDC/FY24/GWP/2171	PM636144	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	21-08-2023 19:38	21-08-2023 20:53	COMPLETED
1227	UAIL/LDC/FY24/GWP/2168	WO653205	BELT NO-26284 EDGE PATCHING WORK AT C1A	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/380	21-08-2023 15:59	21-08-2023 21:48	COMPLETED
1234	UAIL/LDC/FY24/GWP/2155	PM635999	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	18-08-2023 23:06	19-08-2023 00:01	COMPLETED
1235	UAIL/LDC/FY24/GWP/2154	PM635996	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	18-08-2023 22:35	19-08-2023 00:01	COMPLETED
1238	UAIL/LDC/FY24/GWP/2150	W/O	Sheet Removal Work.	C1A HEADEND	N/R	N/R	18-08-2023 14:52	18-08-2023 17:19	COMPLETED
1239	UAIL/LDC/FY24/GWP/2148	PM636046	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	18-08-2023 12:01	18-08-2023 12:56	COMPLETED
1240	UAIL/LDC/FY24/GWP/2145	W/O	Staircase Modification Work.	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/372; UAIL/LDC/FY24/WHP/304	18-08-2023 10:50	18-08-2023 12:56	COMPLETED
1242	UAIL/LDC/FY24/GWP/2142	W/O	AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	18-08-2023 10:51	18-08-2023 12:43	COMPLETED
1244	UAIL/LDC/FY24/GWP/2136	PM636081	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	18-08-2023 08:25	18-08-2023 12:43	COMPLETED
1245	UAIL/LDC/FY24/GWP/2135	PM636080	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	18-08-2023 08:19	18-08-2023 12:43	COMPLETED
1246	UAIL/LDC/FY24/GWP/2134	PM636079	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	18-08-2023 08:06	18-08-2023 12:42	COMPLETED
1247	UAIL/LDC/FY24/GWP/2133	PM636075	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	18-08-2023 07:57	18-08-2023 12:42	COMPLETED
1248	UAIL/LDC/FY24/GWP/2132	PM636099	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	18-08-2023 07:41	18-08-2023 10:47	COMPLETED
1250	UAIL/LDC/FY24/GWP/2130	PM636067	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	18-08-2023 02:10	18-08-2023 05:03	COMPLETED
1251	UAIL/LDC/FY24/GWP/2129	PM636066	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	18-08-2023 02:10	18-08-2023 05:03	COMPLETED
1252	UAIL/LDC/FY24/GWP/2128	PM636064	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS9	N/R	18-08-2023 02:09	18-08-2023 05:03	COMPLETED
1253	UAIL/LDC/FY24/GWP/2127	PM636063	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS1	N/R	18-08-2023 02:12	18-08-2023 05:03	COMPLETED
1254	UAIL/LDC/FY24/GWP/2126	PM636062	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS2	N/R	18-08-2023 02:13	18-08-2023 05:03	COMPLETED
1255	UAIL/LDC/FY24/GWP/2124	PM636078	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	17-08-2023 16:22	17-08-2023 16:45	COMPLETED
1256	UAIL/LDC/FY24/GWP/2123	PM636077	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	17-08-2023 16:22	17-08-2023 16:45	COMPLETED
1257	UAIL/LDC/FY24/GWP/2122	PM636076	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	17-08-2023 16:23	17-08-2023 16:45	COMPLETED
1258	UAIL/LDC/FY24/GWP/2121	PM636072	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	17-08-2023 16:24	17-08-2023 16:45	COMPLETED
1259	UAIL/LDC/FY24/GWP/2120	PM636074	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	17-08-2023 15:47	17-08-2023 16:27	COMPLETED
1260	UAIL/LDC/FY24/GWP/2119	PM636073	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	17-08-2023 15:47	17-08-2023 16:27	COMPLETED
1261	UAIL/LDC/FY24/GWP/2118	PM636071	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	17-08-2023 15:47	17-08-2023 16:27	COMPLETED
1262	UAIL/LDC/FY24/GWP/2116	W/O	INSIDE BARRICADE AREA HOUSEKEEPING WORK.	C1B TAIL END	C1B-669-004-TE,	N/R	17-08-2023 15:14	17-08-2023 16:28	COMPLETED
1263	UAIL/LDC/FY24/GWP/2115	W/O	SKIRT BOARD RUBBER ADJUSTMENT WORK.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	17-08-2023 15:15	17-08-2023 16:27	COMPLETED

1265	UAIL/LDC/FY24/GWP/2112	W/O	FRAME FITTUP WORK (CUTTING & GRINGING WORK)	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/369	17-08-2023 14:33	17-08-2023 17:33	COMPLETED
1268	UAIL/LDC/FY24/GWP/2098	PM636058	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	16-08-2023 16:44	16-08-2023 17:44	COMPLETED
1269	UAIL/LDC/FY24/GWP/2097	PM636057	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	16-08-2023 16:44	16-08-2023 16:53	COMPLETED
1270	UAIL/LDC/FY24/GWP/2094	PM636055	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	16-08-2023 16:44	16-08-2023 16:52	COMPLETED
1271	UAIL/LDC/FY24/GWP/2093	PM636054	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	16-08-2023 17:01	16-08-2023 17:44	COMPLETED
1272	UAIL/LDC/FY24/GWP/2092	PM636053	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	16-08-2023 17:01	16-08-2023 17:45	COMPLETED
1273	UAIL/LDC/FY24/GWP/2091	PM636052	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	16-08-2023 17:01	16-08-2023 17:45	COMPLETED
1277	UAIL/LDC/FY24/GWP/2084	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	16-08-2023 15:25	16-08-2023 17:49	COMPLETED
1278	UAIL/LDC/FY24/GWP/2083	WO646882	SKIRT BOARD RUBBER REPLACEMENT WORK AT IMJH AREA.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	16-08-2023 15:03	16-08-2023 16:51	COMPLETED
1282	UAIL/LDC/FY24/GWP/2071	W/O	Safety guard fittup work	C1B TAILEND	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/365	15-08-2023 09:40	15-08-2023 14:07	COMPLETED
1284	UAIL/LDC/FY24/GWP/2066	PM636026	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	14-08-2023 15:32	14-08-2023 17:01	COMPLETED
1285	UAIL/LDC/FY24/GWP/2061	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	14-08-2023 15:12	14-08-2023 17:03	COMPLETED
1286	UAIL/LDC/FY24/GWP/2058	PM636022	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	14-08-2023 14:48	14-08-2023 17:01	COMPLETED
1288	UAIL/LDC/FY24/GWP/2056	PM636018	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	14-08-2023 14:47	14-08-2023 16:59	COMPLETED
1289	UAIL/LDC/FY24/GWP/2055	PM636017	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	14-08-2023 14:48	14-08-2023 16:59	COMPLETED
1292	UAIL/LDC/FY24/GWP/2043	PM635903	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPQ1	N/R	12-08-2023 16:57	12-08-2023 17:45	COMPLETED
1293	UAIL/LDC/FY24/GWP/2042	PM635904	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	12-08-2023 16:43	12-08-2023 17:46	COMPLETED
1297	UAIL/LDC/FY24/GWP/2038	PM635929	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	12-08-2023 15:47	12-08-2023 16:55	COMPLETED
1298	UAIL/LDC/FY24/GWP/2037	PM635926	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-008-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	12-08-2023 15:48	12-08-2023 18:00	COMPLETED
1299	UAIL/LDC/FY24/GWP/2036	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	12-08-2023 15:19	12-08-2023 17:45	COMPLETED
1303	UAIL/LDC/FY24/GWP/2027	W/O	Belt edge repairing	C1B Tailend	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/359	12-08-2023 14:35	12-08-2023 18:19	COMPLETED
1307	UAIL/LDC/FY24/GWP/2020	W/O	Compressor Room Chequered Plate Welding Work.	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/355	11-08-2023 12:03	11-08-2023 17:43	COMPLETED
1310	UAIL/LDC/FY24/GWP/1999	W/O	FRAME FIT UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/353	10-08-2023 14:12	10-08-2023 17:42	COMPLETED
1313	UAIL/LDC/FY24/GWP/1996	W/O	FRAME FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/349	09-08-2023 09:28	09-08-2023 17:17	COMPLETED
1314	UAIL/LDC/FY24/GWP/1984	PM633834	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	08-08-2023 16:54	08-08-2023 17:27	COMPLETED
1315	UAIL/LDC/FY24/GWP/1983	PM633848	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	08-08-2023 16:54	08-08-2023 17:27	COMPLETED
1316	UAIL/LDC/FY24/GWP/1982	PM633833	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	08-08-2023 16:54	08-08-2023 17:28	COMPLETED
1317	UAIL/LDC/FY24/GWP/1981	PM633832	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	08-08-2023 16:55	08-08-2023 17:28	COMPLETED
1318	UAIL/LDC/FY24/GWP/1980	PM633803	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-PR-001-MONTHLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-PSCR	N/R	08-08-2023 16:36	08-08-2023 17:13	COMPLETED
1319	UAIL/LDC/FY24/GWP/1979	PM633798	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	08-08-2023 16:25	08-08-2023 17:05	COMPLETED
1320	UAIL/LDC/FY24/GWP/1978	PM633804	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	08-08-2023 16:25	08-08-2023 17:05	COMPLETED
1321	UAIL/LDC/FY24/GWP/1977	PM633802	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	08-08-2023 16:25	08-08-2023 17:04	COMPLETED
1322	UAIL/LDC/FY24/GWP/1976	PM633800	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	08-08-2023 16:24	08-08-2023 17:04	COMPLETED
1323	UAIL/LDC/FY24/GWP/1975	PM633799	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	08-08-2023 16:25	08-08-2023 17:04	COMPLETED
1325	UAIL/LDC/FY24/GWP/1972	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	08-08-2023 16:54	08-08-2023 17:38	COMPLETED
1336	UAIL/LDC/FY24/GWP/1953	W/O	Safety guard maintenance work	C1b Tailend	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/348	08-08-2023 14:44	08-08-2023 17:19	COMPLETED
1343	UAIL/LDC/FY24/GWP/1928	W/O	Scrap material cutting work	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/342	06-08-2023 10:47	06-08-2023 16:56	COMPLETED
1347	UAIL/LDC/FY24/GWP/1924	W/O	scrap material cutting work	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/338	05-08-2023 10:00	05-08-2023 17:40	COMPLETED
1349	UAIL/LDC/FY24/GWP/1922	W/O	Safety Guard Maintenance Work	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/336	04-08-2023 10:08	04-08-2023 17:19	COMPLETED
1350	UAIL/LDC/FY24/GWP/1921	W/O	Chequered Plate Welding Work.	C1A HEAD END	N/R	UAIL/LDC/FY24/HWP/335	04-08-2023 09:36	04-08-2023 14:09	COMPLETED
1353	UAIL/LDC/FY24/GWP/1916	W/O	V scraper replacement work	C1b Tailend	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	02-08-2023 23:39	03-08-2023 00:02	COMPLETED

1356	UAIL/LDC/FY24/GWP/1910	W/O	GEAR BOX-3 PM WORK	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY24/WHP/281	02-08-2023 10:38	02-08-2023 13:45	COMPLETED
1358	UAIL/LDC/FY24/GWP/1905	W/O	V-SCRAPER REPLACEMENT WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	01-08-2023 17:13	01-08-2023 18:16	COMPLETED
1360	UAIL/LDC/FY24/GWP/1902	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	01-08-2023 16:58	01-08-2023 18:06	COMPLETED
1361	UAIL/LDC/FY24/GWP/1901	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	01-08-2023 16:57	01-08-2023 18:16	COMPLETED
1362	UAIL/LDC/FY24/GWP/1898	W/O	Chequered Plate Welding Work.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/331	01-08-2023 10:12	01-08-2023 17:29	COMPLETED
1364	UAIL/LDC/FY24/GWP/1896	PM490494	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	01-08-2023 02:13	01-08-2023 05:06	COMPLETED
1365	UAIL/LDC/FY24/GWP/1895	PM490492	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	01-08-2023 02:14	01-08-2023 05:06	COMPLETED
1367	UAIL/LDC/FY24/GWP/1890	PM490477	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	31-07-2023 02:14	31-07-2023 03:05	COMPLETED
1368	UAIL/LDC/FY24/GWP/1889	PM490475	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	31-07-2023 01:49	31-07-2023 03:06	COMPLETED
1380	UAIL/LDC/FY24/GWP/1870	W/O	V- SCAPER FITTUP WORK	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS1	UAIL/LDC/FY24/HWP/326	29-07-2023 10:53	29-07-2023 14:11	COMPLETED
1387	UAIL/LDC/FY24/GWP/1863	PM490461	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	29-07-2023 08:07	29-07-2023 13:10	COMPLETED
1390	UAIL/LDC/FY24/GWP/1853	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	28-07-2023 15:01	28-07-2023 18:46	COMPLETED
1395	UAIL/LDC/FY24/GWP/1846	W/O	scrapper replacement and bolt tightness checking	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	UAIL/LDC/FY24/CSE/40; UAIL/LDC/FY24/WHP/272	28-07-2023 10:39	28-07-2023 12:57	COMPLETED
1398	UAIL/LDC/FY24/GWP/1842	PM490398	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC1,	N/R	28-07-2023 01:50	28-07-2023 02:50	COMPLETED
1399	UAIL/LDC/FY24/GWP/1841	PM490397	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC2,	N/R	28-07-2023 01:50	28-07-2023 02:51	COMPLETED
1401	UAIL/LDC/FY24/GWP/1839	PM490410	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	28-07-2023 01:50	28-07-2023 02:51	COMPLETED
1403	UAIL/LDC/FY24/GWP/1833	PM490325	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	27-07-2023 15:32	27-07-2023 16:53	COMPLETED
1404	UAIL/LDC/FY24/GWP/1832	PM490324	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	27-07-2023 16:48	27-07-2023 16:53	COMPLETED
1406	UAIL/LDC/FY24/GWP/1830	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	27-07-2023 14:57	27-07-2023 16:54	COMPLETED
1409	UAIL/LDC/FY24/GWP/1824	W/O	staircase welding work	C1A drive floor	N/R	UAIL/LDC/FY24/HWP/323	27-07-2023 10:27	27-07-2023 17:51	COMPLETED
1426	UAIL/LDC/FY24/GWP/1805	PM490385	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	25-07-2023 23:32	26-07-2023 02:02	COMPLETED
1429	UAIL/LDC/FY24/GWP/1800	PM490377	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/38; UAIL/LDC/FY24/WHP/265	25-07-2023 17:28	25-07-2023 21:18	COMPLETED
1431	UAIL/LDC/FY24/GWP/1796	W/O	EARTH FLAT FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/319; UAIL/LDC/FY24/WHP/264	25-07-2023 09:58	25-07-2023 18:10	COMPLETED
1434	UAIL/LDC/FY24/GWP/1793	W/O	CHEQUER PLATE WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/317; UAIL/LDC/FY24/WHP/262	24-07-2023 10:42	24-07-2023 17:51	COMPLETED
1444	UAIL/LDC/FY24/GWP/1781	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/310; UAIL/LDC/FY24/WHP/258	22-07-2023 10:14	22-07-2023 15:33	COMPLETED
1446	UAIL/LDC/FY24/GWP/1778	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	22-07-2023 08:55	22-07-2023 13:12	COMPLETED
1450	UAIL/LDC/FY24/GWP/1774	PM490368	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	22-07-2023 07:56	22-07-2023 13:12	COMPLETED
1451	UAIL/LDC/FY24/GWP/1773	W/O	NEW IDLER REPLACEMENT	C1A HEAD END	C1A-669-002-HE,	N/R	21-07-2023 23:17	22-07-2023 00:30	COMPLETED
1456	UAIL/LDC/FY24/GWP/1763	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	21-07-2023 08:50	21-07-2023 12:46	COMPLETED
1464	UAIL/LDC/FY24/GWP/1754	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/301; UAIL/LDC/FY24/WHP/248	20-07-2023 11:21	20-07-2023 17:09	COMPLETED
1467	UAIL/LDC/FY24/GWP/1748	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	20-07-2023 08:26	20-07-2023 09:51	COMPLETED
1482	UAIL/LDC/FY24/GWP/1732	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	19-07-2023 15:33	19-07-2023 22:24	COMPLETED
1483	UAIL/LDC/FY24/GWP/1731	W/O	ROLLER REPLACEMENT	C1A HEADEND	C1A-669-002-CV5,	UAIL/LDC/FY24/WHP/244	19-07-2023 15:35	19-07-2023 22:24	COMPLETED
1484	UAIL/LDC/FY24/GWP/1727	W/O	PULLEY LAGGING REPLACEMENT WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	UAIL/LDC/FY24/HWP/297; UAIL/LDC/FY24/WHP/241	19-07-2023 13:31	19-07-2023 22:24	COMPLETED
1487	UAIL/LDC/FY24/GWP/1716	W/O	EQUIPMENT CLEANING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	19-07-2023 09:18	19-07-2023 12:00	COMPLETED
1488	UAIL/LDC/FY24/GWP/1715	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	19-07-2023 12:13	19-07-2023 13:15	COMPLETED
1495	UAIL/LDC/FY24/GWP/1703	W/O	CAPSTAN BRAKE MAINTENANCE WORK.	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	18-07-2023 07:46	18-07-2023 11:10	COMPLETED
1497	UAIL/LDC/FY24/GWP/1701	W/O	Equipment Cleaning work at C1A headend Area.	C1A HEADEND	C1A-669-002-HE,	N/R	17-07-2023 23:00	17-07-2023 23:53	COMPLETED
1498	UAIL/LDC/FY24/GWP/1700	PM490078	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	17-07-2023 20:07	17-07-2023 21:11	COMPLETED
1499	UAIL/LDC/FY24/GWP/1699	PM490076	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	17-07-2023 20:07	17-07-2023 21:11	COMPLETED
1500	UAIL/LDC/FY24/GWP/1698	PM490075	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	17-07-2023 20:08	17-07-2023 21:11	COMPLETED

1501	UAIL/LDC/FY24/GWP/1697	PM490074	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	17-07-2023 20:08	17-07-2023 21:11	COMPLETED
1502	UAIL/LDC/FY24/GWP/1696	PM490073	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	17-07-2023 20:08	17-07-2023 21:11	COMPLETED
1503	UAIL/LDC/FY24/GWP/1695	PM490071	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	17-07-2023 20:08	17-07-2023 21:11	COMPLETED
1504	UAIL/LDC/FY24/GWP/1694	PM490070	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	17-07-2023 20:08	17-07-2023 21:11	COMPLETED
1505	UAIL/LDC/FY24/GWP/1693	PM490069	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	17-07-2023 20:08	17-07-2023 21:11	COMPLETED
1506	UAIL/LDC/FY24/GWP/1692	PM490053	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	17-07-2023 20:09	17-07-2023 21:11	COMPLETED
1507	UAIL/LDC/FY24/GWP/1691	PM490052	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	17-07-2023 20:09	17-07-2023 21:11	COMPLETED
1508	UAIL/LDC/FY24/GWP/1690	PM490051	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	17-07-2023 20:09	17-07-2023 21:11	COMPLETED
1509	UAIL/LDC/FY24/GWP/1689	PM490049	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	17-07-2023 20:09	17-07-2023 21:11	COMPLETED
1510	UAIL/LDC/FY24/GWP/1688	PM490047	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	17-07-2023 20:09	17-07-2023 21:12	COMPLETED
1511	UAIL/LDC/FY24/GWP/1687	PM490044	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	17-07-2023 20:09	17-07-2023 21:12	COMPLETED
1512	UAIL/LDC/FY24/GWP/1686	PM490043	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	17-07-2023 20:09	17-07-2023 21:12	COMPLETED
1513	UAIL/LDC/FY24/GWP/1685	PM490030	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	17-07-2023 18:58	17-07-2023 20:36	COMPLETED
1514	UAIL/LDC/FY24/GWP/1684	PM490037	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	17-07-2023 18:58	17-07-2023 20:36	COMPLETED
1515	UAIL/LDC/FY24/GWP/1683	PM490036	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	17-07-2023 18:59	17-07-2023 20:36	COMPLETED
1516	UAIL/LDC/FY24/GWP/1679	PM490145	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	17-07-2023 19:00	17-07-2023 20:36	COMPLETED
1517	UAIL/LDC/FY24/GWP/1676	PM490280	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-07-2023 16:40	17-07-2023 17:05	COMPLETED
1518	UAIL/LDC/FY24/GWP/1675	PM490305	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	17-07-2023 16:20	17-07-2023 17:05	COMPLETED
1519	UAIL/LDC/FY24/GWP/1674	PM490304	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	17-07-2023 16:25	17-07-2023 20:42	COMPLETED
1520	UAIL/LDC/FY24/GWP/1669	PM490303	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	17-07-2023 15:17	17-07-2023 16:45	COMPLETED
1521	UAIL/LDC/FY24/GWP/1668	PM490302	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	17-07-2023 15:17	17-07-2023 16:46	COMPLETED
1522	UAIL/LDC/FY24/GWP/1667	PM490301	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	17-07-2023 15:19	17-07-2023 16:46	COMPLETED
1523	UAIL/LDC/FY24/GWP/1666	PM490300	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	17-07-2023 16:03	17-07-2023 16:46	COMPLETED
1524	UAIL/LDC/FY24/GWP/1665	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	17-07-2023 15:20	17-07-2023 16:47	COMPLETED
1527	UAIL/LDC/FY24/GWP/1662	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/291; UAIL/LDC/FY24/WHP/235	17-07-2023 14:42	17-07-2023 17:53	COMPLETED
1530	UAIL/LDC/FY24/GWP/1654	PM490279	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	16-07-2023 15:23	16-07-2023 17:31	COMPLETED
1531	UAIL/LDC/FY24/GWP/1653	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	16-07-2023 15:22	16-07-2023 17:31	COMPLETED
1532	UAIL/LDC/FY24/GWP/1652	PM490268	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	16-07-2023 15:29	16-07-2023 17:32	COMPLETED
1533	UAIL/LDC/FY24/GWP/1650	PM490267	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	16-07-2023 15:30	16-07-2023 17:32	COMPLETED
1535	UAIL/LDC/FY24/GWP/1648	PM490282	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	16-07-2023 15:45	16-07-2023 16:52	COMPLETED
1536	UAIL/LDC/FY24/GWP/1647	PM490283	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	16-07-2023 15:45	16-07-2023 16:52	COMPLETED
1539	UAIL/LDC/FY24/GWP/1644	PM490284	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	16-07-2023 15:49	16-07-2023 16:52	COMPLETED
1540	UAIL/LDC/FY24/GWP/1643	PM490285	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	16-07-2023 15:45	16-07-2023 16:52	COMPLETED
1541	UAIL/LDC/FY24/GWP/1642	PM490286	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	16-07-2023 15:46	16-07-2023 16:52	COMPLETED
1542	UAIL/LDC/FY24/GWP/1641	W/O	PLATFORM EXTENSION WORK AT IMJH.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/288; UAIL/LDC/FY24/WHP/232	16-07-2023 14:17	16-07-2023 17:20	COMPLETED
1545	UAIL/LDC/FY24/GWP/1635	W/O	CHEQUER PLATE WELDING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/283; UAIL/LDC/FY24/WHP/230	15-07-2023 09:39	15-07-2023 17:17	COMPLETED
1547	UAIL/LDC/FY24/GWP/1633	PM490046	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	14-07-2023 16:46	14-07-2023 17:30	COMPLETED
1548	UAIL/LDC/FY24/GWP/1632	PM490045	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	14-07-2023 16:46	14-07-2023 17:30	COMPLETED
1549	UAIL/LDC/FY24/GWP/1631	PM490042	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	14-07-2023 16:46	14-07-2023 17:30	COMPLETED
1550	UAIL/LDC/FY24/GWP/1630	PM490039	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	14-07-2023 17:37	14-07-2023 17:43	COMPLETED
1551	UAIL/LDC/FY24/GWP/1629	PM490038	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	14-07-2023 17:39	14-07-2023 17:44	COMPLETED

1553	UAIL/LDC/FY24/GWP/1627	PM490249	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	14-07-2023 16:18	14-07-2023 17:45	COMPLETED
1555	UAIL/LDC/FY24/GWP/1623	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	14-07-2023 15:34	14-07-2023 17:32	COMPLETED
1557	UAIL/LDC/FY24/GWP/1619	W/O	platform extension work	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/281; UAIL/LDC/FY24/WHP/226	14-07-2023 14:32	14-07-2023 17:29	COMPLETED
1558	UAIL/LDC/FY24/GWP/1618	W/O	CHEQUER PLATE WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/280; UAIL/LDC/FY24/WHP/225	14-07-2023 10:04	14-07-2023 17:28	COMPLETED
1560	UAIL/LDC/FY24/GWP/1615	PM490192	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	13-07-2023 17:06	13-07-2023 17:19	COMPLETED
1561	UAIL/LDC/FY24/GWP/1614	PM490191	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	13-07-2023 17:18	13-07-2023 17:19	COMPLETED
1562	UAIL/LDC/FY24/GWP/1613	PM490190	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	13-07-2023 17:18	13-07-2023 17:19	COMPLETED
1564	UAIL/LDC/FY24/GWP/1611	PM490145	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/35; UAIL/LDC/FY24/HWP/278; UAIL/LDC/FY24/WHP/223	13-07-2023 15:34	13-07-2023 17:34	COMPLETED
1566	UAIL/LDC/FY24/GWP/1609	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/222	13-07-2023 15:15	13-07-2023 17:24	COMPLETED
1568	UAIL/LDC/FY24/GWP/1605	W/O	CHEQUERED PLATE CUTTING AND SHIFTING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/277	13-07-2023 12:19	13-07-2023 14:06	COMPLETED
1570	UAIL/LDC/FY24/GWP/1601	W/O	Chequered plate replacement work	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/275; UAIL/LDC/FY24/WHP/218	13-07-2023 09:26	13-07-2023 11:36	COMPLETED
1571	UAIL/LDC/FY24/GWP/1600	PM490194	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	12-07-2023 18:23	12-07-2023 18:38	COMPLETED
1572	UAIL/LDC/FY24/GWP/1599	PM490189	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	12-07-2023 18:09	12-07-2023 18:28	COMPLETED
1573	UAIL/LDC/FY24/GWP/1598	PM490188	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	12-07-2023 18:08	12-07-2023 18:28	COMPLETED
1574	UAIL/LDC/FY24/GWP/1597	PM490193	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	12-07-2023 18:10	12-07-2023 18:27	COMPLETED
1575	UAIL/LDC/FY24/GWP/1596	PM490187	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	12-07-2023 18:09	12-07-2023 18:27	COMPLETED
1578	UAIL/LDC/FY24/GWP/1593	PM490177	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	12-07-2023 17:06	12-07-2023 17:43	COMPLETED
1579	UAIL/LDC/FY24/GWP/1592	PM490176	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	12-07-2023 17:05	12-07-2023 17:43	COMPLETED
1580	UAIL/LDC/FY24/GWP/1591	PM490174	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	12-07-2023 17:04	12-07-2023 17:33	COMPLETED
1581	UAIL/LDC/FY24/GWP/1590	PM490166	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	12-07-2023 15:55	12-07-2023 16:57	COMPLETED
1583	UAIL/LDC/FY24/GWP/1588	PM490165	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	12-07-2023 15:54	12-07-2023 16:56	COMPLETED
1584	UAIL/LDC/FY24/GWP/1587	PM490164	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	12-07-2023 15:53	12-07-2023 16:55	COMPLETED
1590	UAIL/LDC/FY24/GWP/1562	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	11-07-2023 15:09	11-07-2023 16:38	COMPLETED
1591	UAIL/LDC/FY24/GWP/1561	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/272; UAIL/LDC/FY24/WHP/215	11-07-2023 14:35	11-07-2023 16:53	COMPLETED
1593	UAIL/LDC/FY24/GWP/1559	W/O	CHEQURED PLATE CUTTING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/270	11-07-2023 10:49	11-07-2023 16:59	COMPLETED
1594	UAIL/LDC/FY24/GWP/1557	W/O	HOIST PM WORK AT C1A HEAD END.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/269; UAIL/LDC/FY24/WHP/214	11-07-2023 09:57	11-07-2023 17:00	COMPLETED
1599	UAIL/LDC/FY24/GWP/1543	PM490151	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	10-07-2023 15:14	10-07-2023 17:30	COMPLETED
1602	UAIL/LDC/FY24/GWP/1536	W/O	Drive Hoist PM work	C1A HEAD END	N/R	UAIL/LDC/FY24/WHP/208	10-07-2023 10:37	10-07-2023 16:57	COMPLETED
1607	UAIL/LDC/FY24/GWP/1521	PM490127	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-HALF YEARLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	08-07-2023 16:52	08-07-2023 17:43	COMPLETED
1608	UAIL/LDC/FY24/GWP/1520	PM490126	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	08-07-2023 16:53	08-07-2023 17:43	COMPLETED
1614	UAIL/LDC/FY24/GWP/1510	PM490128	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	08-07-2023 15:00	08-07-2023 16:28	COMPLETED
1615	UAIL/LDC/FY24/GWP/1509	PM490132	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	08-07-2023 15:01	08-07-2023 16:28	COMPLETED
1619	UAIL/LDC/FY24/GWP/1505	W/O	Platform extension work	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/257; UAIL/LDC/FY24/WHP/200	08-07-2023 10:21	08-07-2023 17:00	COMPLETED
1621	UAIL/LDC/FY24/GWP/1493	W/O	Sheet Replacement work	C1A HEADEND	N/R	UAIL/LDC/FY24/WHP/197	07-07-2023 10:15	07-07-2023 17:20	COMPLETED
1625	UAIL/LDC/FY24/GWP/1489	PM490030	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	06-07-2023 15:47	06-07-2023 17:03	COMPLETED
1626	UAIL/LDC/FY24/GWP/1488	PM490028	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	06-07-2023 15:47	06-07-2023 17:03	COMPLETED
1629	UAIL/LDC/FY24/GWP/1484	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	06-07-2023 15:48	06-07-2023 17:03	COMPLETED
1630	UAIL/LDC/FY24/GWP/1483	PM490089	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	06-07-2023 15:07	06-07-2023 17:03	COMPLETED
1632	UAIL/LDC/FY24/GWP/1480	W/O	Platform extension work	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/253; UAIL/LDC/FY24/WHP/195	06-07-2023 15:01	06-07-2023 17:12	COMPLETED
1643	UAIL/LDC/FY24/GWP/1462	WO490642	FLAT ROLLER REPLACEMENT WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/191	04-07-2023 14:44	04-07-2023 17:23	COMPLETED
1644	UAIL/LDC/FY24/GWP/1461	WO490635	IMPACT ROLLER REPLACEMENT WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	04-07-2023 14:44	04-07-2023 17:23	COMPLETED

1645	UAIL/LDC/FY24/GWP/1460	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/248; UAIL/LDC/FY24/WHP/189	04-07-2023 15:07	04-07-2023 17:29	COMPLETED
1646	UAIL/LDC/FY24/GWP/1458	W/O	SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/247; UAIL/LDC/FY24/WHP/188	04-07-2023 10:24	04-07-2023 17:29	COMPLETED
1650	UAIL/LDC/FY24/GWP/1452	W/O	EQUIPMENT CLEANING	C1B TAIL END	C1B-669-004-TE,	N/R	03-07-2023 15:08	03-07-2023 17:40	COMPLETED
1651	UAIL/LDC/FY24/GWP/1451	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/244; UAIL/LDC/FY24/WHP/184	03-07-2023 15:37	03-07-2023 17:18	COMPLETED
1652	UAIL/LDC/FY24/GWP/1450	W/O	AREA HOUSE KEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	03-07-2023 15:13	03-07-2023 17:42	COMPLETED
1653	UAIL/LDC/FY24/GWP/1449	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	03-07-2023 15:09	03-07-2023 17:43	COMPLETED
1655	UAIL/LDC/FY24/GWP/1446	WO486364	ROLLER REPLACEMENT WORK AT C1B CONVEYOR.	c1b tailend	C1B-669-004-TE,	N/R	03-07-2023 14:48	03-07-2023 15:33	COMPLETED
1659	UAIL/LDC/FY24/GWP/1442	W/O	CHEQURED PLATE WELDING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/241; UAIL/LDC/FY24/WHP/182	02-07-2023 10:12	02-07-2023 17:30	COMPLETED
1664	UAIL/LDC/FY24/GWP/1437	WO477997	C1A BELT NO-26224-26262 JOINT WORK AT IMJH.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/238	30-06-2023 22:54	01-07-2023 07:53	COMPLETED
1665	UAIL/LDC/FY24/GWP/1436	WO477893	FOR T1 BEND PULLEY LAGGING WORK AT IJH	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	UAIL/LDC/FY24/HWP/237	30-06-2023 22:55	01-07-2023 07:53	COMPLETED
1666	UAIL/LDC/FY24/GWP/1435	PM447169	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	30-06-2023 17:50	30-06-2023 19:23	COMPLETED
1667	UAIL/LDC/FY24/GWP/1434	PM447167	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	30-06-2023 17:54	30-06-2023 19:24	COMPLETED
1668	UAIL/LDC/FY24/GWP/1433	PM447166	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	30-06-2023 17:55	30-06-2023 19:24	COMPLETED
1669	UAIL/LDC/FY24/GWP/1432	PM447163	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	30-06-2023 17:56	30-06-2023 19:24	COMPLETED
1670	UAIL/LDC/FY24/GWP/1431	PM447160	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-EL-HO-2L-001-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY4	N/R	30-06-2023 17:56	30-06-2023 19:24	COMPLETED
1673	UAIL/LDC/FY24/GWP/1424	PM447170	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	30-06-2023 12:42	30-06-2023 13:06	COMPLETED
1674	UAIL/LDC/FY24/GWP/1423	PM447162	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	30-06-2023 12:42	30-06-2023 13:06	COMPLETED
1675	UAIL/LDC/FY24/GWP/1421	PM447159	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	30-06-2023 11:48	30-06-2023 12:23	COMPLETED
1676	UAIL/LDC/FY24/GWP/1420	PM447158	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	30-06-2023 11:48	30-06-2023 12:23	COMPLETED
1677	UAIL/LDC/FY24/GWP/1418	PM447147	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	30-06-2023 11:48	30-06-2023 12:23	COMPLETED
1681	UAIL/LDC/FY24/GWP/1410	W/O	INSIDE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	30-06-2023 08:34	30-06-2023 13:29	COMPLETED
1682	UAIL/LDC/FY24/GWP/1409	W/O	INSIDE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	30-06-2023 08:23	30-06-2023 13:29	COMPLETED
1684	UAIL/LDC/FY24/GWP/1407	WO477997	C1A BELT NO-26224-26262 JOINT WORK AT IMJH.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/236; UAIL/LDC/FY24/WHP/176	30-06-2023 07:48	30-06-2023 21:47	COMPLETED
1685	UAIL/LDC/FY24/GWP/1406	WO477893	FOR T1 BEND PULLEY LAGGING WORK AT IJH	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	UAIL/LDC/FY24/HWP/235; UAIL/LDC/FY24/WHP/175	30-06-2023 07:23	30-06-2023 21:47	COMPLETED
1691	UAIL/LDC/FY24/GWP/1400	W/O	GEAR BOX -3 BOLT TIGHTNESS CHECKING WORK.	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	28-06-2023 15:52	28-06-2023 17:08	COMPLETED
1692	UAIL/LDC/FY24/GWP/1397	PM447119	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	28-06-2023 15:17	28-06-2023 17:15	COMPLETED
1694	UAIL/LDC/FY24/GWP/1395	WO473738	SKIRT GUARD RUBBER REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	28-06-2023 14:52	28-06-2023 17:16	COMPLETED
1697	UAIL/LDC/FY24/GWP/1392	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	28-06-2023 14:43	28-06-2023 17:16	COMPLETED
1699	UAIL/LDC/FY24/GWP/1390	PM447026	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	27-06-2023 17:11	27-06-2023 17:40	COMPLETED
1700	UAIL/LDC/FY24/GWP/1389	PM447108	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	27-06-2023 16:48	27-06-2023 17:42	COMPLETED
1701	UAIL/LDC/FY24/GWP/1388	PM447088	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	27-06-2023 17:00	27-06-2023 17:43	COMPLETED
1703	UAIL/LDC/FY24/GWP/1385	W/O	CARRY FRAME WELDING WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/233	27-06-2023 15:28	27-06-2023 17:20	COMPLETED
1704	UAIL/LDC/FY24/GWP/1384	W/O	CLEANING OF GEAR BOX COOLING FAN.	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	27-06-2023 15:14	27-06-2023 17:19	COMPLETED
1705	UAIL/LDC/FY24/GWP/1382	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	27-06-2023 15:02	27-06-2023 16:53	COMPLETED
1707	UAIL/LDC/FY24/GWP/1380	PM447127	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/33; UAIL/LDC/FY24/WHP/173	27-06-2023 14:53	27-06-2023 16:50	COMPLETED
1709	UAIL/LDC/FY24/GWP/1377	W/O	CHEQUER PLATE LAYING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/231; UAIL/LDC/FY24/WHP/172	27-06-2023 14:22	27-06-2023 17:32	COMPLETED
1719	UAIL/LDC/FY24/GWP/1367	PM447098	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-004-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP4,	N/R	26-06-2023 16:38	26-06-2023 18:07	COMPLETED
1720	UAIL/LDC/FY24/GWP/1366	PM447097	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-003-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP3,	N/R	26-06-2023 16:32	26-06-2023 18:07	COMPLETED
1721	UAIL/LDC/FY24/GWP/1365	PM447096	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-002-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP2,	N/R	26-06-2023 16:23	26-06-2023 18:07	COMPLETED
1722	UAIL/LDC/FY24/GWP/1364	PM447095	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-001-QUARTERLY	C1B TAIL END	DFS-C1B-669-004-PP1,	N/R	26-06-2023 16:16	26-06-2023 18:07	COMPLETED
1723	UAIL/LDC/FY24/GWP/1363	W/O	INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	24-06-2023 08:35	24-06-2023 09:19	COMPLETED

1724	UAIL/LDC/FY24/GWP/1362	W/O	DISCHARGE CHUTE CLEANING WORK	C1A HEADEND	CHT-C1A-669-002,	N/R	24-06-2023 08:21	24-06-2023 09:18	COMPLETED
1726	UAIL/LDC/FY24/GWP/1360	PM447087	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	24-06-2023 08:05	24-06-2023 09:18	COMPLETED
1734	UAIL/LDC/FY24/GWP/1352	W/O	AREA HOUSEKEEPING WORK AT C1A H.E AREA	C1A HEADEND	C1A-669-002-HE,	N/R	23-06-2023 15:12	23-06-2023 16:30	COMPLETED
1735	UAIL/LDC/FY24/GWP/1351	W/O	SKIRT RUBBER REPLACEMENT WORK AT C1B T.E AREA	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	23-06-2023 15:02	23-06-2023 17:41	COMPLETED
1737	UAIL/LDC/FY24/GWP/1349	PM447082	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	23-06-2023 14:52	23-06-2023 17:41	COMPLETED
1738	UAIL/LDC/FY24/GWP/1348	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/229; UAIL/LDC/FY24/WHP/168	23-06-2023 14:54	23-06-2023 17:15	COMPLETED
1742	UAIL/LDC/FY24/GWP/1344	W/O	AREA HOUSEKEEPING WORK AT C1B T.E AREA	C1B TAIL END	C1B-669-004-TE,	N/R	22-06-2023 17:13	22-06-2023 17:45	COMPLETED
1743	UAIL/LDC/FY24/GWP/1343	W/O	AREA HOUSEKEEPING WORK AT C1A H.E AREA	C1A HEADEND	C1A-669-002-HE,	N/R	22-06-2023 17:03	22-06-2023 17:42	COMPLETED
1744	UAIL/LDC/FY24/GWP/1342	PM447078	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	22-06-2023 16:56	22-06-2023 17:42	COMPLETED
1745	UAIL/LDC/FY24/GWP/1341	PM447071	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	22-06-2023 16:45	22-06-2023 17:39	COMPLETED
1747	UAIL/LDC/FY24/GWP/1338	W/O	PLATFORM EXTENSION WORK AT IMJH.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/224; UAIL/LDC/FY24/WHP/164	22-06-2023 15:16	22-06-2023 17:33	COMPLETED
1749	UAIL/LDC/FY24/GWP/1335	W/O	GAS CUTTING WORK.(MATERIAL CUTTING)	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/223	22-06-2023 08:24	22-06-2023 17:56	COMPLETED
1751	UAIL/LDC/FY24/GWP/1333	PM447063	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	21-06-2023 15:49	21-06-2023 18:01	COMPLETED
1754	UAIL/LDC/FY24/GWP/1330	W/O	CHUTE OUTSIDE WELDING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/222	21-06-2023 15:28	21-06-2023 18:01	COMPLETED
1755	UAIL/LDC/FY24/GWP/1329	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	21-06-2023 15:33	21-06-2023 18:02	COMPLETED
1761	UAIL/LDC/FY24/GWP/1319	W/O	EQUIPMENT LUBRICATION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/159	20-06-2023 11:12	20-06-2023 12:44	COMPLETED
1765	UAIL/LDC/FY24/GWP/1313	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/219; UAIL/LDC/FY24/WHP/158	20-06-2023 07:43	20-06-2023 12:43	COMPLETED
1766	UAIL/LDC/FY24/GWP/1312	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	19-06-2023 15:27	19-06-2023 17:50	COMPLETED
1767	UAIL/LDC/FY24/GWP/1310	PM447048	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	19-06-2023 15:13	19-06-2023 17:50	COMPLETED
1768	UAIL/LDC/FY24/GWP/1309	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE	N/R	19-06-2023 15:01	19-06-2023 17:50	COMPLETED
1771	UAIL/LDC/FY24/GWP/1305	PM447044	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	19-06-2023 14:45	19-06-2023 17:50	COMPLETED
1772	UAIL/LDC/FY24/GWP/1304	PM447053	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-002-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS8	N/R	19-06-2023 14:54	19-06-2023 17:48	COMPLETED
1773	UAIL/LDC/FY24/GWP/1303	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/218; UAIL/LDC/FY24/WHP/157	19-06-2023 14:25	19-06-2023 17:03	COMPLETED
1776	UAIL/LDC/FY24/GWP/1299	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	18-06-2023 15:12	18-06-2023 17:25	COMPLETED
1778	UAIL/LDC/FY24/GWP/1297	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	18-06-2023 14:54	18-06-2023 17:25	COMPLETED
1781	UAIL/LDC/FY24/GWP/1293	W/O	EQUIPMENT LUBRICATION	C1A HEADEND	C1A-669-002-HE,	N/R	18-06-2023 14:43	18-06-2023 17:26	COMPLETED
1785	UAIL/LDC/FY24/GWP/1289	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/215; UAIL/LDC/FY24/WHP/156	18-06-2023 14:19	18-06-2023 17:23	COMPLETED
1788	UAIL/LDC/FY24/GWP/1285	PM447024	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-06-2023 15:57	17-06-2023 17:44	COMPLETED
1789	UAIL/LDC/FY24/GWP/1284	PM447026	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R		17-06-2023 17:30	COMPLETED
1790	UAIL/LDC/FY24/GWP/1283	PM447023	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	17-06-2023 15:46	17-06-2023 16:14	COMPLETED
1791	UAIL/LDC/FY24/GWP/1282	PM447022	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	17-06-2023 15:37	17-06-2023 17:50	COMPLETED
1793	UAIL/LDC/FY24/GWP/1280	PM447025	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	17-06-2023 15:24	17-06-2023 17:50	COMPLETED
1794	UAIL/LDC/FY24/GWP/1279	PM447021	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	17-06-2023 15:11	17-06-2023 17:50	COMPLETED
1796	UAIL/LDC/FY24/GWP/1277	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	17-06-2023 14:58	17-06-2023 17:52	COMPLETED
1797	UAIL/LDC/FY24/GWP/1276	PM447018	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1A HEADEND	C1A-669-002-HE,	N/R	17-06-2023 14:52	17-06-2023 17:51	COMPLETED
1798	UAIL/LDC/FY24/GWP/1275	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/211; UAIL/LDC/FY24/WHP/153	17-06-2023 14:54	17-06-2023 17:12	COMPLETED
1801	UAIL/LDC/FY24/GWP/1270	PM447012	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	16-06-2023 16:50	16-06-2023 17:30	COMPLETED
1803	UAIL/LDC/FY24/GWP/1268	PM447008	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	16-06-2023 16:06	16-06-2023 17:26	COMPLETED
1804	UAIL/LDC/FY24/GWP/1267	PM446967	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	16-06-2023 15:49	16-06-2023 17:24	COMPLETED
1807	UAIL/LDC/FY24/GWP/1264	PM446990	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	16-06-2023 15:13	16-06-2023 17:38	COMPLETED
1808	UAIL/LDC/FY24/GWP/1263	PM446989	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	16-06-2023 15:07	16-06-2023 17:36	COMPLETED

1809	UAIL/LDC/FY24/GWP/1262	PM447009	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	16-06-2023 16:36	16-06-2023 17:14	COMPLETED
1811	UAIL/LDC/FY24/GWP/1260	PM447011	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	16-06-2023 14:55	16-06-2023 16:56	COMPLETED
1812	UAIL/LDC/FY24/GWP/1259	PM446986	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	16-06-2023 14:59	16-06-2023 17:33	COMPLETED
1813	UAIL/LDC/FY24/GWP/1258	PM447010	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	16-06-2023 14:50	16-06-2023 16:56	COMPLETED
1815	UAIL/LDC/FY24/GWP/1256	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	16-06-2023 14:45	16-06-2023 17:33	COMPLETED
1816	UAIL/LDC/FY24/GWP/1255	PM447007	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	16-06-2023 14:42	16-06-2023 16:55	COMPLETED
1817	UAIL/LDC/FY24/GWP/1254	PM447005	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	16-06-2023 14:36	16-06-2023 16:34	COMPLETED
1818	UAIL/LDC/FY24/GWP/1252	W/O	CHEQUER PLATE LAYING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/208; UAIL/LDC/FY24/WHP/152	16-06-2023 14:21	16-06-2023 17:47	COMPLETED
1824	UAIL/LDC/FY24/GWP/1246	W/O	ROLLER REPLACEMENT WORK AT C1A CV-7 AREA.	C1A HEADEND	C1A-669-002-CV7,	UAIL/LDC/FY24/WHP/151	15-06-2023 15:27	15-06-2023 16:38	COMPLETED
1825	UAIL/LDC/FY24/GWP/1245	PM446995	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	15-06-2023 15:21	15-06-2023 17:11	COMPLETED
1826	UAIL/LDC/FY24/GWP/1244	PM446971	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	15-06-2023 15:15	15-06-2023 17:11	COMPLETED
1827	UAIL/LDC/FY24/GWP/1243	PM446991	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	15-06-2023 15:06	15-06-2023 17:11	COMPLETED
1828	UAIL/LDC/FY24/GWP/1241	W/O	HANDRAILING FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/205	15-06-2023 09:20	16-06-2023 12:51	COMPLETED
1830	UAIL/LDC/FY24/GWP/1238	W/O	DFDS NOZZLE CLEANING WORK AT C1B TAIL END AREA.	C1A HEADEND	N/R	N/R	14-06-2023 15:12	14-06-2023 17:48	COMPLETED
1831	UAIL/LDC/FY24/GWP/1236	W/O	INSIDE BARRICADE HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	14-06-2023 15:10	14-06-2023 17:48	COMPLETED
1837	UAIL/LDC/FY24/GWP/1226	WO453283	SKIRT GUARD RUBBER REPLACEMENT WORK AT C1B TAIL END.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	13-06-2023 15:03	13-06-2023 17:52	COMPLETED
1838	UAIL/LDC/FY24/GWP/1225	W/O	BOLT TIGHTNESS CHECKING WORK.	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	13-06-2023 14:49	13-06-2023 17:53	COMPLETED
1840	UAIL/LDC/FY24/GWP/1223	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	13-06-2023 14:40	13-06-2023 17:53	COMPLETED
1845	UAIL/LDC/FY24/GWP/1217	W/O	INSIDE AREA HOUSE KEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	12-06-2023 14:50	12-06-2023 17:43	COMPLETED
1846	UAIL/LDC/FY24/GWP/1215	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE	N/R	12-06-2023 14:51	12-06-2023 17:41	COMPLETED
1847	UAIL/LDC/FY24/GWP/1213	W/O	SCRAPER ADJUSTMENT	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-VSCR1	N/R	12-06-2023 14:51	12-06-2023 17:41	COMPLETED
1852	UAIL/LDC/FY24/GWP/1200	W/O	STAIRCASE MODOFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/197; UAIL/LDC/FY24/WHP/142	12-06-2023 09:10	12-06-2023 17:25	COMPLETED
1853	UAIL/LDC/FY24/GWP/1195	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-06-2023 15:18	11-06-2023 17:26	COMPLETED
1854	UAIL/LDC/FY24/GWP/1194	W/O	INSIDE BARRICADE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	11-06-2023 15:11	11-06-2023 17:26	COMPLETED
1856	UAIL/LDC/FY24/GWP/1192	WO452916	CSK NUT & BOLTS REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/32; UAIL/LDC/FY24/HWP/196; UAIL/LDC/FY24/WHP/141	11-06-2023 15:00	11-06-2023 17:26	COMPLETED
1858	UAIL/LDC/FY24/GWP/1190	W/O	STAIRCASE MODIFICATION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/194; UAIL/LDC/FY24/WHP/140	11-06-2023 09:42	11-06-2023 17:19	COMPLETED
1859	UAIL/LDC/FY24/GWP/1189	W/O	AREA HOUSEKEEPING WORK AT C1B T.E. AREA	C1B TAIL END	C1B-669-004-TE,	N/R	10-06-2023 15:18	10-06-2023 17:22	COMPLETED
1860	UAIL/LDC/FY24/GWP/1188	W/O	AREA HOUSEKEEPING WORK AT C1A H.E AREA	C1A HEADEND	C1A-669-002-HE,	N/R	10-06-2023 15:08	10-06-2023 17:23	COMPLETED
1861	UAIL/LDC/FY24/GWP/1187	PM446926	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	10-06-2023 15:01	10-06-2023 17:22	COMPLETED
1864	UAIL/LDC/FY24/GWP/1184	WO451916	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/139	10-06-2023 14:43	10-06-2023 17:21	COMPLETED
1870	UAIL/LDC/FY24/GWP/1173	PM446905	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	09-06-2023 15:55	09-06-2023 18:02	COMPLETED
1872	UAIL/LDC/FY24/GWP/1171	PM446913	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	09-06-2023 15:55	09-06-2023 18:02	COMPLETED
1875	UAIL/LDC/FY24/GWP/1168	W/O	INSIDE BARRICADE AREA HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	09-06-2023 15:31	09-06-2023 18:02	COMPLETED
1876	UAIL/LDC/FY24/GWP/1167	WO451678	C1A HEADEND HEAD PULLEY PM WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	UAIL/LDC/FY24/WHP/137	09-06-2023 15:17	09-06-2023 18:02	COMPLETED
1883	UAIL/LDC/FY24/GWP/1151	W/O	AREA HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	08-06-2023 15:09	08-06-2023 17:54	COMPLETED
1886	UAIL/LDC/FY24/GWP/1148	W/O	AREA HOUSEKEEPING WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	08-06-2023 15:00	08-06-2023 16:25	COMPLETED
1887	UAIL/LDC/FY24/GWP/1147	PM446894	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	08-06-2023 14:49	08-06-2023 16:39	COMPLETED
1894	UAIL/LDC/FY24/GWP/1133	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	07-06-2023 15:25	07-06-2023 17:44	COMPLETED
1896	UAIL/LDC/FY24/GWP/1131	PM446874	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	07-06-2023 15:10	07-06-2023 17:44	COMPLETED
1897	UAIL/LDC/FY24/GWP/1130	WO450321	T/O 45 DEG.PULLEY PM WORK AT C1B TAIL END	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-45º	N/R	07-06-2023 14:51	07-06-2023 17:44	COMPLETED
1902	UAIL/LDC/FY24/GWP/1117	PM446855	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	06-06-2023 15:39	06-06-2023 18:04	COMPLETED

1903	UAIL/LDC/FY24/GWP/1116	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	06-06-2023 15:27	06-06-2023 18:05	COMPLETED
1904	UAIL/LDC/FY24/GWP/1115	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	06-06-2023 15:10	06-06-2023 18:06	COMPLETED
1906	UAIL/LDC/FY24/GWP/1113	W/O	C1B BELT EDGE PATCHING	C1B TAIL END	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/186	06-06-2023 14:41	06-06-2023 18:20	COMPLETED
1911	UAIL/LDC/FY24/GWP/1108	PM446832	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	05-06-2023 16:18	05-06-2023 17:29	COMPLETED
1912	UAIL/LDC/FY24/GWP/1107	PM446831	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	05-06-2023 16:18	05-06-2023 17:29	COMPLETED
1913	UAIL/LDC/FY24/GWP/1106	PM446817	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	05-06-2023 16:18	05-06-2023 17:29	COMPLETED
1914	UAIL/LDC/FY24/GWP/1105	PM446816	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	05-06-2023 16:18	05-06-2023 17:29	COMPLETED
1915	UAIL/LDC/FY24/GWP/1104	PM446815	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	05-06-2023 16:19	05-06-2023 17:29	COMPLETED
1916	UAIL/LDC/FY24/GWP/1103	PM446813	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	05-06-2023 16:19	05-06-2023 17:30	COMPLETED
1917	UAIL/LDC/FY24/GWP/1102	PM446811	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	05-06-2023 16:19	05-06-2023 17:30	COMPLETED
1918	UAIL/LDC/FY24/GWP/1101	PM446810	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	05-06-2023 16:19	05-06-2023 17:30	COMPLETED
1919	UAIL/LDC/FY24/GWP/1100	PM446810	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	05-06-2023 16:19	05-06-2023 17:30	COMPLETED
1920	UAIL/LDC/FY24/GWP/1099	PM446809	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	05-06-2023 16:19	05-06-2023 17:30	COMPLETED
1921	UAIL/LDC/FY24/GWP/1098	PM446800	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	05-06-2023 16:19	05-06-2023 17:30	COMPLETED
1922	UAIL/LDC/FY24/GWP/1097	PM446849	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	05-06-2023 15:16	05-06-2023 17:30	COMPLETED
1923	UAIL/LDC/FY24/GWP/1096	W/O	cpastan brake cleaning	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	05-06-2023 15:16	05-06-2023 17:27	COMPLETED
1927	UAIL/LDC/FY24/GWP/1092	WO449324	C1A ROLLERE REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV7,	UAIL/LDC/FY24/WHP/132	05-06-2023 14:57	05-06-2023 17:30	COMPLETED
1931	UAIL/LDC/FY24/GWP/1088	PM446803	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	04-06-2023 17:00	04-06-2023 17:53	COMPLETED
1932	UAIL/LDC/FY24/GWP/1087	PM446802	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	04-06-2023 17:01	04-06-2023 17:53	COMPLETED
1933	UAIL/LDC/FY24/GWP/1086	PM446801	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	04-06-2023 17:01	04-06-2023 17:53	COMPLETED
1934	UAIL/LDC/FY24/GWP/1085	PM446797	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	04-06-2023 17:01	04-06-2023 17:53	COMPLETED
1935	UAIL/LDC/FY24/GWP/1084	PM446795	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	04-06-2023 17:01	04-06-2023 17:53	COMPLETED
1936	UAIL/LDC/FY24/GWP/1083	PM446841	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	04-06-2023 15:50	04-06-2023 16:56	COMPLETED
1937	UAIL/LDC/FY24/GWP/1082	PM446840	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	04-06-2023 15:51	04-06-2023 16:56	COMPLETED
1938	UAIL/LDC/FY24/GWP/1081	PM446839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	04-06-2023 15:51	04-06-2023 16:56	COMPLETED
1939	UAIL/LDC/FY24/GWP/1080	PM446838	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	04-06-2023 15:51	04-06-2023 16:57	COMPLETED
1940	UAIL/LDC/FY24/GWP/1079	PM446834	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	04-06-2023 15:51	04-06-2023 16:57	COMPLETED
1941	UAIL/LDC/FY24/GWP/1078	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	04-06-2023 15:07	04-06-2023 17:58	COMPLETED
1946	UAIL/LDC/FY24/GWP/1071	WO449178	CSK NUT BOLT REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/30; UAIL/LDC/FY24/WHP/131	04-06-2023 14:41	04-06-2023 17:58	COMPLETED
1948	UAIL/LDC/FY24/GWP/1069	W/O	POST FIT UP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/183; UAIL/LDC/FY24/WHP/129	04-06-2023 14:25	04-06-2023 17:05	COMPLETED
1949	UAIL/LDC/FY24/GWP/1068	WO449176	C1A BELT EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/182	04-06-2023 14:10	04-06-2023 18:18	COMPLETED
1957	UAIL/LDC/FY24/GWP/1060	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	03-06-2023 15:16	03-06-2023 18:54	COMPLETED
1958	UAIL/LDC/FY24/GWP/1059	W/O	POST FITUP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/179	03-06-2023 15:06	03-06-2023 18:54	COMPLETED
1963	UAIL/LDC/FY24/GWP/1052	W/O	PIPE LINE FIT UP WORK,WELDING & CUTTING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/176; UAIL/LDC/FY24/WHP/124	03-06-2023 09:13	03-06-2023 14:50	COMPLETED
1966	UAIL/LDC/FY24/GWP/1049	W/O	PIPELINE FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/173; UAIL/LDC/FY24/WHP/123	02-06-2023 09:30	02-06-2023 17:57	COMPLETED
1969	UAIL/LDC/FY24/GWP/1046	PM408162	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	01-06-2023 23:00	02-06-2023 00:00	COMPLETED
1970	UAIL/LDC/FY24/GWP/1045	W/O	equipment lubrication	C1A HEADEND	C1A-669-002-HE,	N/R	01-06-2023 22:51	02-06-2023 00:14	COMPLETED
1971	UAIL/LDC/FY24/GWP/1044	W/O	cleaning and oil replacement of receprocating compressor	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	01-06-2023 22:51	02-06-2023 00:14	COMPLETED
1972	UAIL/LDC/FY24/GWP/1043	PM408609	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	01-06-2023 22:54	02-06-2023 00:00	COMPLETED
1973	UAIL/LDC/FY24/GWP/1042	PM408157	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	01-06-2023 17:50	01-06-2023 17:51	COMPLETED
1974	UAIL/LDC/FY24/GWP/1041	PM408156	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	01-06-2023 17:58	01-06-2023 18:18	COMPLETED

1975	UAIL/LDC/FY24/GWP/1040	PM408155	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	01-06-2023 17:59	01-06-2023 18:18	COMPLETED
1976	UAIL/LDC/FY24/GWP/1039	PM408149	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	01-06-2023 18:17	01-06-2023 18:19	COMPLETED
1977	UAIL/LDC/FY24/GWP/1038	PM408148	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	01-06-2023 18:33	01-06-2023 18:35	COMPLETED
1978	UAIL/LDC/FY24/GWP/1037	PM408147	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	01-06-2023 18:33	01-06-2023 18:35	COMPLETED
1979	UAIL/LDC/FY24/GWP/1036	PM408146	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	01-06-2023 18:34	01-06-2023 18:36	COMPLETED
1980	UAIL/LDC/FY24/GWP/1035	PM408145	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-005-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY4	N/R	01-06-2023 18:34	01-06-2023 18:36	COMPLETED
1981	UAIL/LDC/FY24/GWP/1034	PM408144	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	01-06-2023 15:05	01-06-2023 17:47	COMPLETED
1983	UAIL/LDC/FY24/GWP/1032	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	01-06-2023 11:10	01-06-2023 21:27	COMPLETED
1984	UAIL/LDC/FY24/GWP/1031	W/O	PLATFORM EXTENSION WORK AT C1A TROLLEY SECTION AREA.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/172; UAIL/LDC/FY24/WHP/121	01-06-2023 10:29	01-06-2023 18:20	COMPLETED
1987	UAIL/LDC/FY24/GWP/1026	W/O	C1A CONVEYOR BELT NO-26284 EDGE PATCHING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/171	01-06-2023 09:34	01-06-2023 21:27	COMPLETED
1990	UAIL/LDC/FY24/GWP/1023	W/O	PIPE LINE FIRT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/170	01-06-2023 09:13	01-06-2023 17:59	COMPLETED
1992	UAIL/LDC/FY24/GWP/1021	PM408647	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	31-05-2023 11:22	31-05-2023 12:55	COMPLETED
1993	UAIL/LDC/FY24/GWP/1020	PM408657	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	31-05-2023 11:22	31-05-2023 12:55	COMPLETED
1994	UAIL/LDC/FY24/GWP/1019	PM408652	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	31-05-2023 11:22	31-05-2023 12:55	COMPLETED
1995	UAIL/LDC/FY24/GWP/1018	PM408648	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	31-05-2023 11:22	31-05-2023 12:55	COMPLETED
1996	UAIL/LDC/FY24/GWP/1017	PM408643	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	31-05-2023 11:22	31-05-2023 12:55	COMPLETED
2005	UAIL/LDC/FY24/GWP/1007	PM408649	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/27; UAIL/LDC/FY24/WHP/119	31-05-2023 09:56	31-05-2023 12:56	COMPLETED
2009	UAIL/LDC/FY24/GWP/1003	W/O	AREA HOUSEKEEPING C1B TAILEND	C1B TAIL END	C1B-669-004-TE,	N/R	31-05-2023 09:29	31-05-2023 12:56	COMPLETED
2011	UAIL/LDC/FY24/GWP/1001	W/O	AREA HOUSEKEEPING C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	31-05-2023 09:29	31-05-2023 12:56	COMPLETED
2013	UAIL/LDC/FY24/GWP/999	PM371914	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	30-05-2023 17:50	30-05-2023 17:57	COMPLETED
2014	UAIL/LDC/FY24/GWP/998	PM371907	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	30-05-2023 17:42	30-05-2023 18:14	COMPLETED
2018	UAIL/LDC/FY24/GWP/994	PM408633	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	30-05-2023 16:22	30-05-2023 17:30	COMPLETED
2019	UAIL/LDC/FY24/GWP/993	PM408622	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	GT-C1A-669-002-WNCH,WNCH-C1A-669-002-G	N/R	30-05-2023 15:52	30-05-2023 17:25	COMPLETED
2021	UAIL/LDC/FY24/GWP/991	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	30-05-2023 15:33	30-05-2023 17:25	COMPLETED
2022	UAIL/LDC/FY24/GWP/990	WO430580	C1B CONVEYOR BELT EDGE PATCHING WORK.	C1B TAIL END	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/167	30-05-2023 15:21	30-05-2023 17:59	COMPLETED
2023	UAIL/LDC/FY24/GWP/988	W/O	PIPE LINE FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/166	30-05-2023 09:19	30-05-2023 17:26	COMPLETED
2025	UAIL/LDC/FY24/GWP/984	PM408608	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	29-05-2023 17:34	29-05-2023 18:12	COMPLETED
2026	UAIL/LDC/FY24/GWP/983	PM408164	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	29-05-2023 17:20	29-05-2023 18:12	COMPLETED
2027	UAIL/LDC/FY24/GWP/982	PM408163	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	29-05-2023 17:07	29-05-2023 18:12	COMPLETED
2028	UAIL/LDC/FY24/GWP/981	PM408551	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	29-05-2023 16:39	29-05-2023 18:00	COMPLETED
2032	UAIL/LDC/FY24/GWP/977	PM408606	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	C1A-669-002-HE,	N/R	29-05-2023 15:24	29-05-2023 18:00	COMPLETED
2033	UAIL/LDC/FY24/GWP/975	WO430392	LINER PLATE INSPECTION WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/26; UAIL/LDC/FY24/WHP/114	29-05-2023 15:16	29-05-2023 18:00	COMPLETED
2034	UAIL/LDC/FY24/GWP/974	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	29-05-2023 14:58	29-05-2023 18:01	COMPLETED
2036	UAIL/LDC/FY24/GWP/972	WO430387	BELT NO-26284 EDGE PATCHING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/164	29-05-2023 14:25	29-05-2023 18:29	COMPLETED
2038	UAIL/LDC/FY24/GWP/970	W/O	PIPE LINE FIT-UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/162; UAIL/LDC/FY24/WHP/113	29-05-2023 09:43	29-05-2023 17:49	COMPLETED
2039	UAIL/LDC/FY24/GWP/969	W/O	DEFLECTOR LINER PLATE REPLACEM,ENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/25; UAIL/LDC/FY24/WHP/112	28-05-2023 16:58	28-05-2023 19:17	COMPLETED
2042	UAIL/LDC/FY24/GWP/964	W/O	C1A BELT NO- 26203 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/161	28-05-2023 15:43	28-05-2023 19:17	COMPLETED
2043	UAIL/LDC/FY24/GWP/963	W/O	DFDS PIPELINE FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/160	28-05-2023 08:34	28-05-2023 18:08	COMPLETED
2044	UAIL/LDC/FY24/GWP/962	PM408585	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-AC2,	N/R	27-05-2023 16:29	27-05-2023 17:26	COMPLETED
2045	UAIL/LDC/FY24/GWP/961	PM408584	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-AC1,	N/R	27-05-2023 16:29	27-05-2023 17:26	COMPLETED
2046	UAIL/LDC/FY24/GWP/960	PM408586	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-SM-V-5L-001-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-ART,	N/R	27-05-2023 15:44	27-05-2023 17:26	COMPLETED

2047	UAIL/LDC/FY24/GWP/959	PM408595	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	27-05-2023 15:45	27-05-2023 16:30	COMPLETED
2048	UAIL/LDC/FY24/GWP/958	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	27-05-2023 15:23	27-05-2023 17:27	COMPLETED
2052	UAIL/LDC/FY24/GWP/953	W/O	C1B BELT EDGE REPAIR WORK	C1B TAIL END	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/159	27-05-2023 14:27	27-05-2023 17:59	COMPLETED
2053	UAIL/LDC/FY24/GWP/951	W/O	PIPE LINEFIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/157	27-05-2023 09:21	27-05-2023 17:09	COMPLETED
2054	UAIL/LDC/FY24/GWP/950	PM408579	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	26-05-2023 15:38	26-05-2023 16:50	COMPLETED
2055	UAIL/LDC/FY24/GWP/949	PM408576	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	26-05-2023 15:38	26-05-2023 16:50	COMPLETED
2060	UAIL/LDC/FY24/GWP/941	WO417945	Belt edge repairing work	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/156	26-05-2023 14:40	26-05-2023 18:26	COMPLETED
2062	UAIL/LDC/FY24/GWP/936	W/O	DFDS PIPELINE FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/153	26-05-2023 09:08	26-05-2023 17:33	COMPLETED
2065	UAIL/LDC/FY24/GWP/933	PM408425	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	25-05-2023 17:51	25-05-2023 18:15	COMPLETED
2069	UAIL/LDC/FY24/GWP/929	PM408456	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	25-05-2023 16:17	25-05-2023 16:56	COMPLETED
2073	UAIL/LDC/FY24/GWP/925	PM414494	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM/IJH/MH/CHT/C1A002/CHU01-MONTHLY	C1A HEADEND	CHT-C1A-669-002,	N/R	25-05-2023 15:57	25-05-2023 17:40	COMPLETED
2074	UAIL/LDC/FY24/GWP/924	PM408568	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	25-05-2023 15:57	25-05-2023 17:40	COMPLETED
2077	UAIL/LDC/FY24/GWP/919	PM408566	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/20; UAIL/LDC/FY24/WHP/106	25-05-2023 15:12	25-05-2023 17:40	COMPLETED
2080	UAIL/LDC/FY24/GWP/912	W/O	PIPE LINE FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/152	25-05-2023 09:27	25-05-2023 17:52	COMPLETED
2082	UAIL/LDC/FY24/GWP/910	PM408504	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	23-05-2023 16:59	23-05-2023 17:41	COMPLETED
2083	UAIL/LDC/FY24/GWP/909	PM408388	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	23-05-2023 17:12	23-05-2023 17:36	COMPLETED
2084	UAIL/LDC/FY24/GWP/908	PM408327	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	23-05-2023 17:12	23-05-2023 17:36	COMPLETED
2085	UAIL/LDC/FY24/GWP/907	PM408296	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	23-05-2023 17:13	23-05-2023 17:36	COMPLETED
2086	UAIL/LDC/FY24/GWP/906	PM408295	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	23-05-2023 17:13	23-05-2023 17:36	COMPLETED
2087	UAIL/LDC/FY24/GWP/905	PM408261	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	23-05-2023 17:13	23-05-2023 17:36	COMPLETED
2088	UAIL/LDC/FY24/GWP/904	PM408260	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	23-05-2023 17:13	23-05-2023 17:36	COMPLETED
2089	UAIL/LDC/FY24/GWP/903	PM408219	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	23-05-2023 17:13	23-05-2023 17:37	COMPLETED
2090	UAIL/LDC/FY24/GWP/902	PM408219	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	23-05-2023 17:13	23-05-2023 17:37	COMPLETED
2091	UAIL/LDC/FY24/GWP/901	PM408220	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	23-05-2023 17:13	23-05-2023 17:37	COMPLETED
2092	UAIL/LDC/FY24/GWP/900	PM408221	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	23-05-2023 17:13	23-05-2023 17:37	COMPLETED
2093	UAIL/LDC/FY24/GWP/899	PM408222	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	23-05-2023 17:13	23-05-2023 17:37	COMPLETED
2094	UAIL/LDC/FY24/GWP/898	PM408223	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	23-05-2023 17:13	23-05-2023 17:37	COMPLETED
2095	UAIL/LDC/FY24/GWP/897	PM408208	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	23-05-2023 17:13	23-05-2023 17:37	COMPLETED
2096	UAIL/LDC/FY24/GWP/896	PM408190	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	23-05-2023 17:14	23-05-2023 17:37	COMPLETED
2097	UAIL/LDC/FY24/GWP/895	PM408189	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	23-05-2023 17:14	23-05-2023 17:38	COMPLETED
2113	UAIL/LDC/FY24/GWP/878	PM408473	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	23-05-2023 16:11	23-05-2023 17:39	COMPLETED
2114	UAIL/LDC/FY24/GWP/877	PM408472	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	23-05-2023 16:11	23-05-2023 17:40	COMPLETED
2115	UAIL/LDC/FY24/GWP/876	PM408471	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	23-05-2023 16:11	23-05-2023 17:40	COMPLETED
2116	UAIL/LDC/FY24/GWP/875	PM408470	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1B TAIL END	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	23-05-2023 16:11	23-05-2023 17:40	COMPLETED
2117	UAIL/LDC/FY24/GWP/874	PM408465	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	23-05-2023 16:12	23-05-2023 17:40	COMPLETED
2118	UAIL/LDC/FY24/GWP/873	PM408469	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	23-05-2023 16:12	23-05-2023 17:40	COMPLETED
2119	UAIL/LDC/FY24/GWP/871	PM408468	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP3	N/R	23-05-2023 16:12	23-05-2023 17:40	COMPLETED
2120	UAIL/LDC/FY24/GWP/870	PM408467	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	23-05-2023 16:12	23-05-2023 17:40	COMPLETED
2121	UAIL/LDC/FY24/GWP/869	PM408466	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	23-05-2023 16:12	23-05-2023 17:40	COMPLETED
2122	UAIL/LDC/FY24/GWP/867	PM408427	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	23-05-2023 15:29	23-05-2023 16:22	COMPLETED
2123	UAIL/LDC/FY24/GWP/866	PM408430	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	23-05-2023 15:29	23-05-2023 16:23	COMPLETED

2124	UAIL/LDC/FY24/GWP/865	PM408464	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	23-05-2023 15:18	23-05-2023 17:40	COMPLETED
2125	UAIL/LDC/FY24/GWP/864	PM408431	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	23-05-2023 15:29	23-05-2023 16:23	COMPLETED
2126	UAIL/LDC/FY24/GWP/863	PM408432	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	23-05-2023 15:37	23-05-2023 16:23	COMPLETED
2127	UAIL/LDC/FY24/GWP/862	PM408433	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	23-05-2023 15:37	23-05-2023 16:23	COMPLETED
2128	UAIL/LDC/FY24/GWP/860	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	23-05-2023 15:06	23-05-2023 17:40	COMPLETED
2132	UAIL/LDC/FY24/GWP/853	W/O	3.15 MM SHEET FIT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/148	23-05-2023 09:17	23-05-2023 17:28	COMPLETED
2133	UAIL/LDC/FY24/GWP/852	W/O	STOREROOM DECK PLATE FIT UPWORK.	C1A HEADEND	C1A-669-003-TE,	UAIL/LDC/FY24/HWP/147	23-05-2023 09:04	23-05-2023 17:29	COMPLETED
2138	UAIL/LDC/FY24/GWP/847	PM408455	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	22-05-2023 17:00	22-05-2023 17:53	COMPLETED
2139	UAIL/LDC/FY24/GWP/846	PM408454	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	22-05-2023 17:00	22-05-2023 17:53	COMPLETED
2140	UAIL/LDC/FY24/GWP/845	PM408453	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	22-05-2023 17:00	22-05-2023 17:53	COMPLETED
2141	UAIL/LDC/FY24/GWP/844	PM408452	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	22-05-2023 17:00	22-05-2023 17:54	COMPLETED
2142	UAIL/LDC/FY24/GWP/843	PM408451	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	22-05-2023 17:00	22-05-2023 17:54	COMPLETED
2143	UAIL/LDC/FY24/GWP/842	PM408449	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	22-05-2023 17:00	22-05-2023 17:54	COMPLETED
2144	UAIL/LDC/FY24/GWP/841	PM408448	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	22-05-2023 17:00	22-05-2023 17:54	COMPLETED
2145	UAIL/LDC/FY24/GWP/840	PM408447	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	22-05-2023 17:00	22-05-2023 17:54	COMPLETED
2146	UAIL/LDC/FY24/GWP/839	PM408446	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	22-05-2023 16:58	22-05-2023 17:54	COMPLETED
2147	UAIL/LDC/FY24/GWP/838	PM408446	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	22-05-2023 16:58	22-05-2023 17:54	COMPLETED
2151	UAIL/LDC/FY24/GWP/834	PM408539	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	22-05-2023 16:24	22-05-2023 17:47	COMPLETED
2152	UAIL/LDC/FY24/GWP/833	PM408538	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	22-05-2023 16:16	22-05-2023 16:26	COMPLETED
2153	UAIL/LDC/FY24/GWP/832	PM408537	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	22-05-2023 16:16	22-05-2023 16:26	COMPLETED
2154	UAIL/LDC/FY24/GWP/831	PM408536	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	22-05-2023 16:07	22-05-2023 16:26	COMPLETED
2155	UAIL/LDC/FY24/GWP/830	PM408532	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	22-05-2023 15:37	22-05-2023 16:00	COMPLETED
2161	UAIL/LDC/FY24/GWP/824	W/O	AREA HOUSE KEEPING C1B TAIL END	C1B TAIL END	C1B-669-004-TE,	N/R	22-05-2023 15:23	22-05-2023 17:48	COMPLETED
2163	UAIL/LDC/FY24/GWP/822	W/O	CHUTE MOTHER PLATE WELDING WORK (OUT SIDE)	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/146	22-05-2023 15:15	22-05-2023 16:01	COMPLETED
2167	UAIL/LDC/FY24/GWP/815	W/O	AREA HOUSEKEEPING C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	22-05-2023 14:57	22-05-2023 17:48	COMPLETED
2172	UAIL/LDC/FY24/GWP/801	W/O	3.15MM SHEET FIT UP WORK.	C1A HEAD END DRIVE FLOOR	N/R	UAIL/LDC/FY24/HWP/142	22-05-2023 09:15	22-05-2023 17:14	COMPLETED
2180	UAIL/LDC/FY24/GWP/785	W/O	3.15MM SHEET FIT-UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/141	21-05-2023 10:33	21-05-2023 17:37	COMPLETED
2182	UAIL/LDC/FY24/GWP/779	W/O	MATERIAL LIFTING SHIFTING	C1A HEADEND	N/R	UAIL/LDC/FY24/WHP/95	20-05-2023 16:18	20-05-2023 18:20	COMPLETED
2184	UAIL/LDC/FY24/GWP/773	PM408424	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/19; UAIL/LDC/FY24/WHP/94	20-05-2023 14:18	20-05-2023 18:20	COMPLETED
2187	UAIL/LDC/FY24/GWP/764	W/O	3.15 MM SHEET FIT UP WORK	C1A HEAD END DRIVE FLOOR	N/R	UAIL/LDC/FY24/HWP/137	20-05-2023 09:16	20-05-2023 17:15	COMPLETED
2188	UAIL/LDC/FY24/GWP/763	W/O	ROLLER REPLACEMENT WORK	C1B TAIL END	C1B-669-001-CV1,	N/R	19-05-2023 14:07	19-05-2023 14:36	COMPLETED
2189	UAIL/LDC/FY24/GWP/758	W/O	3.15 MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/136	19-05-2023 11:19	19-05-2023 16:53	COMPLETED
2190	UAIL/LDC/FY24/GWP/757	W/O	PIPE LINE FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/135	19-05-2023 11:13	19-05-2023 16:53	COMPLETED
2192	UAIL/LDC/FY24/GWP/755	PM408445	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	18-05-2023 17:02	18-05-2023 17:30	COMPLETED
2193	UAIL/LDC/FY24/GWP/754	PM408444	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	18-05-2023 17:02	18-05-2023 17:30	COMPLETED
2194	UAIL/LDC/FY24/GWP/753	PM408443	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	18-05-2023 17:02	18-05-2023 17:30	COMPLETED
2195	UAIL/LDC/FY24/GWP/751	W/O	C1A DISCHARGE CHUTE CSK NOT BOLT REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/18; UAIL/LDC/FY24/WHP/91	18-05-2023 15:45	18-05-2023 17:37	COMPLETED
2196	UAIL/LDC/FY24/GWP/750	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	18-05-2023 15:45	18-05-2023 18:03	COMPLETED
2198	UAIL/LDC/FY24/GWP/744	PM408442	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºT	N/R	18-05-2023 14:49	18-05-2023 17:30	COMPLETED
2199	UAIL/LDC/FY24/GWP/741	WO415761	C1B ROLLER REPLACEMENT WORK	C1B TAILEND	C1B-669-004-TE,	N/R	18-05-2023 14:43	18-05-2023 18:04	COMPLETED
2200	UAIL/LDC/FY24/GWP/737	W/O	PIPE LINE FIT UP WORK	IMJH	N/R	UAIL/LDC/FY24/HWP/133	18-05-2023 09:56	18-05-2023 17:10	COMPLETED

2201	UAIL/LDC/FY24/GWP/736	W/O	3.15 MM SHEET FIT UP WORK.	C1A HEAD END DRIVE FLOOR	N/R	UAIL/LDC/FY24/HWP/132	18-05-2023 09:14	18-05-2023 17:11	COMPLETED
2202	UAIL/LDC/FY24/GWP/732	W/O	SAFETY GUARD FITUP WORK.	C1A HEADEND	C1A-669-003-TE,	UAIL/LDC/FY24/HWP/131	17-05-2023 09:50	17-05-2023 18:01	COMPLETED
2203	UAIL/LDC/FY24/GWP/731	W/O	PIPE LINE FIT UP WORK.	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/130	17-05-2023 09:15	17-05-2023 17:32	COMPLETED
2204	UAIL/LDC/FY24/GWP/730	PM371912	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	16-05-2023 16:55	16-05-2023 17:46	COMPLETED
2205	UAIL/LDC/FY24/GWP/729	PM371911	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	16-05-2023 16:56	16-05-2023 18:14	COMPLETED
2206	UAIL/LDC/FY24/GWP/728	PM371908	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	16-05-2023 16:56	16-05-2023 18:14	COMPLETED
2207	UAIL/LDC/FY24/GWP/725	PM408411	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	16-05-2023 17:30	16-05-2023 17:31	COMPLETED
2208	UAIL/LDC/FY24/GWP/724	PM408407	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	16-05-2023 17:30	16-05-2023 17:31	COMPLETED
2209	UAIL/LDC/FY24/GWP/723	PM408403	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	16-05-2023 15:59	16-05-2023 17:22	COMPLETED
2210	UAIL/LDC/FY24/GWP/722	PM408402	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	16-05-2023 16:00	16-05-2023 17:22	COMPLETED
2211	UAIL/LDC/FY24/GWP/719	PM408153	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/17; UAIL/LDC/FY24/WHP/90	16-05-2023 15:34	16-05-2023 17:23	COMPLETED
2214	UAIL/LDC/FY24/GWP/711	W/O	CHEQURED PLATE FIT-UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/129; UAIL/LDC/FY24/WHP/89	16-05-2023 14:46	16-05-2023 17:59	COMPLETED
2215	UAIL/LDC/FY24/GWP/710	WO413469	C1B BELT EDGE PATCHING	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/128	16-05-2023 14:55	16-05-2023 18:18	COMPLETED
2216	UAIL/LDC/FY24/GWP/709	W/O	3.15 MM SHEET FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY24/HWP/127	16-05-2023 10:09	16-05-2023 17:41	COMPLETED
2217	UAIL/LDC/FY24/GWP/708	W/O	PIPE LINE FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY24/HWP/126	16-05-2023 09:58	16-05-2023 17:41	COMPLETED
2219	UAIL/LDC/FY24/GWP/704	W/O	3.15 MM SHEET FIT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/124	16-05-2023 09:12	16-05-2023 17:58	COMPLETED
2226	UAIL/LDC/FY24/GWP/697	PM408166	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-003-QUARTERLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-180ºB	N/R	15-05-2023 16:08	15-05-2023 17:48	COMPLETED
2227	UAIL/LDC/FY24/GWP/696	W/O	CHUTE MOTHER PLATE OUTSIDE WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/123	15-05-2023 15:56	15-05-2023 17:48	COMPLETED
2228	UAIL/LDC/FY24/GWP/693	W/O	PIPE LINE & CLAMP FIT UP WORK	C1B TAIL END	N/R	UAIL/LDC/FY24/HWP/121	15-05-2023 10:06	15-05-2023 17:33	COMPLETED
2229	UAIL/LDC/FY24/GWP/692	W/O	3.15 MM SHEET FIT UP WORK	C1A HEAD END DRIVE FLOOR	N/R	UAIL/LDC/FY24/HWP/120	15-05-2023 09:54	15-05-2023 17:34	COMPLETED
2232	UAIL/LDC/FY24/GWP/686	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/118; UAIL/LDC/FY24/WHP/88	14-05-2023 10:05	14-05-2023 17:51	COMPLETED
2234	UAIL/LDC/FY24/GWP/680	W/O	AREA HOUSEKEEPING AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	13-05-2023 16:17	13-05-2023 17:55	COMPLETED
2238	UAIL/LDC/FY24/GWP/676	WO413129	Csk nut,bolt replacement at C1A discharge chute.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/16; UAIL/LDC/FY24/WHP/87	13-05-2023 16:09	13-05-2023 17:56	COMPLETED
2239	UAIL/LDC/FY24/GWP/675	W/O	CHEQURED PLATE FIT UP WORK AT C1A HEAD END AREA.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/117; UAIL/LDC/FY24/WHP/86	13-05-2023 15:43	13-05-2023 17:57	COMPLETED
2243	UAIL/LDC/FY24/GWP/671	W/O	C1B TAIL END HOUSE KEPPING	C1B TAILEND	C1B-669-004-TE,	N/R	13-05-2023 14:54	13-05-2023 17:58	COMPLETED
2244	UAIL/LDC/FY24/GWP/670	WO413126	Roller replacement work at C1B tail end area..	C1B TAILEND	C1B-669-001-CV1,	N/R	13-05-2023 14:47	13-05-2023 17:59	COMPLETED
2246	UAIL/LDC/FY24/GWP/663	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/115	13-05-2023 10:12	13-05-2023 17:51	COMPLETED
2248	UAIL/LDC/FY24/GWP/660	W/O	FABRICATION WORK AT IMJH	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/113	13-05-2023 09:37	13-05-2023 17:50	COMPLETED
2249	UAIL/LDC/FY24/GWP/655	W/O	PIPELINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/112; UAIL/LDC/FY24/WHP/84	13-05-2023 09:06	13-05-2023 17:50	COMPLETED
2251	UAIL/LDC/FY24/GWP/648	W/O	PIPE LINE FIT-UP WORK.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/111; UAIL/LDC/FY24/WHP/83	12-05-2023 10:49	12-05-2023 19:39	COMPLETED
2253	UAIL/LDC/FY24/GWP/637	W/O	PLATFORM EXTENSION WORK.	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/110; UAIL/LDC/FY24/WHP/81	11-05-2023 10:14	11-05-2023 17:29	COMPLETED
2254	UAIL/LDC/FY24/GWP/636	W/O	PIPELINE FITUP WORK AT IMJH.	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/109; UAIL/LDC/FY24/WHP/80	11-05-2023 10:16	11-05-2023 17:29	COMPLETED
2255	UAIL/LDC/FY24/GWP/634	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE	N/R	10-05-2023 16:12	10-05-2023 17:32	COMPLETED
2256	UAIL/LDC/FY24/GWP/633	PM408283	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	10-05-2023 15:56	10-05-2023 16:45	COMPLETED
2257	UAIL/LDC/FY24/GWP/632	PM408267	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	10-05-2023 15:44	10-05-2023 16:46	COMPLETED
2267	UAIL/LDC/FY24/GWP/617	W/O	PIPELINE FITUP WORK AT IMJH AREA.	C1B TAILEND	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/107; UAIL/LDC/FY24/WHP/78	10-05-2023 09:29	10-05-2023 17:33	COMPLETED
2268	UAIL/LDC/FY24/GWP/616	W/O	PIPELINE FITUP WORK AT IMJH	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/106; UAIL/LDC/FY24/WHP/77	09-05-2023 13:41	09-05-2023 17:14	COMPLETED
2270	UAIL/LDC/FY24/GWP/604	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/104	09-05-2023 09:30	09-05-2023 17:14	COMPLETED
2276	UAIL/LDC/FY24/GWP/597	W/O	area housekeeping	C1B TAIL END	C1B-669-004-TE,	N/R	08-05-2023 15:47	08-05-2023 17:30	COMPLETED
2277	UAIL/LDC/FY24/GWP/596	PM408237	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	08-05-2023 15:31	08-05-2023 17:30	COMPLETED
2278	UAIL/LDC/FY24/GWP/595	PM408236	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	08-05-2023 15:31	08-05-2023 17:30	COMPLETED

2279	UAIL/LDC/FY24/GWP/594	PM408235	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0°B	N/R	08-05-2023 15:31	08-05-2023 15:44	COMPLETED
2280	UAIL/LDC/FY24/GWP/592	W/O	AREA HOUSEKEPING	C1A HEADEND	C1A-669-002-HE,	N/R	08-05-2023 15:01	08-05-2023 17:30	COMPLETED
2283	UAIL/LDC/FY24/GWP/588	WO411894	CHUTE CSK NUT AND BOLT REPLACEMENT WORK . AT IMJH	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/15; UAIL/LDC/FY24/WHP/76	08-05-2023 14:51	08-05-2023 17:30	COMPLETED
2290	UAIL/LDC/FY24/GWP/572	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/101; UAIL/LDC/FY24/WHP/75	08-05-2023 09:49	08-05-2023 18:36	COMPLETED
2292	UAIL/LDC/FY24/GWP/570	W/O	PLATFORM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/98; UAIL/LDC/FY24/WHP/74	07-05-2023 09:40	08-05-2023 09:00	COMPLETED
2293	UAIL/LDC/FY24/GWP/569	W/O	PIPE LINE FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/97; UAIL/LDC/FY24/WHP/73	06-05-2023 09:19	06-05-2023 16:57	COMPLETED
2295	UAIL/LDC/FY24/GWP/567	PM408199	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	05-05-2023 15:54	05-05-2023 17:43	COMPLETED
2296	UAIL/LDC/FY24/GWP/566	PM408198	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	05-05-2023 17:46	05-05-2023 17:47	COMPLETED
2297	UAIL/LDC/FY24/GWP/565	PM408197	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	05-05-2023 17:46	05-05-2023 17:47	COMPLETED
2298	UAIL/LDC/FY24/GWP/564	PM408196	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-VSCR2	N/R	05-05-2023 15:10	05-05-2023 17:45	COMPLETED
2304	UAIL/LDC/FY24/GWP/558	PM408193	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	05-05-2023 14:48	05-05-2023 17:45	COMPLETED
2305	UAIL/LDC/FY24/GWP/557	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	05-05-2023 14:49	05-05-2023 17:39	COMPLETED
2306	UAIL/LDC/FY24/GWP/556	W/O	PLATFORM EXTENSION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/95; UAIL/LDC/FY24/WHP/72	05-05-2023 12:03	05-05-2023 17:31	COMPLETED
2308	UAIL/LDC/FY24/GWP/552	W/O	PIPELINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/93; UAIL/LDC/FY24/WHP/71	05-05-2023 09:43	05-05-2023 17:32	COMPLETED
2309	UAIL/LDC/FY24/GWP/551	W/O	SHEET FITUP WORK AT FABRICATION BED	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/92	05-05-2023 09:32	05-05-2023 17:32	COMPLETED
2310	UAIL/LDC/FY24/GWP/550	W/O	WATER PIPE LINE WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/91	04-05-2023 12:12	05-05-2023 17:37	COMPLETED
2311	UAIL/LDC/FY24/GWP/549	W/O	AREA HOUSEKEEPING WORK AT C1B TAILEND AREA ,	C1B TAILEND	C1B-669-001-HE,	N/R	03-05-2023 15:49	03-05-2023 19:17	COMPLETED
2312	UAIL/LDC/FY24/GWP/548	W/O	HIGH SPEED COUPLING 4 PM WORK.	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	03-05-2023 14:58	03-05-2023 19:45	COMPLETED
2313	UAIL/LDC/FY24/GWP/547	WO406268	HIGH SPEED COUPLING 2 PM WORK	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	03-05-2023 14:45	03-05-2023 19:43	COMPLETED
2315	UAIL/LDC/FY24/GWP/544	WO410167	C1A BELT NO - (26204-26197) JOINTING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/90	03-05-2023 08:37	04-05-2023 02:34	COMPLETED
2316	UAIL/LDC/FY24/GWP/543	WO410167	C1A BELT NO - (26204-26197) JOINTING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/89; UAIL/LDC/FY24/WHP/70	02-05-2023 20:12	03-05-2023 07:29	COMPLETED
2321	UAIL/LDC/FY24/GWP/536	W/O	HIGH SPEED COUPLING -4 PM WORK .	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	02-05-2023 07:35	02-05-2023 16:59	COMPLETED
2322	UAIL/LDC/FY24/GWP/535	W/O	HIGH SPEED COUPLING-3 PM WORK	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	02-05-2023 07:36	02-05-2023 13:32	COMPLETED
2323	UAIL/LDC/FY24/GWP/534	W/O	HIGH SPEED COUPLING -2 PM WORK.	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	02-05-2023 07:36	02-05-2023 16:59	COMPLETED
2325	UAIL/LDC/FY24/GWP/532	W/O	HIGH SPEED COUPLING PM WORK	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	02-05-2023 06:55	02-05-2023 13:33	COMPLETED
2361	UAIL/LDC/FY24/GWP/491	PM371891	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	30-04-2023 09:37	30-04-2023 11:56	COMPLETED
2365	UAIL/LDC/FY24/GWP/486	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	30-04-2023 08:45	30-04-2023 11:57	COMPLETED
2370	UAIL/LDC/FY24/GWP/480	W/O	OILCOOLER CLEANING	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	29-04-2023 15:25	29-04-2023 19:11	COMPLETED
2372	UAIL/LDC/FY24/GWP/473	W/O	AREA HOUSE KEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	29-04-2023 08:35	29-04-2023 17:57	COMPLETED
2377	UAIL/LDC/FY24/GWP/465	W/O	AREA HOUSEKEEPING WORK AT C1B TAILEND AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	28-04-2023 15:11	28-04-2023 18:40	COMPLETED
2378	UAIL/LDC/FY24/GWP/464	W/O	EQUIPMENT CLEANING WORK AT IMJH.	C1A HEADEND	C1A-669-002-HE,	N/R	28-04-2023 15:01	28-04-2023 18:40	COMPLETED
2381	UAIL/LDC/FY24/GWP/454	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	28-04-2023 07:09	28-04-2023 13:42	COMPLETED
2386	UAIL/LDC/FY24/GWP/449	PM371822	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45°	N/R	27-04-2023 15:58	27-04-2023 18:57	COMPLETED
2387	UAIL/LDC/FY24/GWP/448	PM371832	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	27-04-2023 15:47	27-04-2023 18:58	COMPLETED
2388	UAIL/LDC/FY24/GWP/447	W/O	AREA HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	27-04-2023 15:33	27-04-2023 18:58	COMPLETED
2389	UAIL/LDC/FY24/GWP/442	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	27-04-2023 11:02	27-04-2023 18:59	COMPLETED
2393	UAIL/LDC/FY24/GWP/434	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	26-04-2023 16:16	26-04-2023 17:43	COMPLETED
2394	UAIL/LDC/FY24/GWP/432	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	26-04-2023 15:53	26-04-2023 17:40	COMPLETED
2398	UAIL/LDC/FY24/GWP/428	PM371806	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	26-04-2023 15:10	26-04-2023 17:40	COMPLETED
2399	UAIL/LDC/FY24/GWP/427	PM371805	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	26-04-2023 15:10	26-04-2023 17:40	COMPLETED
2400	UAIL/LDC/FY24/GWP/426	PM371804	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	26-04-2023 15:10	26-04-2023 17:40	COMPLETED

2401	UAIL/LDC/FY24/GWP/425	PM371803	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-HALF YEARLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	26-04-2023 15:10	26-04-2023 17:41	COMPLETED
2409	UAIL/LDC/FY24/GWP/417	PM371796	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	25-04-2023 17:03	25-04-2023 18:02	COMPLETED
2412	UAIL/LDC/FY24/GWP/414	W/O	INSIDE HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	25-04-2023 15:01	25-04-2023 17:44	COMPLETED
2413	UAIL/LDC/FY24/GWP/413	WO382406	IMPACT ROLLER REPLACEMENT WORK AT C1B TAILEND AREA.	C1B TAILEND	C1B-669-004-TE,	N/R	25-04-2023 14:52	25-04-2023 17:05	COMPLETED
2414	UAIL/LDC/FY24/GWP/412	WO382412	C1B BELT EDGE REPAIRING WORK AT C1B TAIL END AREA.	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/59	25-04-2023 14:36	25-04-2023 18:05	COMPLETED
2416	UAIL/LDC/FY24/GWP/407	W/O	PLATFORM EXTENSION WORK .	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/57; UAIL/LDC/FY24/WHP/46	25-04-2023 09:26	25-04-2023 17:24	COMPLETED
2417	UAIL/LDC/FY24/GWP/406	PM371795	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	24-04-2023 16:07	24-04-2023 17:43	COMPLETED
2418	UAIL/LDC/FY24/GWP/405	PM371790	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	24-04-2023 15:56	24-04-2023 17:43	COMPLETED
2419	UAIL/LDC/FY24/GWP/404	W/O	INSIDE HOUSEKEEPING WORK.	C1B TAIL END	C1B-669-004-TE,	N/R	24-04-2023 15:45	24-04-2023 17:44	COMPLETED
2420	UAIL/LDC/FY24/GWP/403	W/O	INSIDE HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	24-04-2023 15:32	24-04-2023 17:44	COMPLETED
2424	UAIL/LDC/FY24/GWP/398	W/O	LINNER PLATE NUT BOLT REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/8; UAIL/LDC/FY24/WHP/45	24-04-2023 15:09	24-04-2023 16:09	COMPLETED
2425	UAIL/LDC/FY24/GWP/397	W/O	PLATFORM EXTENSION WORK	C1B TAIL END	N/R	UAIL/LDC/FY24/HWP/56; UAIL/LDC/FY24/WHP/44	24-04-2023 09:52	24-04-2023 17:26	COMPLETED
2428	UAIL/LDC/FY24/GWP/394	W/O	INSIDE HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	23-04-2023 15:51	23-04-2023 17:59	COMPLETED
2429	UAIL/LDC/FY24/GWP/393	W/O	INSIDE HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	23-04-2023 15:30	23-04-2023 18:00	COMPLETED
2432	UAIL/LDC/FY24/GWP/390	PM371781	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,	N/R	23-04-2023 15:17	23-04-2023 15:48	COMPLETED
2438	UAIL/LDC/FY24/GWP/384	WO377764	RETURN ROLLER FRAME REPLACEMENT WORK AT C1A CV-7	C1A HEADEND	C1A-669-002-CV7,	UAIL/LDC/FY24/WHP/42	23-04-2023 14:57	23-04-2023 17:08	COMPLETED
2440	UAIL/LDC/FY24/GWP/382	WO377765	C1B BELT EDGE PATCHING	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/53	23-04-2023 14:19	23-04-2023 18:28	COMPLETED
2449	UAIL/LDC/FY24/GWP/372	W/O	MATERIAL LIFTING AND SHIFTING	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/41	22-04-2023 15:06	22-04-2023 17:47	COMPLETED
2450	UAIL/LDC/FY24/GWP/371	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	22-04-2023 14:54	22-04-2023 17:46	COMPLETED
2451	UAIL/LDC/FY24/GWP/370	W/O	90 DEGREE PULLEY LAGGING (COLD PATCHING)	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	22-04-2023 14:54	22-04-2023 17:46	COMPLETED
2452	UAIL/LDC/FY24/GWP/369	W/O	AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	22-04-2023 14:36	22-04-2023 17:37	COMPLETED
2455	UAIL/LDC/FY24/GWP/366	WO377359	CSK NUT BOLT REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/7; UAIL/LDC/FY24/WHP/39	21-04-2023 16:54	21-04-2023 17:26	COMPLETED
2467	UAIL/LDC/FY24/GWP/354	WO377355	IMPACT ROLLER REPLACEMENT WORK	C1B TAIL END	C1B-669-004-TE,	N/R	21-04-2023 15:05	21-04-2023 16:49	COMPLETED
2468	UAIL/LDC/FY24/GWP/353	WO376392	C1B BELT NO-26427 EDGE REPAIR WORK.	C1B TAIL END	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/49	21-04-2023 14:49	21-04-2023 19:21	COMPLETED
2469	UAIL/LDC/FY24/GWP/352	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	21-04-2023 14:36	21-04-2023 16:55	COMPLETED
2470	UAIL/LDC/FY24/GWP/351	W/O	WATER PIPELINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/48	21-04-2023 10:30	21-04-2023 17:25	COMPLETED
2471	UAIL/LDC/FY24/GWP/350	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/47; UAIL/LDC/FY24/WHP/38	21-04-2023 09:46	21-04-2023 17:27	COMPLETED
2473	UAIL/LDC/FY24/GWP/348	PM371748	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	20-04-2023 16:56	20-04-2023 17:10	COMPLETED
2474	UAIL/LDC/FY24/GWP/347	PM371747	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	20-04-2023 16:56	20-04-2023 17:10	COMPLETED
2475	UAIL/LDC/FY24/GWP/346	PM371745	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-HALF YEARLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	20-04-2023 15:43	20-04-2023 16:46	COMPLETED
2476	UAIL/LDC/FY24/GWP/345	PM371743	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-HALF YEARLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	20-04-2023 16:57	20-04-2023 16:59	COMPLETED
2477	UAIL/LDC/FY24/GWP/344	PM371746	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	20-04-2023 15:18	20-04-2023 16:45	COMPLETED
2478	UAIL/LDC/FY24/GWP/343	PM371744	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	20-04-2023 15:19	20-04-2023 16:45	COMPLETED
2479	UAIL/LDC/FY24/GWP/341	W/O	PULLEY LAGGINH FIXING WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	UAIL/LDC/FY24/HWP/45	20-04-2023 14:48	20-04-2023 16:43	COMPLETED
2481	UAIL/LDC/FY24/GWP/338	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/44; UAIL/LDC/FY24/WHP/36	20-04-2023 09:22	20-04-2023 18:02	COMPLETED
2483	UAIL/LDC/FY24/GWP/336	W/O	LIFTING & SHIFTING	IMJH	N/R	N/R	20-04-2023 09:03	21-04-2023 17:26	COMPLETED
2485	UAIL/LDC/FY24/GWP/333	PM369739	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/6	19-04-2023 17:41	19-04-2023 17:43	COMPLETED
2486	UAIL/LDC/FY24/GWP/332	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	19-04-2023 17:42	19-04-2023 17:48	COMPLETED
2490	UAIL/LDC/FY24/GWP/328	WO376282	C1B BELT EDGE REPAIRING	C1B TAILEND	BC-C1B-669-001,	UAIL/LDC/FY24/HWP/41	19-04-2023 14:46	19-04-2023 18:19	COMPLETED
2493	UAIL/LDC/FY24/GWP/319	PM369714	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	18-04-2023 17:38	18-04-2023 17:42	COMPLETED
2494	UAIL/LDC/FY24/GWP/318	PM369721	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	18-04-2023 17:37	18-04-2023 17:39	COMPLETED

2495	UAIL/LDC/FY24/GWP/317	PM369720	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	18-04-2023 17:26	18-04-2023 17:34	COMPLETED
2496	UAIL/LDC/FY24/GWP/316	PM369719	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	18-04-2023 17:25	18-04-2023 17:31	COMPLETED
2497	UAIL/LDC/FY24/GWP/315	PM369718	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	18-04-2023 17:24	18-04-2023 17:27	COMPLETED
2498	UAIL/LDC/FY24/GWP/314	PM369717	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	18-04-2023 16:05	18-04-2023 17:19	COMPLETED
2499	UAIL/LDC/FY24/GWP/313	PM369716	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	18-04-2023 15:45	18-04-2023 17:15	COMPLETED
2500	UAIL/LDC/FY24/GWP/311	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	18-04-2023 14:48	18-04-2023 17:23	COMPLETED
2502	UAIL/LDC/FY24/GWP/304	WO376111	ROLLER REPLACEMENT AT C1A CONVEYOR	C1A HEADEND	C1A-669-002-HE,	N/R	18-04-2023 14:38	18-04-2023 16:02	COMPLETED
2504	UAIL/LDC/FY24/GWP/298	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/39; UAIL/LDC/FY24/WHP/31	18-04-2023 10:00	18-04-2023 17:00	COMPLETED
2507	UAIL/LDC/FY24/GWP/295	PM369702	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	17-04-2023 17:04	17-04-2023 17:32	COMPLETED
2508	UAIL/LDC/FY24/GWP/294	PM369703	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	17-04-2023 16:56	17-04-2023 17:33	COMPLETED
2509	UAIL/LDC/FY24/GWP/293	PM369704	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	17-04-2023 16:40	17-04-2023 17:33	COMPLETED
2510	UAIL/LDC/FY24/GWP/291	PM369701	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	17-04-2023 16:22	17-04-2023 17:34	COMPLETED
2512	UAIL/LDC/FY24/GWP/289	W/O	AREA HOUSE KEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	17-04-2023 15:46	17-04-2023 17:48	COMPLETED
2514	UAIL/LDC/FY24/GWP/287	PM369700	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	17-04-2023 14:56	17-04-2023 16:45	COMPLETED
2515	UAIL/LDC/FY24/GWP/286	PM369700	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-04-2023 14:57	17-04-2023 16:45	COMPLETED
2516	UAIL/LDC/FY24/GWP/285	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	17-04-2023 14:41	17-04-2023 17:34	COMPLETED
2520	UAIL/LDC/FY24/GWP/279	PM369687	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	17-04-2023 11:40	17-04-2023 13:47	COMPLETED
2521	UAIL/LDC/FY24/GWP/278	PM369686	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	17-04-2023 11:40	17-04-2023 13:47	COMPLETED
2523	UAIL/LDC/FY24/GWP/276	W/O	PLATFROM EXTENSION WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/36	17-04-2023 10:45	17-04-2023 17:07	COMPLETED
2524	UAIL/LDC/FY24/GWP/274	WO374775	C1A BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/35	17-04-2023 10:33	17-04-2023 16:02	COMPLETED
2530	UAIL/LDC/FY24/GWP/268	W/O	AREA HOUSEKEEPING WORK AT C1B TAIL END AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	16-04-2023 15:32	16-04-2023 17:39	COMPLETED
2531	UAIL/LDC/FY24/GWP/267	PM369684	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	16-04-2023 15:32	16-04-2023 17:20	COMPLETED
2532	UAIL/LDC/FY24/GWP/266	PM369680	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	16-04-2023 15:32	16-04-2023 17:20	COMPLETED
2533	UAIL/LDC/FY24/GWP/265	PM369673	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	16-04-2023 15:33	16-04-2023 17:39	COMPLETED
2537	UAIL/LDC/FY24/GWP/260	PM369658	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	15-04-2023 15:34	15-04-2023 17:25	COMPLETED
2539	UAIL/LDC/FY24/GWP/258	W/O	AREA HOUSEKEEPING WORK AT IMJH.	C1A HEADEND	C1A-669-002-HE,	N/R	15-04-2023 15:21	15-04-2023 17:30	COMPLETED
2542	UAIL/LDC/FY24/GWP/254	W/O	C S K NUT BOLT REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/3; UAIL/LDC/FY24/WHP/24	15-04-2023 15:10	15-04-2023 17:39	COMPLETED
2544	UAIL/LDC/FY24/GWP/250	W/O	EXTENSION PLATFORM WELDING WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/30; UAIL/LDC/FY24/WHP/22	15-04-2023 10:04	15-04-2023 17:36	COMPLETED
2547	UAIL/LDC/FY24/GWP/247	PM369635	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	14-04-2023 16:14	14-04-2023 18:56	COMPLETED
2549	UAIL/LDC/FY24/GWP/241	WO374501	ROLLER REPLACEMENT WORK AT C1A CURVE 9 AREA.	C1A HEADEND	C1A-669-002-CV9,	N/R	14-04-2023 15:00	14-04-2023 18:56	COMPLETED
2550	UAIL/LDC/FY24/GWP/240	WO374360	C1A EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/27	14-04-2023 14:56	14-04-2023 20:27	COMPLETED
2552	UAIL/LDC/FY24/GWP/234	W/O	EXTENSION PLATFORM WELDING WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/25; UAIL/LDC/FY24/WHP/17	14-04-2023 09:49	14-04-2023 17:36	COMPLETED
2554	UAIL/LDC/FY24/GWP/230	PM369614	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	13-04-2023 16:16	13-04-2023 17:18	COMPLETED
2555	UAIL/LDC/FY24/GWP/229	PM369613	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	13-04-2023 16:16	13-04-2023 17:18	COMPLETED
2556	UAIL/LDC/FY24/GWP/228	PM369612	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	13-04-2023 16:17	13-04-2023 17:19	COMPLETED
2557	UAIL/LDC/FY24/GWP/227	PM369611	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	13-04-2023 16:17	13-04-2023 17:19	COMPLETED
2558	UAIL/LDC/FY24/GWP/226	PM369546	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	13-04-2023 15:44	13-04-2023 17:07	COMPLETED
2559	UAIL/LDC/FY24/GWP/225	PM369542	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	13-04-2023 15:44	13-04-2023 17:07	COMPLETED
2560	UAIL/LDC/FY24/GWP/224	PM369615	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	13-04-2023 15:25	13-04-2023 15:58	COMPLETED
2561	UAIL/LDC/FY24/GWP/223	PM369616	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	13-04-2023 15:25	13-04-2023 15:58	COMPLETED
2562	UAIL/LDC/FY24/GWP/222	PM369617	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	13-04-2023 15:27	13-04-2023 15:58	COMPLETED

2563	UAIL/LDC/FY24/GWP/221	PM369618	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	13-04-2023 15:01	13-04-2023 15:58	COMPLETED
2564	UAIL/LDC/FY24/GWP/220	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	13-04-2023 14:49	13-04-2023 17:34	COMPLETED
2571	UAIL/LDC/FY24/GWP/204	PM369484	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	12-04-2023 20:06	12-04-2023 20:41	COMPLETED
2572	UAIL/LDC/FY24/GWP/203	PM369483	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-YEARLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	12-04-2023 18:31	12-04-2023 20:41	COMPLETED
2573	UAIL/LDC/FY24/GWP/202	PM369482	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-YEARLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	12-04-2023 18:22	12-04-2023 20:41	COMPLETED
2574	UAIL/LDC/FY24/GWP/201	PM369476	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	12-04-2023 18:31	12-04-2023 20:41	COMPLETED
2575	UAIL/LDC/FY24/GWP/200	PM369475	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	12-04-2023 18:31	12-04-2023 20:41	COMPLETED
2576	UAIL/LDC/FY24/GWP/199	PM369596	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	12-04-2023 17:18	12-04-2023 18:27	COMPLETED
2577	UAIL/LDC/FY24/GWP/198	PM369594	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	12-04-2023 17:18	12-04-2023 18:27	COMPLETED
2578	UAIL/LDC/FY24/GWP/197	PM369592	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	12-04-2023 17:18	12-04-2023 18:27	COMPLETED
2579	UAIL/LDC/FY24/GWP/196	PM369576	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	12-04-2023 17:19	12-04-2023 18:27	COMPLETED
2580	UAIL/LDC/FY24/GWP/195	PM369590	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	12-04-2023 16:39	12-04-2023 20:31	COMPLETED
2581	UAIL/LDC/FY24/GWP/194	PM369580	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	12-04-2023 15:59	12-04-2023 16:30	COMPLETED
2582	UAIL/LDC/FY24/GWP/193	PM369579	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	12-04-2023 15:59	12-04-2023 16:36	COMPLETED
2583	UAIL/LDC/FY24/GWP/191	W/O	AREA HOUSEKEEPING WORK.	C1B TAIL END	C1B-669-004-TE,	N/R	12-04-2023 15:35	12-04-2023 20:32	COMPLETED
2584	UAIL/LDC/FY24/GWP/190	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	12-04-2023 15:35	12-04-2023 20:32	COMPLETED
2588	UAIL/LDC/FY24/GWP/186	WO373005	C1A CONVEYOR EDGE PATCHING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/21	12-04-2023 15:16	12-04-2023 20:32	COMPLETED
2591	UAIL/LDC/FY24/GWP/178	PM369560	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	11-04-2023 19:36	11-04-2023 21:07	COMPLETED
2592	UAIL/LDC/FY24/GWP/177	PM369492	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	11-04-2023 17:23	11-04-2023 19:43	COMPLETED
2593	UAIL/LDC/FY24/GWP/176	PM369491	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	11-04-2023 17:23	11-04-2023 19:43	COMPLETED
2594	UAIL/LDC/FY24/GWP/175	PM369490	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	11-04-2023 17:24	11-04-2023 19:43	COMPLETED
2595	UAIL/LDC/FY24/GWP/174	PM369488	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	11-04-2023 17:24	11-04-2023 19:43	COMPLETED
2598	UAIL/LDC/FY24/GWP/168	PM369461	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	11-04-2023 15:40	11-04-2023 18:08	COMPLETED
2599	UAIL/LDC/FY24/GWP/167	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	11-04-2023 15:33	11-04-2023 18:10	COMPLETED
2600	UAIL/LDC/FY24/GWP/166	PM369460	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	11-04-2023 15:41	11-04-2023 18:09	COMPLETED
2601	UAIL/LDC/FY24/GWP/165	PM369430	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-YEARLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	11-04-2023 15:41	11-04-2023 19:58	COMPLETED
2602	UAIL/LDC/FY24/GWP/164	WO371690	ROLLER REPLACEMENT WORK AT C1B TAIL END.	C1B TAIL END	C1B-669-004-TE,	N/R	11-04-2023 15:33	11-04-2023 18:11	COMPLETED
2603	UAIL/LDC/FY24/GWP/163	PM369429	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-YEARLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	11-04-2023 15:41	11-04-2023 19:59	COMPLETED
2605	UAIL/LDC/FY24/GWP/161	PM369415	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	11-04-2023 15:41	11-04-2023 18:09	COMPLETED
2609	UAIL/LDC/FY24/GWP/157	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-04-2023 15:00	11-04-2023 19:37	COMPLETED
2611	UAIL/LDC/FY24/GWP/155	WO372786	BELT NO-26216 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/19	11-04-2023 15:00	11-04-2023 19:37	COMPLETED
2615	UAIL/LDC/FY24/GWP/146	W/O	3.15 MM SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/17	11-04-2023 09:31	11-04-2023 16:54	COMPLETED
2622	UAIL/LDC/FY24/GWP/139	PM369553	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	10-04-2023 15:19	10-04-2023 18:01	COMPLETED
2625	UAIL/LDC/FY24/GWP/136	W/O	AIR BLASTER CYLINDER PM	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY1	N/R	10-04-2023 15:20	10-04-2023 19:56	COMPLETED
2626	UAIL/LDC/FY24/GWP/135	W/O	SKIRT BOARD RUBBER ADJUSTMENT	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	10-04-2023 15:20	10-04-2023 19:56	COMPLETED
2628	UAIL/LDC/FY24/GWP/133	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	10-04-2023 14:56	10-04-2023 19:57	COMPLETED
2629	UAIL/LDC/FY24/GWP/132	WO371209	BELT EDGE REPAIRING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/16	10-04-2023 14:57	10-04-2023 19:57	COMPLETED
2633	UAIL/LDC/FY24/GWP/123	W/O	3.15 MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/12	10-04-2023 09:48	10-04-2023 17:37	COMPLETED
2634	UAIL/LDC/FY24/GWP/122	W/O	DIAPHRAGM REPLACEMENT	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	09-04-2023 15:37	09-04-2023 19:49	COMPLETED
2639	UAIL/LDC/FY24/GWP/108	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	08-04-2023 15:08	08-04-2023 17:44	COMPLETED
2640	UAIL/LDC/FY24/GWP/106	PM369486	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/2; UAIL/LDC/FY24/WHP/10	08-04-2023 15:02	08-04-2023 17:45	COMPLETED

2641	UAIL/LDC/FY24/GWP/105	W/O	AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	08-04-2023 14:51	08-04-2023 17:28	COMPLETED
2644	UAIL/LDC/FY24/GWP/94	W/O	3.15MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/10	08-04-2023 09:30	08-04-2023 17:09	COMPLETED
2645	UAIL/LDC/FY24/GWP/93	PM369459	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	07-04-2023 17:45	07-04-2023 17:46	COMPLETED
2646	UAIL/LDC/FY24/GWP/92	PM369457	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	07-04-2023 17:44	07-04-2023 17:46	COMPLETED
2647	UAIL/LDC/FY24/GWP/90	PM369455	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	07-04-2023 17:01	07-04-2023 17:30	COMPLETED
2648	UAIL/LDC/FY24/GWP/89	PM369454	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	07-04-2023 17:00	07-04-2023 17:29	COMPLETED
2650	UAIL/LDC/FY24/GWP/87	PM369453	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	07-04-2023 16:36	07-04-2023 17:29	COMPLETED
2651	UAIL/LDC/FY24/GWP/86	PM369452	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	07-04-2023 16:59	07-04-2023 17:28	COMPLETED
2655	UAIL/LDC/FY24/GWP/81	PM369449	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	07-04-2023 16:35	07-04-2023 16:52	COMPLETED
2657	UAIL/LDC/FY24/GWP/79	PM369448	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	07-04-2023 16:34	07-04-2023 16:51	COMPLETED
2658	UAIL/LDC/FY24/GWP/78	PM369447	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	07-04-2023 15:51	07-04-2023 16:50	COMPLETED
2659	UAIL/LDC/FY24/GWP/77	PM369446	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	07-04-2023 15:50	07-04-2023 16:27	COMPLETED
2661	UAIL/LDC/FY24/GWP/75	PM369442	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	07-04-2023 15:23	07-04-2023 16:26	COMPLETED
2662	UAIL/LDC/FY24/GWP/74	PM369440	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	07-04-2023 15:24	07-04-2023 16:26	COMPLETED
2663	UAIL/LDC/FY24/GWP/72	W/O	SCRAPER FIT-UP WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	UAIL/LDC/FY24/HWP/9	07-04-2023 15:04	07-04-2023 17:12	COMPLETED
2664	UAIL/LDC/FY24/GWP/71	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	07-04-2023 14:49	07-04-2023 17:27	COMPLETED
2665	UAIL/LDC/FY24/GWP/63	W/O	WATER PIPELINE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/8; UAIL/LDC/FY24/WHP/8	07-04-2023 10:01	07-04-2023 17:08	COMPLETED
2666	UAIL/LDC/FY24/GWP/62	W/O	3.15 MM SHEET FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/7	07-04-2023 09:41	07-04-2023 17:10	COMPLETED
2671	UAIL/LDC/FY24/GWP/55	PM369426	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	06-04-2023 17:23	06-04-2023 17:25	COMPLETED
2672	UAIL/LDC/FY24/GWP/54	PM369422	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	06-04-2023 17:22	06-04-2023 17:25	COMPLETED
2674	UAIL/LDC/FY24/GWP/52	PM330501	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-HALF YEARLY	C1A HEADEND	DFS-C1B-669-004-AC1,	N/R	06-04-2023 17:22	06-04-2023 17:24	COMPLETED
2675	UAIL/LDC/FY24/GWP/51	PM330494	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	06-04-2023 16:41	06-04-2023 17:10	COMPLETED
2676	UAIL/LDC/FY24/GWP/50	PM330485	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-SM-V-5L-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-ART,	N/R	06-04-2023 16:40	06-04-2023 17:09	COMPLETED
2677	UAIL/LDC/FY24/GWP/49	PM330484	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-004-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP1,	N/R	06-04-2023 16:18	06-04-2023 16:34	COMPLETED
2679	UAIL/LDC/FY24/GWP/47	PM369506	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	06-04-2023 15:18	06-04-2023 16:16	COMPLETED
2680	UAIL/LDC/FY24/GWP/46	WO370806	SKIRT BOARD RUBBER REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	06-04-2023 14:56	06-04-2023 17:09	COMPLETED
2681	UAIL/LDC/FY24/GWP/45	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	06-04-2023 14:46	06-04-2023 17:08	COMPLETED
2683	UAIL/LDC/FY24/GWP/42	WO371057	ROLLER REPLACEMENT WORK AT C1A CURVE 9 AREA.	C1A HEADEND	C1A-669-002-CV9,	N/R	06-04-2023 14:36	06-04-2023 16:04	COMPLETED
2684	UAIL/LDC/FY24/GWP/40	W/O	3.15 MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/6	06-04-2023 09:14	06-04-2023 17:51	COMPLETED
2685	UAIL/LDC/FY24/GWP/39	PM330483	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-003-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP4,	N/R	05-04-2023 17:17	05-04-2023 17:39	COMPLETED
2686	UAIL/LDC/FY24/GWP/38	PM330482	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-002-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP3,	N/R	05-04-2023 17:17	05-04-2023 17:38	COMPLETED
2687	UAIL/LDC/FY24/GWP/37	PM330480	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC2,	N/R	05-04-2023 17:03	05-04-2023 17:37	COMPLETED
2688	UAIL/LDC/FY24/GWP/36	W/O	BOLT TIGHTNESS CHECKING WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/1; UAIL/LDC/FY24/WHP/7	05-04-2023 16:39	05-04-2023 17:36	COMPLETED
2689	UAIL/LDC/FY24/GWP/35	PM330481	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-PU-KSB-MO-CF-001-QUARTERLY	C1A HEADEND	DFS-C1B-669-004-PP2,	N/R	05-04-2023 16:21	05-04-2023 17:37	COMPLETED
2690	UAIL/LDC/FY24/GWP/34	PM330479	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC1,	N/R	05-04-2023 15:50	05-04-2023 16:50	COMPLETED
2691	UAIL/LDC/FY24/GWP/33	WO370731	ROLLER REPLACEMENT WORK AT C1B TAIL END.	C1B TAIL END	C1B-669-004-TE,	N/R	05-04-2023 15:28	05-04-2023 16:22	COMPLETED
2692	UAIL/LDC/FY24/GWP/32	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	05-04-2023 15:10	05-04-2023 17:34	COMPLETED
2693	UAIL/LDC/FY24/GWP/31	WO370726	ROLLER REPLACEMENT WORK AT C1A CV5.	C1A HEADEND	C1A-669-002-CV5,	UAIL/LDC/FY24/WHP/6	05-04-2023 15:00	05-04-2023 16:46	COMPLETED
2697	UAIL/LDC/FY24/GWP/26	PM330504	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	04-04-2023 15:25	04-04-2023 17:53	COMPLETED
2699	UAIL/LDC/FY24/GWP/24	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	04-04-2023 15:11	04-04-2023 17:38	COMPLETED
2701	UAIL/LDC/FY24/GWP/21	W/O	3.15 MM SHEET FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/5	04-04-2023 09:40	04-04-2023 17:57	COMPLETED

2702	UAIL/LDC/FY24/GWP/20	W/O	AREA HOUSE KEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	03-04-2023 15:56	03-04-2023 17:19	COMPLETED
2703	UAIL/LDC/FY24/GWP/19	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	03-04-2023 14:57	03-04-2023 17:40	COMPLETED
2704	UAIL/LDC/FY24/GWP/18	W/O	TORQUING OF LOWSPEED COUPLING	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	03-04-2023 14:54	03-04-2023 17:40	COMPLETED
2705	UAIL/LDC/FY24/GWP/17	WO368957	ROLLER REPLACEMENT WORK AT C1A CURVE 9 & 1 AREA	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/2	03-04-2023 14:43	03-04-2023 17:41	COMPLETED
2708	UAIL/LDC/FY24/GWP/14	W/O	SAFETY GUARD FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/HWP/3	03-04-2023 09:34	03-04-2023 17:47	COMPLETED
2710	UAIL/LDC/FY24/GWP/12	W/O	PULLEY SURFACE STRIKER FIT-UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/2	02-04-2023 13:59	02-04-2023 14:49	COMPLETED
2711	UAIL/LDC/FY24/GWP/11	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	01-04-2023 19:18	01-04-2023 22:24	COMPLETED
2713	UAIL/LDC/FY24/GWP/8	PM330512	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	01-04-2023 09:35	01-04-2023 15:22	COMPLETED
2714	UAIL/LDC/FY24/GWP/7	W/O	EQUIPMENT CLEANING & BOLT TIGHTNESS CHECKING WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	01-04-2023 08:45	01-04-2023 16:54	COMPLETED
2715	UAIL/LDC/FY24/GWP/6	W/O	AREA HOUSEKEEPING WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	01-04-2023 08:39	01-04-2023 15:25	COMPLETED
2718	UAIL/LDC/FY24/GWP/3	W/O	AREA HOUSEKEEPING WORK AT C1A HEADEND AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	01-04-2023 07:47	01-04-2023 16:08	COMPLETED
2719	UAIL/LDC/FY24/GWP/1	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY24/HWP/1; UAIL/LDC/FY24/WHP/1	01-04-2023 06:39	01-04-2023 22:11	COMPLETED
2720	UAIL/LDC/FY23/GWP/5365	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY23/WHP/804	31-03-2023 23:27	01-04-2023 06:20	COMPLETED
2721	UAIL/LDC/FY23/GWP/5364	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/803	31-03-2023 20:58	01-04-2023 05:48	COMPLETED
2724	UAIL/LDC/FY23/GWP/5360	PM330511	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	31-03-2023 17:02	31-03-2023 17:57	COMPLETED
2725	UAIL/LDC/FY23/GWP/5359	PM330509	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	31-03-2023 16:48	31-03-2023 17:58	COMPLETED
2727	UAIL/LDC/FY23/GWP/5355	W/O	AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	31-03-2023 10:00	31-03-2023 16:52	COMPLETED
2728	UAIL/LDC/FY23/GWP/5354	WO341192	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/802	31-03-2023 09:40	31-03-2023 16:55	COMPLETED
2729	UAIL/LDC/FY23/GWP/5353	WO356304	LINER PLATE REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/133; UAIL/LDC/FY23/HWP/565; UAIL/LDC/FY23/WHP/801	31-03-2023 08:20	31-03-2023 12:21	COMPLETED
2730	UAIL/LDC/FY23/GWP/5352	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY23/WHP/800	31-03-2023 08:01	31-03-2023 23:00	COMPLETED
2732	UAIL/LDC/FY23/GWP/5345	WO354314	LAGGING REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	UAIL/LDC/FY23/HWP/563; UAIL/LDC/FY23/WHP/798	31-03-2023 00:06	31-03-2023 06:01	COMPLETED
2734	UAIL/LDC/FY23/GWP/5343	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY23/HWP/562; UAIL/LDC/FY23/WHP/797	30-03-2023 23:21	31-03-2023 06:26	COMPLETED
2738	UAIL/LDC/FY23/GWP/5339	WO354320	HIGH SPEED SOUPLING PM WORK.	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	30-03-2023 09:04	30-03-2023 17:45	COMPLETED
2739	UAIL/LDC/FY23/GWP/5337	PM330504	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/132; UAIL/LDC/FY23/HWP/561; UAIL/LDC/FY23/WHP/795	30-03-2023 09:36	30-03-2023 23:35	COMPLETED
2740	UAIL/LDC/FY23/GWP/5336	WO354314	LAGGING REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	UAIL/LDC/FY23/HWP/560; UAIL/LDC/FY23/WHP/794	30-03-2023 07:53	30-03-2023 23:27	COMPLETED
2741	UAIL/LDC/FY23/GWP/5334	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY23/HWP/559; UAIL/LDC/FY23/WHP/793	30-03-2023 07:24	30-03-2023 22:57	COMPLETED
2742	UAIL/LDC/FY23/GWP/5332	PM330502	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-HALF YEARLY	C1A HEADEND	DFS-C1B-669-004-AC2,	N/R	30-03-2023 03:30	30-03-2023 05:05	COMPLETED
2743	UAIL/LDC/FY23/GWP/5331	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY23/HWP/558; UAIL/LDC/FY23/WHP/790	29-03-2023 23:14	30-03-2023 23:03	COMPLETED
2744	UAIL/LDC/FY23/GWP/5330	W/O	C1B T.E T/O -90 DEG. PULLEY LAGGING WORK.	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-90ºL	UAIL/LDC/FY23/HWP/557	29-03-2023 19:49	30-03-2023 03:21	COMPLETED
2747	UAIL/LDC/FY23/GWP/5327	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	29-03-2023 16:08	29-03-2023 22:41	COMPLETED
2748	UAIL/LDC/FY23/GWP/5326	WO354232	LAGGING REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	UAIL/LDC/FY23/HWP/556; UAIL/LDC/FY23/WHP/791; UAIL/LDC/FY23/WHP/792	29-03-2023 16:15	30-03-2023 05:56	COMPLETED
2751	UAIL/LDC/FY23/GWP/5320	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	29-03-2023 08:11	29-03-2023 17:25	COMPLETED
2752	UAIL/LDC/FY23/GWP/5318	WO341197	PULLEY REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	UAIL/LDC/FY23/HWP/555; UAIL/LDC/FY23/WHP/789	29-03-2023 07:59	30-03-2023 22:50	COMPLETED
2753	UAIL/LDC/FY23/GWP/5313	WO341189	LAGGING REPLACEMENT WORK	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	UAIL/LDC/FY23/HWP/554; UAIL/LDC/FY23/WHP/788	29-03-2023 06:46	29-03-2023 13:21	COMPLETED
2754	UAIL/LDC/FY23/GWP/5312	WO341189	LAGGING REPLACEMENT WORK	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	UAIL/LDC/FY23/HWP/553; UAIL/LDC/FY23/WHP/787	29-03-2023 04:05	29-03-2023 06:20	COMPLETED
2755	UAIL/LDC/FY23/GWP/5311	WO341189	LAGGING REPLACEMENT WORK	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	UAIL/LDC/FY23/HWP/552; UAIL/LDC/FY23/WHP/786	29-03-2023 01:40	29-03-2023 03:40	COMPLETED
2756	UAIL/LDC/FY23/GWP/5310	W/O	MATERIAL LIFTING AND SHIFTING	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/785	28-03-2023 23:08	29-03-2023 04:07	COMPLETED
2759	UAIL/LDC/FY23/GWP/5307	W/O	HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	28-03-2023 20:26	28-03-2023 22:37	COMPLETED
2760	UAIL/LDC/FY23/GWP/5306	WO341189	LAGGING REPLACEMENT WORK	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-T3BP2	UAIL/LDC/FY23/HWP/551; UAIL/LDC/FY23/WHP/783	28-03-2023 20:15	29-03-2023 01:04	COMPLETED
2764	UAIL/LDC/FY23/GWP/5297	PM330470	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	27-03-2023 15:39	27-03-2023 22:22	COMPLETED
2765	UAIL/LDC/FY23/GWP/5296	PM330469	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	27-03-2023 15:40	27-03-2023 22:22	COMPLETED

2766	UAIL/LDC/FY23/GWP/5295	WO340488	Nut bolt replacement work at C1a Discharge chute.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/131; UAIL/LDC/FY23/WHP/781	27-03-2023 15:29	27-03-2023 22:22	COMPLETED
2767	UAIL/LDC/FY23/GWP/5294	W/O	BELT NO-26284 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/549	27-03-2023 15:14	27-03-2023 22:22	COMPLETED
2771	UAIL/LDC/FY23/GWP/5285	W/O	3.15MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/546	27-03-2023 09:49	27-03-2023 17:30	COMPLETED
2772	UAIL/LDC/FY23/GWP/5284	W/O	HOESE KEEPING AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	N/R	26-03-2023 15:06	26-03-2023 17:53	COMPLETED
2773	UAIL/LDC/FY23/GWP/5283	W/O	BOLT TIGHTNESS WORK.	C1A HEADEND	CHT-C1A-669-002,	N/R	26-03-2023 15:08	26-03-2023 17:46	COMPLETED
2776	UAIL/LDC/FY23/GWP/5280	W/O	INSIDE BARRICATION HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	26-03-2023 14:50	26-03-2023 17:47	COMPLETED
2778	UAIL/LDC/FY23/GWP/5278	W/O	3.15 MM SHEET FITUP WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/545	26-03-2023 09:19	26-03-2023 17:09	COMPLETED
2780	UAIL/LDC/FY23/GWP/5276	W/O	AREA HOUSE KEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	25-03-2023 16:14	25-03-2023 20:37	COMPLETED
2782	UAIL/LDC/FY23/GWP/5274	PM330458	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	25-03-2023 16:02	25-03-2023 20:42	COMPLETED
2783	UAIL/LDC/FY23/GWP/5273	PM330454	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	UAIL/LDC/FY23/WHP/778	25-03-2023 15:51	25-03-2023 20:43	COMPLETED
2784	UAIL/LDC/FY23/GWP/5272	W/O	BRSS CHANNEL FITUP WORK	C1A HEADEND	C1A-669-002-HE,	N/R	25-03-2023 15:33	25-03-2023 17:45	COMPLETED
2785	UAIL/LDC/FY23/GWP/5271	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	25-03-2023 15:01	25-03-2023 20:43	COMPLETED
2787	UAIL/LDC/FY23/GWP/5269	WO340270	C1A BELT NO-26284 EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/544	25-03-2023 14:51	25-03-2023 20:43	COMPLETED
2790	UAIL/LDC/FY23/GWP/5266	W/O	FRAME FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/541	25-03-2023 09:46	25-03-2023 17:43	COMPLETED
2792	UAIL/LDC/FY23/GWP/5264	W/O	FRAME FIT-UP WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	24-03-2023 15:40	24-03-2023 18:22	COMPLETED
2796	UAIL/LDC/FY23/GWP/5258	PM330447	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	24-03-2023 15:16	24-03-2023 20:11	COMPLETED
2797	UAIL/LDC/FY23/GWP/5257	PM330446	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	24-03-2023 15:08	24-03-2023 20:05	COMPLETED
2799	UAIL/LDC/FY23/GWP/5254	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	24-03-2023 14:55	24-03-2023 20:18	COMPLETED
2800	UAIL/LDC/FY23/GWP/5251	WO340107	LAGGING REPLACEMENT WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	UAIL/LDC/FY23/HWP/540; UAIL/LDC/FY23/WHP/777	24-03-2023 14:46	24-03-2023 18:23	COMPLETED
2802	UAIL/LDC/FY23/GWP/5249	W/O	FRAME FIT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/538	24-03-2023 09:20	24-03-2023 18:23	COMPLETED
2804	UAIL/LDC/FY23/GWP/5247	W/O	NOZZLE CLEANING WORK.	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	23-03-2023 14:51	23-03-2023 17:33	COMPLETED
2805	UAIL/LDC/FY23/GWP/5246	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2023 14:30	23-03-2023 17:33	COMPLETED
2806	UAIL/LDC/FY23/GWP/5244	WO336630	C1A BELT NO-26284 EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/537	23-03-2023 14:12	23-03-2023 17:49	COMPLETED
2808	UAIL/LDC/FY23/GWP/5242	W/O	BRS PANNEL FRAME WELDING & CUTTING WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/536	23-03-2023 10:00	23-03-2023 17:44	COMPLETED
2810	UAIL/LDC/FY23/GWP/5240	W/O	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-CV1,	N/R	23-03-2023 06:57	23-03-2023 06:59	COMPLETED
2817	UAIL/LDC/FY23/GWP/5232	PM330419	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºT	N/R	22-03-2023 15:02	22-03-2023 17:42	COMPLETED
2820	UAIL/LDC/FY23/GWP/5228	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	22-03-2023 14:34	22-03-2023 17:46	COMPLETED
2821	UAIL/LDC/FY23/GWP/5225	W/O	SCRAPER ADJUSTMENT WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	21-03-2023 17:31	21-03-2023 19:53	COMPLETED
2824	UAIL/LDC/FY23/GWP/5220	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	21-03-2023 15:05	21-03-2023 19:26	COMPLETED
2825	UAIL/LDC/FY23/GWP/5219	PM330424	ASBESTOS ROPE FIT-UP WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/HWP/532	21-03-2023 14:57	21-03-2023 17:31	COMPLETED
2826	UAIL/LDC/FY23/GWP/5218	W/O	PIPELINE FITUP WORK	COMPRESSOR HOUSE	N/R	UAIL/LDC/FY23/HWP/531	21-03-2023 10:03	21-03-2023 16:42	COMPLETED
2827	UAIL/LDC/FY23/GWP/5216	W/O	3.15mm SHEET FIT-UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/530	21-03-2023 09:39	21-03-2023 16:44	COMPLETED
2828	UAIL/LDC/FY23/GWP/5215	W/O	PIPELINE FITUP WORK	COMPRESSOR HOUSE	C1B-669-001-HE,	UAIL/LDC/FY23/HWP/529	20-03-2023 15:05	20-03-2023 18:00	COMPLETED
2829	UAIL/LDC/FY23/GWP/5214	W/O	AREA HOUSE KEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	20-03-2023 14:41	20-03-2023 18:00	COMPLETED
2834	UAIL/LDC/FY23/GWP/5209	PM330390	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BP-PS-S24-PD-001-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-HPU,	N/R	20-03-2023 13:49	20-03-2023 18:13	COMPLETED
2835	UAIL/LDC/FY23/GWP/5208	PM330393	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºT	N/R	20-03-2023 13:49	20-03-2023 18:13	COMPLETED
2836	UAIL/LDC/FY23/GWP/5207	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	20-03-2023 13:31	20-03-2023 18:13	COMPLETED
2837	UAIL/LDC/FY23/GWP/5204	W/O	3.15 MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/528	20-03-2023 10:14	20-03-2023 17:51	COMPLETED
2838	UAIL/LDC/FY23/GWP/5203	PM330381	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-135º	N/R	19-03-2023 16:23	19-03-2023 17:38	COMPLETED
2839	UAIL/LDC/FY23/GWP/5202	PM330386	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	19-03-2023 16:28	19-03-2023 17:32	COMPLETED
2840	UAIL/LDC/FY23/GWP/5201	PM330383	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	19-03-2023 15:58	19-03-2023 17:32	COMPLETED

2841	UAIL/LDC/FY23/GWP/5200	PM330384	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	19-03-2023 15:58	19-03-2023 17:32	COMPLETED
2842	UAIL/LDC/FY23/GWP/5199	PM330385	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	19-03-2023 15:58	19-03-2023 17:32	COMPLETED
2843	UAIL/LDC/FY23/GWP/5198	PM330388	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	19-03-2023 15:58	19-03-2023 16:25	COMPLETED
2844	UAIL/LDC/FY23/GWP/5197	W/O	IINSIDE BARRICADE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	19-03-2023 15:28	19-03-2023 17:38	COMPLETED
2846	UAIL/LDC/FY23/GWP/5195	W/O	INSIDE BARRICADE AREA HOISEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	19-03-2023 15:10	19-03-2023 17:38	COMPLETED
2847	UAIL/LDC/FY23/GWP/5194	WO334980	ROLLER REPLACEMENT AT C1B TAIL END	C1B TAIL END	C1B-669-004-TE,	N/R	19-03-2023 14:56	19-03-2023 17:38	COMPLETED
2848	UAIL/LDC/FY23/GWP/5190	W/O	3.15 MM SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/527	19-03-2023 09:30	19-03-2023 17:11	COMPLETED
2849	UAIL/LDC/FY23/GWP/5189	PM330377	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	18-03-2023 16:32	18-03-2023 17:35	COMPLETED
2850	UAIL/LDC/FY23/GWP/5188	PM330376	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	18-03-2023 16:32	18-03-2023 17:35	COMPLETED
2851	UAIL/LDC/FY23/GWP/5187	PM330375	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	18-03-2023 16:32	18-03-2023 17:35	COMPLETED
2852	UAIL/LDC/FY23/GWP/5186	PM330372	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	18-03-2023 16:32	18-03-2023 17:36	COMPLETED
2853	UAIL/LDC/FY23/GWP/5185	PM330370	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	18-03-2023 16:32	18-03-2023 17:36	COMPLETED
2854	UAIL/LDC/FY23/GWP/5184	PM330374	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	18-03-2023 15:36	18-03-2023 16:25	COMPLETED
2855	UAIL/LDC/FY23/GWP/5183	PM330373	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	18-03-2023 15:37	18-03-2023 16:26	COMPLETED
2856	UAIL/LDC/FY23/GWP/5182	PM330362	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	18-03-2023 15:37	18-03-2023 16:26	COMPLETED
2857	UAIL/LDC/FY23/GWP/5181	PM330360	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	18-03-2023 15:37	18-03-2023 16:26	COMPLETED
2858	UAIL/LDC/FY23/GWP/5180	PM330359	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	18-03-2023 15:37	18-03-2023 16:26	COMPLETED
2861	UAIL/LDC/FY23/GWP/5177	W/O	INSIDE BARRICADE AREA HOUSEKEEPING.	C1B TAIL END	C1B-669-004-TE,	N/R	18-03-2023 14:54	18-03-2023 17:42	COMPLETED
2862	UAIL/LDC/FY23/GWP/5176	WO334409	ROLLER REPLACEMENT WORK AT C1B TAIL END.	C1B TAILEND	C1B-669-001-CV1,	N/R	18-03-2023 14:34	18-03-2023 17:42	COMPLETED
2864	UAIL/LDC/FY23/GWP/5171	W/O	3.15 MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/526	18-03-2023 09:20	18-03-2023 17:46	COMPLETED
2866	UAIL/LDC/FY23/GWP/5169	PM330222	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	17-03-2023 16:06	17-03-2023 17:41	COMPLETED
2867	UAIL/LDC/FY23/GWP/5168	PM330347	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	17-03-2023 16:06	17-03-2023 17:41	COMPLETED
2868	UAIL/LDC/FY23/GWP/5167	PM330346	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	17-03-2023 16:07	17-03-2023 17:41	COMPLETED
2869	UAIL/LDC/FY23/GWP/5166	PM330348	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	17-03-2023 15:31	17-03-2023 16:32	COMPLETED
2871	UAIL/LDC/FY23/GWP/5164	PM330351	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	17-03-2023 15:32	17-03-2023 16:32	COMPLETED
2872	UAIL/LDC/FY23/GWP/5163	PM330352	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	17-03-2023 15:32	17-03-2023 16:32	COMPLETED
2873	UAIL/LDC/FY23/GWP/5162	PM330356	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	17-03-2023 15:18	17-03-2023 17:41	COMPLETED
2874	UAIL/LDC/FY23/GWP/5161	WO331171	BELT NO-26284 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/525	17-03-2023 15:09	17-03-2023 17:53	COMPLETED
2877	UAIL/LDC/FY23/GWP/5157	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/523	17-03-2023 09:18	17-03-2023 18:05	COMPLETED
2878	UAIL/LDC/FY23/GWP/5156	W/O	INSIDE BARRICADE AREA HOUSEKEEPING.	C1A HEADEND	C1A-669-002-HE,	N/R	16-03-2023 15:26	16-03-2023 17:39	COMPLETED
2879	UAIL/LDC/FY23/GWP/5155	PM330335	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	16-03-2023 15:17	16-03-2023 17:30	COMPLETED
2880	UAIL/LDC/FY23/GWP/5153	WO334042	CSK NUT&BOLT REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/130; UAIL/LDC/FY23/WHP/772	16-03-2023 15:00	16-03-2023 17:30	COMPLETED
2881	UAIL/LDC/FY23/GWP/5152	W/O	C1B TAIL END AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	16-03-2023 14:45	16-03-2023 17:39	COMPLETED
2884	UAIL/LDC/FY23/GWP/5147	W/O	3.15 MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/521	16-03-2023 10:10	16-03-2023 16:39	COMPLETED
2885	UAIL/LDC/FY23/GWP/5146	PM330265	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	15-03-2023 10:49	15-03-2023 12:40	COMPLETED
2886	UAIL/LDC/FY23/GWP/5145	PM330264	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	15-03-2023 10:36	15-03-2023 12:42	COMPLETED
2887	UAIL/LDC/FY23/GWP/5144	PM330263	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	15-03-2023 10:27	15-03-2023 12:44	COMPLETED
2888	UAIL/LDC/FY23/GWP/5143	W/O	AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	15-03-2023 12:16	15-03-2023 12:26	COMPLETED
2890	UAIL/LDC/FY23/GWP/5141	PM330317	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	15-03-2023 09:46	15-03-2023 12:23	COMPLETED
2892	UAIL/LDC/FY23/GWP/5139	WO333804	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-HE,	N/R	15-03-2023 09:34	15-03-2023 12:18	COMPLETED
2894	UAIL/LDC/FY23/GWP/5137	PM330191	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	14-03-2023 16:21	14-03-2023 17:28	COMPLETED

2895	UAIL/LDC/FY23/GWP/5136	PM328579	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	14-03-2023 16:22	14-03-2023 17:28	COMPLETED
2896	UAIL/LDC/FY23/GWP/5135	PM328578	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	14-03-2023 16:22	14-03-2023 17:28	COMPLETED
2903	UAIL/LDC/FY23/GWP/5128	PM328529	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	14-03-2023 15:34	14-03-2023 16:20	COMPLETED
2904	UAIL/LDC/FY23/GWP/5127	PM328522	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	14-03-2023 15:34	14-03-2023 16:20	COMPLETED
2905	UAIL/LDC/FY23/GWP/5126	PM330198	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	14-03-2023 15:23	14-03-2023 17:06	COMPLETED
2906	UAIL/LDC/FY23/GWP/5125	PM330197	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	14-03-2023 15:23	14-03-2023 17:06	COMPLETED
2907	UAIL/LDC/FY23/GWP/5124	PM330196	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	14-03-2023 15:23	14-03-2023 17:06	COMPLETED
2908	UAIL/LDC/FY23/GWP/5123	PM330195	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	14-03-2023 15:24	14-03-2023 17:07	COMPLETED
2910	UAIL/LDC/FY23/GWP/5121	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	14-03-2023 14:57	14-03-2023 17:07	COMPLETED
2911	UAIL/LDC/FY23/GWP/5120	W/O	CHAIN BLOCK REMOVAL WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/771	14-03-2023 14:57	14-03-2023 17:07	COMPLETED
2913	UAIL/LDC/FY23/GWP/5113	W/O	3.15MM SHEET FIT-UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/518	14-03-2023 09:35	14-03-2023 17:52	COMPLETED
2914	UAIL/LDC/FY23/GWP/5112	PM328512	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-36-001-HALF YEARLY	C1A HEADEND	VGT-C1B-669-001-CB,	N/R	13-03-2023 17:09	13-03-2023 17:42	COMPLETED
2915	UAIL/LDC/FY23/GWP/5111	PM328521	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1B-669-001,BC-C1B-669-001-TMP2	N/R	13-03-2023 17:09	13-03-2023 17:42	COMPLETED
2917	UAIL/LDC/FY23/GWP/5109	PM328518	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	13-03-2023 16:37	13-03-2023 17:38	COMPLETED
2918	UAIL/LDC/FY23/GWP/5108	PM328517	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	13-03-2023 16:37	13-03-2023 17:38	COMPLETED
2919	UAIL/LDC/FY23/GWP/5107	PM328499	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	13-03-2023 16:38	13-03-2023 17:38	COMPLETED
2920	UAIL/LDC/FY23/GWP/5106	PM330289	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	13-03-2023 16:01	13-03-2023 16:47	COMPLETED
2921	UAIL/LDC/FY23/GWP/5105	PM328513	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	13-03-2023 16:39	13-03-2023 17:39	COMPLETED
2922	UAIL/LDC/FY23/GWP/5104	PM328487	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	13-03-2023 16:40	13-03-2023 17:39	COMPLETED
2923	UAIL/LDC/FY23/GWP/5103	W/O	AREA HOUSEKEEPING AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	13-03-2023 15:33	13-03-2023 17:41	COMPLETED
2924	UAIL/LDC/FY23/GWP/5102	PM328553	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-HALF YEARLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	13-03-2023 15:28	13-03-2023 16:37	COMPLETED
2925	UAIL/LDC/FY23/GWP/5101	PM328564	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	13-03-2023 15:29	13-03-2023 16:37	COMPLETED
2932	UAIL/LDC/FY23/GWP/5090	W/O	3.15 SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/516	13-03-2023 10:04	13-03-2023 17:20	COMPLETED
2934	UAIL/LDC/FY23/GWP/5077	W/O	ROLLER REPLACEMENT WORK	C1B TAILEND	C1B-669-004-TE,	N/R	11-03-2023 16:10	11-03-2023 17:56	COMPLETED
2937	UAIL/LDC/FY23/GWP/5074	W/O	AREA HOUSEKEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	11-03-2023 15:18	11-03-2023 17:40	COMPLETED
2938	UAIL/LDC/FY23/GWP/5073	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/767	11-03-2023 15:14	11-03-2023 18:01	COMPLETED
2940	UAIL/LDC/FY23/GWP/5071	W/O	SKRIT GUARD ADJUSTMENT	C1A HEADEND	CHT-C1A-669-003,	N/R	11-03-2023 15:03	11-03-2023 18:01	COMPLETED
2941	UAIL/LDC/FY23/GWP/5065	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-03-2023 14:48	11-03-2023 18:02	COMPLETED
2943	UAIL/LDC/FY23/GWP/5063	W/O	3.15MM SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/514	11-03-2023 09:24	11-03-2023 17:40	COMPLETED
2944	UAIL/LDC/FY23/GWP/5062	PM330223	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-180°T	N/R	10-03-2023 16:50	10-03-2023 17:41	COMPLETED
2947	UAIL/LDC/FY23/GWP/5054	PM330252	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	10-03-2023 15:13	10-03-2023 17:41	COMPLETED
2950	UAIL/LDC/FY23/GWP/5050	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	10-03-2023 14:57	10-03-2023 17:37	COMPLETED
2951	UAIL/LDC/FY23/GWP/5049	WO332142	ROLLER REPLACEMENT WORK AT C1A	C1A HEADEND	C1A-669-002-CV9,	N/R	10-03-2023 14:59	10-03-2023 17:33	COMPLETED
2952	UAIL/LDC/FY23/GWP/5047	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/513	10-03-2023 09:10	10-03-2023 17:27	COMPLETED
2960	UAIL/LDC/FY23/GWP/5034	W/O	AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	09-03-2023 15:33	09-03-2023 17:40	COMPLETED
2963	UAIL/LDC/FY23/GWP/5030	W/O	3.15 SHEETING WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/511	09-03-2023 09:50	10-03-2023 06:33	COMPLETED
2964	UAIL/LDC/FY23/GWP/5029	PM328549	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-006-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	08-03-2023 08:52	08-03-2023 12:28	COMPLETED
2965	UAIL/LDC/FY23/GWP/5028	PM328547	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-005-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY4	N/R	08-03-2023 08:53	08-03-2023 12:29	COMPLETED
2968	UAIL/LDC/FY23/GWP/5025	PM330210	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	07-03-2023 16:15	07-03-2023 17:42	COMPLETED
2972	UAIL/LDC/FY23/GWP/5020	W/O	AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	07-03-2023 15:38	07-03-2023 17:41	COMPLETED
2974	UAIL/LDC/FY23/GWP/5018	WO330681	ROLLER REPLACEMENT WORK AT C1A CURVE-7 .	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/765	07-03-2023 15:16	07-03-2023 16:05	COMPLETED

2975	UAIL/LDC/FY23/GWP/5017	WO330691	LINER PLATE REPLACEMENT WORK AT C1A HEAD END.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/126; UAIL/LDC/FY23/HWP/510; UAIL/LDC/FY23/WHP/764	07-03-2023 15:07	07-03-2023 17:35	COMPLETED
2976	UAIL/LDC/FY23/GWP/5011	W/O	DSS PUMP 1 BOLT TIGHTNESS CHECKING	C1B TAIL END	N/R	N/R	07-03-2023 10:56	07-03-2023 13:01	COMPLETED
2977	UAIL/LDC/FY23/GWP/5010	W/O	3.15 mm SHEET FIT-UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/509	07-03-2023 09:47	07-03-2023 14:38	COMPLETED
2981	UAIL/LDC/FY23/GWP/5005	W/O	INSIDE AREA HOUSEKEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	06-03-2023 15:25	06-03-2023 18:06	COMPLETED
2984	UAIL/LDC/FY23/GWP/5002	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	06-03-2023 15:09	06-03-2023 18:09	COMPLETED
2986	UAIL/LDC/FY23/GWP/4999	PM328496	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/125; UAIL/LDC/FY23/WHP/763	06-03-2023 15:03	06-03-2023 18:10	COMPLETED
2989	UAIL/LDC/FY23/GWP/4996	WO331164	ROLLER REPLACEMENT WORK AT C1A CURVE-9 .	C1A HEADEND	C1A-669-002-CV9,	N/R	06-03-2023 14:44	06-03-2023 18:10	COMPLETED
2990	UAIL/LDC/FY23/GWP/4994	WO331171	BELT NO-26284 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/508	06-03-2023 14:08	06-03-2023 18:16	COMPLETED
2992	UAIL/LDC/FY23/GWP/4992	W/O	COUPLING REPLACEMENT OF PUMP-1	C1B TAIL END	DFS-C1B-669-004-PP1,	N/R	06-03-2023 11:09	06-03-2023 19:31	COMPLETED
2993	UAIL/LDC/FY23/GWP/4991	W/O	3.15 SHEET FIT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/506	06-03-2023 09:53	06-03-2023 17:50	COMPLETED
2994	UAIL/LDC/FY23/GWP/4990	W/O	3.15MM SHEET FITUP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/505	05-03-2023 09:55	05-03-2023 17:14	COMPLETED
2995	UAIL/LDC/FY23/GWP/4988	PM328526	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	05-03-2023 08:13	05-03-2023 11:47	COMPLETED
2996	UAIL/LDC/FY23/GWP/4987	PM328527	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-004-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY2	N/R	05-03-2023 08:05	05-03-2023 11:48	COMPLETED
2997	UAIL/LDC/FY23/GWP/4986	PM328523	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GC-T-50-48-007-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002,ABS-C1A-669-002-CY3	N/R	05-03-2023 08:05	05-03-2023 11:48	COMPLETED
2998	UAIL/LDC/FY23/GWP/4985	PM328520	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TK-EL-HO-2L-001-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	05-03-2023 08:05	05-03-2023 11:48	COMPLETED
2999	UAIL/LDC/FY23/GWP/4984	PM328551	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	04-03-2023 16:58	04-03-2023 17:48	COMPLETED
3000	UAIL/LDC/FY23/GWP/4983	PM328562	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	04-03-2023 16:58	04-03-2023 17:49	COMPLETED
3001	UAIL/LDC/FY23/GWP/4982	PM328558	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	04-03-2023 16:58	04-03-2023 17:49	COMPLETED
3002	UAIL/LDC/FY23/GWP/4981	PM328550	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	04-03-2023 16:41	04-03-2023 17:44	COMPLETED
3003	UAIL/LDC/FY23/GWP/4980	PM328548	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	04-03-2023 16:33	04-03-2023 17:44	COMPLETED
3004	UAIL/LDC/FY23/GWP/4979	PM328546	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	04-03-2023 16:33	04-03-2023 17:45	COMPLETED
3005	UAIL/LDC/FY23/GWP/4978	PM328543	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	04-03-2023 16:34	04-03-2023 17:45	COMPLETED
3006	UAIL/LDC/FY23/GWP/4977	PM328541	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	04-03-2023 16:34	04-03-2023 17:45	COMPLETED
3007	UAIL/LDC/FY23/GWP/4974	PM328557	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	04-03-2023 15:51	04-03-2023 16:43	COMPLETED
3008	UAIL/LDC/FY23/GWP/4973	PM328556	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	04-03-2023 15:51	04-03-2023 16:43	COMPLETED
3009	UAIL/LDC/FY23/GWP/4972	PM328555	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	04-03-2023 15:52	04-03-2023 16:43	COMPLETED
3014	UAIL/LDC/FY23/GWP/4967	PM328560	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	04-03-2023 15:09	04-03-2023 16:44	COMPLETED
3015	UAIL/LDC/FY23/GWP/4966	W/O	INSIDE BARRICADE AREA HOUSEKEEPING.	C1B TAIL END	C1B-669-004-TE,	N/R	04-03-2023 14:59	04-03-2023 17:49	COMPLETED
3017	UAIL/LDC/FY23/GWP/4964	W/O	3.15 SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/504	04-03-2023 12:06	04-03-2023 18:01	COMPLETED
3018	UAIL/LDC/FY23/GWP/4963	WO330915	ROLLER REPLACEMENT WORK AT C1A CURVE-9 AREA.	C1A HEADEND	C1A-669-002-CV9,	N/R	04-03-2023 11:04	04-03-2023 11:40	COMPLETED
3019	UAIL/LDC/FY23/GWP/4960	W/O	COUPLING REPALCEMENT WORK	C1B TAILEND	DFS-C1B-669-004-PP4,	N/R	03-03-2023 14:24	03-03-2023 16:24	COMPLETED
3020	UAIL/LDC/FY23/GWP/4955	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/503	03-03-2023 09:11	03-03-2023 17:24	COMPLETED
3021	UAIL/LDC/FY23/GWP/4954	W/O	3.15 SHEET FIT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/502	02-03-2023 14:35	02-03-2023 17:26	COMPLETED
3022	UAIL/LDC/FY23/GWP/4953	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE	N/R	01-03-2023 22:57	02-03-2023 01:46	COMPLETED
3023	UAIL/LDC/FY23/GWP/4952	PM273251	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	01-03-2023 19:48	01-03-2023 21:24	COMPLETED
3024	UAIL/LDC/FY23/GWP/4950	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	01-03-2023 15:09	01-03-2023 21:26	COMPLETED
3026	UAIL/LDC/FY23/GWP/4947	W/O	PULLEY LAGGING WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	UAIL/LDC/FY23/HWP/501	01-03-2023 10:42	01-03-2023 17:33	COMPLETED
3027	UAIL/LDC/FY23/GWP/4946	W/O	C1B BELT 26424 EDGE REPAIR WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/500	01-03-2023 10:06	01-03-2023 17:35	COMPLETED
3029	UAIL/LDC/FY23/GWP/4944	W/O	AREA HOUSE KEEPING WORK AT C1A HEADEND AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	01-03-2023 07:51	01-03-2023 14:08	COMPLETED
3030	UAIL/LDC/FY23/GWP/4943	W/O	CHAIN BLOCK REMOVAL WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/754	01-03-2023 07:37	01-03-2023 14:08	COMPLETED
3031	UAIL/LDC/FY23/GWP/4942	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	N/R	28-02-2023 23:34	01-03-2023 01:21	COMPLETED

3032	UAIL/LDC/FY23/GWP/4941	W/O	HIGH SPEED COUPLING LUBRICATION WORK.	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	28-02-2023 17:53	28-02-2023 21:45	COMPLETED
3034	UAIL/LDC/FY23/GWP/4939	W/O	EQUIPMENT CLEANING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	28-02-2023 12:12	28-02-2023 17:57	COMPLETED
3035	UAIL/LDC/FY23/GWP/4938	W/O	ROLLER REPLACEMENT WORK.	C1A HEADEND	C1A-669-002-CV9,	UAIL/LDC/FY23/WHP/753	28-02-2023 11:48	28-02-2023 17:57	COMPLETED
3036	UAIL/LDC/FY23/GWP/4936	W/O	CHUTE MAINTENNCE WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/124; UAIL/LDC/FY23/HWP/499; UAIL/LDC/FY23/WHP/751	28-02-2023 11:31	28-02-2023 17:54	COMPLETED
3038	UAIL/LDC/FY23/GWP/4931	W/O	AREA HOUSE KEEPING WORK AT C1A HEADEND AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	28-02-2023 09:29	28-02-2023 17:48	COMPLETED
3044	UAIL/LDC/FY23/GWP/4925	PM273263	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	28-02-2023 07:53	28-02-2023 11:04	COMPLETED
3046	UAIL/LDC/FY23/GWP/4923	W/O	CHAIN BLOCK REMOVAL WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/750	28-02-2023 07:39	28-02-2023 17:49	COMPLETED
3047	UAIL/LDC/FY23/GWP/4922	W/O	HIGH SPEED COUPLING LUBRICATION WORK.	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	28-02-2023 07:27	30-03-2023 17:31	COMPLETED
3049	UAIL/LDC/FY23/GWP/4919	WO301743	LINER REPLACEMENT OF C1A DISCHARGE CHUTE	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/123; UAIL/LDC/FY23/HWP/498; UAIL/LDC/FY23/WHP/748	28-02-2023 00:01	28-02-2023 05:00	COMPLETED
3050	UAIL/LDC/FY23/GWP/4918	WO300688	SECONDARY DRIVE PULLEY 2 LAGGING WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	UAIL/LDC/FY23/HWP/496; UAIL/LDC/FY23/WHP/747	27-02-2023 23:29	28-02-2023 06:47	COMPLETED
3053	UAIL/LDC/FY23/GWP/4915	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	27-02-2023 16:05	27-02-2023 20:30	COMPLETED
3054	UAIL/LDC/FY23/GWP/4914	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	27-02-2023 15:47	27-02-2023 23:03	COMPLETED
3057	UAIL/LDC/FY23/GWP/4909	WO300686	SNUB PULLEY LAGGING WORK AT C1A HEAD END.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	UAIL/LDC/FY23/HWP/495; UAIL/LDC/FY23/WHP/746	27-02-2023 14:41	28-02-2023 00:12	COMPLETED
3058	UAIL/LDC/FY23/GWP/4908	WO300697	GEAR BOX-3 OIL SEAL REPLACEMET.	C1A HEADEND	BC-C1A-669-002-GB3,	UAIL/LDC/FY23/WHP/745	27-02-2023 14:28	28-02-2023 03:01	COMPLETED
3061	UAIL/LDC/FY23/GWP/4903	PM273177	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	26-02-2023 15:05	26-02-2023 17:44	COMPLETED
3064	UAIL/LDC/FY23/GWP/4900	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	26-02-2023 14:55	26-02-2023 17:44	COMPLETED
3066	UAIL/LDC/FY23/GWP/4898	W/O	CHUTE DOOR REMOVAL WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/494	26-02-2023 14:40	26-02-2023 17:50	COMPLETED
3068	UAIL/LDC/FY23/GWP/4896	W/O	SKIRT GUARD RUBBER ADJUSTMENT	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	25-02-2023 16:05	25-02-2023 18:58	COMPLETED
3069	UAIL/LDC/FY23/GWP/4893	PM273235	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	25-02-2023 15:38	25-02-2023 18:58	COMPLETED
3070	UAIL/LDC/FY23/GWP/4892	W/O	AREA HOUSE KEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	25-02-2023 15:26	25-02-2023 18:55	COMPLETED
3071	UAIL/LDC/FY23/GWP/4891	WO300496	ROLLER REPLACEMENT WORK AT CV-9	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/WHP/744	25-02-2023 15:17	25-02-2023 18:55	COMPLETED
3072	UAIL/LDC/FY23/GWP/4890	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	25-02-2023 15:01	25-02-2023 18:56	COMPLETED
3074	UAIL/LDC/FY23/GWP/4888	W/O	SCRAPPER FRAME FIRT UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/493	25-02-2023 14:29	25-02-2023 17:07	COMPLETED
3076	UAIL/LDC/FY23/GWP/4886	W/O	SKIRT RUBBER REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	24-02-2023 16:39	24-02-2023 17:38	COMPLETED
3080	UAIL/LDC/FY23/GWP/4881	W/O	AREA HOUSE KEEPING WORK AT C1B TAILEND AREA .	C1B TAILEND	C1B-669-001-HE,	N/R	24-02-2023 14:41	24-02-2023 17:28	COMPLETED
3082	UAIL/LDC/FY23/GWP/4879	W/O	SCRAPER ADJUSTMENT WORK.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	24-02-2023 14:37	24-02-2023 16:37	COMPLETED
3083	UAIL/LDC/FY23/GWP/4875	W/O	CHUTE DOOR FITUP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/491	24-02-2023 14:24	24-02-2023 17:40	COMPLETED
3084	UAIL/LDC/FY23/GWP/4874	W/O	C1A AREA HOUSE KEPPING	C1A HEADEND	C1A-669-002-HE,	N/R	24-02-2023 14:22	24-02-2023 17:32	COMPLETED
3089	UAIL/LDC/FY23/GWP/4868	W/O	SHEAVE PULLEY LUBRICATION CATRIDGE FIT-UP WORK.	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	UAIL/LDC/FY23/WHP/741	23-02-2023 17:32	23-02-2023 17:34	COMPLETED
3090	UAIL/LDC/FY23/GWP/4867	W/O	C1A DISCHARGE CHUTE INSPECTION DOOR MODIFICATION WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/HWP/489	23-02-2023 17:37	23-02-2023 17:38	COMPLETED
3092	UAIL/LDC/FY23/GWP/4865	PM273229	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	23-02-2023 17:37	23-02-2023 17:37	COMPLETED
3094	UAIL/LDC/FY23/GWP/4863	PM273214	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/122; UAIL/LDC/FY23/WHP/740	23-02-2023 17:32	23-02-2023 17:33	COMPLETED
3096	UAIL/LDC/FY23/GWP/4861	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	23-02-2023 14:51	23-02-2023 17:17	COMPLETED
3100	UAIL/LDC/FY23/GWP/4857	WO296824	C1A BELT 26284 EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/488	23-02-2023 14:30	23-02-2023 18:09	COMPLETED
3102	UAIL/LDC/FY23/GWP/4852	W/O	FABRICATION WORK .	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/487	23-02-2023 10:38	23-02-2023 18:14	COMPLETED
3104	UAIL/LDC/FY23/GWP/4850	W/O	SHEAVE PULLEY CARTRIDGE REFILL	C1A HEADEND	C1A-669-002-HE,	N/R	22-02-2023 10:25	22-02-2023 13:43	COMPLETED
3105	UAIL/LDC/FY23/GWP/4849	W/O	LUBRICATION AND CLEANING	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	UAIL/LDC/FY23/WHP/738	22-02-2023 09:24	22-02-2023 09:30	COMPLETED
3106	UAIL/LDC/FY23/GWP/4847	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/485; UAIL/LDC/FY23/WHP/737	22-02-2023 09:15	22-02-2023 11:29	COMPLETED
3108	UAIL/LDC/FY23/GWP/4845	PM273195	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-DISC,	N/R	22-02-2023 08:33	22-02-2023 09:30	COMPLETED
3109	UAIL/LDC/FY23/GWP/4844	PM273183	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-QUARTERLY	C1B TAILEND	HDB-C1B-669-004-HPU,	N/R	22-02-2023 08:26	22-02-2023 09:31	COMPLETED
3111	UAIL/LDC/FY23/GWP/4842	PM273201	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-008-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	22-02-2023 08:16	22-02-2023 09:31	COMPLETED

3112	UAIL/LDC/FY23/GWP/4841	PM273200	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	22-02-2023 08:16	22-02-2023 09:31	COMPLETED
3123	UAIL/LDC/FY23/GWP/4828	PM273199	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,	N/R	21-02-2023 17:45	21-02-2023 17:46	COMPLETED
3124	UAIL/LDC/FY23/GWP/4827	PM273198	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-GB-EC-500-20-B3-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	21-02-2023 15:12	21-02-2023 17:46	COMPLETED
3126	UAIL/LDC/FY23/GWP/4825	W/O	HOUSE KEEPING WORK AT C1A HEADEND AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	21-02-2023 14:59	21-02-2023 17:46	COMPLETED
3128	UAIL/LDC/FY23/GWP/4823	W/O	HOUSE KEEPING WORK AT C1A HEADEND AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	21-02-2023 17:45	21-02-2023 17:46	COMPLETED
3130	UAIL/LDC/FY23/GWP/4821	W/O	WELDING AND CUTTING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/481; UAIL/LDC/FY23/WHP/732	21-02-2023 14:38	21-02-2023 17:31	COMPLETED
3134	UAIL/LDC/FY23/GWP/4814	PM273177	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	20-02-2023 15:50	20-02-2023 19:43	COMPLETED
3137	UAIL/LDC/FY23/GWP/4808	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	20-02-2023 15:06	20-02-2023 19:43	COMPLETED
3138	UAIL/LDC/FY23/GWP/4806	WO287259	ROLLER REPLACEMENT WORK AT C1A CURVE-9	C1A HEADEND	C1A-669-002-HE	N/R	20-02-2023 14:59	20-02-2023 19:43	COMPLETED
3139	UAIL/LDC/FY23/GWP/4803	WO287261	BELT NO-26216 EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/479	20-02-2023 14:47	20-02-2023 19:43	COMPLETED
3141	UAIL/LDC/FY23/GWP/4798	PM273157	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	18-02-2023 16:41	18-02-2023 17:49	COMPLETED
3142	UAIL/LDC/FY23/GWP/4797	PM273156	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	18-02-2023 16:41	18-02-2023 17:49	COMPLETED
3143	UAIL/LDC/FY23/GWP/4796	PM273150	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	18-02-2023 16:41	18-02-2023 17:49	COMPLETED
3144	UAIL/LDC/FY23/GWP/4795	PM273149	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	18-02-2023 16:41	18-02-2023 17:49	COMPLETED
3145	UAIL/LDC/FY23/GWP/4794	PM273151	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	N/R	18-02-2023 16:03	18-02-2023 17:50	COMPLETED
3146	UAIL/LDC/FY23/GWP/4793	PM273155	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP4	N/R	18-02-2023 16:47	18-02-2023 17:35	COMPLETED
3147	UAIL/LDC/FY23/GWP/4792	PM273154	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP3	N/R	18-02-2023 16:47	18-02-2023 17:35	COMPLETED
3148	UAIL/LDC/FY23/GWP/4791	PM273153	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	18-02-2023 16:47	18-02-2023 17:35	COMPLETED
3149	UAIL/LDC/FY23/GWP/4790	PM273147	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	18-02-2023 15:49	18-02-2023 16:43	COMPLETED
3150	UAIL/LDC/FY23/GWP/4789	PM273152	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	18-02-2023 17:00	18-02-2023 17:36	COMPLETED
3151	UAIL/LDC/FY23/GWP/4788	PM273148	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-TP	N/R	18-02-2023 17:01	18-02-2023 17:36	COMPLETED
3153	UAIL/LDC/FY23/GWP/4785	W/O	HOUSEKEEPING WORK AT IMJH.	C1A HEADEND	C1A-669-002-HE,	N/R	18-02-2023 15:05	18-02-2023 16:43	COMPLETED
3154	UAIL/LDC/FY23/GWP/4782	W/O	DFDS NOZZLE CLEANING & REPLACEMENT WORK AT C1A H.E AREA	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/728	18-02-2023 14:59	18-02-2023 16:57	COMPLETED
3157	UAIL/LDC/FY23/GWP/4777	W/O	PLATFORM EXTENSION WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/477; UAIL/LDC/FY23/WHP/727	18-02-2023 08:00	20-02-2023 15:36	COMPLETED
3158	UAIL/LDC/FY23/GWP/4776	PM273139	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	17-02-2023 17:24	17-02-2023 17:55	COMPLETED
3159	UAIL/LDC/FY23/GWP/4775	PM273138	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	17-02-2023 17:24	17-02-2023 17:55	COMPLETED
3160	UAIL/LDC/FY23/GWP/4774	PM273137	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	17-02-2023 17:24	17-02-2023 17:55	COMPLETED
3161	UAIL/LDC/FY23/GWP/4773	PM273141	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	17-02-2023 17:25	17-02-2023 17:55	COMPLETED
3162	UAIL/LDC/FY23/GWP/4772	PM273140	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	17-02-2023 17:25	17-02-2023 17:55	COMPLETED
3163	UAIL/LDC/FY23/GWP/4771	PM273136	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	17-02-2023 16:50	17-02-2023 17:17	COMPLETED
3164	UAIL/LDC/FY23/GWP/4770	PM273134	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	17-02-2023 16:50	17-02-2023 17:18	COMPLETED
3165	UAIL/LDC/FY23/GWP/4769	PM273133	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	17-02-2023 16:50	17-02-2023 17:18	COMPLETED
3166	UAIL/LDC/FY23/GWP/4768	PM273132	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP2	N/R	17-02-2023 16:50	17-02-2023 17:18	COMPLETED
3167	UAIL/LDC/FY23/GWP/4767	PM273131	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-D-CR-14-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-DP1	N/R	17-02-2023 16:09	17-02-2023 16:44	COMPLETED
3168	UAIL/LDC/FY23/GWP/4766	PM273130	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	17-02-2023 16:10	17-02-2023 16:45	COMPLETED
3169	UAIL/LDC/FY23/GWP/4765	PM273128	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	17-02-2023 16:11	17-02-2023 16:45	COMPLETED
3170	UAIL/LDC/FY23/GWP/4763	PM273129	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	17-02-2023 15:31	17-02-2023 16:45	COMPLETED
3172	UAIL/LDC/FY23/GWP/4759	WO286950	BELT NO 26284 EDGE REPAIRING WORK.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/475	17-02-2023 14:48	17-02-2023 18:00	COMPLETED
3174	UAIL/LDC/FY23/GWP/4756	W/O	SCRAPER FITUP WORK .	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	UAIL/LDC/FY23/HWP/474	17-02-2023 14:16	17-02-2023 17:45	COMPLETED
3175	UAIL/LDC/FY23/GWP/4750	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/473; UAIL/LDC/FY23/WHP/725	17-02-2023 09:05	17-02-2023 17:44	COMPLETED
3176	UAIL/LDC/FY23/GWP/4748	PM273123	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	16-02-2023 16:26	16-02-2023 17:13	COMPLETED

3177	UAIL/LDC/FY23/GWP/4747	PM273122	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	16-02-2023 16:26	16-02-2023 17:14	COMPLETED
3178	UAIL/LDC/FY23/GWP/4746	PM273121	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	16-02-2023 16:26	16-02-2023 17:14	COMPLETED
3179	UAIL/LDC/FY23/GWP/4745	PM273119	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	16-02-2023 16:26	16-02-2023 17:14	COMPLETED
3180	UAIL/LDC/FY23/GWP/4744	PM273117	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	16-02-2023 16:26	16-02-2023 17:14	COMPLETED
3181	UAIL/LDC/FY23/GWP/4739	W/O	RECEPROCATING AIR COMPREESSOR FILTER CLEANING	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	16-02-2023 15:47	16-02-2023 17:09	COMPLETED
3182	UAIL/LDC/FY23/GWP/4738	W/O	SECONDARY SCRAPER REPLACEMENT	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	UAIL/LDC/FY23/CSE/121; UAIL/LDC/FY23/HWP/472; UAIL/LDC/FY23/WHP/724	16-02-2023 15:00	16-02-2023 17:10	COMPLETED
3186	UAIL/LDC/FY23/GWP/4734	W/O	SCREW COMPRESSOR -1 FILTER CLEANING WORK .	C1A HEADEND	C1A-669-002-HE,	N/R	16-02-2023 11:17	21-02-2023 14:43	COMPLETED
3187	UAIL/LDC/FY23/GWP/4733	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/470; UAIL/LDC/FY23/WHP/722	16-02-2023 09:27	21-02-2023 14:44	COMPLETED
3188	UAIL/LDC/FY23/GWP/4726	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	N/R	15-02-2023 15:10	15-02-2023 17:29	COMPLETED
3189	UAIL/LDC/FY23/GWP/4725	W/O	EQUIPMENT CLEANING AND ADJUSTMENT	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY23/WHP/721	15-02-2023 15:10	15-02-2023 17:29	COMPLETED
3190	UAIL/LDC/FY23/GWP/4724	W/O	INSIDE AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	15-02-2023 15:10	15-02-2023 17:29	COMPLETED
3194	UAIL/LDC/FY23/GWP/4719	WO282249	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-CV9,	UAIL/LDC/FY23/WHP/719	15-02-2023 11:48	15-02-2023 13:20	COMPLETED
3195	UAIL/LDC/FY23/GWP/4718	PM273099	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-007-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB4,	N/R	15-02-2023 13:32	15-02-2023 17:18	COMPLETED
3196	UAIL/LDC/FY23/GWP/4717	PM273098	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	15-02-2023 13:30	15-02-2023 17:18	COMPLETED
3198	UAIL/LDC/FY23/GWP/4714	PM273097	MECHANICAL-LDC CBM-UM-LDC-E-GB-EC-500-20-B3-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	15-02-2023 11:48	15-02-2023 13:30	COMPLETED
3199	UAIL/LDC/FY23/GWP/4713	WO283087	ROLLER REPLACEMENT WORK AT C1B CONVEYOR.	C1B TAILEND	C1B-669-004-TE,	N/R	15-02-2023 10:10	15-02-2023 11:55	COMPLETED
3201	UAIL/LDC/FY23/GWP/4709	PM273100	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	15-02-2023 09:36	15-02-2023 11:45	COMPLETED
3202	UAIL/LDC/FY23/GWP/4708	PM273095	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	15-02-2023 09:36	15-02-2023 11:45	COMPLETED
3204	UAIL/LDC/FY23/GWP/4706	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	15-02-2023 09:24	15-02-2023 17:19	COMPLETED
3205	UAIL/LDC/FY23/GWP/4704	WO282155	SKIRT BOARD RUBBER REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY23/WHP/717	14-02-2023 15:36	14-02-2023 22:33	COMPLETED
3206	UAIL/LDC/FY23/GWP/4703	WO283087	ROLLER REPLACEMENT WORK AT C1B CONVEYOR.	C1B TAIL END	C1B-669-004-TE,	N/R	14-02-2023 15:34	14-02-2023 22:31	COMPLETED
3207	UAIL/LDC/FY23/GWP/4702	W/O	C1A HEAD END INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	14-02-2023 15:23	14-02-2023 22:33	COMPLETED
3210	UAIL/LDC/FY23/GWP/4699	WO282154	DEFLECTOR LINER REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/118; UAIL/LDC/FY23/WHP/715	14-02-2023 15:06	14-02-2023 22:33	COMPLETED
3212	UAIL/LDC/FY23/GWP/4696	W/O	FLAT SCRAPER FITUP WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/467; UAIL/LDC/FY23/WHP/714	14-02-2023 14:47	14-02-2023 17:31	COMPLETED
3213	UAIL/LDC/FY23/GWP/4694	W/O	WELDING & GAS CUTTING WORK (DRIVE FLOOR GAP FILLUP WORK)	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/466	14-02-2023 09:45	14-02-2023 17:29	COMPLETED
3214	UAIL/LDC/FY23/GWP/4687	W/O	INSIDE AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	13-02-2023 15:20	13-02-2023 17:23	COMPLETED
3215	UAIL/LDC/FY23/GWP/4686	WO282155	SKIRT BOARD RUBBER REPLACEMENT WORK	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY23/WHP/713	13-02-2023 15:20	13-02-2023 16:50	COMPLETED
3217	UAIL/LDC/FY23/GWP/4683	W/O	HIGHSPEED COUPLING-1 PM	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	13-02-2023 15:09	13-02-2023 16:50	COMPLETED
3219	UAIL/LDC/FY23/GWP/4681	W/O	HOUSEKEEPING AT C1A HEAD END	C1A HEADEND	C1A-669-002-HE,	N/R	13-02-2023 15:01	13-02-2023 16:50	COMPLETED
3220	UAIL/LDC/FY23/GWP/4680	WO282154	DEFLECTOR LINER REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/117; UAIL/LDC/FY23/WHP/712	13-02-2023 15:02	13-02-2023 16:51	COMPLETED
3221	UAIL/LDC/FY23/GWP/4678	W/O	WELDING & CUTTING WORK (GAP CLOSING)	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/465	13-02-2023 09:25	13-02-2023 20:25	COMPLETED
3222	UAIL/LDC/FY23/GWP/4676	PM272855	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	12-02-2023 16:49	12-02-2023 17:29	COMPLETED
3223	UAIL/LDC/FY23/GWP/4675	PM272856	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	12-02-2023 16:49	12-02-2023 17:29	COMPLETED
3224	UAIL/LDC/FY23/GWP/4674	PM272857	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	12-02-2023 16:37	12-02-2023 16:50	COMPLETED
3225	UAIL/LDC/FY23/GWP/4673	PM272859	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	12-02-2023 16:37	12-02-2023 17:30	COMPLETED
3226	UAIL/LDC/FY23/GWP/4672	PM272861	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	12-02-2023 16:38	12-02-2023 17:30	COMPLETED
3228	UAIL/LDC/FY23/GWP/4670	PM272863	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	12-02-2023 16:51	12-02-2023 17:30	COMPLETED
3230	UAIL/LDC/FY23/GWP/4668	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	12-02-2023 16:18	12-02-2023 17:30	COMPLETED
3235	UAIL/LDC/FY23/GWP/4661	PM272854	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	12-02-2023 15:31	12-02-2023 16:08	COMPLETED
3236	UAIL/LDC/FY23/GWP/4660	PM272851	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	12-02-2023 15:32	12-02-2023 16:08	COMPLETED
3238	UAIL/LDC/FY23/GWP/4657	PM272851	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	12-02-2023 15:32	12-02-2023 16:08	COMPLETED

3239	UAIL/LDC/FY23/GWP/4655	PM272849	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	12-02-2023 15:32	12-02-2023 16:09	COMPLETED
3242	UAIL/LDC/FY23/GWP/4651	W/O	FLAT SCRAPER INSTALLATION AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/464	12-02-2023 14:37	12-02-2023 17:36	COMPLETED
3243	UAIL/LDC/FY23/GWP/4650	PM272848	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	12-02-2023 14:29	12-02-2023 16:11	COMPLETED
3246	UAIL/LDC/FY23/GWP/4646	W/O	PLATFORM GAP FILLUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/461	12-02-2023 10:01	12-02-2023 16:53	COMPLETED
3247	UAIL/LDC/FY23/GWP/4639	W/O	ROLLER REPLACEMENT WORK .	C1A HEADEND	C1A-669-002-CV9,	UAIL/LDC/FY23/WHP/710	11-02-2023 22:13	11-02-2023 22:45	COMPLETED
3248	UAIL/LDC/FY23/GWP/4632	PM273019	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	11-02-2023 15:47	11-02-2023 17:38	COMPLETED
3251	UAIL/LDC/FY23/GWP/4622	W/O	INSIDE AREA HOUSE KEEPING	C1B TAILEND	C1B-669-004-TE,	N/R	11-02-2023 15:15	11-02-2023 17:39	COMPLETED
3252	UAIL/LDC/FY23/GWP/4621	W/O	ZSS FRAME FITUP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/460; UAIL/LDC/FY23/WHP/709	11-02-2023 14:56	11-02-2023 17:39	COMPLETED
3254	UAIL/LDC/FY23/GWP/4619	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-02-2023 14:40	11-02-2023 17:39	COMPLETED
3256	UAIL/LDC/FY23/GWP/4617	WO282060	ROLLER REPLACEMENT WORK AT C1A	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/708	11-02-2023 14:34	11-02-2023 17:39	COMPLETED
3262	UAIL/LDC/FY23/GWP/4606	PM272988	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	10-02-2023 17:11	10-02-2023 17:11	COMPLETED
3263	UAIL/LDC/FY23/GWP/4605	PM272987	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	10-02-2023 16:51	10-02-2023 17:07	COMPLETED
3264	UAIL/LDC/FY23/GWP/4601	W/O	C1A DISCHARGE CHUTE MOTHER PLATE WELDING WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/HWP/457	10-02-2023 16:48	10-02-2023 16:49	COMPLETED
3266	UAIL/LDC/FY23/GWP/4598	W/O	I-SCRAPER INSTALLATION WORK AT C1B TAILEND .	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/456; UAIL/LDC/FY23/WHP/706	10-02-2023 15:05	10-02-2023 17:18	COMPLETED
3267	UAIL/LDC/FY23/GWP/4597	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	10-02-2023 14:43	10-02-2023 17:16	COMPLETED
3269	UAIL/LDC/FY23/GWP/4595	WO282947	BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/455	10-02-2023 14:34	10-02-2023 18:04	COMPLETED
3271	UAIL/LDC/FY23/GWP/4584	W/O	New Debris chute fabrication work	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/453	10-02-2023 09:51	10-02-2023 16:58	COMPLETED
3275	UAIL/LDC/FY23/GWP/4566	PM272910	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	08-02-2023 16:02	08-02-2023 16:03	COMPLETED
3277	UAIL/LDC/FY23/GWP/4564	PM272964	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	08-02-2023 16:00	08-02-2023 16:01	COMPLETED
3278	UAIL/LDC/FY23/GWP/4563	W/O	CLEANING OF OIL COOLER .	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	08-02-2023 14:58	08-02-2023 15:59	COMPLETED
3279	UAIL/LDC/FY23/GWP/4561	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	08-02-2023 14:45	08-02-2023 16:05	COMPLETED
3281	UAIL/LDC/FY23/GWP/4558	PM272960	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/116; UAIL/LDC/FY23/HWP/451; UAIL/LDC/FY23/WHP/704	08-02-2023 14:38	08-02-2023 16:22	COMPLETED
3290	UAIL/LDC/FY23/GWP/4537	W/O	NOZZLE CLEANING AND PROPER POSITIONING WORK.	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	UAIL/LDC/FY23/HWP/449	07-02-2023 17:15	07-02-2023 17:43	COMPLETED
3292	UAIL/LDC/FY23/GWP/4535	W/O	SKIRT BOARD RUBBER ADJUSTMENT WORK.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	07-02-2023 17:15	07-02-2023 17:32	COMPLETED
3293	UAIL/LDC/FY23/GWP/4534	PM272937	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	07-02-2023 17:16	07-02-2023 17:32	COMPLETED
3295	UAIL/LDC/FY23/GWP/4531	W/O	BOLT TIGHTNESS CHECKING WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/115; UAIL/LDC/FY23/WHP/703	07-02-2023 15:15	07-02-2023 17:36	COMPLETED
3296	UAIL/LDC/FY23/GWP/4530	PM272936	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	07-02-2023 15:00	07-02-2023 17:13	COMPLETED
3298	UAIL/LDC/FY23/GWP/4528	PM272935	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	07-02-2023 14:54	07-02-2023 17:10	COMPLETED
3299	UAIL/LDC/FY23/GWP/4526	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	07-02-2023 14:45	07-02-2023 17:32	COMPLETED
3301	UAIL/LDC/FY23/GWP/4522	W/O	DAMAGED CHEQUER PLATE WELDING WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/447	07-02-2023 09:16	07-02-2023 17:29	COMPLETED
3302	UAIL/LDC/FY23/GWP/4521	PM272924	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	06-02-2023 16:44	06-02-2023 17:49	COMPLETED
3303	UAIL/LDC/FY23/GWP/4520	PM272923	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	06-02-2023 16:38	06-02-2023 17:50	COMPLETED
3304	UAIL/LDC/FY23/GWP/4519	PM272922	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	06-02-2023 16:33	06-02-2023 17:50	COMPLETED
3305	UAIL/LDC/FY23/GWP/4518	PM272921	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180ºB	N/R	06-02-2023 16:28	06-02-2023 17:51	COMPLETED
3306	UAIL/LDC/FY23/GWP/4517	PM272920	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	06-02-2023 16:19	06-02-2023 17:51	COMPLETED
3307	UAIL/LDC/FY23/GWP/4516	W/O	AREA HOUSE KEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	06-02-2023 15:55	06-02-2023 17:45	COMPLETED
3311	UAIL/LDC/FY23/GWP/4511	WO281741	CHUTE MAINTENANCE WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/114; UAIL/LDC/FY23/WHP/702	06-02-2023 15:21	06-02-2023 17:46	COMPLETED
3314	UAIL/LDC/FY23/GWP/4507	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/699	06-02-2023 14:58	06-02-2023 17:46	COMPLETED
3320	UAIL/LDC/FY23/GWP/4496	W/O	EQUIPMENT CLEANING	C1A HEADEND	C1A-669-002-HE,	N/R	05-02-2023 16:33	05-02-2023 16:52	COMPLETED
3324	UAIL/LDC/FY23/GWP/4488	W/O	SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/444	05-02-2023 10:11	05-02-2023 17:07	COMPLETED
3325	UAIL/LDC/FY23/GWP/4484	PM272843	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	04-02-2023 17:33	04-02-2023 17:47	COMPLETED

3326	UAIL/LDC/FY23/GWP/4483	PM272841	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	04-02-2023 17:26	04-02-2023 17:47	COMPLETED
3330	UAIL/LDC/FY23/GWP/4479	PM272887	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	04-02-2023 16:55	04-02-2023 17:42	COMPLETED
3331	UAIL/LDC/FY23/GWP/4478	PM272886	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	04-02-2023 16:55	04-02-2023 17:42	COMPLETED
3332	UAIL/LDC/FY23/GWP/4477	PM272895	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	04-02-2023 16:55	04-02-2023 17:42	COMPLETED
3333	UAIL/LDC/FY23/GWP/4476	PM272894	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	04-02-2023 16:56	04-02-2023 17:31	COMPLETED
3337	UAIL/LDC/FY23/GWP/4472	PM272893	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	04-02-2023 16:16	04-02-2023 16:57	COMPLETED
3338	UAIL/LDC/FY23/GWP/4471	PM272892	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	04-02-2023 16:17	04-02-2023 16:57	COMPLETED
3339	UAIL/LDC/FY23/GWP/4470	PM272889	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	04-02-2023 16:17	04-02-2023 16:57	COMPLETED
3340	UAIL/LDC/FY23/GWP/4469	WO279828	SKIRT RUBBER ADJUSTMENT & REPLACEMENT WORK.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	04-02-2023 16:17	04-02-2023 17:02	COMPLETED
3342	UAIL/LDC/FY23/GWP/4467	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	04-02-2023 15:24	04-02-2023 16:49	COMPLETED
3346	UAIL/LDC/FY23/GWP/4463	PM272840	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/112; UAIL/LDC/FY23/HWP/443; UAIL/LDC/FY23/WHP/687	04-02-2023 15:10	04-02-2023 16:49	COMPLETED
3351	UAIL/LDC/FY23/GWP/4456	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/442; UAIL/LDC/FY23/WHP/660	04-02-2023 09:12	04-02-2023 17:09	COMPLETED
3355	UAIL/LDC/FY23/GWP/4451	W/O	PLATFORM EXTENSION WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/441; UAIL/LDC/FY23/WHP/659	03-02-2023 09:08	03-02-2023 17:14	COMPLETED
3358	UAIL/LDC/FY23/GWP/4448	PM261150	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	02-02-2023 02:39	02-02-2023 03:21	COMPLETED
3359	UAIL/LDC/FY23/GWP/4447	PM261145	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-001-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	02-02-2023 02:39	02-02-2023 03:21	COMPLETED
3363	UAIL/LDC/FY23/GWP/4443	W/O	HISPEED COUPLING PM WORK	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	01-02-2023 23:36	02-02-2023 04:23	COMPLETED
3373	UAIL/LDC/FY23/GWP/4432	WO273781	GEA BOX 4 LOW SPEED COUPLING BOLT TIGHTNESS CHECK	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	01-02-2023 15:02	02-02-2023 03:23	COMPLETED
3374	UAIL/LDC/FY23/GWP/4431	WO273784	GEAR BOX 3 LOW SPEED COUPLING BOLT TIGHTNESS CHECK.	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	01-02-2023 14:54	01-02-2023 22:51	COMPLETED
3378	UAIL/LDC/FY23/GWP/4426	W/O	AREA HOUSEKEEPING WORK.	C1B TAILEND	C1B-669-004-TE,	N/R	01-02-2023 15:45	01-02-2023 18:07	COMPLETED
3382	UAIL/LDC/FY23/GWP/4417	WO273767	T2 (BOTTOM) BEND PULLEY LAGGING WORK AT IMJH.	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	UAIL/LDC/FY23/HWP/436	01-02-2023 07:26	01-02-2023 22:45	COMPLETED
3384	UAIL/LDC/FY23/GWP/4415	W/O	HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	01-02-2023 07:00	01-02-2023 22:45	COMPLETED
3386	UAIL/LDC/FY23/GWP/4410	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/433; UAIL/LDC/FY23/WHP/656	31-01-2023 09:45	31-01-2023 17:36	COMPLETED
3388	UAIL/LDC/FY23/GWP/4408	PM261096	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-ART,	N/R	30-01-2023 16:42	30-01-2023 17:48	COMPLETED
3391	UAIL/LDC/FY23/GWP/4405	WO270592	CSK NUT BOLT REPLACEMENT WORK AT C1A DISCHARGE CHUTE	C1B TAIL END	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/110; UAIL/LDC/FY23/WHP/655	30-01-2023 15:20	30-01-2023 17:54	COMPLETED
3392	UAIL/LDC/FY23/GWP/4404	WO270591	SKIRT GUARD RUBBER REPLACEMENT AT IMJH	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	30-01-2023 15:20	30-01-2023 17:54	COMPLETED
3393	UAIL/LDC/FY23/GWP/4403	W/O	C1A HEAD END INSIDE HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	30-01-2023 15:03	30-01-2023 17:54	COMPLETED
3396	UAIL/LDC/FY23/GWP/4400	WO267250	EDGE REPAIR WORK AT C1A BELT NO 26197	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/432	30-01-2023 14:55	30-01-2023 17:55	COMPLETED
3397	UAIL/LDC/FY23/GWP/4398	W/O	3.15 SHEET FIT UP WORK.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/431; UAIL/LDC/FY23/WHP/653	30-01-2023 09:31	30-01-2023 18:34	COMPLETED
3402	UAIL/LDC/FY23/GWP/4393	PM261097	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	29-01-2023 15:37	29-01-2023 17:43	COMPLETED
3403	UAIL/LDC/FY23/GWP/4391	PM261091	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	29-01-2023 14:53	29-01-2023 17:45	COMPLETED
3404	UAIL/LDC/FY23/GWP/4390	W/O	housekeeping work at c1b tail end area.	C1B TAIL END	C1B-669-004-TE,	N/R	29-01-2023 14:54	29-01-2023 17:45	COMPLETED
3405	UAIL/LDC/FY23/GWP/4388	WO270541	C1A CONVEYOR EDGE REPAIR WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/430	29-01-2023 14:24	29-01-2023 17:45	COMPLETED
3407	UAIL/LDC/FY23/GWP/4386	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/429	29-01-2023 09:35	29-01-2023 17:22	COMPLETED
3409	UAIL/LDC/FY23/GWP/4383	PM261086	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-005-QUARTERLY	C1B TAILEND	BC-C1A-669-003-GB2,GB2-C1A-669-003-LSC-2	N/R	28-01-2023 16:15	28-01-2023 17:31	COMPLETED
3411	UAIL/LDC/FY23/GWP/4381	W/O	AREA HOUSE KEEPINH C1B TAILEND	C1B TAILEND	C1B-669-004-TE,	N/R	28-01-2023 15:50	28-01-2023 17:32	COMPLETED
3412	UAIL/LDC/FY23/GWP/4380	WO267189	SKIRT GUARD RUBBER REPLACEMENT	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	28-01-2023 15:34	28-01-2023 17:32	COMPLETED
3414	UAIL/LDC/FY23/GWP/4377	W/O	DISCHARGE CHUTE NUT BOLT REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/109; UAIL/LDC/FY23/HWP/426; UAIL/LDC/FY23/WHP/651	28-01-2023 15:00	28-01-2023 17:36	COMPLETED
3415	UAIL/LDC/FY23/GWP/4376	WO267185	C1A CONVEYOR EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/427	28-01-2023 14:47	28-01-2023 18:02	COMPLETED
3417	UAIL/LDC/FY23/GWP/4373	W/O	3.15 SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/424; UAIL/LDC/FY23/WHP/650	28-01-2023 09:34	28-01-2023 17:12	COMPLETED
3418	UAIL/LDC/FY23/GWP/4372	PM261081	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	27-01-2023 17:50	27-01-2023 17:51	COMPLETED
3421	UAIL/LDC/FY23/GWP/4369	W/O	SKIRT RUBBER REPLACEMENT WORK.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	27-01-2023 16:01	27-01-2023 17:53	COMPLETED

3422	UAIL/LDC/FY23/GWP/4368	PM261069	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC2,	N/R	27-01-2023 15:50	27-01-2023 17:44	COMPLETED
3424	UAIL/LDC/FY23/GWP/4365	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	27-01-2023 15:25	27-01-2023 17:55	COMPLETED
3425	UAIL/LDC/FY23/GWP/4364	WO270417	C1A CONVEYOR EDGE PATCHING WORK	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/423	27-01-2023 15:12	27-01-2023 18:27	COMPLETED
3427	UAIL/LDC/FY23/GWP/4362	PM261068	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC1,	N/R	27-01-2023 11:28	27-01-2023 17:48	COMPLETED
3431	UAIL/LDC/FY23/GWP/4357	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/421; UAIL/LDC/FY23/WHP/648	27-01-2023 09:21	27-01-2023 17:54	COMPLETED
3435	UAIL/LDC/FY23/GWP/4352	W/O	HOUSE KEEPING WORK AT C1A HEAD END AREA .	C1A HEADEND	C1A-669-002-HE,	N/R	26-01-2023 15:02	26-01-2023 17:28	COMPLETED
3437	UAIL/LDC/FY23/GWP/4350	PM261056	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	26-01-2023 14:51	26-01-2023 15:31	COMPLETED
3438	UAIL/LDC/FY23/GWP/4349	WO267094	ROLLER REPLACEMENT WORK OF C1A CONVEYOR.	C1A HEADEND	C1A-669-002-CV9,	N/R	26-01-2023 14:39	26-01-2023 15:29	COMPLETED
3440	UAIL/LDC/FY23/GWP/4347	W/O	3.15 SHEET FIT UP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/419; UAIL/LDC/FY23/WHP/647	26-01-2023 08:16	26-01-2023 14:07	COMPLETED
3441	UAIL/LDC/FY23/GWP/4344	W/O	SKIRT BOARD RUBBER ADJUSTMENT WORK.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	25-01-2023 16:43	25-01-2023 17:43	COMPLETED
3445	UAIL/LDC/FY23/GWP/4340	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	25-01-2023 15:30	25-01-2023 17:43	COMPLETED
3447	UAIL/LDC/FY23/GWP/4338	W/O	SAFETY GAURD FITUP WORK AT OIL COOLER-4.	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	25-01-2023 15:18	25-01-2023 16:30	COMPLETED
3448	UAIL/LDC/FY23/GWP/4337	PM261053	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	25-01-2023 15:07	25-01-2023 17:43	COMPLETED
3449	UAIL/LDC/FY23/GWP/4336	WO267057	T1 BEND PULLEY BOTTOM LAGGING COLD PATCHING	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T1BP1	UAIL/LDC/FY23/WHP/646	25-01-2023 14:59	25-01-2023 16:31	COMPLETED
3451	UAIL/LDC/FY23/GWP/4334	PM261049	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	24-01-2023 17:58	24-01-2023 17:58	COMPLETED
3452	UAIL/LDC/FY23/GWP/4333	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	24-01-2023 15:08	24-01-2023 17:52	COMPLETED
3456	UAIL/LDC/FY23/GWP/4329	W/O	SKIRT RUBBER ADJUSTMENT WORK.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	24-01-2023 14:51	24-01-2023 17:55	COMPLETED
3457	UAIL/LDC/FY23/GWP/4328	W/O	OIL COOLER 1 MAINENANCE	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	24-01-2023 13:49	24-01-2023 17:24	COMPLETED
3458	UAIL/LDC/FY23/GWP/4327	W/O	3.15 SHEET FITUP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/418	24-01-2023 09:47	24-01-2023 17:24	COMPLETED
3459	UAIL/LDC/FY23/GWP/4324	W/O	3.15 MM SHEET FIT UP WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/HWP/416; UAIL/LDC/FY23/WHP/643	23-01-2023 09:55	23-01-2023 17:31	COMPLETED
3468	UAIL/LDC/FY23/GWP/4314	PM261037	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	23-01-2023 07:47	23-01-2023 09:27	COMPLETED
3469	UAIL/LDC/FY23/GWP/4313	W/O	HOUSEKEEPING AT C1B TAIL END	C1B TAILEND	C1B-669-004-TE,	N/R	23-01-2023 07:47	23-01-2023 09:28	COMPLETED
3471	UAIL/LDC/FY23/GWP/4311	W/O	INSIDE BARRICADE HOUSE KEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	22-01-2023 16:17	22-01-2023 17:49	COMPLETED
3472	UAIL/LDC/FY23/GWP/4310	W/O	EQUIPMENT CLEANING WORK AT IMJH.	C1A HEADEND	BC-C1A-669-002,	N/R	22-01-2023 15:14	22-01-2023 17:53	COMPLETED
3476	UAIL/LDC/FY23/GWP/4306	WO266908	C1A BELT NO -26284 BELT EDGE PATCHING	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/415	22-01-2023 12:38	22-01-2023 17:52	COMPLETED
3477	UAIL/LDC/FY23/GWP/4305	W/O	3.15 MM SHEET FIT UP WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/414; UAIL/LDC/FY23/WHP/639	22-01-2023 10:40	22-01-2023 17:51	COMPLETED
3499	UAIL/LDC/FY23/GWP/4282	W/O	AREA HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	21-01-2023 17:02	21-01-2023 20:38	COMPLETED
3500	UAIL/LDC/FY23/GWP/4281	W/O	AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	21-01-2023 16:47	21-01-2023 20:38	COMPLETED
3501	UAIL/LDC/FY23/GWP/4280	WO265900	LINER PLATE REPLACEMENT WORK OF C1A DISCHARGE CHUTE	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/108; UAIL/LDC/FY23/WHP/637	21-01-2023 16:29	21-01-2023 20:38	COMPLETED
3503	UAIL/LDC/FY23/GWP/4278	WO265903	EDGE PATCHING WORK OF C1A CONVEYOR	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY23/HWP/412	21-01-2023 16:01	21-01-2023 20:38	COMPLETED
3505	UAIL/LDC/FY23/GWP/4273	W/O	3.15 SHEET FIT UP WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/409; UAIL/LDC/FY23/WHP/631	21-01-2023 09:31	22-01-2023 14:38	COMPLETED
3507	UAIL/LDC/FY23/GWP/4270	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	20-01-2023 15:58	20-01-2023 17:40	COMPLETED
3508	UAIL/LDC/FY23/GWP/4269	W/O	SHEAVE PULLEY LUBRICATION	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	20-01-2023 15:48	20-01-2023 17:44	COMPLETED
3509	UAIL/LDC/FY23/GWP/4268	PM261001	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	20-01-2023 15:44	20-01-2023 17:45	COMPLETED
3510	UAIL/LDC/FY23/GWP/4266	W/O	INSIDE BARRICADE HOUSE KEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	20-01-2023 15:03	20-01-2023 17:41	COMPLETED
3511	UAIL/LDC/FY23/GWP/4265	WO266816	CSK NUT & BOLT REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/107; UAIL/LDC/FY23/WHP/630	20-01-2023 15:05	20-01-2023 17:59	COMPLETED
3515	UAIL/LDC/FY23/GWP/4261	PM260996	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-004-QUARTERLY	C1A HEADEND	GBOCS4-C1A-669-002,	N/R	20-01-2023 11:56	20-01-2023 13:34	COMPLETED
3516	UAIL/LDC/FY23/GWP/4260	PM260995	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	20-01-2023 11:43	20-01-2023 13:34	COMPLETED
3517	UAIL/LDC/FY23/GWP/4259	W/O	3.15 SHEET FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/407; UAIL/LDC/FY23/WHP/628	20-01-2023 09:15	20-01-2023 17:43	COMPLETED
3518	UAIL/LDC/FY23/GWP/4256	PM260965	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	BC-C1A-669-002,	N/R	19-01-2023 16:30	19-01-2023 17:50	COMPLETED
3520	UAIL/LDC/FY23/GWP/4254	PM260819	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	19-01-2023 15:56	19-01-2023 16:31	COMPLETED

3521	UAIL/LDC/FY23/GWP/4248	W/O	SKIRT GUARD RUBBER ADJUSTMENT WORKAT C1B TAIL END AREA.	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	19-01-2023 15:06	19-01-2023 17:50	COMPLETED
3523	UAIL/LDC/FY23/GWP/4246	W/O	HOUSE KEEPING WORK AT C1B TAIL END	C1B TAIL END	C1B-669-004-TE,	N/R	19-01-2023 14:52	19-01-2023 17:50	COMPLETED
3525	UAIL/LDC/FY23/GWP/4244	W/O	HOUSE KEEPING WORK AT C1A HEAD END AREA	C1A HEADEND	C1A-669-002-HE,	N/R	19-01-2023 14:44	19-01-2023 17:51	COMPLETED
3528	UAIL/LDC/FY23/GWP/4238	W/O	3.15 SHEET FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/403; UAIL/LDC/FY23/WHP/625	19-01-2023 09:28	19-01-2023 17:26	COMPLETED
3529	UAIL/LDC/FY23/GWP/4235	PM260971	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	18-01-2023 16:48	18-01-2023 17:53	COMPLETED
3530	UAIL/LDC/FY23/GWP/4234	PM260969	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	18-01-2023 16:48	18-01-2023 17:53	COMPLETED
3531	UAIL/LDC/FY23/GWP/4233	PM260968	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	18-01-2023 16:48	18-01-2023 17:53	COMPLETED
3532	UAIL/LDC/FY23/GWP/4232	PM260967	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	18-01-2023 16:49	18-01-2023 17:53	COMPLETED
3533	UAIL/LDC/FY23/GWP/4231	PM260966	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-003-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	18-01-2023 16:52	18-01-2023 17:29	COMPLETED
3536	UAIL/LDC/FY23/GWP/4227	W/O	C1B TAILEND AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	18-01-2023 14:57	18-01-2023 17:24	COMPLETED
3538	UAIL/LDC/FY23/GWP/4223	PM260972	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	18-01-2023 14:43	18-01-2023 17:25	COMPLETED
3539	UAIL/LDC/FY23/GWP/4222	PM260964	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	18-01-2023 14:43	18-01-2023 17:25	COMPLETED
3540	UAIL/LDC/FY23/GWP/4221	PM260956	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	18-01-2023 14:43	18-01-2023 15:59	COMPLETED
3541	UAIL/LDC/FY23/GWP/4217	PM260701	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	17-01-2023 16:29	17-01-2023 18:35	COMPLETED
3542	UAIL/LDC/FY23/GWP/4216	PM260697	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	17-01-2023 16:29	17-01-2023 18:35	COMPLETED
3543	UAIL/LDC/FY23/GWP/4214	PM260679	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-S1-R-002-BI MONTHLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	17-01-2023 16:29	17-01-2023 18:36	COMPLETED
3544	UAIL/LDC/FY23/GWP/4213	PM260955	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	17-01-2023 16:01	17-01-2023 18:36	COMPLETED
3545	UAIL/LDC/FY23/GWP/4212	PM260953	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	17-01-2023 15:54	17-01-2023 16:26	COMPLETED
3546	UAIL/LDC/FY23/GWP/4211	PM260957	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	17-01-2023 15:46	17-01-2023 18:44	COMPLETED
3547	UAIL/LDC/FY23/GWP/4210	PM260958	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	17-01-2023 15:46	17-01-2023 18:44	COMPLETED
3548	UAIL/LDC/FY23/GWP/4209	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	17-01-2023 15:42	17-01-2023 16:25	COMPLETED
3549	UAIL/LDC/FY23/GWP/4208	PM260959	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1B-669-001,VGT-C1B-669-001-SPS8	N/R	17-01-2023 15:46	17-01-2023 18:44	COMPLETED
3550	UAIL/LDC/FY23/GWP/4207	PM260942	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	17-01-2023 15:33	17-01-2023 16:25	COMPLETED
3551	UAIL/LDC/FY23/GWP/4206	PM260941	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	17-01-2023 15:21	17-01-2023 16:25	COMPLETED
3552	UAIL/LDC/FY23/GWP/4205	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	17-01-2023 15:04	17-01-2023 17:34	COMPLETED
3555	UAIL/LDC/FY23/GWP/4201	W/O	SKIRT RUBBER FITUP WORK	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	UAIL/LDC/FY23/WHP/622	17-01-2023 14:54	17-01-2023 17:34	COMPLETED
3560	UAIL/LDC/FY23/GWP/4196	W/O	3.15 SHEET FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/401; UAIL/LDC/FY23/WHP/619	17-01-2023 09:39	17-01-2023 17:35	COMPLETED
3562	UAIL/LDC/FY23/GWP/4193	PM233362	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90 ºL	N/R	16-01-2023 16:44	16-01-2023 17:50	COMPLETED
3566	UAIL/LDC/FY23/GWP/4188	PM260923	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	16-01-2023 15:59	16-01-2023 17:32	COMPLETED
3567	UAIL/LDC/FY23/GWP/4187	W/O	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	16-01-2023 16:03	16-01-2023 17:50	COMPLETED
3568	UAIL/LDC/FY23/GWP/4186	PM260939	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	16-01-2023 15:43	16-01-2023 17:50	COMPLETED
3569	UAIL/LDC/FY23/GWP/4185	PM260935	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	16-01-2023 15:35	16-01-2023 17:50	COMPLETED
3571	UAIL/LDC/FY23/GWP/4183	WO266678	ROLLER REPLACEMENT WORK OF C1A CONVEYOR	C1A HEADEND	C1A-669-002-CV7,	UAIL/LDC/FY23/WHP/618	16-01-2023 15:18	16-01-2023 16:43	COMPLETED
3577	UAIL/LDC/FY23/GWP/4170	W/O	3.15 SHEET FIT UP WORK .	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/399; UAIL/LDC/FY23/WHP/616	16-01-2023 09:43	16-01-2023 17:23	COMPLETED
3578	UAIL/LDC/FY23/GWP/4168	W/O	SHEET FIT UP IN HAND RAILING AT C1B TAIL END	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/398; UAIL/LDC/FY23/WHP/615	15-01-2023 09:42	15-01-2023 19:12	COMPLETED
3580	UAIL/LDC/FY23/GWP/4165	W/O	INSIDE AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	14-01-2023 17:02	14-01-2023 17:43	COMPLETED
3581	UAIL/LDC/FY23/GWP/4160	W/O	I SCRAPPER INSTALATION WORK	C1A HEADEND	BC-C1A-669-003,BC-C1A-669-003-VSCR3	UAIL/LDC/FY23/HWP/397; UAIL/LDC/FY23/WHP/614	14-01-2023 15:42	14-01-2023 17:56	COMPLETED
3585	UAIL/LDC/FY23/GWP/4156	WO264628	DISCHARGE CHUTE MISSING NUT AND BOLT REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY23/CSE/104; UAIL/LDC/FY23/WHP/611	14-01-2023 15:07	14-01-2023 17:56	COMPLETED
3588	UAIL/LDC/FY23/GWP/4152	W/O	PIPE LINE FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/395	14-01-2023 10:03	14-01-2023 19:01	COMPLETED
3589	UAIL/LDC/FY23/GWP/4150	W/O	3.15 SHEET FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/394; UAIL/LDC/FY23/WHP/608	14-01-2023 09:21	14-01-2023 19:01	COMPLETED
3590	UAIL/LDC/FY23/GWP/4149	W/O	SKIRT RUBBER REPLACEMENT WORK.	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	13-01-2023 17:02	13-01-2023 17:41	COMPLETED

3592	UAIL/LDC/FY23/GWP/4147	PM260876	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	13-01-2023 16:28	13-01-2023 16:31	COMPLETED
3593	UAIL/LDC/FY23/GWP/4146	PM260875	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	13-01-2023 16:29	13-01-2023 16:31	COMPLETED
3594	UAIL/LDC/FY23/GWP/4145	PM260874	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	13-01-2023 16:02	13-01-2023 16:25	COMPLETED
3595	UAIL/LDC/FY23/GWP/4144	PM260873	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	13-01-2023 16:02	13-01-2023 16:25	COMPLETED
3596	UAIL/LDC/FY23/GWP/4142	PM260872	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	13-01-2023 15:53	13-01-2023 16:24	COMPLETED
3597	UAIL/LDC/FY23/GWP/4141	PM260871	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	13-01-2023 15:50	13-01-2023 16:24	COMPLETED
3598	UAIL/LDC/FY23/GWP/4140	W/O	DFDS SYSTEM PIPE LINE FIT-UP WORK.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/607	13-01-2023 15:21	13-01-2023 17:48	COMPLETED
3600	UAIL/LDC/FY23/GWP/4137	PM260870	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	13-01-2023 15:07	13-01-2023 15:59	COMPLETED
3602	UAIL/LDC/FY23/GWP/4135	PM260869	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	13-01-2023 14:57	13-01-2023 15:58	COMPLETED
3603	UAIL/LDC/FY23/GWP/4134	W/O	CHUTE MAINTENACE WORK	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/393	13-01-2023 14:46	13-01-2023 17:42	COMPLETED
3604	UAIL/LDC/FY23/GWP/4133	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	13-01-2023 14:45	13-01-2023 17:41	COMPLETED
3606	UAIL/LDC/FY23/GWP/4126	W/O	3.15 SHEET FITUP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/391; UAIL/LDC/FY23/WHP/605	13-01-2023 11:01	13-01-2023 17:47	COMPLETED
3607	UAIL/LDC/FY23/GWP/4122	W/O	3.15 SHEET FITUP WORK	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/390; UAIL/LDC/FY23/WHP/604	13-01-2023 10:10	13-01-2023 10:52	COMPLETED
3610	UAIL/LDC/FY23/GWP/4113	PM260763	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	12-01-2023 17:19	12-01-2023 17:27	COMPLETED
3611	UAIL/LDC/FY23/GWP/4112	PM260715	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	12-01-2023 17:16	12-01-2023 17:27	COMPLETED
3612	UAIL/LDC/FY23/GWP/4111	PM260706	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	12-01-2023 17:16	12-01-2023 17:27	COMPLETED
3613	UAIL/LDC/FY23/GWP/4110	PM260705	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	12-01-2023 16:54	12-01-2023 17:26	COMPLETED
3614	UAIL/LDC/FY23/GWP/4109	PM260703	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	12-01-2023 16:30	12-01-2023 17:26	COMPLETED
3615	UAIL/LDC/FY23/GWP/4108	PM233384	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	12-01-2023 16:12	12-01-2023 16:52	COMPLETED
3618	UAIL/LDC/FY23/GWP/4104	PM260855	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	12-01-2023 16:15	12-01-2023 16:18	COMPLETED
3619	UAIL/LDC/FY23/GWP/4103	PM260854	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	12-01-2023 16:12	12-01-2023 16:13	COMPLETED
3621	UAIL/LDC/FY23/GWP/4101	PM260841	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	12-01-2023 15:38	12-01-2023 16:06	COMPLETED
3623	UAIL/LDC/FY23/GWP/4099	PM260840	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	12-01-2023 14:57	12-01-2023 16:05	COMPLETED
3624	UAIL/LDC/FY23/GWP/4097	W/O	CHEQUIRE PLATE WELDING WORK AT C1B TAIL END.	C1B TAILEND	C1B-669-004-TE,	N/R	12-01-2023 14:36	12-01-2023 17:14	COMPLETED
3625	UAIL/LDC/FY23/GWP/4096	PM260839	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	12-01-2023 14:38	12-01-2023 15:37	COMPLETED
3626	UAIL/LDC/FY23/GWP/4094	W/O	I SCRAPER ADJUSTMENT WORK AT C1B TAIL END AREA.	C1B TAILEND	BC-C1B-669-001,BC-C1B-669-001-VSCR	N/R	12-01-2023 14:26	12-01-2023 17:14	COMPLETED
3627	UAIL/LDC/FY23/GWP/4092	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	12-01-2023 14:23	12-01-2023 17:17	COMPLETED
3629	UAIL/LDC/FY23/GWP/4082	W/O	3.15 SHEET FIT UP WORK.	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/388; UAIL/LDC/FY23/WHP/601	12-01-2023 09:22	12-01-2023 15:54	COMPLETED
3630	UAIL/LDC/FY23/GWP/4081	W/O	CARRY FLAT ROLLER FRAME ISTALLATION WORK.	C1B TAIL END	C1B-669-004-TE,	N/R	11-01-2023 16:57	11-01-2023 17:42	COMPLETED
3633	UAIL/LDC/FY23/GWP/4078	PM260824	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	11-01-2023 16:48	11-01-2023 17:23	COMPLETED
3634	UAIL/LDC/FY23/GWP/4076	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	11-01-2023 15:28	11-01-2023 17:27	COMPLETED
3638	UAIL/LDC/FY23/GWP/4068	W/O	OIL COOLER-1 PUMP REPLACEMENT WORK.	C1A HEADEND	GBOCS1-C1A-669-002,	N/R	11-01-2023 15:12	11-01-2023 16:41	COMPLETED
3641	UAIL/LDC/FY23/GWP/4065	WO264450	ROLLER REPLACEMENT WORK AT C1A CURVE-7 & 9 AREA.	C1A HEADEND	C1A-669-002-CV9,	UAIL/LDC/FY23/WHP/600	11-01-2023 14:44	11-01-2023 16:42	COMPLETED
3642	UAIL/LDC/FY23/GWP/4064	WO264451	SKIRT GUARD RUBBER ADJUSTMENT WORK AT C1B TAIL END.	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	11-01-2023 14:41	11-01-2023 17:36	COMPLETED
3644	UAIL/LDC/FY23/GWP/4061	PM260695	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	10-01-2023 16:58	10-01-2023 17:38	COMPLETED
3645	UAIL/LDC/FY23/GWP/4060	PM260683	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	10-01-2023 16:49	10-01-2023 17:38	COMPLETED
3647	UAIL/LDC/FY23/GWP/4057	W/O	AREA HOUSEKEEPING WORK.	C1B TAIL END	C1B-669-004-TE,	N/R	10-01-2023 16:15	10-01-2023 17:38	COMPLETED
3648	UAIL/LDC/FY23/GWP/4056	W/O	SCRAPPER INSTALATION	C1B TAIL END	BC-C1B-669-001,BC-C1B-669-001-VSCR	UAIL/LDC/FY23/HWP/386; UAIL/LDC/FY23/WHP/599	10-01-2023 15:58	10-01-2023 17:34	COMPLETED
3650	UAIL/LDC/FY23/GWP/4054	PM260674	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	10-01-2023 15:42	10-01-2023 17:01	COMPLETED
3652	UAIL/LDC/FY23/GWP/4052	WO258476	IMPACT ROLLER REPLACEMENT WORK AT C1B TAIL END.	C1B TAILEND	C1B-669-004-TE,	N/R	10-01-2023 15:09	10-01-2023 15:41	COMPLETED
3654	UAIL/LDC/FY23/GWP/4050	W/O	PLATFORM EXTENSION WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/385	10-01-2023 15:00	10-01-2023 17:31	COMPLETED

3655	UAIL/LDC/FY23/GWP/4048	W/O	AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	10-01-2023 14:41	10-01-2023 17:05	COMPLETED
3658	UAIL/LDC/FY23/GWP/4038	W/O	HANDRAIL SHEET FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/382; UAIL/LDC/FY23/WHP/598	10-01-2023 09:50	10-01-2023 17:32	COMPLETED
3660	UAIL/LDC/FY23/GWP/4036	PM260789	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-009-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	09-01-2023 17:16	09-01-2023 17:51	COMPLETED
3661	UAIL/LDC/FY23/GWP/4035	PM260788	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-008-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	09-01-2023 17:17	09-01-2023 17:52	COMPLETED
3662	UAIL/LDC/FY23/GWP/4034	PM260787	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-007-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	09-01-2023 17:17	09-01-2023 17:52	COMPLETED
3663	UAIL/LDC/FY23/GWP/4033	PM260786	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	09-01-2023 17:17	09-01-2023 17:53	COMPLETED
3664	UAIL/LDC/FY23/GWP/4032	PM260801	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-HALF YEARLY	C1A HEADEND	C1A-669-002-HE,	N/R	09-01-2023 16:35	09-01-2023 17:49	COMPLETED
3665	UAIL/LDC/FY23/GWP/4031	PM260800	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-HALF YEARLY	C1A HEADEND	C1A-669-002-HE	N/R	09-01-2023 16:26	09-01-2023 16:59	COMPLETED
3666	UAIL/LDC/FY23/GWP/4030	PM260805	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	C1A-669-002-HE,	N/R	09-01-2023 16:12	09-01-2023 16:58	COMPLETED
3667	UAIL/LDC/FY23/GWP/4029	PM260799	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	C1A-669-002-HE,	N/R	09-01-2023 16:04	09-01-2023 16:58	COMPLETED
3668	UAIL/LDC/FY23/GWP/4028	W/O	PLATFORM EXTENSION WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY23/HWP/380; UAIL/LDC/FY23/WHP/597	09-01-2023 15:52	09-01-2023 17:50	COMPLETED
3669	UAIL/LDC/FY23/GWP/4027	WO253360	DFDS NOZZEL CLEANING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/596	09-01-2023 15:38	09-01-2023 17:50	COMPLETED
3670	UAIL/LDC/FY23/GWP/4026	W/O	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	09-01-2023 15:25	09-01-2023 17:51	COMPLETED
3671	UAIL/LDC/FY23/GWP/4024	WO258435	ROLLER REPLACEMENT WORK AT C1A CURVE-2.	C1A HEADEND	C1A-669-002-CV2,	N/R	09-01-2023 15:14	09-01-2023 16:26	COMPLETED
3672	UAIL/LDC/FY23/GWP/4023	W/O	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE	N/R	09-01-2023 15:10	09-01-2023 17:51	COMPLETED
3676	UAIL/LDC/FY23/GWP/4015	W/O	Deck sheet fit-up work.	C1A HEADEND	N/R	UAIL/LDC/FY23/HWP/379; UAIL/LDC/FY23/WHP/595	09-01-2023 09:52	10-01-2023 06:35	COMPLETED
3680	UAIL/LDC/FY23/GWP/4004	W/O	HANDRAIL FITUP WORK .	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/376; UAIL/LDC/FY23/WHP/594	08-01-2023 09:32	08-01-2023 16:56	COMPLETED
3681	UAIL/LDC/FY23/GWP/4003	PM260695	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	07-01-2023 16:41	07-01-2023 18:08	COMPLETED
3682	UAIL/LDC/FY23/GWP/4002	PM260683	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	07-01-2023 16:41	07-01-2023 18:09	COMPLETED
3684	UAIL/LDC/FY23/GWP/4000	PM260674	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	07-01-2023 16:41	07-01-2023 18:09	COMPLETED
3686	UAIL/LDC/FY23/GWP/3998	PM233410	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	07-01-2023 16:41	07-01-2023 18:09	COMPLETED
3687	UAIL/LDC/FY23/GWP/3997	PM233371	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	07-01-2023 16:41	07-01-2023 18:09	COMPLETED
3692	UAIL/LDC/FY23/GWP/3992	W/O	HOUSEKEEPING WORK AT C1A HEAD END AREA	C1A HEADEND	C1A-669-002-HE,	N/R	07-01-2023 15:19	07-01-2023 18:14	COMPLETED
3693	UAIL/LDC/FY23/GWP/3991	WO258348	SKIRT GUARD RUBBER REPLACED AND ADJUSTMENT WORK	C1A HEADEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	07-01-2023 15:08	07-01-2023 18:15	COMPLETED
3695	UAIL/LDC/FY23/GWP/3989	W/O	GEAR BOX -3 HIIGH SPEED D COUPLING WORK.	C1A HEADEND	BC-C1A-669-002-GB3,	N/R	07-01-2023 14:56	07-01-2023 18:32	COMPLETED
3697	UAIL/LDC/FY23/GWP/3982	W/O	3.15 SHEET FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/374	07-01-2023 09:26	07-01-2023 16:20	COMPLETED
3699	UAIL/LDC/FY23/GWP/3979	W/O	SKIRT RUBBER REPLACEMENT WORK	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	06-01-2023 15:33	06-01-2023 16:24	COMPLETED
3700	UAIL/LDC/FY23/GWP/3978	W/O	HOSE KEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	06-01-2023 15:20	06-01-2023 16:15	COMPLETED
3703	UAIL/LDC/FY23/GWP/3967	PM260747	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	05-01-2023 16:08	05-01-2023 17:38	COMPLETED
3704	UAIL/LDC/FY23/GWP/3966	PM260748	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	05-01-2023 16:09	05-01-2023 17:39	COMPLETED
3705	UAIL/LDC/FY23/GWP/3965	PM260749	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	05-01-2023 16:09	05-01-2023 17:39	COMPLETED
3706	UAIL/LDC/FY23/GWP/3964	PM260744	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	05-01-2023 16:00	05-01-2023 17:42	COMPLETED
3707	UAIL/LDC/FY23/GWP/3963	W/O	C1B TAIL END AREA HOUSEKEEPING WORK.	C1B TAIL END	C1B-669-004-TE,	N/R	05-01-2023 15:52	05-01-2023 17:45	COMPLETED
3708	UAIL/LDC/FY23/GWP/3962	PM260752	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	05-01-2023 16:00	05-01-2023 17:42	COMPLETED
3710	UAIL/LDC/FY23/GWP/3960	PM260750	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	05-01-2023 15:13	05-01-2023 17:45	COMPLETED
3717	UAIL/LDC/FY23/GWP/3949	W/O	DEBRIS CHUTE FIT UP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/371; UAIL/LDC/FY23/WHP/591	05-01-2023 09:58	05-01-2023 17:03	COMPLETED
3718	UAIL/LDC/FY23/GWP/3948	PM260710	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135°	N/R	04-01-2023 17:17	04-01-2023 17:38	COMPLETED
3719	UAIL/LDC/FY23/GWP/3946	PM260709	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	04-01-2023 17:18	04-01-2023 18:20	COMPLETED
3720	UAIL/LDC/FY23/GWP/3945	PM260711	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	04-01-2023 17:14	04-01-2023 18:21	COMPLETED
3721	UAIL/LDC/FY23/GWP/3944	PM260712	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	04-01-2023 17:14	04-01-2023 18:21	COMPLETED
3722	UAIL/LDC/FY23/GWP/3943	PM260713	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	04-01-2023 17:14	04-01-2023 18:21	COMPLETED

3723	UAIL/LDC/FY23/GWP/3942	PM260715	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	04-01-2023 17:14	04-01-2023 18:21	COMPLETED
3724	UAIL/LDC/FY23/GWP/3941	PM260717	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	04-01-2023 17:14	04-01-2023 18:21	COMPLETED
3728	UAIL/LDC/FY23/GWP/3937	PM260718	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	04-01-2023 15:48	04-01-2023 16:39	COMPLETED
3729	UAIL/LDC/FY23/GWP/3934	PM260719	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	04-01-2023 15:48	04-01-2023 16:39	COMPLETED
3730	UAIL/LDC/FY23/GWP/3933	PM260733	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	04-01-2023 15:48	04-01-2023 16:39	COMPLETED
3731	UAIL/LDC/FY23/GWP/3932	PM260737	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	04-01-2023 15:48	04-01-2023 16:39	COMPLETED
3732	UAIL/LDC/FY23/GWP/3931	PM260738	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	04-01-2023 15:49	04-01-2023 16:40	COMPLETED
3737	UAIL/LDC/FY23/GWP/3925	W/O	DEBRIS CHUTE MODIFICATION	C1B TAIL END	N/R	UAIL/LDC/FY23/HWP/368; UAIL/LDC/FY23/WHP/590	03-01-2023 10:49	03-01-2023 17:31	COMPLETED
3742	UAIL/LDC/FY23/GWP/3920	W/O	AREA HOUSEKEEPING WORK	C1B TAILEND	C1B-669-004-TE,	N/R	02-01-2023 15:37	02-01-2023 17:49	COMPLETED
3744	UAIL/LDC/FY23/GWP/3917	W/O	C1A HEAD END EYE SCRAPER REPLACEMENT	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	UAIL/LDC/FY23/WHP/589	02-01-2023 15:41	02-01-2023 17:58	COMPLETED
3745	UAIL/LDC/FY23/GWP/3916	W/O	HIGH SPEED COUPLING -3 ,DECOUPLING WORK	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	02-01-2023 15:15	02-01-2023 17:58	COMPLETED
3747	UAIL/LDC/FY23/GWP/3912	W/O	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY23/WHP/588	01-01-2023 14:03	01-01-2023 14:25	COMPLETED
3748	UAIL/LDC/FY23/GWP/3911	W/O	DEBRISCHUTE FITUP WORK	C1B TAILEND	N/R	UAIL/LDC/FY23/HWP/366; UAIL/LDC/FY23/WHP/587	01-01-2023 09:38	03-01-2023 10:37	COMPLETED

PM COMPLIANCE REPORT FOR THE YEAR OF -2024

SL NO.	WORK PERMIT NO.	WORK ORDER NO.	DESCRIPTION OF WORK	EXACT LOCATION	EQUIPMENT NO.	SPECIAL PERMI NO.	PA START WORK	PA CLOSE WORK	REMARKS
1	UAIL/LDC/FY24/GWP/5603	PM1078654	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-HDR	N/R	24-03-2024 14:49	24-03-2024 17:23	COMPLETED
2	UAIL/LDC/FY24/GWP/5602	PM1078653	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-HD-SS-1B-10-001-BI MONTHLY	C1B TAILEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	24-03-2024 14:49	24-03-2024 17:23	COMPLETED
4	UAIL/LDC/FY24/GWP/5596	PM1078651	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	24-03-2024 12:48	24-03-2024 13:43	COMPLETED
5	UAIL/LDC/FY24/GWP/5593	WO1101022	C1A INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	24-03-2024 12:26	24-03-2024 17:24	COMPLETED
6	UAIL/LDC/FY24/GWP/5590	WO1091155	HOOD SHEET CLEANING WORK .	C1 b tail end	N/R	UAIL/LDC/FY24/WHP/894	24-03-2024 10:37	24-03-2024 17:25	COMPLETED
8	UAIL/LDC/FY24/GWP/5584	PM1078649	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/115; UAIL/LDC/FY24/WHP/891	23-03-2024 12:34	23-03-2024 16:46	COMPLETED
10	UAIL/LDC/FY24/GWP/5581	WO1095726	C1A INSIDE BARICATION HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	23-03-2024 12:08	23-03-2024 16:49	COMPLETED
12	UAIL/LDC/FY24/GWP/5579	W/O	Handrailing and fencing gaurd painting work at IMHO.	C1b tailed area	N/R	N/R	23-03-2024 08:29	23-03-2024 17:31	COMPLETED
13	UAIL/LDC/FY24/GWP/5578	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	UAIL/LDC/FY24/WHP/890	23-03-2024 08:29	25-03-2024 09:41	COMPLETED
14	UAIL/LDC/FY24/GWP/5576	PM1078623	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-002-BI MONTHLY	C1B TAIL END	DFS-C1B-669-004-AC2,	N/R	22-03-2024 15:20	22-03-2024 17:31	COMPLETED
16	UAIL/LDC/FY24/GWP/5574	PM1078622	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-CM-EL-G3-S-001-BI MONTHLY	C1A HEADEND	DFS-C1B-669-004-AC1,	N/R	22-03-2024 14:59	22-03-2024 17:32	COMPLETED
18	UAIL/LDC/FY24/GWP/5572	PM1078638	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	22-03-2024 13:17	22-03-2024 13:40	COMPLETED
19	UAIL/LDC/FY24/GWP/5571	WO1094085	C1A INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	22-03-2024 13:18	22-03-2024 17:34	COMPLETED
21	UAIL/LDC/FY24/GWP/5564	W/O	Handrailing and fencing gaurd painting work at IMHO.	C1b tailed area	N/R	N/R	22-03-2024 08:55	22-03-2024 17:32	COMPLETED
22	UAIL/LDC/FY24/GWP/5563	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	UAIL/LDC/FY24/WHP/888	22-03-2024 08:55	22-03-2024 17:32	COMPLETED
26	UAIL/LDC/FY24/GWP/5558	WO1094918	HYD. BRAKE PANNEL FIT UP WORK AT IMJH AREA.	C1B TAILEND	HDB-C1B-669-004-DISC,	UAIL/LDC/FY24/HWP/994	21-03-2024 16:16	21-03-2024 18:07	COMPLETED
27	UAIL/LDC/FY24/GWP/5557	PM1078615	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	21-03-2024 15:49	21-03-2024 17:41	COMPLETED
28	UAIL/LDC/FY24/GWP/5555	PM1078614	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	21-03-2024 15:36	21-03-2024 17:39	COMPLETED
29	UAIL/LDC/FY24/GWP/5554	WO1094905	INSIDE AREA HOUSE KEEPING WORK AT IMJH AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	21-03-2024 15:13	21-03-2024 17:39	COMPLETED
31	UAIL/LDC/FY24/GWP/5550	WO1094875	HOSE PIPE REPLACEMENT	C1B TAIL END	HDB-C1B-669-004-HPU,	N/R	21-03-2024 13:25	21-03-2024 17:39	COMPLETED
32	UAIL/LDC/FY24/GWP/5546	WO1093859	DECK PLATE FABRICATION AND ERECTION WORK AT IMJH	C 1 A HEAD end	N/R	UAIL/LDC/FY24/HWP/993	21-03-2024 11:22	21-03-2024 18:07	COMPLETED
34	UAIL/LDC/FY24/GWP/5540	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	UAIL/LDC/FY24/WHP/883	21-03-2024 08:42	21-03-2024 17:39	COMPLETED
35	UAIL/LDC/FY24/GWP/5539	W/O	Handrailing and fencing gaurd painting work at IMHO.	C1b tailed area	N/R	N/R	21-03-2024 08:43	21-03-2024 17:39	COMPLETED
41	UAIL/LDC/FY24/GWP/5533	WO1092894	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	20-03-2024 12:20	20-03-2024 17:23	COMPLETED
42	UAIL/LDC/FY24/GWP/5532	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/991; UAIL/LDC/FY24/WHP/882	20-03-2024 09:26	20-03-2024 17:29	COMPLETED
43	UAIL/LDC/FY24/GWP/5531	PM1078604	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	19-03-2024 14:50	19-03-2024 17:30	COMPLETED
44	UAIL/LDC/FY24/GWP/5530	PM1078598	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-HALF YEARLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	19-03-2024 14:50	19-03-2024 17:30	COMPLETED
47	UAIL/LDC/FY24/GWP/5526	WO1091676	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	19-03-2024 12:26	19-03-2024 17:30	COMPLETED
48	UAIL/LDC/FY24/GWP/5525	WO1091155	HOOD SHEET CLEANING WORK .	C1A headend	N/R	UAIL/LDC/FY24/WHP/881	19-03-2024 12:53	19-03-2024 17:30	COMPLETED
49	UAIL/LDC/FY24/GWP/5524	WO1029165	BELT LOCKING CLAMP FABRICATION WORK	C1 a headend	N/R	UAIL/LDC/FY24/HWP/990	19-03-2024 10:54	19-03-2024 17:31	COMPLETED
50	UAIL/LDC/FY24/GWP/5521	WO1005292	PLATFORM EXTENSION WORK.	C1A HEADEND	C1A-669-003-TE,	UAIL/LDC/FY24/HWP/988; UAIL/LDC/FY24/WHP/878	19-03-2024 09:47	19-03-2024 17:14	COMPLETED
51	UAIL/LDC/FY24/GWP/5520	W/O	Handrailing and fencing gaurd painting work at IMHO.	C1b tailed area	N/R	N/R	19-03-2024 09:32	19-03-2024 17:15	COMPLETED
53	UAIL/LDC/FY24/GWP/5518	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	UAIL/LDC/FY24/WHP/877	19-03-2024 09:07	19-03-2024 17:15	COMPLETED
57	UAIL/LDC/FY24/GWP/5513	PM1078588	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	18-03-2024 12:50	18-03-2024 17:47	COMPLETED
59	UAIL/LDC/FY24/GWP/5511	PM1078590	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAILEND	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	18-03-2024 12:30	18-03-2024 17:13	COMPLETED
60	UAIL/LDC/FY24/GWP/5509	WO1089450	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	18-03-2024 12:24	18-03-2024 17:48	COMPLETED
61	UAIL/LDC/FY24/GWP/5506	WO1029165	BELT LOCKING CLAMP FABRICATION WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/987	18-03-2024 10:06	18-03-2024 17:47	COMPLETED
63	UAIL/LDC/FY24/GWP/5504	WO1091155	HOOD SHEET CLEANING WORK .	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/875	18-03-2024 09:58	18-03-2024 17:49	COMPLETED
65	UAIL/LDC/FY24/GWP/5502	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/985; UAIL/LDC/FY24/WHP/874	18-03-2024 09:32	18-03-2024 17:49	COMPLETED
66	UAIL/LDC/FY24/GWP/5501	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	UAIL/LDC/FY24/WHP/873	18-03-2024 08:48	18-03-2024 17:56	COMPLETED
67	UAIL/LDC/FY24/GWP/5497	WO1091162	AREA HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	17-03-2024 15:09	17-03-2024 16:58	COMPLETED
68	UAIL/LDC/FY24/GWP/5495	PM1078588	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	17-03-2024 14:54	17-03-2024 16:58	COMPLETED

69	UAIL/LDC/FY24/GWP/5494	PM1078590	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	17-03-2024 14:54	17-03-2024 16:58	COMPLETED
70	UAIL/LDC/FY24/GWP/5493	PM1078567	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180°T	N/R	17-03-2024 14:40	17-03-2024 16:58	COMPLETED
71	UAIL/LDC/FY24/GWP/5492	PM1078560	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	17-03-2024 14:40	17-03-2024 15:08	COMPLETED
72	UAIL/LDC/FY24/GWP/5491	PM1078587	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-016-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	17-03-2024 13:03	17-03-2024 13:22	COMPLETED
73	UAIL/LDC/FY24/GWP/5490	WO1091172	CLEANING AND BOLT TIGHTNESS WORK	C1B Tailend	HDB-C1B-669-004-HPU,	N/R	17-03-2024 12:34	17-03-2024 13:20	COMPLETED
81	UAIL/LDC/FY24/GWP/5482	WO1088884	INSIDE AREA HOUSE KEEPING WORK AT IMJH AREA.	C1A HEAD END	C1A-669-002-HE,	N/R	17-03-2024 11:16	17-03-2024 13:23	COMPLETED
82	UAIL/LDC/FY24/GWP/5481	PM1078572	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEAD END	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/114; UAIL/LDC/FY24/WHP/872	17-03-2024 10:58	17-03-2024 17:49	COMPLETED
83	UAIL/LDC/FY24/GWP/5471	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	UAIL/LDC/FY24/WHP/869	16-03-2024 11:14	17-03-2024 17:50	COMPLETED
84	UAIL/LDC/FY24/GWP/5469	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	N/R	16-03-2024 09:55	18-03-2024 08:30	COMPLETED
85	UAIL/LDC/FY24/GWP/5468	W/O	Sheeting work at imjh area.	Imjh	N/R	UAIL/LDC/FY24/WHP/867	16-03-2024 09:40	18-03-2024 08:31	COMPLETED
86	UAIL/LDC/FY24/GWP/5464	W/O	ZSS POST WELDING WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/981; UAIL/LDC/FY24/WHP/865	15-03-2024 15:15	15-03-2024 15:51	COMPLETED
89	UAIL/LDC/FY24/GWP/5461	WO1088397	C1A BELT EDGE REPARING WORK AT IMJH AREA.	C1A HEADEND	BC-C1A-669-002,	UAIL/LDC/FY24/HWP/980	15-03-2024 12:06	15-03-2024 15:49	COMPLETED
91	UAIL/LDC/FY24/GWP/5459	W/O	COMPRESSOR HOUSE PAINTING WORK	C1A HEADEND	C1A	UAIL/LDC/FY24/WHP/862	15-03-2024 10:02	20-03-2024 17:31	COMPLETED
92	UAIL/LDC/FY24/GWP/5456	PM1078530	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BP-PS-S24-PD-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-BP,	N/R	14-03-2024 23:52	15-03-2024 05:14	COMPLETED
93	UAIL/LDC/FY24/GWP/5455	PM1078533	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-005-HALF YEARLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-180°B	N/R	14-03-2024 23:41	15-03-2024 05:14	COMPLETED
94	UAIL/LDC/FY24/GWP/5454	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEAD END	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/978; UAIL/LDC/FY24/WHP/860	14-03-2024 23:20	15-03-2024 09:30	COMPLETED
95	UAIL/LDC/FY24/GWP/5453	WO1087632	C1A HEAD END TAKE UP MOVABLE PULLEY (TE SIDE) LAGGING WORK	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-TMP2	UAIL/LDC/FY24/HWP/977; UAIL/LDC/FY24/WHP/859	14-03-2024 23:04	15-03-2024 09:30	COMPLETED
98	UAIL/LDC/FY24/GWP/5444	W/O	COMPRESSOR HOUSE PAINTING WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/WHP/858	14-03-2024 12:21	16-03-2024 08:52	COMPLETED
99	UAIL/LDC/FY24/GWP/5443	WO1088021	DFDS PUMP INSPECTION WORK AT IMJH AREA.	C1B TAILEND	C1B-669-001-HE,	N/R	14-03-2024 11:30	14-03-2024 21:44	COMPLETED
100	UAIL/LDC/FY24/GWP/5442	WO1087486	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/857	14-03-2024 11:14	15-03-2024 01:24	COMPLETED
103	UAIL/LDC/FY24/GWP/5436	WO1087631	C1A HEAD END T2 BEMD PULLEY TOP LAGGING WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	UAIL/LDC/FY24/HWP/975; UAIL/LDC/FY24/WHP/855	14-03-2024 09:14	14-03-2024 22:27	COMPLETED
104	UAIL/LDC/FY24/GWP/5435	WO1087632	C1A HEAD END TAKE UP MOVABLE PULLEY (TE SIDE) LAGGING WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	UAIL/LDC/FY24/HWP/974; UAIL/LDC/FY24/WHP/854	14-03-2024 09:15	14-03-2024 22:34	COMPLETED
105	UAIL/LDC/FY24/GWP/5434	WO1087635	C1A HEAD END HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	14-03-2024 09:15	14-03-2024 22:38	COMPLETED
106	UAIL/LDC/FY24/GWP/5433	W/O	Structural gallery painting work at ijh area.	C1b tail end area	N/R	UAIL/LDC/FY24/WHP/853	14-03-2024 09:34	14-03-2024 17:40	COMPLETED
107	UAIL/LDC/FY24/GWP/5432	W/O	Sheeting work at imjh area.	Imjh	N/R	UAIL/LDC/FY24/WHP/852	14-03-2024 08:55	14-03-2024 17:40	COMPLETED
108	UAIL/LDC/FY24/GWP/5431	W/O	Handrailing painting work at IMHO area.	Ijh	N/R	N/R	14-03-2024 08:58	16-03-2024 08:54	COMPLETED
109	UAIL/LDC/FY24/GWP/5430	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/973; UAIL/LDC/FY24/WHP/851	14-03-2024 07:16	14-03-2024 22:32	COMPLETED
110	UAIL/LDC/FY24/GWP/5429	PM1078520	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	13-03-2024 16:09	13-03-2024 18:46	COMPLETED
111	UAIL/LDC/FY24/GWP/5428	PM1078519	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	13-03-2024 18:47	13-03-2024 18:47	COMPLETED
112	UAIL/LDC/FY24/GWP/5427	PM1078517	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	13-03-2024 18:54	13-03-2024 18:54	COMPLETED
113	UAIL/LDC/FY24/GWP/5426	PM1078516	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	13-03-2024 15:50	13-03-2024 18:47	COMPLETED
114	UAIL/LDC/FY24/GWP/5425	PM1078515	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	13-03-2024 15:50	13-03-2024 18:47	COMPLETED
115	UAIL/LDC/FY24/GWP/5424	PM1078511	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	13-03-2024 15:50	13-03-2024 18:47	COMPLETED
116	UAIL/LDC/FY24/GWP/5423	WO1087484	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	13-03-2024 15:49	13-03-2024 18:44	COMPLETED
117	UAIL/LDC/FY24/GWP/5422	PM1078508	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135°	N/R	13-03-2024 15:50	13-03-2024 18:44	COMPLETED
118	UAIL/LDC/FY24/GWP/5421	WO1087486	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/850	13-03-2024 15:21	13-03-2024 18:45	COMPLETED
123	UAIL/LDC/FY24/GWP/5416	W/O	Handrailing painting work at IMHO area.	Ijh	N/R	N/R	13-03-2024 10:07	13-03-2024 17:29	COMPLETED
125	UAIL/LDC/FY24/GWP/5413	W/O	Sheeting work at imjh area.	Imjh	N/R	UAIL/LDC/FY24/WHP/846	13-03-2024 09:21	13-03-2024 17:29	COMPLETED
126	UAIL/LDC/FY24/GWP/5411	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/971; UAIL/LDC/FY24/WHP/845	13-03-2024 07:06	14-03-2024 22:40	COMPLETED
127	UAIL/LDC/FY24/GWP/5410	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/970; UAIL/LDC/FY24/WHP/844	12-03-2024 23:16	13-03-2024 05:43	COMPLETED
128	UAIL/LDC/FY24/GWP/5409	PM1078503	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	12-03-2024 20:57	12-03-2024 20:57	COMPLETED
129	UAIL/LDC/FY24/GWP/5408	PM1078502	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	12-03-2024 16:25	12-03-2024 20:58	COMPLETED
130	UAIL/LDC/FY24/GWP/5407	PM1078501	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	12-03-2024 16:25	12-03-2024 20:58	COMPLETED
131	UAIL/LDC/FY24/GWP/5406	PM1078500	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	12-03-2024 16:25	12-03-2024 20:58	COMPLETED

132	UAIL/LDC/FY24/GWP/5405	PM1078499	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-007-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-LSC2	N/R	12-03-2024 16:25	12-03-2024 20:58	COMPLETED
133	UAIL/LDC/FY24/GWP/5404	PM1078498	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	12-03-2024 16:25	12-03-2024 20:58	COMPLETED
134	UAIL/LDC/FY24/GWP/5403	PM1078496	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	12-03-2024 15:58	12-03-2024 16:26	COMPLETED
135	UAIL/LDC/FY24/GWP/5402	PM1078487	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	12-03-2024 15:58	12-03-2024 16:26	COMPLETED
136	UAIL/LDC/FY24/GWP/5401	PM1078485	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-003-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP2	N/R	12-03-2024 15:58	12-03-2024 16:26	COMPLETED
137	UAIL/LDC/FY24/GWP/5400	PM1078484	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-FX-RB-14-002-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TFP1	N/R	12-03-2024 15:58	12-03-2024 16:26	COMPLETED
138	UAIL/LDC/FY24/GWP/5399	WO1087219	AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	12-03-2024 15:58	12-03-2024 20:57	COMPLETED
139	UAIL/LDC/FY24/GWP/5387	W/O	Sheeting work at imjh area.	Imjh	N/R	UAIL/LDC/FY24/WHP/843	12-03-2024 09:33	12-03-2024 17:50	COMPLETED
142	UAIL/LDC/FY24/GWP/5382	PM1078481	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	11-03-2024 15:47	11-03-2024 20:03	COMPLETED
143	UAIL/LDC/FY24/GWP/5381	PM1078477	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	11-03-2024 15:47	11-03-2024 20:04	COMPLETED
144	UAIL/LDC/FY24/GWP/5380	PM1078476	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-LSC4	N/R	11-03-2024 15:47	11-03-2024 20:04	COMPLETED
145	UAIL/LDC/FY24/GWP/5379	PM1078475	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-LSC3	N/R	11-03-2024 15:30	11-03-2024 15:48	COMPLETED
146	UAIL/LDC/FY24/GWP/5378	PM1078473	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-BK-FK-SD-006-QUARTERLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-LSC1	N/R	11-03-2024 15:30	11-03-2024 19:20	COMPLETED
147	UAIL/LDC/FY24/GWP/5377	WO1086924	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	11-03-2024 15:49	11-03-2024 19:21	COMPLETED
149	UAIL/LDC/FY24/GWP/5375	WO1086918	ROLLER REPLACEMENT WORK AT C1B TAIL END.	C1B TAIL END	C1B-669-004-TE,	N/R	11-03-2024 15:07	11-03-2024 19:23	COMPLETED
150	UAIL/LDC/FY24/GWP/5374	WO1086917	CHUTE INSPECTION AND NUT & BOLT REPLACEMENT	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/113; UAIL/LDC/FY24/WHP/839	11-03-2024 15:10	11-03-2024 19:23	COMPLETED
151	UAIL/LDC/FY24/GWP/5373	W/O	Sheeting work at imjh area.	Imjh	N/R	UAIL/LDC/FY24/WHP/838	11-03-2024 10:03	11-03-2024 17:40	COMPLETED
154	UAIL/LDC/FY24/GWP/5370	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/967; UAIL/LDC/FY24/WHP/836	11-03-2024 06:55	11-03-2024 21:41	COMPLETED
158	UAIL/LDC/FY24/GWP/5364	PM1078460	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	09-03-2024 15:35	09-03-2024 17:40	COMPLETED
160	UAIL/LDC/FY24/GWP/5361	PM1078439	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	09-03-2024 15:00	09-03-2024 17:41	COMPLETED
162	UAIL/LDC/FY24/GWP/5359	WO1084729	C1A INSIDE AREA HOUSEKEPPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	09-03-2024 14:50	09-03-2024 17:41	COMPLETED
163	UAIL/LDC/FY24/GWP/5358	WO1029165	BELT LOCKING CLAMP FABRICATION WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/964	09-03-2024 13:09	09-03-2024 17:28	COMPLETED
164	UAIL/LDC/FY24/GWP/5354	WO1084564	ACOUSTIC ENCLOUSER AT C1A HEAD END.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/963	09-03-2024 11:56	09-03-2024 18:01	COMPLETED
169	UAIL/LDC/FY24/GWP/5348	PM1078409	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	07-03-2024 16:39	07-03-2024 16:50	COMPLETED
175	UAIL/LDC/FY24/GWP/5342	WO1082174	EQUIPMENT CLEANING.(DFDS NOZZLE)	C1A HEADEND	DFS-C1B-669-004,DFS-C1B-669-004-NZL	N/R	07-03-2024 15:47	07-03-2024 17:26	COMPLETED
176	UAIL/LDC/FY24/GWP/5341	WO1082169	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	07-03-2024 15:39	07-03-2024 16:38	COMPLETED
183	UAIL/LDC/FY24/GWP/5333	WO1029165	BELT LOCKING CLAMP FABRICATION WORK	C1A Headend	N/R	UAIL/LDC/FY24/HWP/959	07-03-2024 13:44	07-03-2024 17:57	COMPLETED
184	UAIL/LDC/FY24/GWP/5332	WO1029165	BELT LOCKING CLAMP FABRICATION WORK	C1A HE	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/958	07-03-2024 12:07	07-03-2024 13:29	COMPLETED
194	UAIL/LDC/FY24/GWP/5314	PM1078396	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-LAW-DY-35-900-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,	N/R	06-03-2024 15:26	06-03-2024 18:03	COMPLETED
195	UAIL/LDC/FY24/GWP/5313	PM1078392	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	06-03-2024 15:26	06-03-2024 18:04	COMPLETED
196	UAIL/LDC/FY24/GWP/5312	PM1078391	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	06-03-2024 15:26	06-03-2024 18:04	COMPLETED
197	UAIL/LDC/FY24/GWP/5311	PM1078390	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	06-03-2024 15:26	06-03-2024 18:04	COMPLETED
198	UAIL/LDC/FY24/GWP/5310	PM1078364	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-180-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-180°B	N/R	06-03-2024 15:26	06-03-2024 18:04	COMPLETED
199	UAIL/LDC/FY24/GWP/5309	PM1078363	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	06-03-2024 15:27	06-03-2024 18:04	COMPLETED
200	UAIL/LDC/FY24/GWP/5307	PM1078361	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	06-03-2024 15:27	06-03-2024 18:05	COMPLETED
201	UAIL/LDC/FY24/GWP/5306	PM1078365	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/111; UAIL/LDC/FY24/HWP/957; UAIL/LDC/FY24/WHP/827	06-03-2024 14:56	06-03-2024 18:05	COMPLETED
202	UAIL/LDC/FY24/GWP/5305	WO1081893	AREA HOUSE KEEPING WORK .	C1A HEADEND	C1A-669-002-HE,	N/R	06-03-2024 14:56	06-03-2024 18:05	COMPLETED
206	UAIL/LDC/FY24/GWP/5301	PM1078374	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-007-MONTHLY	C1A HEAD END	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	06-03-2024 14:33	06-03-2024 17:53	COMPLETED
208	UAIL/LDC/FY24/GWP/5299	WO1062748	SAFETY MODEL FABRICATION WORK AT PEJH AREA.	C1A HEAD END	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/956	06-03-2024 10:46	06-03-2024 17:08	COMPLETED
209	UAIL/LDC/FY24/GWP/5298	WO1078012	PLATFORM EXTENSION WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/955; UAIL/LDC/FY24/WHP/826	06-03-2024 10:35	06-03-2024 17:07	COMPLETED
221	UAIL/LDC/FY24/GWP/5279	WO1079344	GEAR BOX 4 HIGH SPEED COUPLING PM WORK.	C1A HEAD END	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	04-03-2024 14:47	04-03-2024 17:10	COMPLETED
222	UAIL/LDC/FY24/GWP/5278	WO1079343	GEAR BOX -3 HIGH SPEED COUPLING PM WORK.	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	04-03-2024 14:29	04-03-2024 17:10	COMPLETED
223	UAIL/LDC/FY24/GWP/5276	WO1079242	AREA HOUSE KEEPING .	C1B TAIL END	C1B-669-004-TE,	N/R	04-03-2024 10:32	04-03-2024 17:19	COMPLETED
228	UAIL/LDC/FY24/GWP/5270	WO1078155	MOTOR 1 HIGH SPEED COUPLING REPLACEMENT	C1A HEAD END	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	UAIL/LDC/FY24/HWP/947; UAIL/LDC/FY24/WHP/816	04-03-2024 07:37	04-03-2024 22:14	COMPLETED

231	UAIL/LDC/FY24/GWP/5266	WO1078012	PLATFORM EXTENSION WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/944; UAIL/LDC/FY24/WHP/814	03-03-2024 08:08	03-03-2024 17:26	COMPLETED
233	UAIL/LDC/FY24/GWP/5263	W/O	deflector liner replacement of c1a discharge chute	C1a head end	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/110; UAIL/LDC/FY24/WHP/812	02-03-2024 14:22	02-03-2024 15:29	COMPLETED
238	UAIL/LDC/FY24/GWP/5258	WO1029165	BELT LOCKING CLAMP FABRICATION WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/941	02-03-2024 07:59	02-03-2024 17:10	COMPLETED
246	UAIL/LDC/FY24/GWP/5246	WO1034825	C1B TAILEND ROLLER REPLACEMENT WORK	C1B TAIL END	C1B-669-001-CV1,	N/R	29-02-2024 15:45	29-02-2024 18:07	COMPLETED
249	UAIL/LDC/FY24/GWP/5243	WO1069389	AREA HOUSE KEEPING AT IMJH AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	29-02-2024 15:45	29-02-2024 18:07	COMPLETED
250	UAIL/LDC/FY24/GWP/5242	PM990790	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	29-02-2024 15:45	29-02-2024 18:08	COMPLETED
251	UAIL/LDC/FY24/GWP/5241	PM990789	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	29-02-2024 15:46	29-02-2024 18:08	COMPLETED
253	UAIL/LDC/FY24/GWP/5239	PM990787	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	29-02-2024 15:46	29-02-2024 18:08	COMPLETED
254	UAIL/LDC/FY24/GWP/5238	PM990786	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	29-02-2024 15:46	29-02-2024 18:08	COMPLETED
260	UAIL/LDC/FY24/GWP/5229	WO1029165	BELT LOCKING CLAMP FABRICATION WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/932	29-02-2024 07:44	29-02-2024 18:15	COMPLETED
261	UAIL/LDC/FY24/GWP/5227	PM990780	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	28-02-2024 15:04	28-02-2024 16:47	COMPLETED
263	UAIL/LDC/FY24/GWP/5225	PM990778	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	28-02-2024 15:04	28-02-2024 16:47	COMPLETED
265	UAIL/LDC/FY24/GWP/5222	WO1054311	AREA HOUSE KEEPING WORK .	C1A HEADEND	C1A-669-002-HE,	N/R	28-02-2024 14:43	28-02-2024 17:03	COMPLETED
266	UAIL/LDC/FY24/GWP/5221	WO1062882	ROLLER REPLACEMENT WORK AT C1A CONVEYOR.	C1A HEADEND	C1A-669-002-HE,	N/R	28-02-2024 14:44	28-02-2024 16:47	COMPLETED
273	UAIL/LDC/FY24/GWP/5206	PM990713	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	27-02-2024 17:49	27-02-2024 17:49	COMPLETED
274	UAIL/LDC/FY24/GWP/5205	PM990711	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	27-02-2024 17:16	27-02-2024 17:25	COMPLETED
275	UAIL/LDC/FY24/GWP/5204	PM990707	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	27-02-2024 17:16	27-02-2024 18:34	COMPLETED
276	UAIL/LDC/FY24/GWP/5203	PM990702	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	27-02-2024 17:16	27-02-2024 18:34	COMPLETED
277	UAIL/LDC/FY24/GWP/5202	PM990696	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	27-02-2024 17:19	27-02-2024 17:46	COMPLETED
278	UAIL/LDC/FY24/GWP/5201	PM990692	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	27-02-2024 16:55	27-02-2024 17:16	COMPLETED
279	UAIL/LDC/FY24/GWP/5200	PM990664	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	27-02-2024 16:55	27-02-2024 17:17	COMPLETED
280	UAIL/LDC/FY24/GWP/5199	PM990650	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	27-02-2024 16:29	27-02-2024 16:56	COMPLETED
281	UAIL/LDC/FY24/GWP/5198	PM990742	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1A HEAD END	BC-C1A-669-003,BC-C1A-669-003-VSCR1	N/R	27-02-2024 16:52	27-02-2024 17:31	COMPLETED
282	UAIL/LDC/FY24/GWP/5197	PM990633	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-CB,	N/R	27-02-2024 16:37	27-02-2024 16:56	COMPLETED
283	UAIL/LDC/FY24/GWP/5196	PM990740	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1A HEAD END	BC-C1A-669-003,BC-C1A-669-003-VSCR3	N/R	27-02-2024 16:52	27-02-2024 17:31	COMPLETED
284	UAIL/LDC/FY24/GWP/5195	PM990605	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-004-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	27-02-2024 16:37	27-02-2024 16:56	COMPLETED
285	UAIL/LDC/FY24/GWP/5194	PM990738	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	27-02-2024 16:52	27-02-2024 17:31	COMPLETED
286	UAIL/LDC/FY24/GWP/5193	PM990602	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-002-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	27-02-2024 16:11	27-02-2024 16:32	COMPLETED
287	UAIL/LDC/FY24/GWP/5192	PM990597	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	27-02-2024 16:11	27-02-2024 16:32	COMPLETED
288	UAIL/LDC/FY24/GWP/5191	PM990735	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	27-02-2024 16:11	27-02-2024 16:48	COMPLETED
289	UAIL/LDC/FY24/GWP/5190	PM990558	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-GB-BF-130-219-H-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002-WNCH,WNCH-C1A-669-002-GB	N/R	27-02-2024 16:11	27-02-2024 16:33	COMPLETED
290	UAIL/LDC/FY24/GWP/5189	PM990732	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	27-02-2024 16:11	27-02-2024 16:48	COMPLETED
292	UAIL/LDC/FY24/GWP/5187	PM990729	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	27-02-2024 16:11	27-02-2024 16:48	COMPLETED
293	UAIL/LDC/FY24/GWP/5186	PM990723	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-BU-DY-109-44-001-HALF YEARLY	C1A HEAD END	VGT-C1A-669-002-WNCH,	N/R	27-02-2024 16:10	27-02-2024 16:48	COMPLETED
296	UAIL/LDC/FY24/GWP/5183	PM990587	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/108; UAIL/LDC/FY24/WHP/800	27-02-2024 15:46	27-02-2024 17:46	COMPLETED
313	UAIL/LDC/FY24/GWP/5154	WO1036343	REPLACEMENT OF ROLLER	C1A HEADEND	C1A-669-002-CV6,	N/R	26-02-2024 18:14	26-02-2024 18:32	COMPLETED
321	UAIL/LDC/FY24/GWP/5142	W/O	Handrail painting work	C1A HEAD END	N/R	N/R	25-02-2024 09:46	25-02-2024 17:25	COMPLETED
334	UAIL/LDC/FY24/GWP/5120	PM990522	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-008-MONTHLY	C1A HEAD END	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	23-02-2024 15:09	23-02-2024 17:54	COMPLETED
335	UAIL/LDC/FY24/GWP/5119	WO1026960	REPLACEMENT OF SCRAPPER	C1B TAIL END	BC-C1A-669-002,BC-C1A-669-002-PSCR	UAIL/LDC/FY24/WHP/779	23-02-2024 15:09	23-02-2024 17:54	COMPLETED
336	UAIL/LDC/FY24/GWP/5117	WO1026558	C1A AREA HOUSEKEEPING WORK	C1A HEAD END	C1A-669-002-HE,	N/R	23-02-2024 15:09	23-02-2024 17:54	COMPLETED
358	UAIL/LDC/FY24/GWP/5085	WO1023144	AREA HOUSEKEEPING C1A HEAD END.	C1A HEADEND	C1A-669-002-HE,	N/R	21-02-2024 16:29	21-02-2024 18:05	COMPLETED
359	UAIL/LDC/FY24/GWP/5084	PM990341	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-DA-PS-18-24-001-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	21-02-2024 16:29	21-02-2024 18:05	COMPLETED
360	UAIL/LDC/FY24/GWP/5083	PM990313	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-HS-PS-S24-HY-002-QUARTERLY	C1B TAIL END	HDB-C1B-669-004-HPU,	N/R	21-02-2024 16:29	21-02-2024 18:05	COMPLETED
361	UAIL/LDC/FY24/GWP/5082	PM990474	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	21-02-2024 16:29	21-02-2024 18:06	COMPLETED

362	UAIL/LDC/FY24/GWP/5081	PM990447	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	21-02-2024 16:29	21-02-2024 18:06	COMPLETED
375	UAIL/LDC/FY24/GWP/5061	WO1005126	WATER PIPE LINE FIT-UP WORK.	C 1 B Tailend	N/R	UAIL/LDC/FY24/HWP/896; UAIL/LDC/FY24/WHP/768	20-02-2024 14:56	20-02-2024 17:10	COMPLETED
379	UAIL/LDC/FY24/GWP/5054	W/O	ROLLER REPLACEMENT AT C1B TAIL END	C1b tail end	C1B-669-004-TE,	N/R	19-02-2024 23:02	19-02-2024 23:24	COMPLETED
398	UAIL/LDC/FY24/GWP/5017	WO1005126	WATER PIPE LINE FIT-UP WORK.	IMJH	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/885	19-02-2024 08:13	19-02-2024 17:07	COMPLETED
402	UAIL/LDC/FY24/GWP/5011	WO1022204	ROLLER REPLACEMT C1A COVEREY	C1A HEAD END	C1A-669-002-CV7,	UAIL/LDC/FY24/WHP/756	17-02-2024 19:26	17-02-2024 19:49	COMPLETED
423	UAIL/LDC/FY24/GWP/4968	PM990311	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-008-QUARTERLY	C1A HEAD END	GBOCS2-C1A-669-002,	N/R	15-02-2024 19:27	15-02-2024 21:00	COMPLETED
424	UAIL/LDC/FY24/GWP/4967	PM990309	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-002-QUARTERLY	C1A HEAD END	GBOCS1-C1A-669-002,	N/R	15-02-2024 19:27	15-02-2024 21:01	COMPLETED
427	UAIL/LDC/FY24/GWP/4958	WO1005414	SAFETY GUARD FIT-UP WORK.	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/865; UAIL/LDC/FY24/WHP/750	15-02-2024 08:05	15-02-2024 17:55	COMPLETED
432	UAIL/LDC/FY24/GWP/4940	PM990231	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP3	N/R	13-02-2024 16:38	13-02-2024 17:45	COMPLETED
433	UAIL/LDC/FY24/GWP/4939	PM990229	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-008-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP2	N/R	13-02-2024 16:39	13-02-2024 17:46	COMPLETED
434	UAIL/LDC/FY24/GWP/4938	PM990227	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-006-QUARTERLY	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-T3BP1	N/R	13-02-2024 16:39	13-02-2024 17:46	COMPLETED
435	UAIL/LDC/FY24/GWP/4937	PM990236	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-QUARTERLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	13-02-2024 16:09	13-02-2024 17:46	COMPLETED
436	UAIL/LDC/FY24/GWP/4936	PM990235	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-QUARTERLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	13-02-2024 16:08	13-02-2024 17:46	COMPLETED
437	UAIL/LDC/FY24/GWP/4935	WO1019095	AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002	N/R	13-02-2024 16:07	13-02-2024 17:54	COMPLETED
438	UAIL/LDC/FY24/GWP/4934	PM990225	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-005-QUARTERLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-T1BP3	N/R	13-02-2024 16:09	13-02-2024 17:46	COMPLETED
439	UAIL/LDC/FY24/GWP/4933	WO1019091	DISCHARGE CHUTE CSK NUT & BOLT REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/102; UAIL/LDC/FY24/HWP/859; UAIL/LDC/FY24/WHP/746	13-02-2024 16:08	13-02-2024 17:47	COMPLETED
440	UAIL/LDC/FY24/GWP/4930	PM990223	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T1B-RB-14-004-QUARTERLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-T1BP2	N/R	13-02-2024 15:21	13-02-2024 16:15	COMPLETED
442	UAIL/LDC/FY24/GWP/4927	PM990217	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-QUARTERLY	C1A HEAD END	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	13-02-2024 15:21	13-02-2024 16:15	COMPLETED
448	UAIL/LDC/FY24/GWP/4906	PM990150	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	12-02-2024 18:20	12-02-2024 18:50	COMPLETED
449	UAIL/LDC/FY24/GWP/4905	PM990146	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	12-02-2024 18:14	12-02-2024 18:51	COMPLETED
450	UAIL/LDC/FY24/GWP/4904	PM990148	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	12-02-2024 18:11	12-02-2024 18:50	COMPLETED
451	UAIL/LDC/FY24/GWP/4903	PM990144	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	12-02-2024 18:09	12-02-2024 18:51	COMPLETED
452	UAIL/LDC/FY24/GWP/4902	PM990142	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	12-02-2024 18:09	12-02-2024 18:51	COMPLETED
453	UAIL/LDC/FY24/GWP/4901	PM990139	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	12-02-2024 18:10	12-02-2024 18:51	COMPLETED
454	UAIL/LDC/FY24/GWP/4900	PM990115	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	12-02-2024 18:10	12-02-2024 18:51	COMPLETED
455	UAIL/LDC/FY24/GWP/4898	PM990189	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	12-02-2024 16:52	12-02-2024 17:17	COMPLETED
457	UAIL/LDC/FY24/GWP/4886	PM990166	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	12-02-2024 15:10	12-02-2024 16:40	COMPLETED
459	UAIL/LDC/FY24/GWP/4884	PM990164	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	12-02-2024 15:10	12-02-2024 17:17	COMPLETED
460	UAIL/LDC/FY24/GWP/4883	WO1017006	C1A AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	12-02-2024 15:03	12-02-2024 17:17	COMPLETED
462	UAIL/LDC/FY24/GWP/4881	WO1018825	90 DEGREE PULLEY LAGGING REPAIR WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	12-02-2024 14:53	12-02-2024 17:17	COMPLETED
463	UAIL/LDC/FY24/GWP/4880	WO1018808	45 DEGREE PM WORK	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	12-02-2024 14:54	12-02-2024 17:17	COMPLETED
474	UAIL/LDC/FY24/GWP/4849	PM990107	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	10-02-2024 08:17	10-02-2024 08:22	COMPLETED
475	UAIL/LDC/FY24/GWP/4848	PM990100	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	10-02-2024 08:18	10-02-2024 08:22	COMPLETED
476	UAIL/LDC/FY24/GWP/4847	PM990049	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEAD END	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	09-02-2024 15:30	09-02-2024 16:27	COMPLETED
477	UAIL/LDC/FY24/GWP/4846	WO1013818	C1A INSIDE AREA HOUSE KEEPING WORK	C1A HEAD END	C1A-669-002-HE,	N/R	09-02-2024 15:15	09-02-2024 16:28	COMPLETED
481	UAIL/LDC/FY24/GWP/4835	WO1010861	MATERIAL FABRICATION FOR ROD GATE AT FABRICATION YARD.	C1 B TAILEND	N/R	UAIL/LDC/FY24/HWP/841	09-02-2024 10:34	09-02-2024 16:30	COMPLETED
484	UAIL/LDC/FY24/GWP/4827	PM989867	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	08-02-2024 15:49	08-02-2024 16:48	COMPLETED
485	UAIL/LDC/FY24/GWP/4826	PM989769	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	08-02-2024 15:49	08-02-2024 16:48	COMPLETED
486	UAIL/LDC/FY24/GWP/4825	PM989728	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-001-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºB	N/R	08-02-2024 15:49	08-02-2024 16:48	COMPLETED
488	UAIL/LDC/FY24/GWP/4823	PM989730	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-O-RB-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-0ºT	N/R	08-02-2024 15:49	08-02-2024 16:49	COMPLETED
489	UAIL/LDC/FY24/GWP/4822	PM989733	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-SN-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SP	N/R	08-02-2024 15:49	08-02-2024 16:49	COMPLETED
490	UAIL/LDC/FY24/GWP/4821	PM989708	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-135-PL-16-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-135º	N/R	08-02-2024 15:49	08-02-2024 16:49	COMPLETED
491	UAIL/LDC/FY24/GWP/4820	PM989718	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-005-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºR	N/R	08-02-2024 15:50	08-02-2024 16:49	COMPLETED
492	UAIL/LDC/FY24/GWP/4819	PM989716	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-90-PL-16-003-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-90ºL	N/R	08-02-2024 15:50	08-02-2024 16:49	COMPLETED

493	UAIL/LDC/FY24/GWP/4818	PM989714	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-45-PL-16-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-45º	N/R	08-02-2024 15:50	08-02-2024 16:50	COMPLETED
496	UAIL/LDC/FY24/GWP/4814	WO1009447	LINER PLATE REPLACEMENT WORK AT C1A DISCHARGE CHUTE.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/HWP/838; UAIL/LDC/FY24/WHP/730	08-02-2024 15:02	08-02-2024 16:50	COMPLETED
497	UAIL/LDC/FY24/GWP/4813	WO1010178	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	08-02-2024 15:03	08-02-2024 16:51	COMPLETED
503	UAIL/LDC/FY24/GWP/4805	WO1011544	PIPE LINE FIT UP WORK	C1 b TAILEND	CT-669-001-CT2,CT2-669-001-PMP3	UAIL/LDC/FY24/HWP/837	08-02-2024 14:38	08-02-2024 16:34	COMPLETED
504	UAIL/LDC/FY24/GWP/4802	WO1010294	BEARING PM WORK	C1B TAILEND	BC-C1B-669-004,BC-C1B-669-004-135º	N/R	08-02-2024 13:33	08-02-2024 16:33	COMPLETED
508	UAIL/LDC/FY24/GWP/4793	WO1005414	SAFETY GUARD FIT-UP WORK.	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/834	08-02-2024 07:48	08-02-2024 16:45	COMPLETED
513	UAIL/LDC/FY24/GWP/4783	WO1005559	TURN OVER 135 DEG.PULLEY PM WORK AT C1B TAIL END AREA.	C1B Tailend	BC-C1B-669-004,BC-C1B-669-004-135º	N/R	06-02-2024 11:44	06-02-2024 14:32	COMPLETED
517	UAIL/LDC/FY24/GWP/4779	WO1009400	TURN OVER 45 DEG.PULLEY PM WORK AT C1B TAIL END AREA.	C1B Tailend	C1B-669-004-TE,	N/R	06-02-2024 10:47	06-02-2024 14:33	COMPLETED
524	UAIL/LDC/FY24/GWP/4767	PM927004	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB2,GB2-C1A-669-002-HSC2	N/R	05-02-2024 16:30	05-02-2024 17:33	COMPLETED
527	UAIL/LDC/FY24/GWP/4760	WO1005023	INSIDE AREA HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	05-02-2024 16:11	05-02-2024 17:33	COMPLETED
530	UAIL/LDC/FY24/GWP/4757	PM989807	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	05-02-2024 15:05	05-02-2024 16:12	COMPLETED
532	UAIL/LDC/FY24/GWP/4755	PM989804	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	05-02-2024 14:59	05-02-2024 16:14	COMPLETED
535	UAIL/LDC/FY24/GWP/4752	WO1005023	INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	05-02-2024 14:49	05-02-2024 17:33	COMPLETED
539	UAIL/LDC/FY24/GWP/4747	PM989751	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEAD END	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/100; UAIL/LDC/FY24/HWP/826; UAIL/LDC/FY24/WHP/721	05-02-2024 13:48	05-02-2024 17:39	COMPLETED
544	UAIL/LDC/FY24/GWP/4734	WO1005126	WATER PIPE LINE FIT-UP WORK.	C1 A headend	N/R	UAIL/LDC/FY24/HWP/820	04-02-2024 10:30	04-02-2024 17:10	COMPLETED
549	UAIL/LDC/FY24/GWP/4726	W/O	Pipeline fit up work	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/815	03-02-2024 07:50	03-02-2024 17:43	COMPLETED
550	UAIL/LDC/FY24/GWP/4725	W/O	Safety guard fit up work	C1A HEAD END	C1B-669-001-HE,	UAIL/LDC/FY24/HWP/814	03-02-2024 07:39	03-02-2024 17:43	COMPLETED
553	UAIL/LDC/FY24/GWP/4719	W/O	IN SIDE AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	02-02-2024 15:33	02-02-2024 17:45	COMPLETED
554	UAIL/LDC/FY24/GWP/4718	W/O	CHUTE LINER PLATE REPLACED.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/99; UAIL/LDC/FY24/WHP/718	02-02-2024 15:32	02-02-2024 17:45	COMPLETED
555	UAIL/LDC/FY24/GWP/4717	W/O	ROLLER REPLACEMENT WORK	C1A HEADEND	C1A-669-002-HE,	UAIL/LDC/FY24/WHP/717	02-02-2024 14:54	02-02-2024 17:45	COMPLETED
559	UAIL/LDC/FY24/GWP/4711	W/O	Safety guard fit up work	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/811	02-02-2024 08:26	02-02-2024 17:48	COMPLETED
560	UAIL/LDC/FY24/GWP/4710	W/O	Pipeline fit up work	C1A head end	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/810	02-02-2024 08:04	02-02-2024 17:48	COMPLETED
563	UAIL/LDC/FY24/GWP/4706	W/O	Pipeline fit up work	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/808	01-02-2024 09:09	01-02-2024 17:41	COMPLETED
564	UAIL/LDC/FY24/GWP/4705	WO949520	SAFETY GUARD FIT-UP WORK.	C1B TAILEND	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/807	01-02-2024 08:23	01-02-2024 17:42	COMPLETED
565	UAIL/LDC/FY24/GWP/4704	WO949520	SAFETY GUARD FIT-UP WORK.	C1A headend	C1A-669-002,HE	UAIL/LDC/FY24/HWP/798	31-01-2024 15:26	31-01-2024 17:42	COMPLETED
567	UAIL/LDC/FY24/GWP/4701	WO972322	ROLLER REPLACEMENT WORK AT IMJH.	C1A HEAD END	C1B-669-001-HE,	N/R	30-01-2024 22:04	30-01-2024 22:36	COMPLETED
568	UAIL/LDC/FY24/GWP/4700	PM926996	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR2	N/R	30-01-2024 16:47	30-01-2024 17:03	COMPLETED
569	UAIL/LDC/FY24/GWP/4699	PM926995	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	30-01-2024 16:48	30-01-2024 17:03	COMPLETED
571	UAIL/LDC/FY24/GWP/4697	PM926994	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	30-01-2024 15:30	30-01-2024 16:59	COMPLETED
572	UAIL/LDC/FY24/GWP/4696	PM926993	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	30-01-2024 15:30	30-01-2024 16:59	COMPLETED
573	UAIL/LDC/FY24/GWP/4695	PM926991	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	30-01-2024 15:30	30-01-2024 17:00	COMPLETED
574	UAIL/LDC/FY24/GWP/4694	WO972158	AREA HOUSE KEEPING WORK .	C1B TAIL END	C1B-669-004-TE,	N/R	30-01-2024 15:31	30-01-2024 17:00	COMPLETED
577	UAIL/LDC/FY24/GWP/4691	WO970173	AREA HOUSE KEEPING WORK .	C1A HEADEND	C1A-669-002-HE,	N/R	30-01-2024 15:29	30-01-2024 17:00	COMPLETED
580	UAIL/LDC/FY24/GWP/4684	WO969729	SAFETY GUARD FIT-UP WORK	C1B Tailend	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/793; UAIL/LDC/FY24/WHP/713	30-01-2024 09:51	30-01-2024 17:23	COMPLETED
582	UAIL/LDC/FY24/GWP/4681	PM926965	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-002-MONTHLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS1	N/R	29-01-2024 17:04	29-01-2024 17:14	COMPLETED
583	UAIL/LDC/FY24/GWP/4680	PM926990	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-005-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	29-01-2024 16:37	29-01-2024 17:34	COMPLETED
584	UAIL/LDC/FY24/GWP/4679	PM926989	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-003-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB4,GB4-C1A-669-002-HSC4	N/R	29-01-2024 16:37	29-01-2024 17:34	COMPLETED
585	UAIL/LDC/FY24/GWP/4678	PM926964	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-001-MONTHLY	C1B TAIL END	BC-C1B-669-004,BC-C1B-669-004-VS2	N/R	29-01-2024 16:24	29-01-2024 16:39	COMPLETED
586	UAIL/LDC/FY24/GWP/4677	PM926963	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	29-01-2024 16:17	29-01-2024 16:39	COMPLETED
587	UAIL/LDC/FY24/GWP/4676	PM926961	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	29-01-2024 16:17	29-01-2024 16:39	COMPLETED
589	UAIL/LDC/FY24/GWP/4674	PM926959	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	29-01-2024 15:56	29-01-2024 16:18	COMPLETED
590	UAIL/LDC/FY24/GWP/4673	PM926958	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	29-01-2024 15:56	29-01-2024 16:18	COMPLETED
591	UAIL/LDC/FY24/GWP/4672	PM926957	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	29-01-2024 15:56	29-01-2024 16:18	COMPLETED
592	UAIL/LDC/FY24/GWP/4671	PM926955	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-005-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	29-01-2024 15:56	29-01-2024 16:19	COMPLETED

603	UAIL/LDC/FY24/GWP/4644	WO949520	SAFETY GUARD FIT-UP WORK.	C1A Head End	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/790	29-01-2024 09:28	29-01-2024 17:40	COMPLETED
604	UAIL/LDC/FY24/GWP/4643	WO969729	SAFETY GUARD FIT-UP WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/789; UAIL/LDC/FY24/WHP/710	29-01-2024 09:23	29-01-2024 17:40	COMPLETED
607	UAIL/LDC/FY24/GWP/4637	PM926951	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	27-01-2024 15:43	27-01-2024 17:20	COMPLETED
608	UAIL/LDC/FY24/GWP/4636	PM926950	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	27-01-2024 15:43	27-01-2024 17:20	COMPLETED
609	UAIL/LDC/FY24/GWP/4635	PM926949	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	27-01-2024 15:43	27-01-2024 17:20	COMPLETED
610	UAIL/LDC/FY24/GWP/4634	PM926948	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	27-01-2024 15:43	27-01-2024 17:20	COMPLETED
611	UAIL/LDC/FY24/GWP/4633	PM926945	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	27-01-2024 15:43	27-01-2024 17:20	COMPLETED
612	UAIL/LDC/FY24/GWP/4632	PM926943	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	27-01-2024 15:43	27-01-2024 17:20	COMPLETED
614	UAIL/LDC/FY24/GWP/4630	WO890747	PLARFORM WELDING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	27-01-2024 15:32	27-01-2024 17:39	COMPLETED
616	UAIL/LDC/FY24/GWP/4628	WO968116	INSIDE BARRICADE AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	27-01-2024 15:01	27-01-2024 17:37	COMPLETED
618	UAIL/LDC/FY24/GWP/4626	WO968138	MOTOR-3 HIGHSPEED COUPLING DECOUPLE	C1A HEADEND	BC-C1A-669-002-GB3,GB3-C1A-669-002-HSC3	N/R	27-01-2024 14:56	27-01-2024 17:37	COMPLETED
619	UAIL/LDC/FY24/GWP/4625	PM926956	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/96; UAIL/LDC/FY24/HWP/787; UAIL/LDC/FY24/WHP/706	27-01-2024 14:45	27-01-2024 17:20	COMPLETED
622	UAIL/LDC/FY24/GWP/4622	WO968093	HOIST MAINTENANCE WORK.	C1A HEAD END	N/R	UAIL/LDC/FY24/WHP/705	27-01-2024 10:58	27-01-2024 17:37	COMPLETED
625	UAIL/LDC/FY24/GWP/4619	WO890747	PLARFORM WELDING WORK	C1B Tailend	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/784; UAIL/LDC/FY24/WHP/703	27-01-2024 09:41	27-01-2024 17:39	COMPLETED
629	UAIL/LDC/FY24/GWP/4611	PM926933	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	26-01-2024 09:03	26-01-2024 09:24	COMPLETED
630	UAIL/LDC/FY24/GWP/4610	PM926929	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	26-01-2024 08:46	26-01-2024 09:25	COMPLETED
631	UAIL/LDC/FY24/GWP/4609	PM926922	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-HD-RB-14-002-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-HP	N/R	26-01-2024 08:41	26-01-2024 09:26	COMPLETED
632	UAIL/LDC/FY24/GWP/4608	WO957786	AREA HOUSEKEEPING	C1B TAIL END	C1B-669-004-TE,	N/R	26-01-2024 08:32	26-01-2024 09:26	COMPLETED
633	UAIL/LDC/FY24/GWP/4607	WO883954	SAFETY GUARD FIT-UP WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/782	26-01-2024 07:33	26-01-2024 14:11	COMPLETED
634	UAIL/LDC/FY24/GWP/4606	PM926872	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-N-SS-B1-A-001-BI MONTHLY	C1A HEADEND	C1A-669-002-HE,	N/R	25-01-2024 17:04	25-01-2024 17:33	COMPLETED
637	UAIL/LDC/FY24/GWP/4602	PM926909	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	25-01-2024 16:36	25-01-2024 17:15	COMPLETED
638	UAIL/LDC/FY24/GWP/4601	PM926855	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	25-01-2024 16:36	25-01-2024 17:14	COMPLETED
639	UAIL/LDC/FY24/GWP/4600	PM926828	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	25-01-2024 16:36	25-01-2024 16:59	COMPLETED
642	UAIL/LDC/FY24/GWP/4597	PM926676	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	25-01-2024 16:36	25-01-2024 16:58	COMPLETED
646	UAIL/LDC/FY24/GWP/4593	PM926672	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	25-01-2024 16:09	25-01-2024 16:57	COMPLETED
651	UAIL/LDC/FY24/GWP/4588	PM926652	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	25-01-2024 16:10	25-01-2024 16:57	COMPLETED
655	UAIL/LDC/FY24/GWP/4584	WO953962	AREA HOUSEKEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	25-01-2024 15:49	25-01-2024 16:31	COMPLETED
658	UAIL/LDC/FY24/GWP/4581	WO957900	REPLACEMENT OF ROLLER	C1A HEADEND	C1A-669-002-CV9,	UAIL/LDC/FY24/WHP/701	25-01-2024 15:29	25-01-2024 16:23	COMPLETED
681	UAIL/LDC/FY24/GWP/4552	WO951585	LINER PLATE REPLACEMENT WORK	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/95; UAIL/LDC/FY24/WHP/699	24-01-2024 13:37	24-01-2024 23:42	COMPLETED
687	UAIL/LDC/FY24/GWP/4543	WO949385	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	22-01-2024 16:36	22-01-2024 17:32	COMPLETED
689	UAIL/LDC/FY24/GWP/4541	PM926810	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SB-BT-HO-120-001-MONTHLY	C1B TAIL END	CHT-C1A-669-002,CHT-C1A-669-002-SKTBRD	N/R	22-01-2024 16:27	22-01-2024 17:32	COMPLETED
693	UAIL/LDC/FY24/GWP/4524	PM926829	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/94; UAIL/LDC/FY24/WHP/697	22-01-2024 15:06	22-01-2024 17:33	COMPLETED
698	UAIL/LDC/FY24/GWP/4513	WO949520	SAFETY GUARD FIT-UP WORK.	C1B TAILEND	C1B-669-004-TE	UAIL/LDC/FY24/HWP/768	20-01-2024 09:54	20-01-2024 17:33	COMPLETED
702	UAIL/LDC/FY24/GWP/4506	WO950102	C1A DISCHARGE CHUTE MOTHER PLATE WELDING WORK AT IMJH AREA.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/93; UAIL/LDC/FY24/HWP/765; UAIL/LDC/FY24/WHP/693	19-01-2024 16:01	19-01-2024 17:36	COMPLETED
736	UAIL/LDC/FY24/GWP/4428	WO947782	C1A HEADEND INSIDE AREA HOUSE KEEPING	C1A HEADEND	C1A-669-002-HE,	N/R	16-01-2024 14:49	16-01-2024 16:05	COMPLETED
737	UAIL/LDC/FY24/GWP/4426	WO947781	C1A HEADEND HIGH-SPEED COUPLING PM WORK .	C1A HEAD END	BC-C1A-669-002-GB3,	N/R	16-01-2024 14:23	16-01-2024 16:05	COMPLETED
738	UAIL/LDC/FY24/GWP/4420	PM926755	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-003-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	15-01-2024 15:52	15-01-2024 18:09	COMPLETED
740	UAIL/LDC/FY24/GWP/4418	WO947415	INSIDE AREA HOUSE KEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	15-01-2024 15:32	15-01-2024 18:10	COMPLETED
741	UAIL/LDC/FY24/GWP/4417	PM926749	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	15-01-2024 15:32	15-01-2024 18:10	COMPLETED
744	UAIL/LDC/FY24/GWP/4407	WO890747	PLARFORM WELDING WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/744; UAIL/LDC/FY24/WHP/680	15-01-2024 09:20	15-01-2024 18:07	COMPLETED
748	UAIL/LDC/FY24/GWP/4401	WO883406	PLATFORM MODIFICATION WORK	C1b TAILEND	N/R	N/R	14-01-2024 10:18	14-01-2024 11:26	COMPLETED
750	UAIL/LDC/FY24/GWP/4399	WO945848	LINNER PLATE NUT BOLT REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/91; UAIL/LDC/FY24/WHP/677	13-01-2024 10:47	13-01-2024 11:39	COMPLETED
752	UAIL/LDC/FY24/GWP/4397	WO945846	C1B AREA HOUSEKEEPING WORK	C1B TAIL END	C1B-669-004-TE,	N/R	13-01-2024 10:13	13-01-2024 11:39	COMPLETED
753	UAIL/LDC/FY24/GWP/4395	WO945843	INSIDE AREA HOUSEKEEPING WORK	C1A HEADEND	C1A-669-002-HE,	N/R	13-01-2024 10:13	13-01-2024 11:39	COMPLETED

754	UAIL/LDC/FY24/GWP/4392	PM926715	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	13-01-2024 09:14	13-01-2024 09:47	COMPLETED
755	UAIL/LDC/FY24/GWP/4391	PM926714	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-003-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	13-01-2024 09:14	13-01-2024 10:38	COMPLETED
756	UAIL/LDC/FY24/GWP/4390	PM926713	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	13-01-2024 09:15	13-01-2024 09:47	COMPLETED
757	UAIL/LDC/FY24/GWP/4389	PM926712	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ1	N/R	13-01-2024 09:15	13-01-2024 09:47	COMPLETED
758	UAIL/LDC/FY24/GWP/4388	PM926711	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPQ2	N/R	13-01-2024 09:15	13-01-2024 10:39	COMPLETED
760	UAIL/LDC/FY24/GWP/4386	PM926585	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	N/R	12-01-2024 15:49	12-01-2024 17:39	COMPLETED
761	UAIL/LDC/FY24/GWP/4385	PM926700	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	12-01-2024 15:49	12-01-2024 17:39	COMPLETED
762	UAIL/LDC/FY24/GWP/4384	PM926699	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	12-01-2024 15:49	12-01-2024 17:39	COMPLETED
763	UAIL/LDC/FY24/GWP/4383	PM926698	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	12-01-2024 15:49	12-01-2024 17:39	COMPLETED
764	UAIL/LDC/FY24/GWP/4382	PM926697	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-TR-BT-TT-300-002-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002-TR,	N/R	12-01-2024 15:49	12-01-2024 17:39	COMPLETED
765	UAIL/LDC/FY24/GWP/4381	PM926696	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	12-01-2024 15:49	12-01-2024 17:46	COMPLETED
766	UAIL/LDC/FY24/GWP/4380	PM926694	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	12-01-2024 15:49	12-01-2024 17:39	COMPLETED
768	UAIL/LDC/FY24/GWP/4378	PM926683	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-006-QUARTERLY	C1A HEADEND	GBOCS3-C1A-669-002,	N/R	12-01-2024 15:49	12-01-2024 17:39	COMPLETED
769	UAIL/LDC/FY24/GWP/4377	PM926682	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-E-C-AC-AH-O-72-005-QUARTERLY	C1A HEADEND	GBOCS2-C1A-669-002,	N/R	12-01-2024 15:49	12-01-2024 17:40	COMPLETED
770	UAIL/LDC/FY24/GWP/4376	WO944982	C1A HEADEND INSIDE AREA HOUSEKEEPING WORK.	C1A HEADEND	C1A-669-002-HE,	N/R	12-01-2024 14:45	12-01-2024 17:40	COMPLETED
772	UAIL/LDC/FY24/GWP/4371	WO943509	HOIST MAINTANANCE WORK	C1A HEADEND	N/R	UAIL/LDC/FY24/WHP/674	12-01-2024 12:00	12-01-2024 17:34	COMPLETED
773	UAIL/LDC/FY24/GWP/4367	WO890747	PLARFORM WELDING WORK	C1A HEADEND	N/R	N/R	12-01-2024 09:38	12-01-2024 17:36	COMPLETED
774	UAIL/LDC/FY24/GWP/4365	WO890747	PLARFORM WELDING WORK	C1B tailend	N/R	UAIL/LDC/FY24/WHP/737	11-01-2024 11:08	11-01-2024 17:06	COMPLETED
775	UAIL/LDC/FY24/GWP/4357	WO942892	C1A HEAD END DISCHARGE CHUTE LINER PLATE REPLACEMENT WORK.	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/90; UAIL/LDC/FY24/HWP/736; UAIL/LDC/FY24/WHP/669	10-01-2024 11:12	10-01-2024 21:57	COMPLETED
780	UAIL/LDC/FY24/GWP/4349	WO930673	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA	C1A HEADEND	C1A-669-002-HE,	N/R	10-01-2024 23:18	10-01-2024 23:19	COMPLETED
783	UAIL/LDC/FY24/GWP/4338	WO890747	PLARFORM WELDING WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/732; UAIL/LDC/FY24/WHP/663	09-01-2024 10:29	09-01-2024 18:18	COMPLETED
786	UAIL/LDC/FY24/GWP/4330	WO930673	INSIDE AREA HOUSEKEEPING WORK AT C1A AREA	C1A HEADEND	C1A-669-002-HE,	N/R	09-01-2024 07:24	09-01-2024 12:49	COMPLETED
787	UAIL/LDC/FY24/GWP/4329	PM926606	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT1	N/R	08-01-2024 23:18	09-01-2024 00:28	COMPLETED
788	UAIL/LDC/FY24/GWP/4328	PM926605	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-TV-8W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPT2	N/R	08-01-2024 23:18	09-01-2024 00:28	COMPLETED
789	UAIL/LDC/FY24/GWP/4327	PM926604	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-018-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS7	N/R	08-01-2024 23:18	09-01-2024 00:27	COMPLETED
790	UAIL/LDC/FY24/GWP/4326	PM926603	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-017-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS10	N/R	08-01-2024 23:00	09-01-2024 00:15	COMPLETED
791	UAIL/LDC/FY24/GWP/4325	PM926602	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-011-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS8	N/R	08-01-2024 23:00	09-01-2024 00:15	COMPLETED
792	UAIL/LDC/FY24/GWP/4324	PM926601	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-004-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS6	N/R	08-01-2024 23:00	09-01-2024 00:14	COMPLETED
793	UAIL/LDC/FY24/GWP/4323	PM926600	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-001-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS9	N/R	08-01-2024 23:01	09-01-2024 00:14	COMPLETED
794	UAIL/LDC/FY24/GWP/4322	PM926599	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-QV-1W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	08-01-2024 23:01	09-01-2024 00:13	COMPLETED
796	UAIL/LDC/FY24/GWP/4320	WO930671	INSIDE AREA HOUSEKEEPING WORK AT PEJH AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	08-01-2024 19:13	08-01-2024 21:36	COMPLETED
797	UAIL/LDC/FY24/GWP/4319	WO930673	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA	C1A HEADEND	C1A-669-002-HE,	N/R	08-01-2024 15:18	08-01-2024 21:36	COMPLETED
798	UAIL/LDC/FY24/GWP/4310	WO935381	HIGH SPEED COUPLING GEAR BOX 1 PM WORK	C1A HEADEND	BC-C1A-669-002-GB1,	N/R	08-01-2024 11:19	08-01-2024 21:32	COMPLETED
802	UAIL/LDC/FY24/GWP/4304	PM926590	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-010-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS4	N/R	08-01-2024 00:22	08-01-2024 01:20	COMPLETED
803	UAIL/LDC/FY24/GWP/4303	PM926589	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	08-01-2024 00:22	08-01-2024 01:22	COMPLETED
804	UAIL/LDC/FY24/GWP/4302	PM926587	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-006-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS3	N/R	08-01-2024 00:23	08-01-2024 01:22	COMPLETED
805	UAIL/LDC/FY24/GWP/4301	PM926578	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	07-01-2024 23:40	08-01-2024 01:18	COMPLETED
806	UAIL/LDC/FY24/GWP/4300	PM926577	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-012-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS2	N/R	07-01-2024 23:40	08-01-2024 01:18	COMPLETED
807	UAIL/LDC/FY24/GWP/4299	PM926576	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-003-QUARTERLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS1	N/R	07-01-2024 23:41	08-01-2024 01:19	COMPLETED
810	UAIL/LDC/FY24/GWP/4296	WO930673	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA	C1A HEADEND	C1A-669-002-HE,	N/R	07-01-2024 15:17	07-01-2024 21:44	COMPLETED
811	UAIL/LDC/FY24/GWP/4292	WO883406	PLATFORM MODIFICATION WORK	c1 b TAILEND	N/R	UAIL/LDC/FY24/HWP/722; UAIL/LDC/FY24/WHP/651	07-01-2024 10:41	07-01-2024 17:19	COMPLETED
821	UAIL/LDC/FY24/GWP/4278	PM926559	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-019-FORTNIGHTLY	C1A HEADEND	VGT-C1A-669-002,VGT-C1A-669-002-SPS5	N/R	06-01-2024 18:55	06-01-2024 21:45	COMPLETED
824	UAIL/LDC/FY24/GWP/4264	WO930671	INSIDE AREA HOUSEKEEPING WORK AT PEJH AREA.	C1B TAIL END	C1B-669-004-TE,	N/R	06-01-2024 10:18	06-01-2024 18:33	COMPLETED
825	UAIL/LDC/FY24/GWP/4263	WO930673	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA	C1A HEADEND	C1A-669-002-HE,	N/R	06-01-2024 10:08	06-01-2024 18:33	COMPLETED

828	UAIL/LDC/FY24/GWP/4259	PM926540	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T2B-RB-14-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP1	N/R	05-01-2024 23:22	06-01-2024 04:22	COMPLETED
829	UAIL/LDC/FY24/GWP/4258	PM926539	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-T-RB-14-001-HALF YEARLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-T2BP2	N/R	05-01-2024 23:23	06-01-2024 04:22	COMPLETED
830	UAIL/LDC/FY24/GWP/4257	PM926544	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-FORTNIGHTLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP2	N/R	05-01-2024 23:23	06-01-2024 04:23	COMPLETED
834	UAIL/LDC/FY24/GWP/4253	PM926538	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CPD-BH-MV-RB-14-004-QUARTERLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-TMP1	N/R	05-01-2024 23:23	06-01-2024 04:23	COMPLETED
836	UAIL/LDC/FY24/GWP/4243	WO929493	SAFETY GUARD FIT UP WORK	C1 B tail end	N/R	UAIL/LDC/FY24/HWP/714	05-01-2024 07:25	05-01-2024 14:00	COMPLETED
837	UAIL/LDC/FY24/GWP/4242	WO890747	PLARFORM WELDING WORK	C1B TAILEND	N/R	UAIL/LDC/FY24/HWP/713; UAIL/LDC/FY24/WHP/641	05-01-2024 07:01	05-01-2024 16:10	COMPLETED
845	UAIL/LDC/FY24/GWP/4232	PM926525	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-CP-EC-E2-G-006-MONTHLY	C1A HEADEND	BC-C1A-669-002-GB1,GB1-C1A-669-002-HSC1	N/R	03-01-2024 16:01	03-01-2024 17:20	COMPLETED
847	UAIL/LDC/FY24/GWP/4230	WO927764	INSIDE AREA HOUSEKEEPING WORK AT IMJH AREA.	C1A HEADEND	C1A-669-002-HE,	N/R	03-01-2024 15:57	03-01-2024 17:21	COMPLETED
848	UAIL/LDC/FY24/GWP/4229	WO927796	RECIPROCATING COMPRESSOR OIL TOPUP WORK AT IMJH AREA.	C1A HEADEND	ABS-C1A-669-002-AC,	N/R	03-01-2024 15:56	03-01-2024 17:20	COMPLETED
851	UAIL/LDC/FY24/GWP/4225	WO927775	HYDRAULIC OIL TOPUP WORK AT IMJH AREA.	C1B TAIL END	HDB-C1B-669-004-DISC,	N/R	03-01-2024 15:32	03-01-2024 17:39	COMPLETED
853	UAIL/LDC/FY24/GWP/4222	PM926527	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-PL-DY-SV-4W-016-FORTNIGHTLY	C1A HEAD END	VGT-C1B-669-001,VGT-C1B-669-001-SPS4	N/R	03-01-2024 15:22	03-01-2024 16:17	COMPLETED
858	UAIL/LDC/FY24/GWP/4216	WO929493	SAFETY GUARD FIT UP WORK	C1A HEAD END	C1A-669-002-HE,	UAIL/LDC/FY24/HWP/707	03-01-2024 10:57	03-01-2024 17:22	COMPLETED
859	UAIL/LDC/FY24/GWP/4213	WO889356	WATER PIPE LINE MODIFICATION WORK	C1B TAILEND	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/706; UAIL/LDC/FY24/WHP/639	03-01-2024 10:31	03-01-2024 17:22	COMPLETED
860	UAIL/LDC/FY24/GWP/4209	PM875902	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-D2-UT-002-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-SSCR1	N/R	02-01-2024 16:07	02-01-2024 17:35	COMPLETED
861	UAIL/LDC/FY24/GWP/4208	PM875901	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-XH-CB-90-001-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-PSCR	N/R	02-01-2024 15:23	02-01-2024 16:22	COMPLETED
863	UAIL/LDC/FY24/GWP/4206	PM875900	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-SPR-MT-BW-VP-006-MONTHLY	C1A HEADEND	BC-C1A-669-002,BC-C1A-669-002-VSCR	N/R	02-01-2024 15:23	02-01-2024 16:23	COMPLETED
867	UAIL/LDC/FY24/GWP/4200	PM875899	MECHANICAL-LDC PREVENTIVE MAINTENANCE-UM-LDC-S-LI-HS-MP-N13-001-WEEKLY	C1A HEADEND	CHT-C1A-669-002,	UAIL/LDC/FY24/CSE/84; UAIL/LDC/FY24/WHP/636	02-01-2024 15:04	02-01-2024 17:35	COMPLETED
871	UAIL/LDC/FY24/GWP/4192	WO889356	WATER PIPE LINE MODIFICATION WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/702; UAIL/LDC/FY24/WHP/631	01-01-2024 10:14	01-01-2024 14:08	COMPLETED
872	UAIL/LDC/FY24/GWP/4191	WO890747	PLARFORM WELDING WORK	C1B TAIL END	C1B-669-004-TE,	UAIL/LDC/FY24/HWP/701; UAIL/LDC/FY24/WHP/630	01-01-2024 09:49	01-01-2024 14:08	COMPLETED

BATEMAN

Revision

Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 27-06-18 — Tag No.:

Project No.: — Plant Area: CIA HEADEND DRIVE AREA

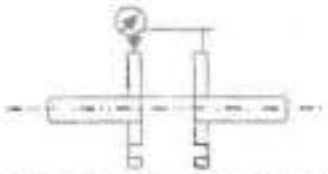
Contractor M/s: SALPL — Page: 01 Of 01

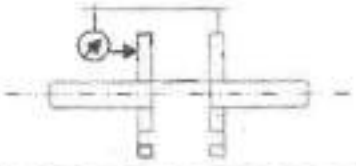
No.	Items to be Inspected	Inspected by Contractor	Inspected by
1.	Check that seals are installed correctly	Checked	Checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	Checked
3.	Check that the keys are fitted into keyways	Checked	Checked
4.	Check that orientation of couplings is correct	Checked	Checked
5.	Check for freedom of movement and direction of rotation	Checked	Checked
8.	Check torque on taper locking element(Shrink disc) locating low speed coupling if installed	N/A	N/A
6.	Check that couplings bolts are secured	checked	checked
7.	Dimensions checked as per Vendor data sheet	Ok	Ok
9.	Coupling guard in place and secured	Ok	Ok

Coupling between ..Gear box..4.. and ..... Motor..4...

Coupling type ... High speed (CED-2280)

Coupling outside dia. 179 mm Input shaft dia. 110 ... mm Output shaft dia. 90 ... mm





Concentric Misalignment

0°	0.00mm
90°	0.02 mm
180°	0 mm
270°	-0.01 mm
360°	0.00 mm

Angular Misalignment

0°	6.02 6.00mm
90°	6.02 mm
180°	6.03 mm
270°	6.01 mm
360°	6.02 mm

Min or Measured at top coupling gap ..... 6.....mm .....mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for SALPL by	Print Name	Signature	Date
Accepted / Witnessed for Client by	Print Name	Signature	Date
Accepted / Witnessed for .....by	Print Name	Signature	Date

BATEMAN

Revision

Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 27-06-18 — Tag No.:

Project No.: — Plant Area: C1A HEADEND DRIVE AREA

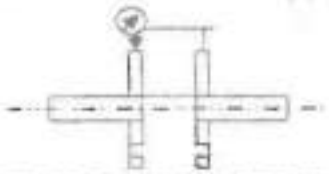
Contractor: M/s SALPL — Page: 01 Of 01

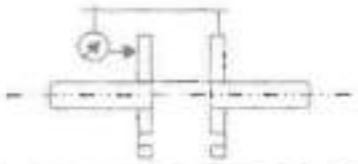
No.	Items to be Inspected	Inspected by Contractor	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	Checked	Checked
3.	Check that the keys are fitted into keyways	N/A	N/A
4.	Check that orientation of couplings is correct	Checked	checked
5.	Check for freedom of movement and direction of rotation	-	-
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	Checked @ 355 Nm	Checked @ 355 Nm
6.	Check that couplings bolts are secured	Checked @ 1180 Nm	Checked @ 1180 Nm
7.	Dimensions checked as per Vendor data sheet	Found ok	Found ok
9.	Coupling guard in place and secured	ok	ok

Coupling between ...Gear box - 4... and ...Drive pulley shaft

Coupling type ...Rigid coupling CMake. Bikon FK-250

Coupling outside dia 550 mm Input shaft dia 250 ... mm Output shaft dia 320 ... mm





Concentric Misalignment

0°	0.00mm
90°	-0.02 mm
180°	+0.03 mm
270°	0.02 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	-0.02 mm
180°	+0.04 mm
270°	+0.02 mm
360°	0.00 mm

Min or Measured at top coupling gap ..... Nil.....mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for SALPL by	Print Name	Signature	Date
Accepted / Witnessed for Client by	Print Name	Signature	Date
Accepted / Witnessed for .....by	Print Name	Signature	Date

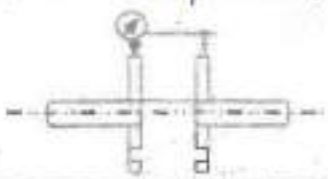
Revision

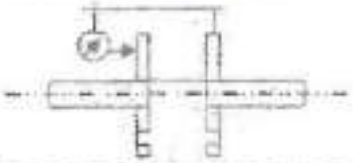
Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 4-11-2020 — Tag No.:
Project No.: — Plant Area: IMJH CC1A-HE GB-3)
Contractor: M/s SALPL — Page: 01 Of 01

No.	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	checked
3.	Check that the keys are fitted into keyways	checked	checked
4.	Check that orientation of couplings is correct	checked	checked
5.	Check for freedom of movement and direction of rotation	checked	checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	—	—
6.	Check that couplings bolts are secured	checked	checked
7.	Dimensions checked as per Vendor data sheet	checked	checked
9.	Coupling guard in place and secured	checked	checked

Coupling between ... MOTOR-3 ... and ... Gear box-3
Coupling type ... High Speed Coupling (CED-2200)
Coupling outside dia. 174 mm. Input shaft dia. 110 mm. Output shaft dia. 90 rpm





Concentric Misalignment

0°	0.00mm
90°	(+0.03) mm
180°	(+0.05) mm
270°	(+0.02) mm
360°	(0.00) mm

Angular Misalignment

0°	0.00mm
90°	6.23 mm
180°	6.00 mm
270°	6.10 mm
360°	6.22 mm

Min or Measured at top coupling gap ..... 6.2 .....mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for by SALPL	Print Name Sumanta Nayak	Signature	Date	4-11-2020
Accepted / Witnessed for Client by SALPL	Print Name R.B. Singh	Signature	Date	05-11-2020
Accepted / Witnessed for .....by	Print Name	Signature	Date	

Work Rabindra Khuntia (WAH)

Revision

1089

Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 4-11-2020 — Tag No.:

Project No.: — Plant Area: IMJH (CCIA-HE - GB-3)

Contractor: M/s SALPL — Page: 01 Of 01

No	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	checked
3.	Check that the keys are fitted into keyways	N/A	N/A
4.	Check that orientation of couplings is correct	checked	checked
5.	Check for freedom of movement and direction of rotation	checked	checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	checked @ 380 Nm	checked @ 380 Nm
6.	Check that couplings bolts are secured	checked @ 1180 Nm	checked @ 1180 Nm
7.	Dimensions checked as per Vendor data sheet	ok	checked
9.	Coupling guard in place and secured	ok	checked

Coupling between ...Drive pulley... and ...Gear box - 3...

Coupling type ...Rigid coupling.. shrink disc type (BIKON FK-250-300)

Coupling outside dia. 550 mm, ..Input shaft dia. 280 mm, ...Output shaft dia. 250 mm



Concentric Misalignment	
0°	0.00mm
90°	(+0.02) mm
180°	(−0.02) mm
270°	(+0.03) mm
360°	(0.00) mm

Angular Misalignment	
0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

N/A
All measurement taken by scale

Min or Measured at top coupling gap .....Nil.....mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for SALPL by	Print Name Sunanchal Nath	Signature	Date 4-11-2020
Accepted / Witnessed for Client by SALPL	Print Name R.B. Singh	Signature	Date 05-11-2020
Accepted / Witnessed for .....by	Print Name	Signature	Date

Work Rotation Clockwise (WRT)

1090

COUPLING & ALIGNMENT

sri aditya logistics

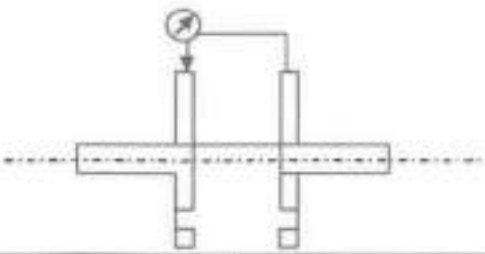
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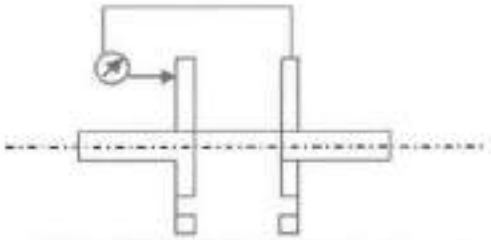
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1	Check that seals are installed correctly	checked	checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	checked	checked
3	Check that the keys are fitted into keyways	checked	checked
4	Check that orientation of couplings is correct	checked	checked
5	Check for freedom of movement and direction of rotation	checked	checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	—NR—	—NR—
7	Check that couplings bolt are secured.	checked	checked
8	Dimensions checked as per Vendor data Sheet	checked	checked
9	Coupling guard in place and secured	checked	checked

Coupling Between Gearbox-I (CSA) and Motor-I (CSA)

Coupling Type High speed coupling (Gear coupling) (ED220)

Coupling outside dia 178 mm... , Input shaft dia 90 mm ..., Output Shaft dia 110 mm





Concentric Misalignment

0°	0.00mm
90°	(+0.08) mm
180°	(+0.08) mm
270°	(0.00) mm
360°	(0.00) mm

Angular Misalignment

0°	0.00mm
90°	5.4 mm
180°	5.45 mm
270°	5.45 mm
360°	5.4 mm

Min or Measured at top coupling gap 5.4 mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)
	✓			

CHECKED BY

REVIEWED BY

APPROVED BY

1091

COUPLING & ALIGNMENT

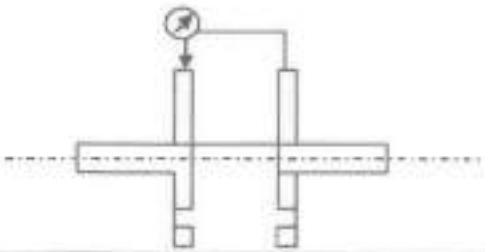
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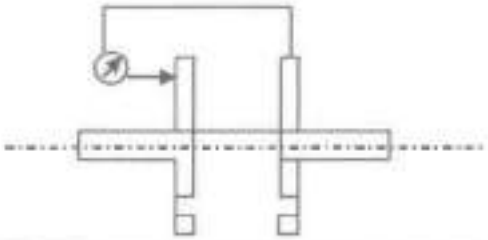
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways	Checked	Checked
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	—NR—	—NR—
7	Check that couplings bolt are secured.	Checked	Checked
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Gearbox-II (C14) and Motor-II (C14)

Coupling Type High speed coupling (Gear coupling) (ED-2200)

Coupling outside dia 178 mm... , Input shaft dia 90 mm ..., Output Shaft dia 110 mm





Concentric Misalignment

0°	0.00mm
90°	0.00 mm
180°	-0.03 mm
270°	-0.05 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	5.3 mm
180°	5.15 mm
270°	5.15 mm
360°	5.3 mm

Min or Measured at top coupling gap 5.3 mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

CHECKED BY REVIEWED BY APPROVED BY

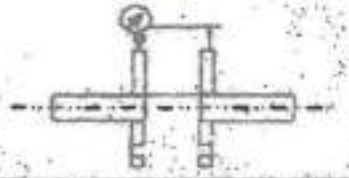
Field Installation Checklist — Couplings and Alignment

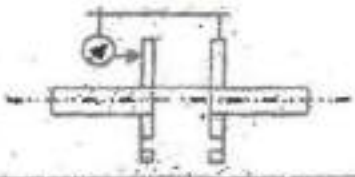
1092

Project Name: Utkal LDC | Date: 28.5.21 | Tag No.:
Project No.: | Plant Area: CIA (MMH Drive - pulley-I gearbox-II
Contractor: M/s | Page: 01 Of 01

No	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	checked
3.	Check that the keys are fitted into keyways	—	—
4.	Check that orientation of couplings is correct	checked	checked
5.	Check for freedom of movement and direction of rotation	checked	checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	@ 280Nm checked	@ 280Nm checked
6.	Check that couplings bolts are secured	@ 1180Nm checked	@ 1180 Nm checked
7.	Dimensions checked as per Vendor data sheet	checked	checked
9.	Coupling guard in place and secured	checked	checked

Coupling between: Drive pulley-I and ...Gear box-II
Coupling type: Rigid coupling (shrink disc type (Bkm TF-250-320)
Coupling outside dia. 520 mm. Input shaft dia. 320 mm. Output shaft dia. 250 mm





Concentric Misalignment

0°	0.00mm
90°	+0.04 mm
180°	+0.03 mm
270°	-0.04 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap ..... 0.14 ..... mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)
Accepted for ... by CMPL	Print Name Somashekar Naik	Signature		Date
Accepted / Witnessed for ... by CMPL	Print Name P. B. Singh	Signature		Date
Accepted / Witnessed for ... by	Print Name	Signature		Date

Field Installation Checklist

Couplings and Alignment

1093

Project Name: Utkal LDC | Date: 25.05.21 | Tag No.:

Project No.: | Plant Area: CLA (Mill Drive pulley - I bearbox I

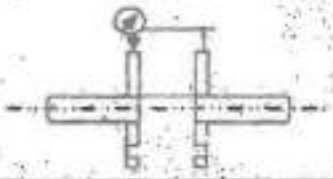
Contractor: M/s | Page: 01 Of 01

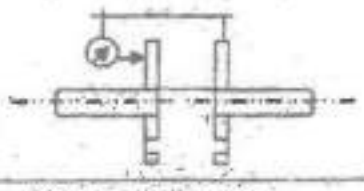
No.	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	checked
3.	Check that the keys are fitted into keyways	—	—
4.	Check that orientation of couplings is correct	checked	checked
5.	Check for freedom of movement and direction of rotation	checked	checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	@ 380Nm checked	@ 380Nm checked
6.	Check that couplings bolts are secured	@ 1180 Nm checked	@ 1180Nm checked
7.	Dimensions checked as per Vendor data sheet	checked	checked
9.	Coupling guard in place and secured	checked	checked

Coupling between ...Drive pinion I... and ...Input box I...

Coupling type ...Rigid Coupling (Shrink disc (Bikon FK250-380)...

Coupling outside dia. 550 mm. Input shaft dia. 320 mm. Output shaft dia. 250 mm





Concentric Misalignment

0°	0.00mm
90°	+ 0.03 mm
180°	+ 0.02 mm
270°	- 0.05 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap ...Nil.....mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for ... by SAIPL	Print Name Siddhartha Nath	Signature	Date
Accepted / Witnessed for Client by CAL PL	Print Name R. K. Singh	Signature	Date
Accepted / Witnessed for .....by	Print Name	Signature	Date

Revision

Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 02/04/21 — Tag No.:

Project No.: — Plant Area: IMSH [CIM HE MT-3]

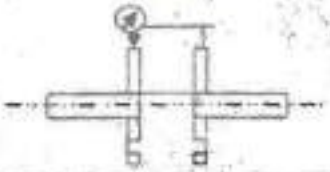
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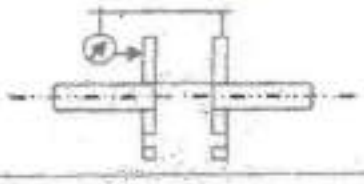
No	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	Checked	Checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	Checked	Checked
3.	Check that the keys are fitted into keyways	Checked	Checked
4.	Check that orientation of couplings is correct	Checked	Checked
5.	Check for freedom of movement and direction of rotation	Checked	Checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	—	—
6.	Check that couplings bolts are secured	Checked	Checked
7.	Dimensions checked as per Vendor data sheet	Checked	Checked
9.	Coupling guard in place and secured	Checked	Checked

Coupling between Gear Box-3 and Motor-3

Coupling type High Speed Coupling (CFD-220)

Coupling outside dia. 179 mm, Input shaft dia. 90 mm, Output shaft dia. 118 mm





Concentric Misalignment

0°	0.00mm
90°	(+0.02) mm
180°	(+0.05) mm
270°	(+0.05) mm
360°	(0.00) mm

Angular Misalignment

0°	0.00mm
90°	5.91 mm
180°	5.90 mm
270°	5.90 mm
360°	5.90 mm

Min or Measured at top coupling gap ..... 5.9 ..... mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for SAIL by	Print Name Sunachal Udy	Signature	Date
Accepted / Witnessed for Client by	Print Name R.B. Singh	Signature	Date 02/03/21
Accepted / Witnessed for ..... by	Print Name	Signature	Date

Revision

Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 02/04/21 — Tag No.:

Project No.: — Plant Area: IMJH C (IA HE Gr. 4)

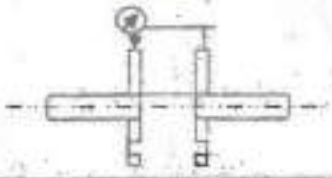
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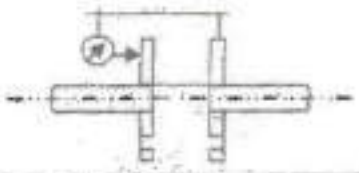
No.	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	checked
3.	Check that the keys are fitted into keyways	checked	checked
4.	Check that orientation of couplings is correct	checked	Checked
5.	Check for freedom of movement and direction of rotation	checked	checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	—	—
6.	Check that couplings bolts are secured	checked	checked
7.	Dimensions checked as per Vendor data sheet	checked	checked
9.	Coupling guard in place and secured	checked	checked

Coupling between ...Gearbox-4... and ...Motor...Motor-4

Coupling type ...High Speed Coupling ...(FED-8500)

Coupling outside dia. 474 mm. ..Input shaft dia. 90 mm. ... Output shaft dia. 110 rpm





Concentric Misalignment

0°	0.00mm
90°	(+0.03) mm
180°	(-0.03) mm
270°	(0.00) mm
360°	(0.00) mm

Angular Misalignment

0°	0.00mm
90°	6.00 mm
180°	6.01 mm
270°	6.00 mm
360°	6.00 mm

Min or Measured at top coupling gap ..... 6.02 ...mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for ... by SALPL	Print Name Somanchal Nag	Signature	Date
Accepted / Witnessed for Client by SALPL	Print Name R.B.Singh	Signature	Date 02/03/21
Accepted / Witnessed for ..... by	Print Name	Signature	Date

Revision

Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 09/04/21 — Tag No.:

Project No.: — Plant Area: IMJH (CIA HE GIB-5)

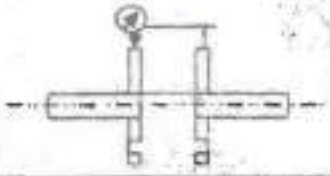
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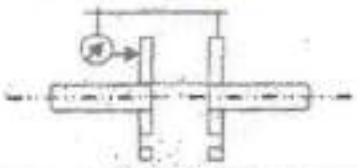
No	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	checked
3.	Check that the keys are fitted into keyways	—	—
4.	Check that orientation of couplings is correct	checked	checked
5.	Check for freedom of movement and direction of rotation	checked	checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	checked @ 380Nm	checked @ 380Nm
6.	Check that couplings bolts are secured	checked @ 1180Nm	checked @ 1180Nm
7.	Dimensions checked as per Vendor data sheet	checked	checked
9.	Coupling guard in place and secured	checked	checked

Coupling between ...Drive pulley... and Gearbox-3

Coupling type ..Rigid coupling shrink disc type (Bikon FK-250-300)

Coupling outside dia..550..mm. ..Input shaft dia..320..mm. ....Output shaft dia..255..mm





Concentric Misalignment

0°	0.00mm
90°	-0.04 mm
180°	+0.03 mm
270°	-0.04 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap .....Nil..... mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for by SALPL	Print Name Somashekar naik	Signature	Date 02/03/21
Accepted / Witnessed for Client by SALPL	Print Name P.B. Singh	Signature	Date
Accepted / Witnessed for .....by	Print Name	Signature	Date

Revision

Field Installation Checklist — Couplings and Alignment

Project Name: Utkal LDC — Date: 02/04/21 — Tag No.:

Project No.: — Plant Area: CHP-C (MB-4)

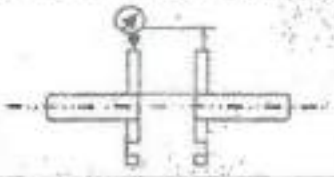
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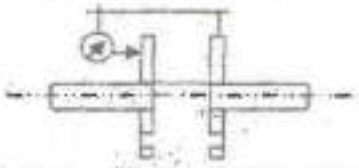
No	Items to be Inspected	Inspected by	Inspected by
1.	Check that seals are installed correctly	checked	checked
2.	Check correct grade and level or amount of lubricant as specified in the lubrication schedule / Vendor information	checked	checked
3.	Check that the keys are fitted into keyways	—	—
4.	Check that orientation of couplings is correct	checked	checked
5.	Check for freedom of movement and direction of rotation	checked	checked
8.	Check torque on taper locking elements(Shrink disc) locating low speed coupling if installed	checked @ 380Nm	checked @ 380Nm
6.	Check that couplings bolts are secured	checked @ 1180Nm	checked @ 1180Nm
7.	Dimensions checked as per Vendor data sheet	checked	checked
9.	Coupling guard in place and secured	checked	checked

Coupling between Drive pulley and Gear box-A

Coupling type Rigid coupling shrink disc type (Bikon FK-250-370)

Coupling outside dia. 550 mm. Input shaft dia. 380 mm. Output shaft dia. 250 mm





Concentric Misalignment

0°	0.00mm
90°	(+ 0.04) mm
180°	(- 0.03) mm
270°	(- 0.04) mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap ..... mm

1. Couplings halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top, rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by (Date)

Accepted for SAL PL by	Print Name Somanchal Mohanty	Signature	Date
Accepted / Witnessed for Client by CALPL	Print Name R.P. Singh	Signature	Date
Accepted / Witnessed for .....by	Print Name	Signature	Date

COUPLING & ALIGNMENT

1098

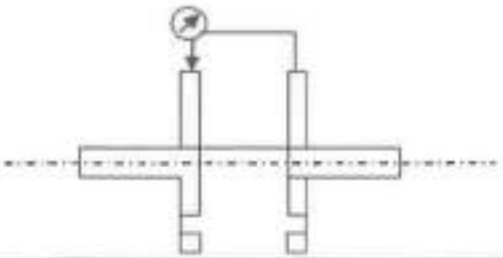
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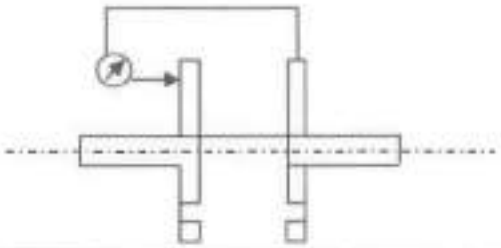
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1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways	Checked	Checked
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	—	—
7	Check that couplings bolt are secured.	Checked	Checked
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Gear box-1 and Motor-1

Coupling Type High speed Coupling (Gear coupling PD-2800)

Coupling outside dia 178 mm..., Input shaft dia 90 mm ..., Output Shaft dia 190 mm





Concentric Misalignment

0°	0.00mm
90°	-0.04 mm
180°	+0.01 mm
270°	+0.02 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	6.45 mm
180°	6.45 mm
270°	6.45 mm
360°	6.45 mm

Min or Measured at top coupling gap 6.45 mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

1099

sri aditya logistics

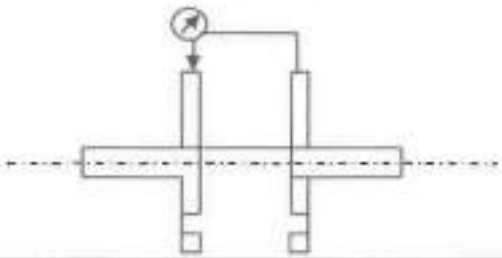
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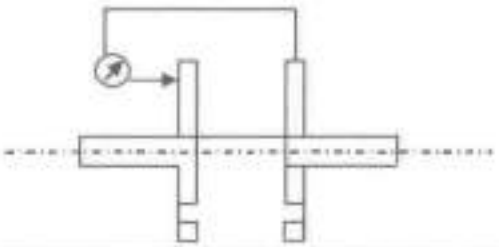
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	checked	Checked
3	Check that the keys are fitted into keyways	-	-
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked 380 N/M	Checked 380 N/M
7	Check that couplings bolt are secured.	Checked 1180 Nm	Checked 1180
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Drive Pulley-2 and Gear box-1

Coupling Type Flexible coupling shrink disc type (Bikon FX 250-320)

Coupling outside dia 550 (Pulley) mm... , Input shaft dia 320 (Pulley) mm ..., Output Shaft dia 250 (GB) mm





Concentric Misalignment

0°	0.00mm
90°	+0.05 mm
180°	+0.10 mm
270°	+0.13 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap After Alignment gap of 0 mm.

1. **Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).**
2. **Record indicator movement as positive when coupling half moves towards the indicator.**
3. **0° Position is at top rotation clockwise from driving side.**

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

Surat Kumar Jena

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

1100

sri aditya

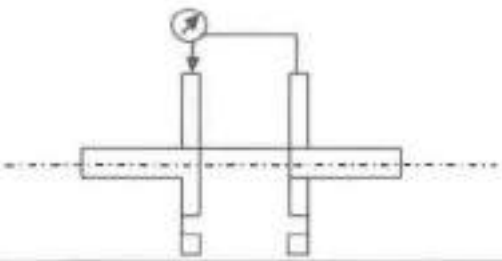
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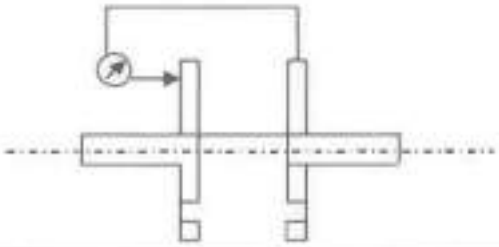
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways	—	—
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked	Checked
7	Check that couplings bolt are secured.	Checked	Checked
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Drive pulley-1 (R.H.S) and _____

Coupling Type Rigid Coupling Shrink disc type (BIKON FK-250-320)

Coupling outside dia 550 mm... , Input shaft dia 320 mm ..., Output Shaft dia 320 mm





Concentric Misalignment

0°	0.00mm
90°	+0.02 mm
180°	+0.02 mm
270°	+0.02 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap_____mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

* Coupling fitting Position 105 mm with shaft.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

1101

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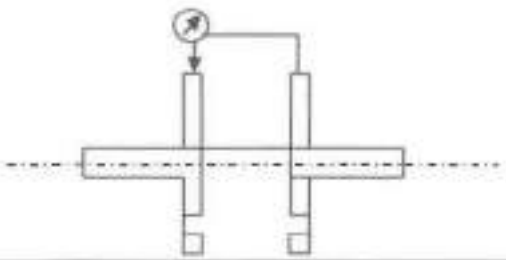
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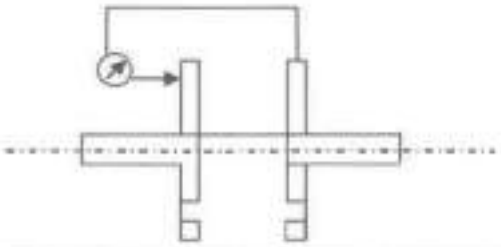
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways	—	—
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked	Checked
7	Check that couplings bolt are secured.	Checked	Checked
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Gear box-1 (Output Shaft) and _____

Coupling Type Rigid Coupling Shrink disc type (BILGH-FK250-320)

Coupling outside dia 550 mm... , Input shaft dia 250 mm ..., Output Shaft dia 250 mm





Concentric Misalignment

0°	0.00mm
90°	+0.05 mm
180°	−0.06 mm
270°	0.50 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap_____mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

1102

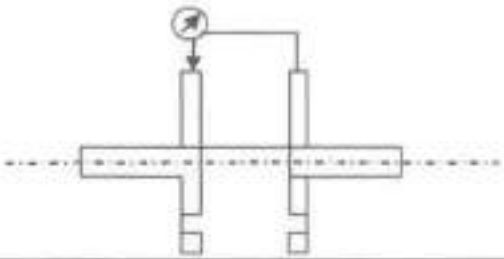
ASSEMBLING SITE : UAIL/SALPL/LOC/C1A HZ DATE : 01/04/2023 TAG NO : GB2-C1A-669-002-HSC2

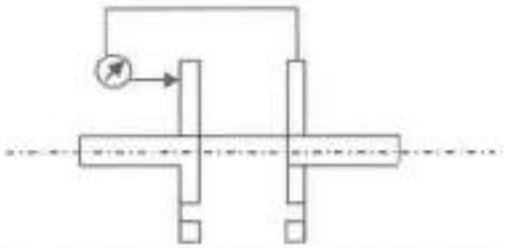
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways	Checked	Checked
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked,
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	-	-
7	Check that couplings bolt are secured.	Checked	Checked
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between GEAR BOX-2 and MOTOR-2

Coupling Type HIGH SPEED COUPLING (GEAR COUPLING ED-2200)

Coupling outside dia 178 mm..., Input shaft dia 90 mm ..., Output Shaft dia 190 mm





Concentric Misalignment

0°	0.00mm
90°	-0.01 mm
180°	-0.01 mm
270°	-0.02 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	6.6 mm
180°	6.6 mm
270°	6.6 mm
360°	6.6 mm

Min or Measured at top coupling gap 6.6 mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

Sanjeet Reddy

CHECKED BY

JB Singh

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

1103

sri aditya logistics

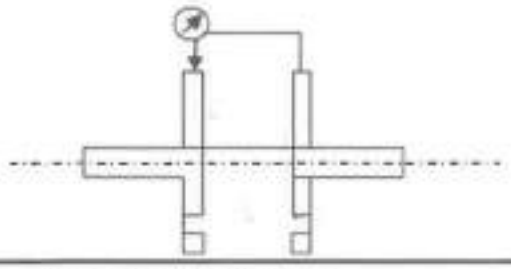
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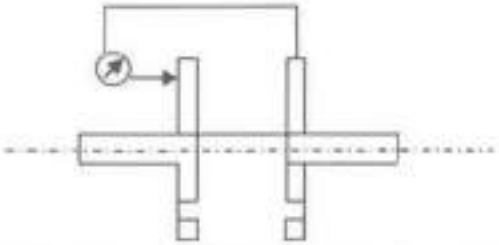
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways	-	-
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked @ 380NM	Checked @ 380 NM
7	Check that couplings bolt are secured.	Checked @ 1180NM	Checked @ 1180NM
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Drive Pulley - 2 and Gear Box - 2

Coupling Type Rigid coupling Shrink disc type (BIKON FK-250-320)

Coupling outside dia 550 mm..., Input shaft dia 320 mm ..., Output Shaft dia 250 mm





Concentric Misalignment

0°	0.00mm
90°	+ 0.15 mm
180°	+0.33 mm
270°	+0.17 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap 6MM (Before alignment) mm. [After alignment gap is 0]

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

1104

sri aditya logistics

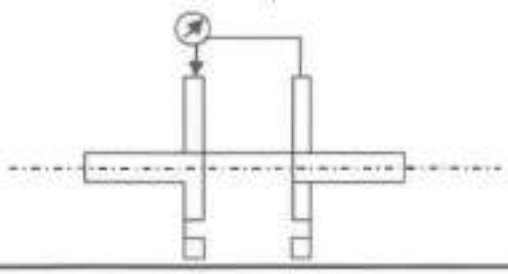
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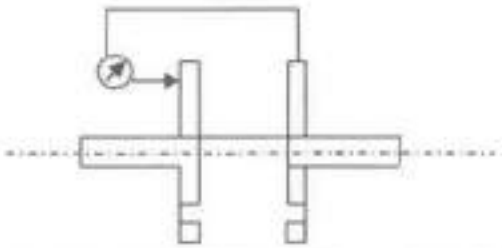
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways	—	—
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked	Checked
7	Check that couplings bolt are secured.	Checked	Checked
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Gear box-2 (Output Shaft) and _____

Coupling Type Rigid coupling shrink disc type (BIKON FK-250-320)

Coupling outside dia 550 mm... , Input shaft dia 250 mm ..., Output Shaft dia 260 mm





Concentric Misalignment

0°	0.00mm
90°	-0.03 mm
180°	+0.04 mm
270°	+0.06 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

. Min or Measured at top coupling gap _____ mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

1105

sri aditya logistics

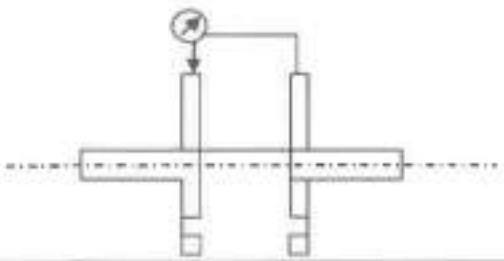
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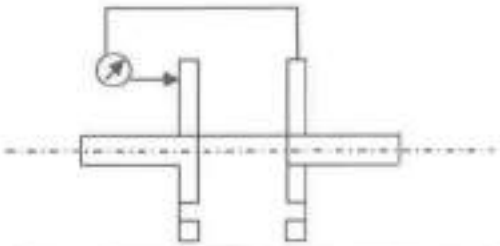
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked	Checked
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked
3	Check that the keys are fitted into keyways		
4	Check that orientation of couplings is correct	Checked	Checked
5	Check for freedom of movement and direction of rotation	Checked	Checked
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked	Checked
7	Check that couplings bolt are secured.	Checked	Checked
8	Dimensions checked as per Vendor data Sheet	Checked	Checked
9	Coupling guard in place and secured	Checked	Checked

Coupling Between Drive pulley-1 (LHS) and _____

Coupling Type Rigid Coupling Shrink disc Type (BILKON FK-250-320)

Coupling outside dia 550 mm... , Input shaft dia 320 mm ..., Output Shaft dia 320 mm





Concentric Misalignment

0°	0.00mm
90°	−0.04 mm
180°	−0.08 mm
270°	−0.11 mm
360°	0.00 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap _____ mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

* Coupling shifting Position 103MM with shaft

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

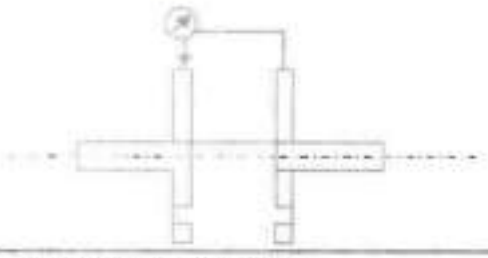
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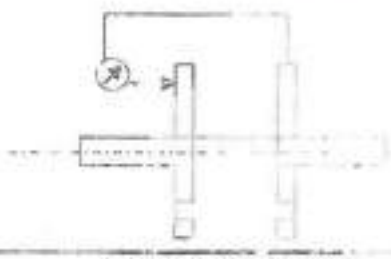
Sl No.	Items To be Inspected	Inspected by	Inspected by
1	Check that seals are installed correctly	Checked.	Checked.
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked.	Checked.
3	Check that the keys are fitted into keyways	Checked.	Checked.
4	Check that orientation of couplings is correct	Checked.	Checked.
5	Check for freedom of movement and direction of rotation	Checked.	Checked.
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked. 380 NM.	Checked. 380 NM.
7	Check that couplings bolt are secured.	Checked 1180 NM.	Checked. 1180 NM.
8	Dimensions checked as per Vendor data Sheet	Checked.	Checked.
9	Coupling guard in place and secured	Checked.	Checked.

Coupling Between: Gear box-3 and Drive pulley-3.

Coupling Type: Shrink disc type rigid flange coupling

Coupling outside dia: 550 mm..., Input shaft dia: 250 mm..., Output Shaft dia: 200.





Concentric Misalignment

0°	0.00mm
90°	+0.05 mm
180°	+0.06 mm
270°	−0.02 mm
360°	0.0 mm

Angular Misalignment

0°	0.0
90°	
180°	
270°	
360°	

Min or Measured at top coupling gap After alignment gap is 0 mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one [illegible] or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be [illegible]

Suvat Kumar Jena

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

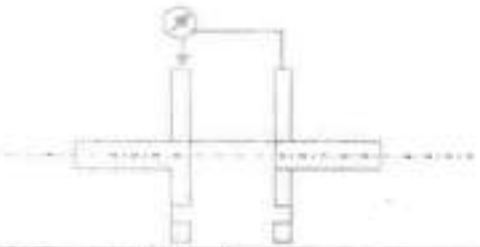
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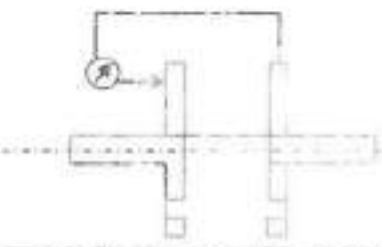
Sl No.	Items To be Inspected	Inspected By	
1	Check that seals are installed correctly	Checked	Checked.
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked.	Checked.
3	Check that the keys are fitted into keyways	Checked.	Checked.
4	Check that orientation of couplings is correct	Checked.	Checked.
5	Check for freedom of movement and direction of rotation	Checked.	Checked.
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	N/R.	N/R.
7	Check that couplings bolt are secured.	Checked	Checked.
8	Dimensions checked as per Vendor data Sheet	Checked	Checked.
9	Coupling guard in place and secured	Checked	Checked.

Coupling Between: Gear box-3 and Motor-3.

Coupling Type: High Speed Coupling (HD-2200).

Coupling outside dia: 178 mm..., Input shaft dia: 90 mm Output Shaft dia: 110





Concentric Misalignment

0°	0.00mm
90°	−0.03 mm
180°	−0.01 mm
270°	−0.02 mm
360°	0.0 mm

Angular Misalignment

0°	0.00mm
90°	6.3 mm
180°	6.3 mm
270°	6.3 mm
360°	6.3 mm

Min or Measured at top coupling gap: After alignment gap is 6.3 mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. [illegible] one of the [illegible] or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be [illegible]

Gurvat Kumar Jha.

CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

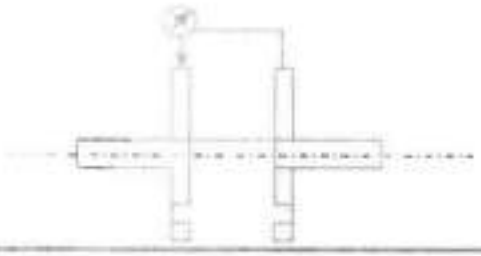
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Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked.	Checked.
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked.	Checked.
3	Check that the keys are fitted into keyways	Checked.	Checked.
4	Check that orientation of couplings is correct	Checked.	Checked.
5	Check for freedom of movement and direction of rotation	Checked.	Checked.
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed	Checked 380 Nm.	Checked 380 Nm.
7	Check that couplings bolt are secured.	Checked 1180 Nm.	Checked 1180 Nm.
8	Dimensions checked as per Vendor data Sheet	Checked.	Checked.
9	Coupling guard in place and secured	Checked.	Checked.

Coupling Between _____ and Drive-2.

Coupling Type Shrink disc type rigid flange coupling.

Coupling outside dia 550 mm... , Input shaft dia 250 mm Output Shaft dia. 200 mm





Concentric Misalignment	
0°	0.00mm
90°	+0.10 mm
180°	+0.12 mm
270°	-0.03 mm
360°	-0.00 mm

Angular Misalignment	
0°	
90°	
180°	
270°	
360°	

Min or Measured at top coupling gap _____ mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one c... or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indica...
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	Inspected By

Debashis Mishra
CHECKED BY

REVIEWED BY

APPROVED BY

COUPLING & ALIGNMENT

sri aditya

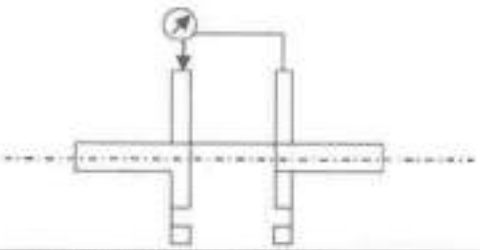
ASSEMBLING SITE : LDC (CIA). DATE : 31/10/2023 TAG NO : GB3-CIA-669-003-LSC3

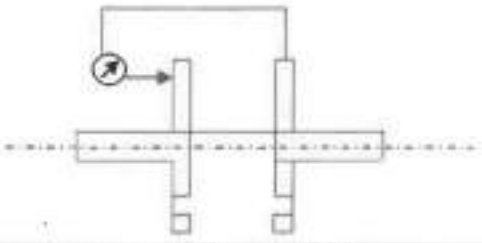
Sl No.	Items To be Inspected	Inspected By	Inspected By
1	Check that seals are installed correctly	Checked.	Checked.
2	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	Checked	Checked.
3	Check that the keys are fitted into keyways	Checked.	Checked.
4	Check that orientation of couplings is correct	Checked.	Checked.
5	Check for freedom of movement and direction of rotation	Checked.	Checked.
6	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	Checked. 380 NM.	Checked. 380 NM.
7	Check that couplings bolt are secured.	Checked.	Checked.
	Dimensions checked as per Vendor data Sheet	Checked.	Checked.
9	Coupling guard in place and secured	NIR.	NIR.

Coupling Between Gear box-3. and _____

Coupling Type Shrink disc type rigid flange coupling (Bikon FK 250.320)

Coupling outside dia 550 mm..., Input shaft dia _____ mm ..., Output Shaft dia 250 mm





Concentric Misalignment

0°	0.00mm
90°	−0.04 mm
180°	−0.07 mm
270°	+0.09 mm
360°	0.0 mm

Angular Misalignment

0°	0.00mm
90°	mm
180°	mm
270°	mm
360°	mm

Min or Measured at top coupling gap _____ mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. fit one of the couplings bolts or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification Instruction attached	Yes	No	RI Number	To be rectified by(Date)

Sourav Ranjan Sahoo.

CHECKED BY REVIEWED BY APPROVED BY

COUPLING & ALIGNMENT

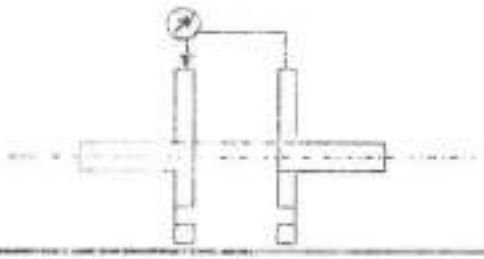
ASSEMBLING SITE : LDC [C1A, HF] DATE : 04/03/2024 TAG NO : GB1-C1A-669-002 HSC-01

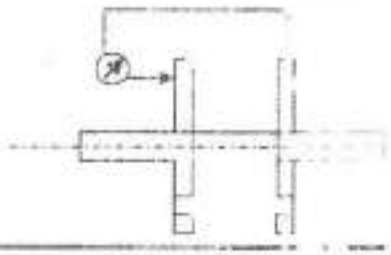
Sl No.	Items To be Inspected	Inspected by	
	Check that seals are installed correctly	checked	checked
	Check correct grade and level or amount of lubricant as specified in the lubrication schedule/vendor information	checked	checked
	Check that the keys are fitted into keyways	checked	checked
	Check that orientation of couplings is correct	checked	checked
	Check for freedom of movement and direction of rotation	checked	checked
	Check torque on taper locking elements (Shrink disc) locating low speed coupling if installed.	—	—
	Check that couplings bolt are secured.	checked	checked
8	Dimensions checked as per Vendor data Sheet	checked	checked
9	Coupling guard in place and secured	checked	checked

Coupling Between Gear box 1 and Motor 01

Coupling Type High speed coupling [Gear Coupling ED-2200]

Coupling outside dia 178 mm... , Input shaft dia 90 mm ..., Output Shaft dia 110





Concentric Misalignment

0°	0.00mm
90°	-0.02 mm
180°	-0.01 mm
270°	-0.01 mm
360°	0.00 mm

Angular Misalignment

0°	
90°	6.2 mm
180°	6.2 mm
270°	6.2
360°	6.2 mm

Min or Measured at top coupling gap 6.2 mm.

1. Coupling halves to be arranged to rotate together to the measurement positions (e.g. at one of the clearance or similar, prevent binding).
2. Record indicator movement as positive when coupling half moves towards the indicator.
3. 0° Position is at top rotation clockwise from driving side.

Rectification instruction attached	Yes	No	RI Number	Rectification

CHECKED BY 05/03/24 REVIEWED BY APPROVED

MINUTES OF MEETING

Visit Date:	06.02.2019-07/02/2019	Day:	Wednesday	MOM NO	MA/RKM/KCN500/EECL/UAIL/2-19/51
		Venue:	UAIL-Mech. Maintenance	Prepared By	Jointly by M/S EECL & M/s UAIL

Sl No	Members Present	Company Name
1	Mr. Gouri Sankar Kesiraju	Utkal Alumina International Ltd
2	Mr.Rabindra Kumar Khara	Utkal Alumina International Ltd
3	Mr. Arun Naik	Utkal Alumina International Ltd
4	Mr. R B Singh	SALPL
5	Mr. Simanchal Naik	SALPL
6	Mr. Raj Kumar Mondal	Elecon Engineering Co. Ltd.

Unit Details:	**1.Type- KCN-500 S/SO** Serial no: WHG 953263 LH –ACW , RATIO: 20:1 , SPEED - 1500 WO. Ref.: HDPJLS-563	
LEGEND:	**M/S Utkal Alumina International Ltd.** –address: Tikiri Doraguda , Rayagada, Odisha.	UAIL
	ELECON ENGINEERING CO LTD.-KOLKATA	EECL

Observation details

Elecon representative Mr Raj Kumar Mondal reached at M/s UAIL –Tikiri plant for assembly of Gear Box Type: KCN-500 against trailing mail reference.

Following are the observation of said gearbox:-

1. Already the gearbox was dismantled by M/S UAIL at works.
2. M/S UAIL has arranged new bearings for input pinion Bearing (31322 =02nos.), 1st intermediate bearing (31324=02nos.), Output shaft bearings (23052=02nos.) and replaced properly.

Action Taken:

1. Checked and found the replaced all bearings fitted properly.
2. Checked all internal spares of gear unit and bearings fitted found ok, no pitting mark observed.
3. After assembly checked backlash, axial play of spiral-bevel and found 0.30mm and 0.01-0.02 respectively ok, then fitted the top cover of gearbox and all flange covers properly fixed with good sealant (loctie-518) .Replaced input and output oil seals and fitted ok.
4. Others check details of gearbox report attached with this MOM for reference.
5. When the gear unit is installed in the system but is out of action, a quantity of oil must be added to exceed maximum level by 30 mm to 50 mm. Wherever grease nipples are provided, add grease through grease nipples.
6. When the unit is to be stored for a long time but it is not installed at site, it should be run for 5 minutes after filling with rust Protective; say HP RUSTOP 388 or ensues oil. The level of the oil should be about 30 mm to 50 mm higher than the normal oil level.

7 Now the gearbox is ready for working satisfactorily. Please check properly gear oil level and grade as well as alignment also before trial run or Put it in working condition for smooth operations.

8 M/S Elecon representative is leaving at site on 07/02/2019

M/S UAIL

M/s SALPL

M/s EECL

OVERHAULING REPORT

Job Order No:185		Tag No/Sr no:WHG953269 RH -CW		
Equipment:GEAR BOX		Type/Model:KCN-500		
Make:Premium	Kw:850	Mounting:		
Rpm:1495	Oil grade:320	Location come from:LDCC1A HEAD END		
Speed Ratio:20:1		Received on	Date:15.07.2018	Total Overhauling time (Hrs.) 30 HRS
Location gone to :			Time: 10.00AM	
Nature of defect/failure reported :OIL LEAKAGE		Completed on	Date: 26.07.2018	
			Time:4.00 pm	
No. of Persons allotted: 4		Delivered on	Date:	

Abnormality/Observation before dismantling :

Observation during dismantling :

Sl.No	Parts Name	Condition	Original Quantity	Replaced Quantity	Remarks
Ge...box/equipment bearing ... seal details:					
1	BEARING-32322X	OK	2	NA	
2	BEARING-22324 E1	OK	2	NA	
3	BEARING-32324	OK	2	NA	
4	BEARING-22334	OK	2	NA	
5	BEARING-23052 E1	OK	2	NA	
6	OIL SEAL-100X140X12	OK	2	NA	
7	OIL SEAL-260X300X...	OK	2	NA	
Other spare parts(Gear wheel, pinion,shaft,circlip etc.):					
1					

Gear box & equipment assembly parameter after overhouling:

Sl.No	Description	Permissible limit	Actual	Remarks
1	BACK LASH INPUT		0.25 MM	
2	BACK LASH STAGE-1		0.23 MM	
3	BACK LASH STAGE-2		0.23 MM	
4	AXIAL PLAY INPUT		0.02 MM	
5	AXIAL PLAY STAGE -1		0.05 MM	
6	AXIAL PLAY STAGE-2		0.15MM	
7	AXIAL PLAY STAGE-3		0.15MM	

Remarks :

Corrective action taken:Gear box dismantling and cleaning all spare parts.Gear box backlash check and adjusted done.

Test run status (If done, then paramrters observed) :Gear box no load trial report

1	Motor ND SIDE				
2	H	V	A	G	
3					
4	Motor DE SIDE				
5	H	V	A	G	

Bharat 26/07/18

Sandip Vaw 26.07.18 Boiral. (SALP2)

KADIC Roy (SALP2)

6					
7	Gear box NDE SIDE				
8	H	V	A	G	
9					
10	Gear box ND SIDE				
11	H	V	A	G	
12					
Preventive action to be taken:					
Signature (M/s. UAIL)			Sinature of elecon service engg.		

OVERHAULING REPORT(BEFORE DISMANTLING)

Job Order No:185		Tag No/Sr no:WHG953269 RH -CW		
Equipment:GEAR BOX		Type/Model:KCN-500		
Make: Elecon	Kw:850	Mounting:foot mounted		
Rpm:1495	Oil grade:320	Location come from:LDC C1A HEAD END		
Speed Ratio:20:1		Received on	Date:15.07.2018	Total Overhauling time (Hrs.)
Location gone to :			Time:10.00 am	
Nature of defect/failure reported :OIL LEAKAGE		Completed on	Date:	
			Time:	
No. of Persons allotted: 4		Delivered on	Date:	

Abnormality/Observation before dismantling :Oil leakage occure between top cover & bottom cover assembly area.

Observation during dismantling :

Sl.No	Parts Name	Condition	Original Quantity	Replaced Quantity	Remarks
Gear box/equipment bearing & oil seal details:					
1	BEARING-32322X	OK	2	NA	
2	BEARING-22324 E1	OK	2	NA	
3	BEARING-32324	OK	2	NA	
4	BEARING-22334	OK	2	NA	
5	BEARING-23052 E1	OK	2	NA	
6	OIL SEAL-100X140X12	OK	2	NA	
7	OIL SEAL-260X300X08	OK	2	NA	
Other spare parts(Gear wheel, pinion,shaft,circlip etc.):					
1					

Gear box & equipment assembly parameter after overhouling:

Sl.No	Description	Permissible limit	Actual	Remarks
1	BACK LASH INPUT		0.28 MM	
2	BACK LASH STAGE-1		0.25 MM	
3	BACK LASH STAGE-2		0.25 MM	
4	AXIAL PLAY INPUT		0.03 MM	
	AXIAL PLAY STAGE -1		0.1 MM	
6	AXIAL PLAY STAGE-2		0.15MM	
7	AXIAL PLAY STAGE-3		0.1MM	

Remarks :

Corrective action taken:

Test run status (If done, then paramrters observed) :Gear box no load trial report

1	Motor ND SIDE				
2	H	V	A	G	
3					
4	Motor DE SIDE				
5	H	V	A	G	

26/07/18 26/07/18 Gopal Roy Sandeep Kr. Bansal. R.B.Singh

OVERHAULING REPORT

Job Order No:185		Tag No/Sr no:WHG953269 RH -CW		
Equipment:GEAR BOX		Type/Model:KCN-500		
Make: Elecon	Kw:850	Mounting:foot mounted		
Rpm:1495	Oil grade:320	Location come from:LDC C1A HEAD END		
Speed Ratio:20:1		Received on	Date:15.07.2018	Total Overhauling time (Hrs.) 30 HRS
Location gone to :			Time:10.00 am	
Nature of defect/failure reported :OIL LEAKAGE		Completed on	Date: 26.07.2018	
			Time:4.00 pm	
No. of Persons allotted: 4		Delivered on	Date:	

Abnormality/Observation before dismantling :Oil leakage occure between top cover & bottom cover assembly area.

Observation during dismantling :

Sl.No	Parts Name	Condition	Original Quantity	Replaced Quantity	Remarks
Gear box/equipment bearing & oil seal details:					
1	BEARING-32322X	OK	2	NA	
2	BEARING-22324 E1	OK	2	NA	
3	BEARING-32324	OK	2	NA	
4	BEARING-22334	OK	2	NA	
5	BEARING-23052 E1	OK	2	NA	
6	OIL SEAL-100X140X12	OK	2	NA	
7	OIL SEAL-260X300X08	OK	2	NA	
Other spare parts(Gear wheel, pinion,shaft,circlip etc.):					
1					

Gear box & equipment assembly parameter after overhouling:

Sl.No	Description	Permissible limit	Actual	Remarks
1	BACK LASH INPUT		0.25 MM	
2	BACK LASH STAGE-1		0.23 MM	
3	BACK LASH STAGE-2		0.23 MM	
4	AXIAL PLAY INPUT		0.02 MM	
5	AXIAL PLAY STAGE -1		0.05 MM	
6	AXIAL PLAY STAGE-2		0.15MM	
7	AXIAL PLAY STAGE-3		0.15MM	

Remarks :

Corrective action taken:Gear box dismantling and cleaning all spare parts.Gear box backlash check and adjusted done.

Test run status (If done, then paramrters observed) :Gear box no load trial report

1	Motor ND SIDE				
2	H	V	A	G	
3					
4	Motor DE SIDE				
5	H	V	A	G	

26/07/18 21/07/18 Kapil Ram Bansal.

MINUTES OF MEETING

Date:	24.06.2018	Day:	SUNDAY	MOM NO	MA/RKM/KCN-500/EECL/UAIL/06-18/32
Time:	18:00	Venue:	UAIL-MECH WORKSHOP	Prepared By	Jointly by M/S EECL & M/s UAIL & M/S SAPL

Sl No	Members Present	Company Name
1	Mr. Rabindra Kumar Khara	Utkal Alumina International Ltd
2	Mr. Gowri Sankar Kesiraju	Utkal Alumina International Ltd
3	Mr. Arun Naik	Utkal Alumina International Ltd
4	Mr. R B Singh	SAPL
5	Mr. Sandip Kumar Baral	SAPL
6	Mr. Raj Kumar Mondal	Elecon Engineering Co. Ltd.

Unit Details:	**1.Type- KCN-500** Serial no: 953228 RH, RATIO: 20:1 **Work order Ref: HBPJLS-583**	
LEGEND:	M/S UTKAL ALUMINA INTERNATIONAL LTD – At: Doraguda, Po: Kucheipadar, Dist: Rayagada, Odisha – 765 015, India.	UAIL
	ELECON ENGINEERING CO LTD.-KOLKATA	EECL

MATTER DISCUSSED

Elecon representative Mr Raj Kumar Mondal reached at M/s UAIL –: plant on 22.06.2018 at evening for assembly of the Gear Box Type: KCN- 500 as reference trailing mail.

Following are the observation of said gearbox:-

1. Already the Gearbox was dismantled by M/s UAIL at works.
2. As discussed, M/s UAIL has arranged new spares that are input pinion (spiral –Bevel), 2nd intermediate Wheel and all the new bearings and oil seals.
3. M/s UAIL had already prepared the fitment of spares that 2nd intermediate pinion with matching wheel found fitted condition and also all bearings has been fitted completed.

Action Taken:

1. Checked and found the replaced all bearings fitted properly.
2. Checked all internal of gear unit and bearings fitted found ok, no pitting mark observed.
3. After assembly checked backlash, axial play of gear and found 0.20 -0.35mm and 0.02 -0.05mm respectively, ok. Then fitted the top cover of gearbox and all flange covers properly fixed with good sealant (Loctite-574).Replaced input and Output oil seals and fitted properly.
4. Now the gearbox is ready for working satisfactorily. Please check properly gear oil grade and level as well as alignment also before trial run or put it working condition for smooth operations.
5. M/s Elecon representative is leaving at site on 24/06/2018 at evening.

M/S UAIL. **M/S SAPL** **M/s EECL**

OVERHAULING REPORT

Job Order No.:179		Tag No/Sr no:WHG 953228/RH		
Equipment type:GEAR BOX		Equipment type/Model:KCN-500		
Speed Ratio:20:1	Kw:850	Location come from:		
Make :ELECON		Received on	Date:10.06.18	Total Overhauling time (Hrs.) 112
Location gone to :			Time:10.00 PM	
Nature of defect/failure reported :		Completed on	Date:24.06.18	
			Time:12.30 pm	
No. of Persons allotted:		Delivered on	Date:	

Abnormality/Observation before dismantling :Abnormal sound.

Observation during dismantling :Input pinion teeth found damage and bearing clerance high as per normal clearance.

Sl No	Parts Name	Condition	Original Quantity	Replaced Quantity	Remarks
GEAR BOX & EQUIPMENT BEARINGS AND OIL SEALS DETAILS :					
1	BEARING-31322	DAMAGE	2	2	REPLACED
2	BEARING-22324	DAMAGE	2	2	REPLACED
3	BEARING-31324	DAMAGE	2	2	REPLACED
4	BEARING-22334	DAMAGE	2	2	REPLACED
5	BEARING-23052	DAMAGE	2	2	REPLACED
6	OIL SEAL-100X140X12	DAMAGE	2	2	REPLACED
7	OIL SEAL-260X300X8	DAMAGE	2	2	REPLACED
OTHERS PARTS(GEAR WHEEL, PINIONS,SHAFT, CIRCLIPS ETC.):					
1	INPUT PINION	DAMAGE	1	1	REPLACED

Gear box & equipment assembly parameters after overhauling :

Sl.No	Description	Permissible limit	Actual	Remarks
1	BACKLASH INPUT		.28 MM	
2	BACKLASH STAGE-1		.35 MM	
3	BACKLASH STAGE-2(OUT PUT)		.2 MM	
4	AXIAL FLOAT INPUT		.05 MM	
5	AXIAL FLOAT STAGE-1		.02 MM	
6	AXIAL FLOAT STAGE-2		.05 MM	
7	AXIAL FLOAT STAGE-3(OUT PUT)		0.05 MM	

Remarks :

Corrective action taken:Gear box dismantling and cleaning all spare parts bearing , oil seal ,input pinion shaft replaced.

Test run status (If done, then paramrters observed) :Gear box no load trial report

1	Motor ND SIDE				
2	H	V	A	G	
3					
4	Motor DE SIDE				

(Mahara) (Anup naik) (Elecon Engineering Raj Kundy Mandal) (Sandeep) (Ram)

5	H	V	A	G	
6					
7	Gear box NDE SIDE				
8	H	V	A	G	
9					
10	Gear box ND SIDE				
11	H	V	A	G	
12					
Preventive action to be taken:					
Signature (M/s. UAIL)			Sinature of elecon service engg.		

ELGI EQUIPMENTS LIMITED

For any service requirement call our Toll Free Number : 1800-425-3544 or write to us at ccs@elgi.com

SERVICE REPORT - ROCD

Report No. :	TL/AKM/0022
Tracking No. & Date :	
Start & Complete Time :	

TRADE LINK
(Engineers & Suppliers)
19, Kharavel Nagar, Unit - III, Bhubaneswar - 751 001, Odisha
Phone : (0674) 2395314 / 2395394

Nature of Complaint Registered :	
Status : ~~Warranty~~ / Out of warranty / AMC / Extended Warranty / O&M Contract	
Company Name & Address : M/S Utkal alumina International ltd. Tikiri, Rayagada	
Contact Person Name & Designation :	
Compressor Model / FAB No. :	SSID LB / DQEE610034
Load / Unload Hrs :	—
Airend Sl. No. :	—
EPSAC - Electric Driven Compressors	**DPSAC - Diesel Driven Compressors**
Load Pressure kg/cm²	Line Pressure kg/cm²
Unload Pressure kg/cm²	Discharge oil Temp (DOT)
Working Pressure kg/cm²	Ambient Temperature
Discharge oil Temp (DOT)	Engine Make : Ashok Leyland / Cummins
Ambient Temperature	Engine Sl. No. :
Motor make : Siemens / Elgi / Weg	Engine Flushing RPM :
Motor Sl. No. :	Engine Idle RPM :
PLC Model & Sl. No. :	Engine Drilling RPM :
Line Voltage (R/Y/B)	Engine water temp (EWT) :
Load Current (R/Y/B)	Engine Oil Temp (EOT) :
Unload Current (R/Y/B)	Engine Oil Pressure (EOP) :
Common for EPSAC / DPSAC :	
Oil used : Air Lube / Air Lube Plus / Air Lube XD / Other	
Last Oil Drain Date & HMR	
Visual Condition of Oil	OK / Not OK
MOF / BOF Condition	OK / Not Ok
Coupling Condition	Good / Not good

1120

Compressor environmental condition	Dusty / Open Loocation
Ventilation	Proper / Improper
Radiator / Cooler assy condition	Normal / Chocked / Punctured
Air Filter Condition	Normal / Chocked / Punctured
Air Oil separator condition	Normal / Chocked / Punctured

Valve Condition

DCV	MPV	BFV	OSV	BDV
Ok / Not Ok	Ok / Not Ok	Ok / Not Ok	Ok / Not Ok	Ok / Not Ok

Work done: AS PER COUSTMER COMPLAINT, I CHECKED THE MACHINE AND FOUND THERE ARE PRESSURE SWITCH ASSY, STARTER ASSY, AND PRESSURE GAUGE ARE DAMAGE, AISO THE FAN BELT IS LIGHT BEND, AS IT IS UNDER TRANSIT DAMAGE. SO, I CHANGED PRESSURE SWITCH ASSY,

Service Engineer Remarks: PRESSURE GAUGE, AND STARTER BY NEW ON FOC BASIS. AISO ADJUST THE FAN BELT, FINALLY I FIT THE MACHINE AND POUR OIL IN CRANCKCASE NOW IT IS READY FOR USE.

Customer Remarks: ~~IT IS~~ THIS DAMAGE IS UNDER TRANSIT.

Parts replaced if any : FOC / Chargeable

FOC No.	Part No.	Description	Qty.

Service Engineer Name & Signature

Ananta Mishra

Customer Name, Signature & Seal :

25/06/18 Now the compressor is physically ok, conformation after trial run.

Customer Feedback on Work Done

☐ Excellent ☐ Satisfied ☐ Average ☐ Not Satisfied

AIR BLASTER INSTALLATION CERTIFICATE

Customer: Utkal Alumina International Ltd.

Ref PO No. 81102948 Dated: 28Feb 2018

Site: Plant End Junction Hopper (LDC)

I have visited UAIL Tikiri site from 25/06/18 to 29/06/18 for supervision of installation of Air Blaster system. Air Blaster have been installed and commissioning successfully at LDC Hopper.

Air blaster operated through PLC system and checked manually and automatically and observed working successfully.

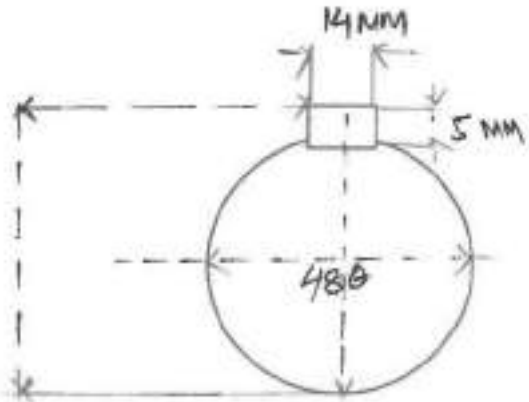
At present of Mr. Dilip Ku Shaoo (UAIL), Mr. R.B.Singh (Aditya Logistic pvt.ltd) and Gopal Das(TIL) air blaster checked. Mr. Aswin Kumar checked and trained the PLC Automatic time setting.

TEGA IND LTD

Sri ADITYA Logistics Pvt.Ltd

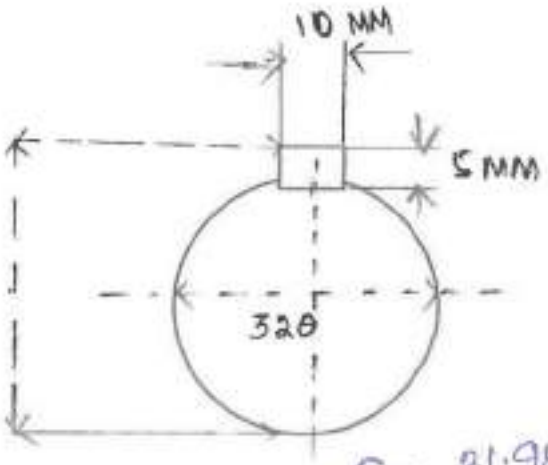
UTKAL ALUMINA INT LTD

COUP PLING BORE DIMENSIONS- COOLING TOWER (TOP)



Θ 47.98 ±02

MOTOR SIDE



Θ- 31.98 ±02

PUMP SIDE

R.B. Singh

LAGGING INSPECTION						
Location:- C1A HEADEND		T1. Bend pulley.			Inspected by SALPL	Inspected by UAIL
Date:-8-5-2018		Type of lagging				
Sr No.		Dimond groove	Ceramic	Plain		
1	Check lagging of pulley.	X	X	✓	OK	OK
2	Check hardness of lagging.	X	X	✓	60	60
3	Check lagging condition .	X	X	✓	OK	OK
4	Check joint portion of lagging.	X	X	✓	OK	OK

Signature by SALPL

Signature by UAIL

Naskar's Delco Mechanical Engg.Pvt.Ltd.
BENARAS ROAD, VILL.DEBIRPARA (1NO.),
P.O.CHAMRAIL, HOWRAH-711114 (W.B.) INDIA
PHONE: 033-64519605, TELE FAX-91-033-26770274
E-mail: delco_drn@yahoo.co.uk / delco1997drn@yahoo.co.in /delco1997drn@gmail.com

INSPECTION REPORT

Client: UTKAL ALUMINA INTERNATIONAL LIMITED, ODISHA — *DT.11.02.2019*

SHAFT FOR DRIVE PULLEY

Order No.91102133 — *Dt.25.10.2018*

SL. NO.	DESCRIPTION / DRG.NO.	QTY.	Dimension	FOUND 1				
01	SHAFT FOR DRIVE PULLEY DRG.NO.NI-01-8961	01 NO.	113+11 = 124	124.5				
			124+637 = 761	761.5				
			1497	1497.5				
			305+11 = 316	316.5				
			2574	2574.5				
			Ø250 -0.046/-0.000	249.96/0.97				
			Ø260 -0.052/-0.000	259.96/0.97				
			Ø280 -0.081/-0.000	279.93/0.94				
			Ø260 +0.000/-0.052	259.96/0.97				
			Tap M30x3.5P	M30x3.5				
			8+8+60 = 76	92				
			Ø42	Ø42				
			8	8.2				
			Ø34	Ø34				
			8	8.2				
			R30	R30				

SPECIAL REMARKS :-

NDMEPL.INSP. — PARTY INSP.

Naskar's Delco Mechanical Engg.Pvt.Ltd.
BENARAS ROAD, VILL.DEBIRPARA (1NO.),
P.O.CHAMRAIL, HOWRAH-711114 (W.B.) INDIA
PHONE: 033-64519685, TELE FAX-91-033-26770274
E-mail: delco_drm@yahoo.co.uk / delco1997drm@yahoo.co.in /delco1997drm@gmail.com

INSPECTION REPORT

Client: UTKAL ALUMINA INTERNATIONAL LIMITED, ODISHA

DT.11.02.2019

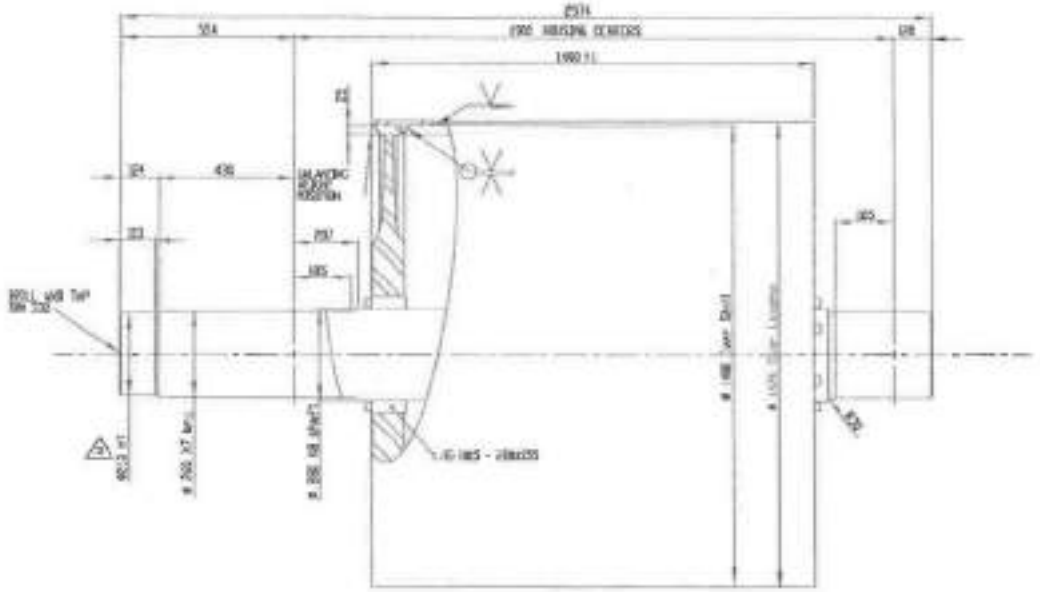
SHAFT FOR DRIVE PULLEY

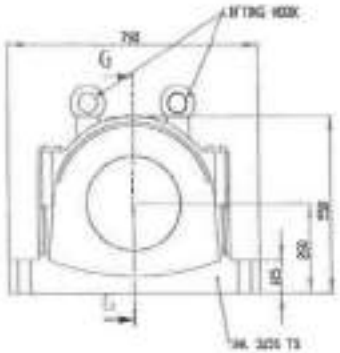
Order No.91102133 Dt.25.10.2018

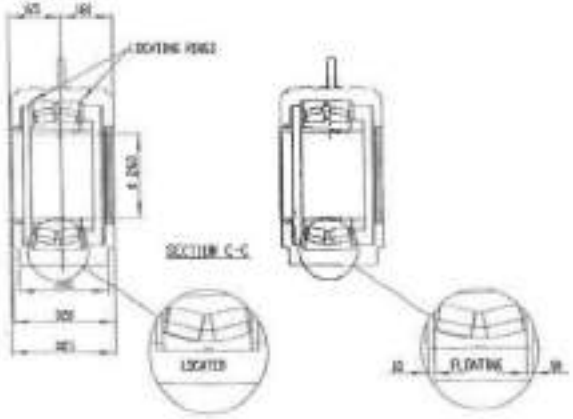
SL. NO.	DESCRIPTION / DRG.NO.	QTY.	Dimension	FOUND										
				1	Dimension	1								
01	SHAFT FOR DRIVE PULLEY	01 NO.	3012	3012.5	320 -0.057 -0.000	319.97 319.98								
	DRG.NO.NI-01-8954		134	134.5	340 -0.057 -0.000	339.97 339.98								
			134+655=789	789.5	360 -0.089 -0.000	359.95 359.94								
			789+213=999	999.5	Ø366	365.00 365.01								
			1007	1007.3	Ø360 -0.089 -0.000	359.95 359.94								
			217	217.2	Ø340 -0.057 -0.000	339.97 339.98								
			789	789.5	Ø320 -0.057 -0.000	319.97 319.98								
			134	134.5										
			22	22.2										
			R30	R30										
			M36x4P	M36x4P										
			10+10+80	100										
			10	10										
			10+10=20	20.5										
			Ø38	Ø38.1										
			Ø46	Ø46.2										
			Chmf 3x45°	3.5x45°										
			R2.5	R2.5										

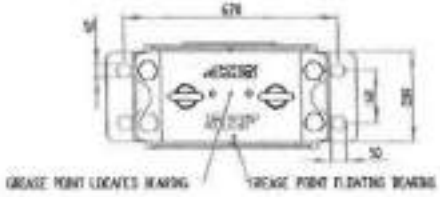
SPECIAL REMARKS :-

NDMEPL INSP. PARTY INSP.









GREASE POINT LOCATES BEARING GREASE POINT FLOATING BEARING

NOTES:
1. Pulley tolerances shall be as per IS 1929.
2. TBI
3. Pulley shall be statically balanced to G2.5/N 1500
4. Pulley type SBL/SD-F-N (With heavy-duty Taper Bush Design)
5. Welding to be as per IS:
6. Grease Point Lithkon Base EP2 or equivalent
7. Unless ordering as IS2062 E350

BATEMAN ENGINEERING (INDIA) PVT. LTD.

EXTERNAL DOCUMENT REVIEW STATUS

Project No:	Sequence No:
A. APPROVED-Submit Final Drawing/Documents, Manufacture may proceed	Authorised Signature:
B. APPROVED SUBJECTED TO COMMENTS LISTED-Submit Final Drawing/Documents, Manufacture may proceed	
C. NOT ACCEPTED-revise and resubmit for approval	Print Name:
D. DRAWING APPROVED AS BUILT PER DOCUMENT-Action Record Only	
LITERATURE FOR INFORMATION	Date
F. FINAL REVISION-RETAINED INCLUDING ELECTRONIC	

This Review and Approval does not relieve Supplier/Sub-Contractor from full compliance with Purchase Order requirements and also the errors in design, detailing or connections, dimensions and sizes in this drawing/document.

Bill of Materials

No	DESCRIPTION		MASS
1	Conveyor Pulley	2	5466 kg
1	Lagging		
	Type: Ceramic		
	Profile: 13mm Multisec Tile		
	Hardness: -		
3	Material		
	Shaft: BS 970 080M40	1	
	Hubs: SABS 1431 300WA	2	
	Shell: SABS 1431 300WA	1	
4	Locking Element		
	Type: 1015	2	
	Size: 280x355		
	Bolt Torque (Nm): 690		
5	Bearings		
	Manufacturer: SKF		
	Qty: 280mm		
	Type: SNL 3156 /S	2	
	Housing: SNL 3156	2	604 kg
	Bearing: 23156 CCK/W33	2	220 kg
	Sleeve: OH 3156 H	2	
	Seal: TS 56	3	
	End Cover: ETS 56	1	
	Locating rings: 2 FRB 10/180	2	
	Final Mass Per Pulley		4190 kg

25407/BATEMAN (LDC)-3502A

DOCUMENT CONTROL
Category No.: F-CS.1.0.V
18 NOV 2011
Doc. No.: C.C.S.
Rev. No.:
MASTER

DOCUMENT CONTROL
18 NOV 2011
MASTER

MINA MINERAL INTERNATIONAL LIMITED

BATEMAN

Dosworth

02-02-0963

25407/BATEMAN (LDC) - 35.66A
27-8-2011

No	DESCRIPTION	QTY	MASS
1	Conveyor Pulley	3	5220 kg
2	Lagging		
	Type: Ceramic		
	Profile: 13mm Multotec Tile		
	Hardness: -		
3	Material		
	Shaft: BS 970 080M40	1	
	Hubs: SABS 1431 300WA	2	
	Shell: SABS 1431 300WA	1	
4	Locking Element		
	Type: 1015	2	
	Size: 360x455		
	Bolt Torque (Nm): 930		
5	Bearings		
	Manufacturer: SKF		
	Dia: 340mm		
	Type: SNL 3172 TS	2	
	Housing: SNL 3172	2	510 kg
	Bearing: 23172 CCK/W33	2	520 kg
	Sleeve: OH 3172 H	2	
	Seal: TS 72	4	
	End Cover: ETS 72	0	
	Final Mass Per Pulley		6850 kg

BATEMAN ENGINEERING (INDIA) PVT. LTD.
EXTERNAL DOCUMENT REVIEW STATUS

Project Nos: Document Nos:

Authorised Signature: G.P.S.K

Date: 28/11/11

25407/BATEMAN (LDC) - 35.02A

This Review and Approval does not relieve S... Sub-Contractor from full compliance with Purchasement CONTROL requirements and also the errors in design data... 27.8.11 ...corrections, dimensions and notes in this drawing/s.

- 8 NOV 2011

Rev. No. C/6
Rep. No. MASTER

SECTION C-C

LOCATED

FLOATING

GREASE POINT LOCATED BEARING

GREASE POINT FLOATING BEARING

NOTE:
1) Pulley fabrication shall be as per IS 8598.
2) TIR
[illegible] before lagging
[illegible] after lagging
3) Pulley shall be statically balanced to ISO1940 (G1)
4) Paint Spec QPL/03 P-16 (White shade no Colour BS Shade)
5) Welding to be ISO 3834
6) Grease Nipple Lincoln Brand DIN or equivalent
7) Grease nipples to IS2506 (Pt1)

BATEMAN ENGINEERING (INDIA) PVT. LTD.
BATEMAN & COMPANY (PTY) LTD.
BATEMAN
Bosworth
M-01-8954

OVERHAULING REPORT

Job Order No.: W/S/G/B/-45	Tag No:WHG953269RH-CW		
Equipment Model:KCN-500 S/S0	Equipment Type: Gear box.		
Location :BH	Received on	Date:15.04.17	Total Overhauling time (Hrs.)
Make: ELECON		Time:	
Nature of defect/failure reported :	Completed on	Date:20.04.17	
		Time:	
No. of Persons allotted: 4	Delivered on	Date:	

Abnormality/Observation before dismantling : For overhouling

Observation during dismantling :

Sl.No	Parts Name	Condition	Original Quantity	Replaced Quantity	Remarks
BEARINGS AND OIL SEALS:					
1	31322 X	OK	1	NA	
2	22324 E1	OK	2	NA	
3	31324	OK	2	NA	
4	22334	OK	2	NA	
5	23052 E1	OK	2	NA	
6	100X140X12	Damage	1	1	Replaced
7	260X300X[illegible]	OK	2	NA	
8	Out put shaft	Damage	1	1	Replaced
OTHERS(GEARS, PINIONS, CIRCLIPS ETC.):					

Equipment assembly parameters after overhauling :

Sl.No	Bearing	Clearance	Actual	Remarks
1	31322 X	.06-.09		
2	22324 E	.06-.09		
3	31324	.06-.068		
4	22324 E1	.06-.068		
5	22334 E1	.10-.15		
6	23052	0.20-.23		

Remarks :

Corrective action taken : Gear box dismantling cleaning ,bearing clearince checking and gear box Out put shaft replaced.

Test run status (If done, then paramrters observed) : Not tested at workshop.

Preventive actions to be taken :

Signature (M/s. UAIL)	Signature (M/s. Hofincons)

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- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-00199 Date:09.11.2023

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	Lachuguda-IJH	Sampled by	VCSPL'S Representative
Sample Description	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182, Part-4
Sample Source	Near IJH	Sample Received on	12.10.2023
Sample Condition	NA		
Sampling Date	11.10.2023	Test Completed on	17.10.2023

SL. No	Date of Sampling	Test Result
		PM10 ($\mu g/m^3$)
1	11.10.2023	84.3
NAAQ Standard		100

Reviewed by

Approved by

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Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-00599 Date:09.12.2023

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	Lachuguda-IJH	Sampled by	VCSPL'S Representative
Sample Description	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182, Part-4
Sample Source	Near IJH	Sample Received on	23.11.2023
Sample Condition	NA		
Sampling Date	22.11.2023	Test Completed on	28.11.2023

SL. No	Date of Sampling	Test Result
		PM10 ($\mu g/m^3$)
1	22.11.2023	81.6
NAAQ Standard		100

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Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-00985 Date:09.01.2024

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	Lachuguda-IJH	Sampled by	VCSPL'S Representative
Sample Description	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182, Part-4
Sample Source	Near IJH	Sample Received on	15.12.2023
Sample Condition	NA		
Sampling Date	14.12.2023	Test Completed on	19.12.2023

SL. No	Date of Sampling	Test Result
		PM10 ($\mu g/m^3$)
1	14.12.2023	85.8
NAAQ Standard		100

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- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-01039 Date:09.02.2024

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	Lachuguda-IJH	Sampled by	VCSPL'S Representative
Sample Description	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182, Part-4
Sample Source	Near IJH	Sample Received on	17.01.2024
Sample Condition	NA		
Sampling Date	16.01.2024	Test Completed on	23.01.2024

SL. No	Date of Sampling	Test Result
		PM10 ($\mu g/m^3$)
1	16.01.2024	82.9
NAAQ Standard		100

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Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-01199 Date:08.03.2024

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	Luchuguda-IJH	Sampled by	VCSPL'S Representative
Sample Description	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182, Part-4
Sample Source	Near IJH	Sample Received on	16.02.2024
Sample Condition	NA		
Sampling Date	15.02.2024	Test Completed on	22.02.2024

SL.No	Date of Sampling	Test Result
		PM10 ($\mu g/m^3$)
1	15.02.2024	81.5
NAAQ Standard		100

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- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-02156 Date:08.04.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Lachuguda-IJH	Sampled by	VCSPL'S Representative
Sample Description	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182, Part-4
Sample Source	Near IJH	Sample Received on	13.03.2024
Sample Condition	NA		
Sampling Date	12.03.2024	Test Completed on	19.03.2024

SL. No	Date of Sampling	Test Result
		PM10 ($\mu g/m^3$)
1	12.03.2024	86.3
NAAQ Standard		100

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- Quality Control & Project Management
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- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-15199 Date:09.05.2024

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	Lachuguda-IJH	Sampled by	VCSPL'S Representative
Sample Description	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182, Part-4
Sample Source	Near IJH	Sample Received on	17.04.2024
Sample Condition	NA		
Sampling Date	16.04.2024	Test Completed on	23.04.2024

SL. No	Date of Sampling	Test Result
		PM10 ($\mu g/m^3$)
1	16.04.2024	84.9
NAAQ Standard		100

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- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-8745 Date:12.10.2023

TEST REPORT

Customer Name & Address : Baphlimali Mines, M/s Utkal Alumina International Ltd, Tikiri, Rayagada, Odisha

SAMPLE DETAILS

Sample Code	N1-N6	Noise Measured By	VCSPL'S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Buffer Zone)	Sample Received on	NA
Sample Condition	NA	Test Completed on	NA

Sl. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{10}	Leq,	Lmax,	Lmin	L_{10}
01	Lachuguda	19.09.2023	52.4	59.5	45.6	57.7	42.8	49.9	36	48.1
Standard as per Noise Rule 2000										
Residential Area			55				45			
Any feature observed during determination		Nil								

Reviewed by

Approved by

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

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- Agricultural Development
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Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-9546 Date: 14.11.2023

TEST REPORT

Customer Name & Address : Baphlimali Mines, M/s Utkal Alumina International Ltd, Tikiri, Rayagada, Odisha

SAMPLE DETAILS

Sample Code	N1-N6	Noise Measured By	VCSPL'S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Buffer Zone)	Sample Received on	NA
Sample Condition	NA	Test Completed on	NA

SL. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{90}	Leq,	Lmax,	Lmin	L_{90}
01	Lachuguda	14.10.2023	53.6	60.7	46.8	58.9	44.1	51.2	37.3	49.4
Standard as per Noise Rule 2000										
Residential Area			55				45			
Any feature observed during determination		Nil								

Reviewed by

Approved by

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

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- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-11769 Date:06.12.2023

TEST REPORT

Customer Name & Address : Baphlimali Mines, M/s Utkal Alumina International Ltd, Tikiri, Rayagada, Odisha

SAMPLE DETAILS

Sample Code	N1-N6	Noise Measured By	VCSPL'S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Buffer Zone)	Sample Received on	NA
Sample Condition	NA	Test Completed on	NA

Sl. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			L_{eq},	L_{max},	L_{min}	L_{90}	L_{eq},	L_{max},	L_{min}	L_{90}
01	Lachuguda	15.11.2023	52.7	59.8	45.9	58	43.1	50.2	36.3	48.4
Standard as per Noise Rule 2000										
Residential Area			55				45			
Any feature observed during determination		Nil								

Reviewed by

Approved by

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(Committed For Better Environment)

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- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR- 12701 Date:08.01.2024

TEST REPORT

Customer Name & Address : Baphlimali Mines, M/s Utkal Alumina International Ltd, Tikiri, Rayagada, Odisha

SAMPLE DETAILS

Sample Code	N1-N6	Noise Mesured By	VCSPL'S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Buffer Zone)	Sample Received on	NA
Sample Condition	NA	Test Completed on	NA

SL. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{90}	Leq,	Lmax,	Lmin	L_{90}
01	Lachuguda	21.12.2023	50.6	57.7	43.8	55.9	42.3	49.4	35.5	47.6
Standard as per Noise Rule 2000										
Residential Area			55				45			
Any feature observed during determination		Nil								

Reviewed by

Approved by

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-15458 Date: 08.02.2024

TEST REPORT

Customer Name & Address : Baphlimali Mines, M/s Utkal Alumina International Ltd, Tikiri, Rayagada, Odisha

SAMPLE DETAILS

Sample Code	N1-N6	Noise Measured By	VCSPL'S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Buffer Zone)	Sample Received on	NA
Sample Condition	NA	Test Completed on	NA

SL. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{90}	Leq,	Lmax,	Lmin	L_{90}
01	Lachuguda	16.01.2024	51.2	58.6	45.4	50.1	42.4	49.8	36.6	41.3
Standard as per Noise Rule 2000										
Residential Area			55				45			
Any feature observed during determination		Nil								

Reviewed by

Approved by

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
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- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-16548 Date:16.03.2024

TEST REPORT

Customer Name & Address : Baphlimali Mines, M/s Utkal Alumina International Ltd, Tikiri, Rayagada, Odisha

SAMPLE DETAILS

Sample Code	N1-N6	Noise Measured By	VCSPL'S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Buffer Zone)	Sample Received on	NA
Sample Condition	NA	Test Completed on	NA

SL. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{90}	Leq,	Lmax,	Lmin	L_{90}
01	Lachuguda	20.02.2024	52.2	59.6	46.4	51.1	41.6	49	35.8	40.5
Standard as per Noise Rule 2000										
Residential Area			55				45			
Any feature observed during determination		Nil								

Reviewed by

Approved by

ANNEXURE R1/17

MVS ACMEI TECH PVT LTD; HYDERABAD-VIBRATION ANALYSIS REPORT

SI.NO	EQUIPMENT NAME	CRITICAL LIMIT	DIRECTION	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	VELOCITY mm/sec-RMS	HEALTH STATUS	OBSERVATION/ANALYSIS	ACTION PLAN/RECOMMENDATIONS.
	IJH-C1 A DRIVE -1			***13.01.24***	***26.01.24***	***05.02.24***	***21.02.24***	***05.03.24***	***24.03.24***	***07.04.24***	***23.04.24***	***05.05.24***	***19.05.24***	***09.06.24***	***24.06.24***	***07.07.24***			
	MOTOR NDE		*H*	*1.9*	*1.7*	*1.6*	*1.4*	*1.9*	*1.9*	*2.2*	*1.9*	*1.6*	*2.1*	*1.9*	*2.6*	*1.7*	**SLIGHT**	* Spectrum analysis indicating dominant frequency of 1xRPM with bearing defects could be seen at Motor Bearings.	*** Inspect the motor bearings for defects.** * Monitor the vibration trend levels.
			'g'	*0.2*	*0.4*	*0.5*	*0.7*	*0.4*	*0.6*	*0.4*	*0.4*	*0.6*	*0.5*	*0.5*	*0.1*	*0.4*			
			V	*1.8*	*3.8*	*2.3*	*1.9*	*2.2*	*2.1*	*2.7*	*2.3*	*2.9*	*2.2*	*1.8*	*2.1*	*2.6*			
			A	*1.4*	*1.7*	*1.4*	*1.7*	*1.6*	*1.1*	*1.6*	*1.5*	*1.6*	*1.6*	*1.6*	*1.8*	*1.6*			
	MOTOR DE		*H*	*1.2*	*1.1*	*0.9*	*1.1*	*1.4*	*1.5*	*1.9*	*1.2*	*1.1*	*1.2*	*1.5*	*2.8*	*1.2*			
			'g'	*0.4*	*0.6*	*0.4*	*0.3*	*0.2*	*0.3*	*0.4*	*0.5*	*0.5*	*0.4*	*0.9*	*0.6*	*1.5*			
			V	*1.8*	*2.2*	*1.9*	*1.7*	*2.4*	*1.8*	*2.1*	*1.4*	*2.1*	*1.6*	*1.4*	*2.0*	*2.6*			
			A	*1.2*	*1.5*	*1.6*	*1.8*	*1.4*	*1.5*	*1.6*	*1.4*	*1.4*	*1.3*	*1.4*	*2.0*	*1.5*			
	GB I/P DE	**Normal <4.5**	*H*	*3.5*	*1.5*	*1.4*	*1.5*	*1.6*	*1.5*	*1.1*	*1.7*	*1.6*	*1.9*	*1.4*	*2.8*	*1.5*	**NORMAL**	* Spectrum analysis indicating dominant frequency of GMF with multiples could be seen at gear box spectrums.	
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
		Slight 4.5 - 7.1	*V*	*2.5*	*2.3*	*1.4*	*1.8*	*1.9*	*2.3*	*2.6*	*1.9*	*2.0*	*1.7*	*2.0*	*2.3*	*2.0*			
			A	*1.0*	*2.2*	*0.9*	*1.8*	*1.5*	*1.0*	*1.7*	*1.3*	*1.5*	*1.3*	*1.6*	*1.7*	*2.0*			
	GB STG-1	**Moderate 7.1-11.2**	*H*	*3.0*	*1.1*	*1.1*	*2.7*	*1.5*	*1.5*	*1.6*	*1.3*	*1.4*	*2.0*	*1.2*	*1.1*	*1.8*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
		Alert >11.2	*V*	*2.7*	*1.3*	*1.1*	*2.5*	*1.4*	*2.5*	*3.0*	*1.5*	*1.2*	*1.8*	*2.4*	*1.3*	*2.0*			
			A	*0.7*	*1.3*	*1.0*	*1.4*	*1.3*	*1.1*	*1.2*	*1.1*	*1.2*	*1.2*	*1.2*	*2.2*	*1.2*			
1	GB STG-2		*H*	*2.1*	*2.3*	*1.7*	*1.0*	*1.0*	*1.6*	*2.1*	*1.0*	*1.4*	*1.7*	*1.1*	*2.5*	*1.0*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
		Normal 'g' < 1.0	*V*	*2.0*	*2.4*	*2.1*	*1.6*	*1.9*	*2.2*	*2.9*	*1.2*	*1.8*	*1.7*	*2.6*	*2.2*	*1.6*			
			A	*1.9*	*1.0*	*0.6*	*0.9*	*1.1*	*1.0*	*1.2*	*1.0*	*1.1*	*1.0*	*1.1*	*0.9*	*1.2*			
	GB STG-3	**Moderate 'g' 1.0 2.0**	*H*	*2.1*	*2.3*	*1.2*	*2.3*	*1.2*	*1.1*	*1.8*	*1.9*	*1.8*	*2.0*	*1.3*	*1.2*	*1.9*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
			V	*3.0*	*2.1*	*1.2*	*2.7*	*1.8*	*2.1*	*2.6*	*2.1*	*2.7*	*2.4*	*2.8*	*1.2*	*1.7*			
		Alert 'g' >2.0	*A*	*1.4*	*1.1*	*0.6*	*0.9*	*0.6*	*0.6*	*0.6*	*0.7*	*0.7*	*0.8*	*0.9*	*1.0*	*0.7*			
	GB O/P DE		*H*	*0.4*	*0.4*	*0.2*	*0.2*	*0.2*	*0.1*	*0.2*	*0.4*	*0.2*	*0.3*	*0.3*	*0.2*	*0.2*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
			V	*0.5*	*0.4*	*0.3*	*0.5*	*0.3*	*0.2*	*0.3*	*0.4*	*0.2*	*0.4*	*0.3*	*0.3*	*0.3*			
			A	*0.1*	*0.1*	*0.1*	*0.1*	*0.2*	*0.1*	*0.1*	*0.2*	*0.1*	*0.3*	*0.2*	*0.1*	*0.1*			
	GB O/P NDE		*H*	*0.3*	*0.5*	*0.3*	*0.3*	*0.2*	*0.2*	*0.4*	*0.3*	*0.2*	*0.4*	*0.2*	*0.3*	*0.3*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
			V	*0.4*	*0.5*	*0.4*	*0.5*	*0.5*	*0.5*	*0.6*	*0.4*	*0.4*	*0.3*	*0.5*	*0.4*	*0.4*			
			A	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.2*	*0.1*	*0.2*	*0.2*	*0.2*	*0.2*	*0.2*	*0.2*			
	PULLEY BRG		*H*	*0.1*	*0.1*	*0.1*	*0.1*	*0.2*	*0.1*	*0.2*	*0.1*	*0.1*	*0.1*	*0.2*	*0.1*	*0.1*	**NORMAL**	* Spectrum analysis indicating dominant frequency of 7.2Hz could be seen at pulley bearing.	
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
			V	*0.4*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.2*	*0.2*	*0.2*	*0.2*	*0.2*	*0.2*	*0.2*			
			A	*0.3*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.2*	*0.1*	*0.1*	*0.2*			
	IJH-C1 A DRIVE -2			***13.01.24***	***26.01.24***	***05.02.24***	***21.02.24***	***05.03.24***	***24.03.24***	***07.04.24***	***23.04.24***	***05.05.24***	***19.05.24***	***09.06.24***	***24.06.24***	***07.07.24***			
	MOTOR NDE		*H*	*2.2*	*2.7*	*2.5*	*2.9*	*2.6*	*2.0*	*2.6*	*2.7*	*2.2*	*2.8*	*2.2*	*1.9*	*2.3*	**SLIGHT**	* Spectrum analysis indicating dominant frequency of 1xRPM with bearing inaccuracies could be seen Motor spectrums.	*** Inspect the motor DE bearing for defects.** * Monitor the vibration for future trend.
			'g'	*0.1*	*0.1*	*0.3*	*0.1*	*0.1*	*0.2*	*0.2*	*0.1*	*0.2*	*0.1*	*0.1*	*0.3*	*0.2*			
			V	*3.1*	*3.2*	*2.6*	*2.6*	*2.7*	*2.4*	*2.7*	*3.5*	*3.1*	*3.9*	*4.0*	*2.8*	*2.3*			
			A	*1.2*	*1.4*	*1.0*	*1.6*	*1.6*	*1.5*	*1.5*	*1.5*	*2.0*	*2.3*	*1.6*	*1.4*	*1.3*			
	MOTOR DE		*H*	*2.6*	*1.9*	*1.8*	*1.8*	*1.7*	*1.6*	*1.9*	*2.0*	*1.7*	*2.1*	*1.8*	*1.3*	*1.9*			
			'g'	***0.5***	***0.8***	***0.7***	***0.7***	***0.6***	***0.7***	***0.5***	***0.6***	***0.4***	***0.6***	***0.7***	***0.7***	***0.8***			
			V	*2.0*	*2.6*	*2.2*	*2.3*	*1.5*	*2.6*	*3.1*	*1.7*	*2.1*	*2.7*	*1.9*	*2.2*	*2.5*			
			A	*1.7*	*1.6*	*1.4*	*1.7*	*1.8*	*1.8*	*2.2*	*1.5*	*1.8*	*2.1*	*1.8*	*1.3*	*1.5*			
	GB I/P DE	**Normal <4.5**	*H*	*3.3*	*3.1*	*2.5*	*2.7*	*2.4*	*2.1*	*2.4*	*2.8*	*2.4*	*2.9*	*2.4*	*1.3*	*2.4*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
		Slight 4.5 - 7.1	*V*	*1.9*	*2.1*	*1.5*	*2.0*	*2.2*	*2.5*	*2.3*	*2.1*	*2.2*	*2.1*	*2.4*	*2.2*	*2.0*			
			A	*1.7*	*2.4*	*1.4*	*2.7*	*2.9*	*2.9*	*3.3*	*2.6*	*2.8*	*3.2*	*3.2*	*1.1*	*1.9*			
	GB STG-1	**Moderate 7.1-11.2**	*H*	*2.6*	*1.8*	*2.0*	*3.1*	*2.8*	*2.4*	*3.5*	*3.5*	*3.1*	*3.8*	*3.0*	*1.1*	*2.7*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
		Alert >11.2	*V*	*3.0*	*2.2*	*2.3*	*2.3*	*2.5*	*2.3*	*2.5*	*3.0*	*2.2*	*2.5*	*2.2*	*1.2*	*1.7*			
			A	*2.7*	*2.4*	*1.2*	*1.8*	*2.7*	*1.9*	*1.5*	*1.8*	*2.0*	*1.9*	*1.5*	*1.1*	*1.7*			
2	GB STG-2		*H*	*2.4*	*2.6*	*2.3*	*2.5*	*2.8*	*2.1*	*2.5*	*3.1*	*3.2*	*3.5*	*3.2*	*1.1*	*2.7*			
			'g'	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*	*0.1*			
		Normal 'g' < 1.0	*V*	*3.2*	*1.9*	*2.6*	*3.4*	*2.0*	*2.3*	*1.4*	*3.2*	*2.2*	*2.4*	*1.9*	*1.8*	*1.8*			

			A	1.5	1.4	0.9	1.3	1.4	1.3	1.3	1.8	1.3	2.0	1.5	0.9	1.7	NORMAL	* Spectrum analysis indicating dominant frequency of GMF could be seen at gear box spectrums.	
	GB STG-3	Moderate 'g' 1.0 - 2.0	H	2.2	2.2	2.1	2.7	2.4	2.6	3.2	3.3	2.4	2.8	2.8	1.0	2.2			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	2.3	2.8	2.6	2.8	2.8	1.9	2.1	2.4	3.9	2.7	2.8	1.3	3.0			
		Alert 'g' >2.0	A	2.2	1.5	0.7	1.0	1.0	1.0	1.1	1.7	1.2	1.3	1.2	0.8	1.0			
	GB O/P DE		H	0.3	0.4	0.3	0.2	0.2	0.4	0.2	0.3	0.4	0.3	0.3	0.2	0.2			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.5	0.8	0.4	0.6	0.4	0.4	0.6	0.7	0.3	0.5	0.6	0.3	0.4			
			A	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.1			
	GB O/P NDE		H	0.3	0.2	0.3	0.5	0.2	0.2	0.3	0.2	0.2	0.5	0.5	0.2	0.3			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.5	0.6	0.5	0.6	0.7	0.8	0.6	1.0	0.8	0.8	0.7	0.4	0.5			
			A	0.3	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.2	0.2	0.1			
	PULLEY BRG		H	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	NORMAL	* Spectrum analysis indicating dominant frequency 24.72Hz could be seen at pulley bearing.	
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.1	0.1	0.2	0.2	0.2	0.1	0.3	0.2	0.2	0.2	0.1	0.2	0.2			
			A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1			
	IJH-C1 A DRIVE -3			**16.01.24**	**26.01.24**	**05.02.24**	**21.02.24**	**05.03.24**	**24.03.24**	**07.04.24**	**23.04.24**	**05.05.24**	**19.05.24**	**09.06.24**	**24.06.24**	**07.07.24**			
	MOTOR NDE		H	4.3	4.6	1.6	2.1	1.9	2.9	2.5	2.6	2.2	1.5	2.4	2.3	3.4	SLIGHT	* Spectrum analysis indicating dominant frequency of 1xrpm with bearing inaccuracies could be seen at Motor spectrums.	
			'g'	0.5	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.5	0.5	0.3	0.4			
			V	2.9	2.6	1.9	2.2	1.9	1.3	1.4	1.8	1.9	2.0	1.8	1.6	1.5			
			A	2.6	2.5	1.5	1.4	1.3	1.0	1.5	1.7	2.3	1.4	2.1	1.7	1.3			
	MOTOR DE		H	3.0	3.6	1.3	1.2	1.9	1.7	1.8	1.6	1.4	1.2	1.7	1.5	2.2			
			'g'	0.5	0.5	0.3	0.4	0.3	0.3	0.3	0.5	0.3	0.4	0.5	0.4	0.5			
			V	1.3	1.6	1.5	0.9	0.9	0.8	1.0	1.0	1.2	1.4	1.4	1.3	1.4			
			A	1.9	3.2	1.1	1.2	1.2	1.2	1.8	1.5	1.5	1.4	1.9	1.6	1.6			
	GB I/P DE	Normal <4.5	H	2.8	3.0	1.5	1.8	1.9	1.9	2.3	2.0	2.1	2.0	2.1	1.3	2.9	NORMAL	* Spectrum analysis indicating dominant frequency of GMF with its multiples could be seen at gearbox bearings.	
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1			
		Slight 4.5 - 7.1	V	2.2	2.9	2.1	2.4	2.6	1.8	2.0	2.0	2.7	2.2	2.3	1.5	2.2			
			A	2.5	3.0	1.8	2.4	1.4	2.0	1.9	1.2	1.4	1.8	2.2	1.4	2.4			
	GB STG-1	Moderate 7.1- 11.2	H	1.7	2.3	1.0	1.3	1.3	1.5	1.7	1.3	1.6	1.8	2.4	2.1	1.4			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1			
		Alert >11.2	V	2.7	2.9	1.7	2.2	2.4	2.2	3.0	2.0	2.5	2.6	2.6	1.5	1.8			
			A	3.8	3.1	1.3	1.7	1.6	1.4	2.2	1.6	1.5	1.3	1.6	1.5	2.1			
3	GB STG-2		H	2.2	2.6	1.2	1.5	1.6	1.2	1.3	1.7	2.6	1.5	1.9	1.3	2.6			*** Lubricate the motor bearings.** * Closely monitor the vibration trend levels.
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2			
		Normal 'g' < 1.0	V	1.8	2.5	2.3	2.6	2.1	2.6	2.6	2.0	2.5	2.2	2.6	1.4	1.9			
			A	1.5	1.6	1.1	1.3	1.5	1.3	1.4	1.4	1.4	1.4	1.5	1.2	1.4			
	GB STG-3	Moderate 'g' 1.0 - 2.0	H	2.0	2.8	1.1	1.5	1.7	1.1	2.9	1.7	1.7	1.4	2.1	0.9	1.5			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	2.2	2.3	2.0	2.8	2.7	2.9	3.5	2.2	2.0	2.0	2.4	1.0	2.5			
		Alert 'g' >2.0	A	1.2	1.6	1.1	1.3	1.0	1.0	1.2	1.2	1.3	1.2	1.2	1.2	1.2			
	GB O/P DE		H	0.3	0.3	0.1	0.1	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.4			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.2	0.4	0.5	0.2	0.3			
			A	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2			
	GB O/P NDE		H	0.3	0.6	0.2	0.1	0.3	0.2	0.4	0.2	0.3	0.3	0.3	0.2	0.5			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.4	0.6	0.6	0.5	0.7	0.7	0.7	0.4	0.5	0.6	0.6	0.3	0.7			
			A	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2			
	PULLEY BRG		H	0.1	0.3	0.1	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.1	0.1	NORMAL	* Spectrum analysis indicating dominant frequency 6.8Hz could be seen at pulley bearing.	
			'g'	0.1	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2			
			A	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1			
	IJH-C1 A DRIVE -4			**13.01.24**	**26.01.24**	**05.02.24**	**21.02.24**	**05.03.24**	**24.03.24**	**07.04.24**	**23.04.24**	**05.05.24**	**19.05.24**	**09.06.24**	**24.06.24**	**07.07.24**			
	MOTOR NDE		H	3.9	2.9	3.0	2.7	3.5	3.2	2.9	3.2	2.6	1.9	1.8	2.5	2.5	NORMAL	* Spectrum analysis indicating dominant frequency of 1X RPM and 1xrpm of cooling fan motor could be seen at Motor spectrums.	
			'g'	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2			
			V	3.4	2.5	3.4	2.9	2.3	2.8	2.6	3.3	2.7	2.0	2.7	2.0	2.3			
			A	1.7	2.1	1.4	1.7	2.2	1.8	1.8	1.5	1.5	1.1	1.2	1.2	1.2			
			H	1.9	2.3	1.9	2.4	2.5	2.0	2.3	2.3	1.9	1.4	1.0	1.7	1.4			

	MOTOR DE		'g'	0.2	0.6	0.2	0.5	0.3	0.3	0.7	0.3	0.2	0.2	0.4	0.5	0.5		spectrums.	
		Normal <4.5	V	2.0	1.9	1.4	1.3	0.8	1.2	2.2	1.0	1.2	1.7	1.4	1.2	1.4			
			A	1.7	2.3	1.6	1.6	1.8	1.8	2.5	1.7	1.3	1.2	1.2	1.1	1.2			
	GB I/P DE		H	3.5	2.9	2.1	2.3	2.6	2.6	3.0	2.7	2.6	2.3	2.8	1.7	2.0			
		Slight 4.5 - 7.1	'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	1.7	1.6	1.9	1.6	1.5	1.6	1.6	1.6	1.4	1.3	1.7	1.8	1.7			
		Moderate 7.1-11.2	A	2.1	2.3	1.7	2.4	2.1	2.2	1.5	1.9	1.7	1.6	2.0	1.7	1.0			
	GB STG-1		H	3.8	2.2	2.1	2.6	2.4	1.6	2.9	3.0	2.4	2.4	2.2	1.2	1.6			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
		Alert >11.2	V	2.6	1.8	1.8	1.5	1.5	1.4	2.8	1.6	2.1	1.6	2.1	1.1	1.9			
			A	2.8	1.9	1.3	1.5	1.9	2.4	1.9	1.8	1.8	1.4	1.6	1.6	1.2			
4	GB STG-2		H	2.7	2.8	1.7	2.7	2.5	1.4	2.7	1.6	1.4	2.3	2.4	1.4	1.6			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
		Normal 'g' < 1.0	V	2.6	2.6	2.2	1.7	1.7	1.7	1.5	1.2	1.3	1.2	1.9	1.8	1.4			
			A	2.2	1.7	2.9	2.9	1.8	1.5	2.0	2.0	1.7	1.5	2.0	2.7	1.5			
	GB STG-3	Moderate 'g' 1.0 2.0	H	2.1	2.3	2.5	1.7	2.2	1.6	2.0	1.3	2.7	1.8	2.5	1.1	1.4			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	3.4	1.9	2.0	2.2	1.6	1.8	2.9	2.7	1.3	2.6	2.7	1.2	2.1			
		Alert 'g' >2.0	A	1.7	2.0	2.5	2.5	2.3	2.1	2.8	2.7	2.1	2.5	2.7	1.4	2.4			
	GB O/P DE		H	0.5	0.3	0.2	0.2	0.4	0.2	0.4	0.2	0.3	0.3	0.3	0.2	0.2			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.5	0.1	0.3	0.3	0.3	0.4	0.5	0.5	0.4	0.4	0.3	0.3	0.4			
			A	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1			
	GB O/P NDE		H	0.2	0.3	0.3	0.2	0.4	0.6	0.4	0.6	0.6	0.4	0.4	0.2	0.2			
			'g'	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.4	0.7	0.3	0.5	0.3	0.5	0.5	0.5	0.4	0.5	0.6	0.4	0.4			
			A	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.2			
	PULLEY BRG		H	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.1	0.1			
			'g'	0.1	0.4	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
			V	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2			
			A	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			

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Utkal Alumina International Limited
Damanjodi, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 280340 ,Fax:-06865 287100.
Email:- utkalalumina@adityabirla.com, Website:- www.hindalco.com
Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/540, Fax:- 0674 2360321

Annexure R1/8

PURCHASE ORDER (Domestic)

Vendor Code	: 1801821		
Vender	: K.RAMANA RAO	PO. Number	: 13692318270
Site	: 53-RAYAGADA	Creation Date	: 10-APR-2024
Address	: SASTRI NAGAR,RAYAGADA	Amendment No.	:
	RAYAGADA-765001	Amendment Date	:
	RAYAGADA , ODISHA , India - 765001	Currency	: INR
GSTIN No.	: 21AHLPK6483A1ZC	Our Contact	: RAMESH TRIYA
Email	:	Email	: ramesh.triya-t@adityabirla.com
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Construction of RCC approach road at UH area (Laegth 140 Mtr * 3.5m width).

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	72x5190500067		CU MTR	420.756	6100.00
	PROVIDE/ CONCRETE WORK; TYPE: PLAIN CEMENT CONCRETE; SCOPE: PROVIDING AND LAYING IN POSITION CEMENT CONCRETE OF SPECIFIED GRADE EXCLUDING THE COST OF CENTERING AND SHUTTERING - ALL WORK UP TO PLINTH LEVEL (1:2:4 (1 CEMENT: 2 COARSE SAND: 4 GRADED STONE AGGREGATE 20 MM NOMINAL SIZE) ALL MATERIALS, EQUIPMENTS AND TOOLS SHALL BE IN CONTRACTORS SCOPE, HOWEVER SPECIAL TOOLS SUCH AS CRANE, SCAFFOLDING, WILL BE PROVIDED BY HIL, RATES ARE INCLUSIVE OF CONTRACTOR PROFIT, TOOLS, OVERHEADS, SAFETY PPES AND STATUTORY REQUIREMENTS, GRADE: M25, DETAIL: POSITION CEMENT CONCRETE, TRANSPORTATION ARRANGEMENT: SUPPLIER, TOOLS PROVIDED BY: SUPPLIER, MATERIAL PROVIDED BY: SUPPLIER				

Shipment Date 1	25-MAY-2024		
Description	%/Amount	Rate	Amount
Basic Value			25,66,575.00
CGST_INV_UTK_9	%	9.00	2,30,991.75
SGST_INV_UTK_9	%	9.00	2,30,991.75
		Item Total Value :	30,28,558.50

2	72140180020	995429	SQ MTR	1870.180	37.91
	MAINTAIN: ROAD; TYPE: APPROACH ROAD; SCOPE: PREPRATION OF SUBGRADE BY EXCAVATION EARTH TO AN AVEARAGE DEPTH: 22.5 CM, DRESSING TO CAMBER, CONSOLIDATION WITH POWER ROAD ROLLER INCLUDING MAKING GOOD UNDULATION ETC & DISPOSAL OF SURPLUS EARTH LEAD TO 50 MTR, CARRIAGE WAY WIDTH: 4 TO 5 MTR, SHOULDER WIDTH: 1.2 TO 1.8 MTR, WALKWAY WIDTH: 1 MTR, EQUIPMENT PROVIDED BY: SUPPLIER				

Shipment Date 1	25-MAY-2024		
Description	%/Amount	Rate	Amount
Basic Value			70,891.70
CGST_INV_UTK_9	%	9.00	6,380.25
SGST_INV_UTK_9	%	9.00	6,380.25
		Item Total Value :	83,652.21

Validity unknown
Digitally signed by SANJIVA MISHRA
Date: 2024-04-11 04:12:14 IST
Reason: PO

Damgada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287080 ,Fax:-06865 287100,
Email:- ahal.alumina@adityabirla.com, Website:- www.hindalco.com

S.No	Item Code/Desc	HSN/SAC Code	UOM	Ship Qty	Unit Rate
3	72141010004		CU MTR	260.500	2400.00

CONSTRUCT: ROAD, TYPE: SUB- BASE, SCOPE: LAYING GRANULAR SUB-BASE CONSISTING OF SAND, MOORUM, CRUSHED STONE AND GRAVEL MIXED IN PROPORTIONS FOR SUB GRADE TO A COMPACTED THICKNESS OF 200 MM LAID IN SINGLE LAYER USING GOOD QUALITY GRADED MATERIALS FROM APPROVED SOURCE AND MIXED IN THE SPECIFIED PROPORTION INCLUDING COST AND CONVEYANCE OF ALL MATERIALS, STACKING AND MIXING IN THE SPECIFIED PROPORTION, SPREADING AFTER MIXING TO REQUIRED CAMBER, LEVELING, WATERING WITH ALL LEADS TO OBTAIN MOISTURE LEVELS OF MIX BETWEEN 1 PCT ABOVE AND 2 PCT BELOW THE OPTIMUM MOISTURE CONTENT AT THE TIME OF COMPACTION AND COMPACTION EACH LAYER WITH 8-10 TON VIBRATORY POWER ROLLER TO OBTAIN THE REQUIRED PROCTOR DENSITY INCLUDING ALL LABOUR, CHARGES FOR ALL TOOLS AND PLANTS EMPLOYED AND ALL THEIR INCIDENTAL CHARGES ETC, ALL COMPLETE AS PER IRC (INDIAN ROAD CONGRESS) AND MORTH (MINISTRY OF ROAD TRANSPORT AND HIGHWAYS) SPECIFICATIONS AND AS DIRECTED, CARRIAGE WAY WIDTH: 3 MTR, SHOULDER WIDTH: 1.2 MTR, WALKWAY WIDTH: 1 MTR, TRANSPORTATION ARRANGEMENT: SUPPLIER, TOOLS PROVIDED BY: SUPPLIER, MATERIAL PROVIDED BY: SUPPLIER

Shipment Data 1 — 25-MAY-2024

Description	%/Amount	Rate	Amount
Basic Value			6,75,200.80
CGST_INV_UTK_9	%	9.00	60,588.09
SGST_INV_UTK_9	%	9.00	60,588.09
		Item Total Value :	7,94,376.00

4	72151990168		SQ MTR	395.930	190.00

PROVIDE: CONCRETE WORK; TYPE: FORMWORK; SCOPE: PROVIDING OF STRONG, RIGID, LEVELLED, AND PLUMBED FARMWORK FORSHUTTERING OF ALL TYPES OF WORK TO REQUIRED SHAPE AND SIZE, WITH WOODEN/ PLY OR STEEL CENTERING MATERIAL, ALL NECESSARY BRACING, TIES AND SUPPORTS ALONG WITH BITUMINOUS PAPER AND PROVISIONS FOR NECESSARY HOLES AND POCKETS FOR ELECTRICAL CONDUITS, PIPES, PH PIPES, FOR HOOKS OR BOX, SWITCH AND BOARD INSERT PLATE, CLAMP AND EXTENSION BARS ETC, INCLUDING DISMANTLING THE SAME AFTER THE REQUIRED INTERVALS FROM THE DATE OF CASTING WITH COST OF ALL MATERIALS, LABOUR, CONVEYANCE, LOADING AND UNLOADING, SCAFFOLDING, SUNDRIES, TOOLS AND PLANTS, ETC, COMPLETE AS PER THE DIRECTION OF THE ENGINEER-IN-CHARGE AS FOR FOUNDATION UPTO PLINTH LEVEL, GRADE: STANDARD, TOOLS PROVIDED BY: SUPPLIER, MATERIAL PROVIDED BY: SUPPLIER

Shipment Data 1 — 25-MAY-2024

Description	%/Amount	Rate	Amount
Basic Value			63,826.70
CGST_INV_UTK_9	%	9.00	5,744.40
SGST_INV_UTK_9	%	9.00	5,744.40
		Item Total Value :	75,315.51

Validity unknown

Digitally signed by SHUSHIL PRAKASH GUPTA
Date: 2024-05-[illegible] 12:14 IST
Reason: PO [illegible]

ADITYA BIRLA

Durgada, Post:- Kuchinda, PIN:- 765015, Dist:- Boragada, State:- Odisha, Country:- India, Tel:- 06665 287040 Fax:-06665 287100,
Email:- alkal.alumina@adityabirla.com, Website:- www.hindalco.com

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
5	721415110065		CUMTR	340.000	150.00

EXCAVATE: EARTH; GROUND/SOIL TYPE: BROUGHT GOOD SOIL, METHOD: FILLING AND COMPACTION BY ROLLER, SCOPE: EARTHWORK IN FILLING WITH SUPPLY OF GOOD EARTH, CUTTING AND TRANSPORTING THE EARTH FROM APPROVED BORROW AREAS, OUTSIDE PLANT PREMISES, FOR FILLING IN THE SHOWN SPECIFIED AREA TO THE REQUIRED GRADE LEVEL, INCLUDING NECCESSARY SURVEY WORK WITH ALL LEADS AND LIFTS AND SPREADING THE SAME IN LAYERS NOT EXCEEDING 250MM, WATERING AND MECHANICALLY COMPACTING THE SAME WITH 8-10 TONNES VIBRO ROLLER WITH NUMBER OF PASSESS REQUIRED TO ACHIEVE A FDD OF 95% OF MDD, PRIOR TESTING OF THE EARTH IN APPROVED LAB, PRIOR TO THE STARTING OF THE WORK AS PER THE DIRECTION OF THE EIC. THE COST SHALL INCLUDE ALL TOOLS, TACKLES, MACHINERIES AND MANPOWER NEEDED TO ACHIEVE THE WORK IN THE SPECIFIED TIME. THE COST SHALL ALSO INCLUDE ALL TAXES, ROYALTIES ETC INCLUDING STATUTORY COMPLIANCES. THE CONTRACTOR HAS TO TEST THE COMPACTED EARTH AS DIRECTED BY EIC WITH CORE CUTTER METHOD OR SAND REPLACEMENT METHOD. THE DECISION OF EIC SHALL BE BINDING AND FINAL. COST INCLUDES EVERYTHING UNLESS AND OTHER WISE SPECIFICALLY MENTIONED IN THE CONTRACT., DEPTH: 250 MM, TOOLS/EQUIPMENT PROVIDED BY: SUPPLIER

Shipment Date 1	25-MAY-2024		
Description	% Amount	Rate	Amount
Basic Value			51,000.00
CGST_INV_UTK_9	%	9.00	4,590.00
SGST_INV_UTK_9	%	9.00	4,590.00
		Item Total Value :	60,180.00

6	721519930164	METRIC TON	2.734	72000.00

PROVIDE: CONCRETE WORK; TYPE: REINFORCEMENT/BAR BINDING; SCOPE: PROVIDING, CUTTING , BENDING, BINDING AND PLACING IN POSITION HYSD BARS (FE-450) FOR REINFORCED CEMENT CONCRETE WORK INCLUDING DISTRIBUTION BARS, STIRRUPS, BINDERS ETC, WITH INITIAL STRAIGHTENING, REMOVAL OF LOOSE RUST (IF NECESSARY CUTTING TO REQUISITE LENGTH, HOOKING, BENDING AND BINDING TO CORRECT SHAPE PLACING IN PROPER POSITION AND BINDING WITH 20 GAUGE BLACK ANNEALED WIRE AT EVERY INTERSECTION COMPLETE AS PER DRAWING AND DIRECTION (PAYMENT TO BE MADE ON ACTUAL QUANTITIES OF REINFORCEMENT USED IN THE WORK AS PER DRAWING AND DIRECTION, WEIGHT CALCULATED AS PER STANDARD TABLES WITH THREE PLACES OF DECIMAL AND NOTHING EXTRA WILL BE PAID, WASTAGE, ROLLING MARGIN WEIGHT OF BINDING WIRE AND ITS COST SHOULD BE INCLUDED IN THE RATE OF REINFORCEMENT), AS PER IS-1978, GRADE: STANDARD, TOOLS PROVIDED BY: SUPPLIER, MATERIAL PROVIDED BY: SUPPLIER

Shipment Date 1	25-MAY-2024		
Description	% Amount	Rate	Amount
Basic Value			1,99,582.00
CGST_INV_UTK_9	%	9.00	17,962.38
SGST_INV_UTK_9	%	9.00	17,962.38
		Item Total Value :	2,35,506.76
		Total Purchase Order Value :	42,77,588.97

Value in Words (INR) : (Forty Two Lakh Seventy Seven Thousand Five Hundred Eighty Eight And Paise Ninety Seven Only)

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Date: 2024-05-[illegible]12:16 IST
Reason: PO [illegible]

Doraguda, Post:- Kuchaipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Other Terms and Conditions :

Payment Terms	: 90% payment of the RA bills to be released within 30 days from the date of invoice and balance 10% payment to be made after the completion of the Defect Liability Period of 12 months from the Date of Completion
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to the specified & General Terms and Conditions including Utkal Supplier's Code of Conduct

Utkal Alumina International Limited

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Date: 2024-05-31 GMT+2:14 IST
Reason: PO Release

Shashi Prakash Gupta
Assistant General Manager

This is a digitally signed document.

PO No : 1369231827 PO Date : 10-APR-2024

Annexure - 1 Specific T&C :

1. RESPONSIBILITY OF COMPLETENESS:
1.1. Any scope of work which is not specifically mentioned in the order, but required for the completion of the works, shall be supplied/ rendered free of cost to us, unless expressly excluded in the order.
1.2. Any approval by us at any stage for any work by you shall not relieve you of your obligations under this Order.
1.3. You shall execute the work under the instruction of EIC UAIL.

2. PRICE VARIATION: The Order Value, terms & conditions shall remain fixed, firm & binding till completion of the Order.
2.1 Prior starting the job contractor has to submit the workmen compensation/ insurance, PF document to the USER and HR department along with the work order copy.

3. PAYMENT TERMS:
3.1. 90% progressive payment shall be released against submission of running bills duly certified by EIC & 10% of the contract value shall be retained for one year as retention for the defective liability period and shall be released after completion of defective liability period.

4. TAXES:
GST on the above job shall be reimbursed by the UAIL only on compliance with GST Rules and Regulations and matching of data in the GSTIN Network.
You will have to pay GST and file returns immediately after invoicing. Any lapse on claiming of GST so as due to your negligence will recovered from your invoice.
Vendor should be liable to fulfil all statutory compliance as may be required by Government of India from time to time, which without limitation to include issue E-invoice, filing GST Returns and paying GST amount on or before due dates. Any non-compliance shall entitle Bindalco or withheld the sum dues to indemnify their exposures.
Income Tax at the prevailing rate shall be deducted from your bills and deposited to the credit of appropriate authority, for which UAIL shall provide necessary certificates.
You shall indemnify UAIL against any liability arising towards all statutory payments.
As a condition precedent to this Order, it shall be the sole and absolute liability and responsibility of the Contractor to register under the Building and Other Constructions Workers (BOCW) Act, 1996 and to comply with the rules and regulations made thereunder entirely at the Contractors own costs, charge and expenses. The Contractor shall punctually assess, pay and deposits the BOCW Cess (as determined under the BOCW Cess Act 1996 and Rules made thereunder) @1% (or as may be modified from time to time) as applicable and shall submit proof of such registration and payment of cess to the Company within 7 days of such Compliance, Only upon submission of such proof of registration, shall any payment be released to the Contractor. Non-compliance by the Contractor of the BOCW Act or BOCW Cess Act shall constitute a material breach of this contract.
10% of billing value shall be retained as retention for discharge of BOCW CESS liability from RA bills and shall be released after submission of proof of BOCW payment and necessary clearance.
Statutory variation in taxes & duties and/or imposition of any new statutory after the date of this order shall be to UAIL's account.
It is understood by the Parties that the work area is a normal domestic unit and all the statutory levies as applicable on the date of this order have all been considered either in Your scope or in UAIL scope.

5.INSURANCE:
5.1. To be arranged by you at your cost for the following:
5.2. For your supervisors / employees at Site with appropriate life, sickness and accident for the duration of their services at site.
5.3. For any special erection and/or testing tools or instruments you may bring to site for the period of erection and commissioning.
5.4. Third parties against all risks.
5.5. We shall take marine-cum-storage-cum-erection insurance to cover risk of entire Plant.

6. CONTRACT PERIOD: Time shall be of essence of the Contract. You shall complete the entire scope of work within 45 days from the date of order.

7. WARRANTY PERIOD: workmanship warranty of 12 months from completion.
7.1) Retention Money: 10% of the Contract Price shall be retained for a period of One Year from the date of completion of entire scope of work and shall be kept as Retention money. No interest shall be payable to the contractor for the sums so retained by the Company, which shall be released after defect liability period of One Year.

8. LIQUIDATED DAMAGES FOR DELAY: In the event of delay in completion period, you are liable to pay LD @ 0.5% of Contract Price per completed week of delay subject to a maximum of 5% of the Contract Price.

9.ARBITRATION:
9.1. The Parties hereto shall endeavor to settle all disputes and differences relating to and/or arising out of the Order amicably.
9.2. Any or all disputes with respect to the interpretation or other disputes between the Parties hereto arising under or in connection with the Order which disputes cannot be resolved by mutual discussion between the Parties to the Order within 60 days, shall be referred to Arbitration under the provisions of Arbitration and Conciliation Act, 1996 by or any subsequent modifications and amendments thereof. Each Party shall be entitled to nominate an Arbitrator and the two Arbitrators so nominated shall jointly nominate a third Arbitrator.
9.3. The place of arbitration shall be Cuttack, India and the language of the arbitration shall be English.
9.4. The Parties further agree that any arbitration award shall be final and binding upon the Parties.
9.5. The Parties hereto agree that both the Parties shall be obliged to carry out its obligations under the Contract even in the event a dispute is referred to Arbitration unless the dispute is of such a nature that it is not possible to carry out the obligations.

10. BANK GUARANTEE: NA.

11. WORKMEN COMPENSATION POLICY:
You shall at all times indemnify us against any claims which may be made under the Workmen's Compensation Act 1923 or any statutory modification thereof or otherwise for or in respect of any damages or compensation payable in consequence of any accidents or injury sustained by any worker or other person in your employment.

12.SUPERVISION:
12.1. You shall depute one supervisor who will interact with concern EIC and railway authority for smooth completion of job.
12.2. You shall bear all cost of travel including local transportation, incidentals incurred in connection with travel and stay of their supervisors.
12.3. Should we by notice in writing to you, object to any supervisor sent to Site who shall be guilty of serious misconduct or be incompetent or negligent, and we provide written evidence that your personnel is actually guilty as mentioned above, you shall remove that you remove and promptly replace such person at your expense so as not to cause any interruption in carrying out the job and PAT and other necessary activities.

13. DEPLOYMENT OF MANPOWER:
13.1. You shall obtain necessary Labour License from local Government in accordance with prevailing laws and necessary labour registers etc, shall be maintained by you.
13.2. You shall follow all statutory obligations under Contract Labour (Regulation & Abolition) Act 1970, ESI and Provident Fund Acts etc. as applicable for your labour and staff engaged in execution of the Work at Site. In case of any violation of these rules penalty/legal implication thereof, if any, shall be to your account and responsibility.
13.3. You shall ensure that all persons employed by you shall be efficient, skilled and honest and conversant with nature of work.
13.4. You shall also comply with any subsequent changes announced by the Government in relation to labour laws without any additional cost to us.
13.5. You are advised to submit all necessary statutory documents to our VP - HR, or his authorized representative and obtain his clearance before starting any site activities. This is a MANDATORY requirement.

14. LICENCE & WORK PERMIT FOR SITE WORK:
You shall obtain relevant license and work permit for carrying out the work at your own expenses.
All approval required from railway to be obtain by you.

15. COOPERATION WITH OTHER CONTRACTORS:
You shall co-operate with other contractors and consultants engaged by us for furnishing information as required for other Contractors' Work. It is imperative that all contractors' suppliers shall work and share information with each other in the interest and interest of the job.

16. STATUTORY APPROVALS:
You shall obtain all relevant statutory approvals from appropriate authorities. We shall only apply for such approvals as per your advice. Any modification or additional requirement by the concerned authorities shall be carried out.

17. SUBMISSION OF BILLS:

Digitally signed by SHASHI PRAKASH GUPTA
Date: 2024.04.10 12:14 IST

Your bills duly certified by the EIC has to be addressed & submitted to the GM Accounts, UAIL, Duragada, P.O. Kuchinda(r, Dist. Rayagada 765 015, Orissa, who shall process your bills & release payment.

18. TRANSFER OF THE CONTRACT:
You shall not, without our prior written consent, assign or transfer this order or any part thereof, provided that any such consent shall not relieve you, as the case may be, from any other obligations, duty or responsibility under this order.

19. SUB-CONTRACTING: You shall be fully and directly responsible for all the jobs and omissions of sub-contractors engaged by you and also for considerations of their work with those of the sub-contractors. You shall be responsible for overall performance of this order. You shall assume responsibility for binding every sub-contractor to the terms of the order. You shall undertake all obligations relating the sub-contractors, if any, and their rate and nothing contained in contract documents shall create any contractual relation between your sub-contractor and us.

20. CONFIDENTIALITY:
20.1. The Parties hereto shall keep confidential and shall not, without prior written consent of the other Party hereto, disclose to any third party any documentation, data and other information furnished directly or indirectly by the other Party hereto in connection with this order or use such documentation, data and information for purposes other than this order, whether such information has been furnished prior to, during or after this order.
20.2. However, the aforesaid obligation shall be subject to the exception as regards to information already within public domain and information disclosed under any statutory order or court order.

21. SAFETY & SECURITY:
21.1. You shall be solely and exclusively liable and responsible for compliance with all applicable safety laws, rules and regulations, the safety of workmen, agents, employees or others whom it may engage or employ for the purpose of the Contract. You shall abide by the safety rules and practices strictly including use of proper personal protective equipment/appliance by its people working at site. No work should be undertaken without a work permit issued by us. Only those persons who are medically fit and have no phobia for working at height should be engaged by you for such jobs. All persons working at a height are to be provided with double line safety belt. Non-compliance to safety guidelines shall result in severe penalties including possible cancellation of the order. You shall compensate us for loss or liability suffered or incurred on account of defaults or non-compliance to safety guidelines by you. You shall indemnify us against all losses, damage, claims, actions, proceedings, penalties, costs and other liabilities suffered or incurred on account of your default, under this Clause or any incident or accident arising out of the neglect or omission or other reasons attributable to you.
21.2. Related law and order situation and security of your personnel, machinery, material etc at site shall be your responsibility.
21.3. You shall be responsible for proper fencing, guarding, lighting, and security for all the works at the site and for the proper provision of temporary road ways, footways, guard and liaison on the site as far as may be necessary for the work and so as not to endanger us and occupiers of adjacent property, the public and others, all in accordance with good industrial practice.
22. HEALTH, SAFETY & ENVIRONMENT:
You shall observe & comply with all rules, regulations pertaining to Health, Safety & Environment during the execution of work. UAIL reserves the right to stop any work that it deems as unsafe at any point of time. You shall submit a "Job Starting Intimation Letter" to the concerned department for commencement of work. (As per attached HSE policy).)
As per notification No. 2634 IND-IV-PCP-PWM-51 dated 19th Feb 2022 issued by State Pollution Control Board, Odisha, prohibiting production, stocking, sale & use of Single Use Plastic (SUP), we as a responsible corporate entity, has decided to restrict use of single use plastic (SUP) in our premises. So, henceforth please don't use SUP for packaging and wrapping purpose, for items, destined to UAIL.

23. FORCE MAJEURE:
23.1. Force majeure shall mean any cause, existing or future, which is beyond the reasonable control of any of the Parties including major Sub-Supplier's Works (List of major Sub-Suppliers shall be submitted by you for our approval within one month from the date of Contract signing) including acts of God, storm, landslide, fire, floods, inundation, cyclone, earthquake, explosion, epidemics, quarantine, riot, embargo, interference by civil or military authorities, acts, regulations or orders of any governmental authority in their sovereign capacity, acts of war (declared or undeclared), strike, lockout, breakdown of the plant or any such event at our site.

23.2. Neither Party shall be liable for the failure to perform any obligation in terms of the Contract if and to such extent such failure is caused by a Force Majeure.

23.3. The Party(s) prevented to fulfill its obligations (hereinafter referred to as "The Affected Party") by Force Majeure shall promptly notify the other Party(s) within one week of occurrence as well as cessation of such Force Majeure event, and it shall be established by the Affected Party that the force majeure situation had delayed performance of the Affected Party's obligations and services, and was beyond the reasonable control of the Affected Party and not due to the default or negligence of the Affected Party.
23.4. The periods of performance of this order as agreed upon shall be extended by the period of delay caused by such force majeure, as long as the period of force majeure does not last longer than three months.

23.5. If a Force Majeure continues for more than six months and the Parties are not able to reach an agreement on the continuation of the Contract within a further term of one month, the fulfillment of the Contract shall automatically be deemed impossible and shall stand suspended / terminated. In case of such suspension / termination, you shall be entitled to the payment of costs incurred up to that time for all Works completed on submission of substantiated invoice on the one hand and shall be liable for prompt refund to us the unearned portion of all the corresponding advance payments received by you from us on the other hand.

24. TERMINATION OF CONTRACT:
24.1 We may at any time terminate the Order in whole or in part by giving thirty (30) days prior notice in writing to you. Upon receipt of such notice, you shall promptly discontinue any further performance of Works or relevant part thereof and shall carry out only that part of Works as may be necessary to protect the Works to date or as may be reasonably requested by the Company.
24.2. In the event of the failure of either Party to fulfill its obligations under the order and if such default or inability is not remedied within thirty (30) days of receipt of written notice of the same, the other Party may terminate the Contract forthwith by written notice to the defaulting Party.
24.3. In the event of termination of the Contract for reasons whatsoever under this Clause, we shall be liable to pay to you the costs including reasonable profit and expenses already incurred by you in connection with the order supported by substantiated documents provided you have fulfilled your obligations for which payments are sought to be obtained from us on the one hand or you shall be liable to refund to us any unearned portion of the advance paid by us on the other hand.
24.4. Upon termination of the Order for any reason whatsoever, you shall deliver to us all completed Works, specifications, documents, designs, drawings and data sheets or other related papers and plant, machinery and equipment that you are obliged to supply under the order and which have been paid for by us or we may have given, for the purposes of the order.
24.5. The termination of the Order shall be without prejudice to the right(s) of either Party in respect of any or any other breach of the Order, due or accrued up to termination, unless waived in writing by agreement made by the Parties hereto.
24.6. Except as otherwise provided for in the Order, neither Party shall be liable to the other Party for any compensation, indemnification, and/or reimbursement of whatever nature direct or indirect as a result of or related to, or in connection with the termination of the Order hereunder.
24.7. Clauses on Environmental Standards, Intellectual Property Rights, Arbitration, Confidentiality and Risk & Cost, shall survive termination of the Order, for any reason whatsoever.

25. SUSPENSION OF WORK:
25.1. When situation so demands, we reserve the right to suspend the order with due notice to you and subsequently reinstate the performance without invalidating the provisions of the order. The stipulated period of performance on your part shall be relaxed to cover the suspended delays and all additional costs including for storage and insurance.

25.2. In case period of suspension of Works is more than six months, you shall discuss with us to take all steps to minimize extra financial implications during suspended period and to restart the Works at the end of the suspension period. This financial implication shall not be considered if the suspension of Works is done by us for reasons attributable to you.
26.Material Specification:
Cement 8ª UltratechBirla gold.
Steel (HYSD) 8ª SAIL/TATA/JINDAL
Structural steel 8ª SAIL/TATA/JINDAL
26.GOVERNING LAW:
The laws of India shall govern this Contract. Courts in Cuttack shall have exclusive jurisdiction over all matters arising out of this Contract, provided however those arbitration proceedings shall be exclusively governed by Clause of Arbitration.
27. ENCLOSURES:
Annexure-I BOQ
Annexure-II UAIL HSC Policy.
Annexure-III Code of Conduct.
28. ACCEPTANCE OF ORDER:

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Date: 2024-04-01 12:14 IST
Reason: PO

You are requested to confirm your unconditional acceptance of this order by signing the acceptance copy of this order within 03 days of issuance of this order.

29. Assignment by Company:
Contractor hereby consents to the creation by the Company of a security assignment of the Contract in favour of any Financing Entity and hereby undertakes to execute upon request of the Company such documents as may be reasonably and customarily required to give effect to any such assignment provided that the Contractors consent, which shall not be unreasonably withheld or delayed, shall be required for the inclusion in such documents of any terms other than a simple confirmation of the consent given above or a simple acknowledgement of a notice of an assignment pursuant to this Clause. Any stamp duty and all costs & expenses payable in respect of such documents shall be to account of Company in respect of any such documents required to be signed by Contractor.

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Date: 2024-09-11 04:12:34 IST
Reason: PO

GENERAL TERMS & CONDITIONS :

1. Price:
The price mentioned in the Purchase Order is firm and fixed till the delivery of entire material and is not subject to any price escalation on any ground unless explicitly mentioned in the order.

2. GST and other taxes
a) GST shall be paid by UAIL. You shall have to pay GST and file return immediately after dispatch.

b) You/Vendor shall liable to fulfil all statutory compliance as may be required by Government of India from time to time,which without limitation to include issue E-invoice, filing GST Returns and paying GST amount on or before due dates.Any non-compliance shall entitle UAIL to withhold the sum due to indemnify their exposures.

3. Completion Period
Supply :
Delivery schedule must be strictly followed. If the materials are not delivered strictly within the stipulated time, we reserve the right not to accept the material and/or levy Liquidated Damages as specified in the Purchase Order. Partial dispatches are not allowed unless authorized explicitly in writing by us.

4. Transportation and Transit Insurance:
The entire material shall be dispatched by road through the authorized transporter of UAIL as mentioned in the PO. In case dispatches are made through any other means or any other transporter, the extra expenses incurred by UAIL, if any will be realized from the supplier.
Transit Insurance from point of loading to point of discharge will be covered by UAIL unless otherwise agreed. The supplier has to inform UAIL about the dispatch particulars by Fax/e- mail addressed to the concerned Buyer.

5. Dispatch Documents:
Bill(s) / Document(s) (one in Original + one set in duplicate) should be sent along with challan and LR/WB/RR to Head (Accounts) and Head-Materials respectively. Bills / Challans should contain all relevant information like Vendor Code, Order No., Item Code, etc., as given in the PO besides supplier's GST & PAN No.
The dispatch documents should consist of the following:
a) Invoice giving details of taxes.
b) Packing list
c) Test/Inspection report
d) Material Test Certificate
e) Original consignee copy of LR
f) Warranty / Guarantee certificate

6. Guarantee & Warranty clause:
The entire materials/equipments supplied by you shall be in strict conformity with the specifications and data mentioned in the LOI / PO. It should be free from any defects arising out of poor design, workmanship, inferior material or all the items. The entire material/equipments shall be under guarantee for a period of 12 months from the date of commissioning or 18 months from the date of supply, whichever is earlier. In case of any defects attributable to design, material, manufacturing and workmanship arises after commissioning of the equipment and is not found to perform within the guarantee period, the seller shall replace such defective portion or part free inclusive of all costs.such repair/replacement shall be carried out without loss of time. Any spares that may be required during the guarantee period (except consumable spares) shall be supplied free of charge. In case higher Guarantee Period has been agreed upon, the same will prevail.
In case the equipment /spares do not perform for the ratings specified, then the supplier will be allowed to rectify the defect. Even after making efforts to rectify the defect within reasonable time (mutually agreed), then UAIL will have the option to reject & return the equipment/spares against reimbursement of all payments made to supplier.

7. Inspection and Testing before dispatch:
UAIL has the right to witness the necessary inspection and testing of all equipment/materials mentioned in the PO during and after manufacture and before dispatch, to ensure seller's compliance with the specifications mentioned in the LOI / PO and the standards according to which seller has produced.
The authorized representative of UAIL shall have at all reasonable times right to visit manufacturer/his sub-vendor Works to witness inspection and testing of the equipment / materials. However, UAIL reserves the right to arrange third party inspection at UAIL's cost, unless otherwise agreed.
The supplier has to inform at least 02 weeks in advance before the dispatches are made about the readiness and to arrange inspection. Inspection / approval by UAIL does not absolve supplier's responsibility as per the terms of LOI / PO.

8. Final inspection will be done at our plant (unless otherwise Specified in the PO :
Payment will be made for actual weight or quantity accepted by us. Our measurements/inspection shall be final and binding. Rejected material will be returned by us at supplier's risk and cost (including to and fro transportation cost). Unless specifically advised by supplier regarding mode of return of rejection, UAIL will be free to choose any means for return of rejected goods. Supplier will intimate well in advance the methodology of documentation to be done specially for GST (ITC related Activities).

9. Operation & Maintenance Manuals (wherever applicable):
The seller has to deliver four sets of Operation & Maintenance manuals comprising of the following along with the equipment.
a) Equipment information.
b) Instructions for equipment erection / commissioning
c) Operation and maintenance instructions including start-up and shutdown procedures, adjustment, lubrication schedules, preventive maintenance, trouble shooting, repair instructions.
d) List of spare parts and lubricants used.
e) Complete list with specifications for all bought out components.

10. TAX DEDUCTION:
Necessary tax deduction shall be made by UAIL as per the Government rules.

11. OTHER TERMS & CONDITIONS:
a) The packing material and other accessories to be used for executing the above Purchase Order should be Biodegradable meeting our EHS norms.
b) Due care should be taken during handling and transportation for prevention of Pollution due to spillage etc. Transporter must have "Transport Emergency card" during transit of Hazardous chemicals.
c) Supplier should send order acknowledgement within 7 (Seven) days of receipt of PO. This order if not accepted should be returned within 48 hours stating reasons for non-acceptance. If we don't receive any acceptance within 7 (Seven) days, we will presume that all the terms and conditions given in order are acceptable to Supplier.
d) Any demurrage, wharf age, or similar charges to which Buyer becomes liable because of Sellers failure to book the goods in accordance to Order and/or late delivery of LR/RR receipt shall be borne by Supplier.
e) Timely delivery of the material shall be essence of PO and any failure on that score will entail the Buyer to purchase the material from other sources at the prevailing market rate at the cost and risk of the Supplier without any prejudice to the right of the Buyer to cancel the Order. (Buyer reserves the right to purchase goods from market on Supplier's risk and cost).
f) Prices are fixed and firm till completion of order.

12. ARBITRATION:
If any dispute and/or differences shall at any time arise between UAIL and Supplier in relation to any clause (s) or matters herein contained or their respective

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Date: 2024-04-11 12:12:14 IST
Reason: PO

rights/claims or liabilities hereunder or otherwise in relation to or arising out of LOI / PO, such disputes and/or differences shall be settled mutually through discussions between the representatives of the parties in the first instance, failing which the same shall be finally settled by an Arbitral Tribunal composed of a panel of three Arbitrators, one to be appointed by Claimant(s) and one to be appointed by Respondent(s) and the two Arbitrators, so appointed, shall appoint the third Arbitrator who shall act as the presiding Arbitrator. The Award of the Arbitral Tribunal shall be final and binding on the parties and the provisions of the Arbitration and Conciliation Act, 1996 and the Rules made there under and any statutory modification and re-enactment thereof shall be deemed to apply and to be incorporated in this Contract. Place of Arbitration shall be at Unit Location District and Arbitration proceedings shall be in English language.

13. Governing Law & Jurisdiction:
The Purchase Order shall be subject to Indian laws and the Courts of competent Jurisdiction in Unit Location District alone shall have exclusive jurisdiction.

14. Information Security , Confidential Agreement:
All non-public, confidential or proprietary information of the Buyer, including, but not limited to, specifications, samples, patterns, designs, plans, drawings, documents, data, business operations, pricing, discounts or rebates, disclosed by Buyer to Supplier's Representative or Agent, whether disclosed orally or disclosed or accessed in written, electronic, or other form or media, and whether or not marked, designated or otherwise identified as "confidential," in connection with the Order is confidential, solely for the use of performing the Order and may not be disclosed or copied unless authorized by Buyer in writing. Buyer shall be entitled to injunctive relief for any violation of this Section. This Section shall not apply to information that is: (a) in the public domain; (b) rightfully and legally known to the Seller at the time of disclosure; or (c) rightfully and legally obtained by the Seller on a non-confidential basis from a third party.

OUR VALUES
INTEGRITY, COMMITMENT, PASSION, SEAMLESSNESS AND SPEED

EXTRACTS FROM OUR POLICIES:
To procure goods and services by honest use of sound business principles in an impartial/unbiased & transparent manner and dignity by way of fair competition, ethical and equitable dealings from right source, of desired quality, at right time, at optimal cost & in right quantity. Adopt the State of the Art purchase procedures to reduce internal and external lead times, deliver value for money, for all concerned, to create a strong network of competent and reliable suppliers. Preference will be given to manufacturers over dealers. Vendors not complying with environment norms will be discouraged. Vendors who are found to be resorting to unfair or unethical business practice will be deregistered. Vendors will be regarded as partners in our business. We will give preference to local vendors.

QUALITY, ENVIRONMENT, OCCUPATIONAL HEALTH & SAFETY POLICY:
We are committed to demonstrate excellence in quality, environment and occupational health & safety for sustainable development.
To Achieve this, we shall:
1. Ensure customer satisfaction by providing value added products and services.
2. Continually maintain systems, procedures and best practices with technological interventions.
3. Optimize resource consumption particularly- raw material, energy, water, oil and promote pollution prevention.
4. Nurture and sustain safe and healthy work environment.
5. Comply with applicable legislation in letter and spirit.
6. Strengthen competence of employees and business associates through continuous training.

We shall communicate and make this policy available to all stakeholders.

Condition related to FOH&S

Material Supplier :
1. Supplier should comply with all Environmental Rules and Regulations, applicable to their supplies.
2. Supplier should provide MSDS for all materials, as applicable.
3. For transport, Supplier should use authorized transporter, Supplier should provide TERM Card, as applicable.
4. All Vehicles, used for transportation should comply with Motor Vehicle Rules, 2014.

Service Provider :
1. Suppliers, working inside the factory should ensure that they do not contaminate Water and Air.
2. Any Waste, generated during work inside the factory to be disposed of as per instructions given by us.
3. Supplier to ensure good housekeeping in their area of work inside.

UAIL SUPPLIER CODE OF CONDUCT

Purpose and Scope

Utkal Alumina International Limited ("UAIL/Company") has developed a Supplier Code of Conduct (this "Code") to clarify our expectations in the areas of business integrity, human
rights, labor practices, associate health and safety, and environmental management. The Code expresses UAIL's commitment to responsible sourcing while conducting business
ethically. Our materials are sourced in a responsible manner that minimizes negative impacts on the environment and society. We are also committed to inculcate sustainable sourcing practices and engage with our suppliers in improving the ESG performance across our supply chain. It explains what it means to act with integrity and transparency in everything we do and in accordance with our unique culture and values. The Code is intended to complement UAIL's Code of Conduct and the other policies and standards referenced therein. All of the standards mentioned herein emanate from the parent company (Hindalco) Policies (http://www.hindalco.com/Investor-centre/Policies) and Aditya Birla Group Policies (http://sustainability.adityabirla.com/policies.php)

Sustainability
Sustainability is one of the key components of our decision-making process. We, at UAIL,operating across the process chain from mining till Bauxite refining, strive for excellence in sustainable processes, products and practices to create long term value for all our stakeholders, while conserving resources, protecting environment and enriching societal
wellbeing. This Code is developed based on global best practices such as safety, health,environment, human rights, ethical and fair business practices. The Code is aimed at creating a positive impact on the sustainable business practices across UAIL's value chain and its compliance is a key criterion for selection and partnership with our suppliers.
Suppliers, vendors, contractors, consultants, agents and other providers of goods and services, who do business with UAIL are expected to follow this Code.

Business Conduct Principles:
UAIL is committed to: (i) conducting its business ethically and in accordance with all applicable laws; (ii) adhering to standards of safety and care for the protection of its employees, the public, and the environment; and (iii) promoting these policies through education,supervision, and regular reviews. UAIL expects its suppliers to conduct business responsibly,with integrity, honesty, and transparency, and to adhere to the following principles:

1. Maintain awareness and comply with all applicable laws and regulations applicable to their operation.

Validity unknown
Digitally signed by
SHASHI PRAKASH GUPTA
Date: 2024-04-16 09:42:14 IST
Reason: PO

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
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Microbiology Lab

Test Report No.: Enviab/23-24/TR-12819

Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

ANNEXURE R1/19

SAMPLE DETAILS

Sample Location & Code	GW1: Kuchipadar	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	07.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	06.12.2023	Test Completed on	14.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-1
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H B	7.64
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	292.1
6	Temperature	^{0}C	-	--	26.6
7	Conductivity	µS/cm	-	APHA 2510 C	436.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	26.4
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	48.9
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.42
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.36
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.0
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	32.4
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	98.8
22	Total Hardness	mg/l, max	200	APHA 2340 C	122.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.36
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Microbiology Lab

Test Report No.: Envlab/23-24/TR-12820 Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW2:Baghrtjhula	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	07.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	06.12.2023	Test Completed on	14.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-2
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H'B	7.33
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	302.8
6	Temperature	^{0}C	-	--	25.4
7	Conductivity	µS/cm	-	APHA 2510 C	452.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	25.6
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	52.4
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.33
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.32
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	16.3
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	26.7
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	102.0
22	Total Hardness	mg/l, max	200	APHA 2340 C	132.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.21
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-12821 Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW3:Dimundi	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	07.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	06.12.2023	Test Completed on	14.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-3
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H B	7.65
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	326.3
6	Temperature	^{0}C	-	--	25.8
7	Conductivity	µS/cm	-	APHA 2510 C	487.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	20.0
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	51.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.36
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.23
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	14.1
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	25.4
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	96.5
22	Total Hardness	mg/l, max	200	APHA 2340 C	108.9
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.31
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Enviab/23-24/TR-12822 Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW4:Lachaguda	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	07.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	06.12.2023	Test Completed on	14.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-4
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.48
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	283.4
6	Temperature	^{0}C	-	--	25.4
7	Conductivity	µS/cm	-	APHA 2510 C	423.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	22.8
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	50.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.42
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.29
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.3
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	28.4
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	97.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	112.4
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.29
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-12823 Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW5:Bhitar Muchikumi	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	07.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	06.12.2023	Test Completed on	14.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-5
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H'B	7.52
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	231.2
6	Temperature	^{0}C	-	--	25.3
7	Conductivity	µS/cm	-	APHA 2510 C	345.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	25.2
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	37.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.42
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.25
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	15.6
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	36.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	102.3
22	Total Hardness	mg/l, max	200	APHA 2340 C	128.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.42
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-12824 Date: 06.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW6: RMP (Piezometer Well-1)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	14.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	13.12.2023	Test Completed on	21.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-6
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H B	7.49
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	258.8
6	Temperature	^{0}C	-	--	25.4
7	Conductivity	µS/cm	-	APHA 2510 C	386.3
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	22.4
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	45.5
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.34
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.29
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	15.1
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-} B	28.7
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	99.8
22	Total Hardness	mg/l, max	200	APHA 2340 C	119.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.39
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-12825 Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW7: R3IP (Piezometer Well-2)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	14.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	13.12.2023	Test Completed on	21.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-7
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.25
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	258.2
6	Temperature	^{0}C	-	--	25.8
7	Conductivity	µS/cm	-	APHA 2510 C	385.4
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	25.2
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	44.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.35
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.36
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	17.0
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	31.2
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	102.5
22	Total Hardness	mg/l, max	200	APHA 2340 C	134.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.28
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual features observed during determination					NIL

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Mineral Lab
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Microbiology Lab

Test Report No.: Envlab/23-24/TR-12826 Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW8: RMP (Piezometer Well-3)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	14.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	13.12.2023	Test Completed on	21.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-8
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.31
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	426.1
6	Temperature	^{0}C	-	--	25.1
7	Conductivity	µS/cm	-	APHA 2510 C	636.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	24.4
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	65.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.52
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.28
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg B	16.1
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-} B	29.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	96.7
22	Total Hardness	mg/l, max	200	APHA 2340 C	123.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.33
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-12027 Date: 08.01.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW9: Ash Pond Near Pizo meter	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	14.12.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	13.12.2023	Test Completed on	21.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-9
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H B	7.42
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	276.2
6	Temperature	°C	-	--	25
7	Conductivity	µS/cm	-	APHA 2510 C	412.2
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	23.2
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	40.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Flooride (as F)	mg/l, max	1.0	APHA 4500F C	0.44
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.39
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	14.6
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	34.2
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	86.8
22	Total Hardness	mg/l, max	200	APHA 2340 C	119.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.36
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTRIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL.

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Test Report No.: Envlab/23-24/TR-15222 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW1: Kuchipadar	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	17.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	16.02.2024	Test Completed on	23.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-1
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H^+B	7.66
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	298.7
6	Temperature	^{0}C	-	--	26.5
7	Conductivity	µS/cm	-	APHA 2510 C	445.8
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	22.1
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	55.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.43
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.35
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	11.3
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{-2}B	39.9
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	103.2
22	Total Hardness	mg/l, max	200	APHA 2340 C	102.3
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.42
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN'C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-15223 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW2:Baghrijhala	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	17.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	16.02.2024	Test Completed on	23.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-2
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	–	Agreeable	APHA 2120 B	Agreeable
3	pH value	–	6.5-8.5	APHA 4500 H^+B	7.39
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	312.1
6	Temperature	^{0}C	-	–	25.8
7	Conductivity	µS/cm	-	APHA 2510 C	465.8
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	20.6
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	54.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.42
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.32
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	14.0
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	36.9
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	108.9
22	Total Hardness	mg/l, max	200	APHA 2340 C	109.6
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.33
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL.

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Test Report No.: Envlab/23-24/TR-15224 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW3:Dimundi	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	17.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	16.02.2024	Test Completed on	23.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-3
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.69
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	325.6
6	Temperature	^{0}C	-	--	24.9
7	Conductivity	µS/cm	-	APHA 2510 C	485.9
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	22.8
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	51.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F-C	0.46
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.39
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	12.5
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	31.2
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	105.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	108.8
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.39
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN-C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL.

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- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-15225 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW4:Lachuguda	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	17.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	16.02.2024	Test Completed on	23.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-4
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.58
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	291.9
6	Temperature	^{0}C	-	--	25.6
7	Conductivity	µS/cm	-	APHA 2510 C	435.6
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	22.1
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	51.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F-C	0.44
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.38
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg B	11.6
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	29.8
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	102.5
22	Total Hardness	mg/l, max	200	APHA 2340 C	103.6
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.32
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN-C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-15226 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW5:Bhitar Muchikuni	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	17.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	16.02.2024	Test Completed on	23.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-5
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.25
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	242.9
6	Temperature	^{0}C	-	--	24.6
7	Conductivity	µS/cm	-	APHA 2510 C	362.5
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	29
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	58.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.55
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.32
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	16.6
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-} B	30.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	112.5
22	Total Hardness	mg/l, max	200	APHA 2340 C	145.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.41
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN-C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Mineral Lab
&
Microbiology Lab

Test Report No.: Enwlab/23-24/TR-15227 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW6: RMP (Piezometer Well-1)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	16.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	15.02.2024	Test Completed on	22.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-6
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.36
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	256.5
6	Temperature	^{0}C	-	--	24.8
7	Conductivity	µS/cm	-	APHA 2510 C	382.8
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	28
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	43.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F-C	0.51
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.28
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	17.8
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	28.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	106.9
22	Total Hardness	mg/l, max	200	APHA 2340 C	144.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.49
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN-C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Mineral Sub-Soil Exploration
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Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-15228 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW7: RMP (Piezometer Well-2)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	16.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	15.02.2024	Test Completed on	22.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-7
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.42
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	265.0
6	Temperature	^{0}C	-	--	25.6
7	Conductivity	µS/cm	-	APHA 2510 C	392.6
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	31.2
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	43.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.49
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.35
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	17.8
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-} B	31.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 b	108.9
22	Total Hardness	mg/l, max	200	APHA 2340 C	152.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.39
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN-C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Microbiology Lab

Test Report No.: Envlab/23-24/TR-15229 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW8: RMP (Piezometer Well-3)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	16.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	15.02.2024	Test Completed on	22.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-8
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.45
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	405.9
6	Temperature	^{0}C	-	--	25.2
7	Conductivity	µS/cm	-	APHA 2510 C	605.8
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	26
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	58.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.56
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.22
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	17.8
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-} B	30.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	98.9
22	Total Hardness	mg/l, max	200	APHA 2340 C	139.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.48
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Plot No.- M-22 & 23, Chandaka Industrial Estate, Patia, Bhubaneswar, Khurda, Odisha-751024, India Tel.: 0674-3511721

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Mineral Lab
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Test Report No.: Envlab/23-24/TR-15230 Date: 09.03.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW5: Ash Pond Near Pizo meter	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	16.02.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	15.02.2024	Test Completed on	22.02.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-9
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.42
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	294.1
6	Temperature	^{0}C	-	--	25.3
7	Conductivity	µS/cm	-	APHA 2510 C	438.9
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	28
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	48.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.52
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.31
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	19.7
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	31.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	105.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	152.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.44
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Microbiology Lab

Test Report No.: Envlab/23-24/TR-14003 Date: 08.02.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW1: Kuchipadar	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	18.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	17.01.2024	Test Completed on	24.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-1
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H B	7.56
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	296.1
6	Temperature	°C	-	--	25.4
7	Conductivity	µS/cm	-	APHA 2510 C	442.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	20.8
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl⁻ B	52.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.45
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.33
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.4
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	35.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	105.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	108.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.38
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-14004 Date: 08.02.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW2:Baghirjhala	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	18.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	17.01.2024	Test Completed on	24.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-2
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.35
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	301.5
6	Temperature	^{0}C	-	--	23.5
7	Conductivity	µS/cm	-	APHA 2510 C	450.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	23.2
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	55.4
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.36
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.42
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.0
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	31.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	104.2
22	Total Hardness	mg/l, max	200	APHA 2340 C	112.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.25
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN-C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coliforms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-14005 Date: 08.02.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW3:Dimundi	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	18.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	17.01.2024	Test Completed on	24.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-3
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.77
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	338.3
6	Temperature	°C	-	--	24.8
7	Conductivity	µS/cm	-	APHA 2510 C	493.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	21.6
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	55.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.48
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.38
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	11.8
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-} D	32.8
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	108.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	103.3
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.36
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-14006 Date: 08.02.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW4:Lachhagada	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	18.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	17.01.2024	Test Completed on	24.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-4
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.54
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	285.4
6	Temperature	°C	-	--	25.1
7	Conductivity	µS/cm	-	APHA 2510 C	426.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	20.0
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	54.3
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.45
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.36
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.2
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	28.9
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	98.7
22	Total Hardness	mg/l, max	200	APHA 2340 C	105.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.34
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual features observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-14007 Date: 08.02.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW5:Bhitar Muchikumi	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	18.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	17.01.2024	Test Completed on	24.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-5
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.65
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	238.5
6	Temperature	°C	-	--	25.8
7	Conductivity	µS/cm	-	APHA 2510 C	356.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	26.4
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	42.5
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.46
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.26
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	16.6
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	32.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	106.5
22	Total Hardness	mg/l, max	200	APHA 2340 C	135.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.46
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Envlab/23-24/TR-14008 Date: 08.02.2024

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	GW6: RMP (Piezometer Well-1)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	12.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	11.01.2024	Test Completed on	18.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-6
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H B	7.44
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	260.0
6	Temperature	°C	-	--	25.2
7	Conductivity	µS/cm	-	APHA 2510 C	388.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	30
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl⁻B	40.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F⁻C	0.42
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.24
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	16.1
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	31.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	102.3
22	Total Hardness	mg/l, max	200	APHA 2340 C	142.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.48
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN⁻C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-14009 Date: 08.02.2024

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	GW7: RMP (Piezometer Well-2)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	12.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	11.01.2024	Test Completed on	16.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-7
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H'B	7.35
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	258.6
6	Temperature	^{0}C	-	--	26.3
7	Conductivity	µS/cm	-	APHA 2510 C	386.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	29.2
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	41.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.44
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.33
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	17.0
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	33.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	112.5
22	Total Hardness	mg/l, max	200	APHA 2340 C	144.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.33
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN'C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL.

Reviewed by

Approved by

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-14010 Date: 08.02.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW8: RMP (Piezometer Well-3)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	12.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	11.01.2024	Test Completed on	18.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-8
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.28
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	432.2
6	Temperature	^{0}C	-	--	25.6
7	Conductivity	µS/cm	-	APHA 2510 C	645.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	27.6
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	64.5
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.56
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.29
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	16.1
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-} B	31.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	105.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	136.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.39
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-14011 Date: 08.02.2024

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW9: Ash Pond Near Pizo meter	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	12.01.2024
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	11.01.2024	Test Completed on	18.01.2024

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-9
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.48
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	291.5
6	Temperature	°C	-	--	25.4
7	Conductivity	µS/cm	-	APHA 2510 C	435.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	30.4
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	43.6
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.49
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.33
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	17.3
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-} B	35.2
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	98.8
22	Total Hardness	mg/l, max	200	APHA 2340 C	148.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.45
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

Reviewed by

Approved by

ANNEXURE R1/20

Final Report
on

PARTIAL REHABILITATION PLAN FOR FLY ASH POND

For Closure of Fly Ash Pond
at
Utkal Alumina International Limited, Rayagada

SUBMITTED TO:

Utkal Alumina International Limited
Rayagada, Odisha

REPORT PREPARATION AND SUBMISSION BY:

B. HANUMANTHARAO
SCHOOL OF INFRASTRUCTURE
IIT BHUBANESWAR
ARGUL, JATNI, ODISHA
JANUARY 2024

Report on

Partial Rehabilitation Plan for Fly Ash Pond of Utkal Alumina

at Utkal Alumina International Limited, Rayagada

Odisha

Chapter-1

Introduction

1.1 Preamble

M/s. Utkal Alumina International Limited (UAIL) at Rayagada in the state of Odisha has awarded a project vide PO number: 56370668 dated: 08-Nov-23 to the School of Infrastructure at Indian Institute of Technology Bhubaneswar (Dr. B. Hanumantha Rao, Associate Professor, School of Infrastructure), for which we are pleased to submit the technical report on **"Ash pond capping including final closure certification from OSPCB"** of UAIL, Rayagada, Odisha.

1.2 Purpose of this Report

The purpose of this report is to prepare a detailed plan that encompasses final closure of ash pond, namely Utkal Alumina International Limited, Rayagada, in compliance with the regulatory aspects specified by State Pollution Control Board for Fly Ash Management. Additionally, CCR rules specified by USEPA defined under 40 CFR 257.102 has also been adopted. All the information presented in this report is on the basis of analysis of various reports submitted by different organization, site visits and information provided by UAIL.

1.3 General

A leading alumina refinery, Utkal operates in the Rayagada district of Odisha. It comprises a 2.12 MTPA alumina refinery, captive Baphlimali bauxite mines of 8 MTPA with valid lease title up to February 2048, and a captive co-generation power plant of 90 MW along with a 5 MW

solar power plant. Utkal is a world-class refinery with state-of-the-art technology from the world's acclaimed technology supplier, Rio-Tinto-Alcan. Utkal has the best quality bauxite as its input, and an environment-friendly logistics network for bauxite, other raw materials and product alumina through conveyors and railway networks. The bauxite for UAIL is sourced from Baphlimali mines and travels over an 18km Long Distance Conveyor (LDC), which is one-of-a-kind in the world. UAIL enjoys the global leadership position in terms of product quality, energy consumption and cost per ton.

1.4 Site Location Information

Place:	Fly ash pond, UAIL, Rayagada
District:	Rayagada, Odisha
Nearest State highway:	Bhawanipatna-Rayagada 44 No. State Highway, 18km from site
Nearest Railway Station:	Rayagada, 67km
Nearest Town:	Rayagadada
Nearest City:	Bhubaneswar, 444 km from site
Nearest Sea Port:	Gopalpur Port, 295km
Nearest airport:	Therubali Aerodrome Field, 88km

1.5 The scope of the present report

The scope of this report includes:

1. Carry out quantification of Ash Stored in various ash ponds/lagoons.
2. Preparation of Detailed Project Report for capping of Ash Pond/lagoon including detailed design and stability certification of ash dykes.
3. Preparation of detailed procedure for ash pond capping.
4. Filling of application for Ash Pond Capping.
5. Preparation of Report for ash pond area reclamation with green cover including identifying list of species and detailed BOQ.
6. Responding to Queries from Odisha State Pollution Control Board, MoEF&CC etc w.r.t ash pond capping.
7. Extending the expertise help in acquiring final closure certification from SPCB.
8. Final report submission with recommendations by soft copy & 3 nos of hard copy with signature from the institute.

1.6 Fly Ash Pond (FAP) of UAIL

Ash pond of Utkal Alumina is located at a distance of about 8 km from Power Plant (3x30 MW cogeneration plant) with existing capacity of 4 lac Cu. mtrs. The ash disposal is being done through GEHO pumps and pipelines using HCSD system (concentration 70:30). The plan of the existing dyke is shown in Figure 1. The design consisting of starter dyke along with the raisings using the combination of U/S and D/s method of raising (Ref Drw. NO. BE/A-350/024228 GA of ash pond is recommended by Fichtner consulting engineers (I)P Ltd.). First stage construction has been designed for 5 years life (segment A life 1 year) and future ash pond has been shown in the eastern direction and has been recommended to be developed in the lateral direction adjacent to existing pond.



Figure 1 Google earth image of Utkal Alumina fly ash pond

1.7 Legacy ash

The unutilized accumulated stored ash within the pond over an extended period is referred to as "Legacy ash". As per the Union Ministry of Environment, Forest and Climate Change (MoEF&CC) issued a final notification on 31-Dec-2021 and its latest amendment, TPPs will have to utilize the legacy ash in 10 years from the date of publication of final notification. Alternatively, the pond encompasses the legacy will have to closed permanently. The legacy ash volume on Utkal Alumina ash pond is approximately ******.

1.8 Details of Construction

In the proposed raising of dam construction, both the upstream method and the downstream method of raising has been adopted. Further, compacted soil has been used along with ash core in the upstream method as well as in the downstream method. The upstream and downstream slopes are about 1.5V: 1H. The crest width for each stage has been kept at 6 m in all cases. 3 m space is provided in the D/S method at the top of dyke for construction ease. Freeboard has been kept always at 1.0m below the crest level of the dyke. The construction materials used for constructing these dykes are compacted soil, ash core and bought out items like sand, river gravel (waste).

Chapter-2
Comprehensive Partial Rehabilitation Plan

2.0 Description of the Closure Plan

The comprehensive closure plan for rehabilitation of FAP has been prepared in accordance with the guidelines specified by regulatory agencies. The guidelines prescribe two types of methodologies to be, generally, adopted for the preparation of closure plan of the ash pond: (a) **Closure in place** and (b) **Closure by removal**. The closure plan of this report adopts the first methodology that is, **closure in place**. The detailed description of capping and closure, as per the Section 264.310 of CCRs (Coal Combustion Residues) rules, in place shall care the following points:

- Re-grading and backfilling the existing onsite materials
- Installation of an impermeable cap supporting the vegetative cover
- Detailed stability analysis of dykes considering different raisings
- Subgrading/contouring of fill to achieve positive drainage to promote surface water runoff
- Design of a final cover system with a flexible geomembrane liner and 2-feet of soil fill material that is capable of sustaining native plant growth
- Management of surface stormwater runoff by installing network of drainage channels over the new cover and newly created raisings
- Steps to promote the growth of a vegetative cover
- Steps to be practiced post-closure of FAP
- Guidelines for monitoring of ground water post-closure of FAP

2.1 Relevant Codes and Standards

The following codes and standards have been referred to for preparing thus comprehensive partial rehabilitation plan for closure of the ash pond of Utkal Alumina International Limited:

1) Guidelines and Check-list for evaluation of MSW Landfills proposals with Information on existing landfills by CPCB, PROGRAMME OBJECTIVE SERIES: PROBES/124/2008-2009, August 2008.

2) "The National Action Plan for Municipal Solid Waste Management", National Green Tribunal Order Dated 5thFebruary, 2015 in the Matter of OA No. 199 of 2014, Almitra H. Patel &Anr. Vs Union of India &Ors.
3) http://flyash2019.missionenergy.org
4) Criteria for hazardous waste landfills by CPCB &MoEF, Hazardous Waste Management Series: HAZWAMS/17/2000-01.
5) USEPA's final CCR rule under 40 code of Federal Regulations 257.102, USA 2018.
6) Municipal Solid Waste Management Manual Part II: The Manual, under Swachh Bharat Mission by CPHEEO, Ministry of Urban Development, GOI.
7) Ministry of Environment, Forest and Climate Change Notification, the Gazette of India: Extraordinary Part-IISec 3(ii), New Delhi, the 8th April 2016.

2.2 Closure Objectives

The closure objective is formulated cognizant of the fact that a secondary forest be reinstated over the ash pond site, aligned to the natural surroundings. Another objective of closure plan is covert the reclaimed area into a usable land site for any beneficial purpose. The further objectives of the detailed closure plan are to provide long-term minimization of migration of liquids through the closed ash pond, to function with minimum maintenance, to promote drainage and minimize erosion or abrasion of the cover, to accommodate settling and subsidence so that the cover's integrity is maintained; and to have a permeability less than or equal to the permeability of natural subsoils present.

2.3 Area Selection for Commencement of the Rehabilitation Plan of FAP

Partial rehabilitation will be done as per Figure-1.

2.4 Displacement, Dewatering and Mechanical Excavation of Ash

One of the important options that could be exercised for clean closure of area assigned for closure of ash pond is displacement of ash for possible utilization in civil engineering applications. However, an obstacle may arise in the form of ash available in wet condition, which will not facilitate for its easy hauling. Under this circumstance, it is necessary to drain the water by resorting to one of the dewatering techniques that could help in removal of water held by ash

particles. This can be accomplished by cutting some rim ditches, and then providing sufficient time for the material to drain and dry before removing the ash and other sediments through standard mechanical means. No dewatering, displacement or excavation is necessary if the ash deposited in the pond has attained to sufficient dry state.

2.5 Relocation of Slurry Pipe Line

Currently, ash disposal pipelines are entering into the pond from different directions and locations. Slurry pipe lines enter into Ash Pond of Utkal Alumina are in south and north direction. As the CCA is reasonably far away from the point of slurry discharge and natural bed contour level are maintained very well, there is no need to re-locate the current discharge point of slurry ash. Once it is ensured that the ash is sufficiently dried suitable to excavate, transport and dump into CCA, the option of use of a long stick backhoe to mechanically remove the ash can be devised.

Chapter-3
Design of Final Cover System

3.0 Final Cover System

Generally, the final cover comprises of several layers, each layer performing a specific function. It is commonly installed after each landfill phase or tailings height reaches to its full height. The final cover system enhances the surface drainage, minimizes infiltration of precipitation into the closed pond, and supports vegetation to prevent erosion. Different cover systems are used in different countries depending upon facility and storage material type.

As per Hazardous Waste Management Series, for Indian Conditions the cover system criteria listed in Section 7.2 shall be adopted in consultation with SPCB/PCC and commensurate with local area specified needs. However, the section 7.2 deals with hazardous landfills. Final CCRs rule regulates coal ash as non-hazardous waste under Subtitle D of the Resource Conservation and Recovery Act (RCRA) and supports the responsible recycling of coal ash by distinguishing safe, beneficial use from disposal.

3.1 Proposed Final Cover System for Utkal Alumina ash pond

Figure 3 depicts the cover system for closure of Utkal Alumina ash pond site. It is to be noted the proposed closure plan encompasses fly ash pond material, which does not fall under the category of hazardous waste management facility. Therefore, adopting the closure cover of section 7.2 may not directly applicable, as fly ash does not fall under the category of hazardous waste. At the same time, it is imperative to make final cover as impervious media to avoid infiltration of rainwater during every rainy season. As provision of final cover is a permanent remedy of avoiding exposure of fly ash to atmosphere and thereby, eliminating direct contact of fly ash with rainwater, windblown erosion problem and several other natural incidents.

Bearing the above points in mind, modification is done to the final cover system as shown in Figure 2. The proposed final cover consists of compacted clay cover admixed with 2% bentonite overlain by vegetative soil cover. The compacted clay cover acts as barrier layer for infiltration of rainwater, while vegetative soil layer facilitates growth of plantation to be done directly on top of it. Since the vegetative layer is nutrient rich, it excellently supports growth of plants, grass or bushes.

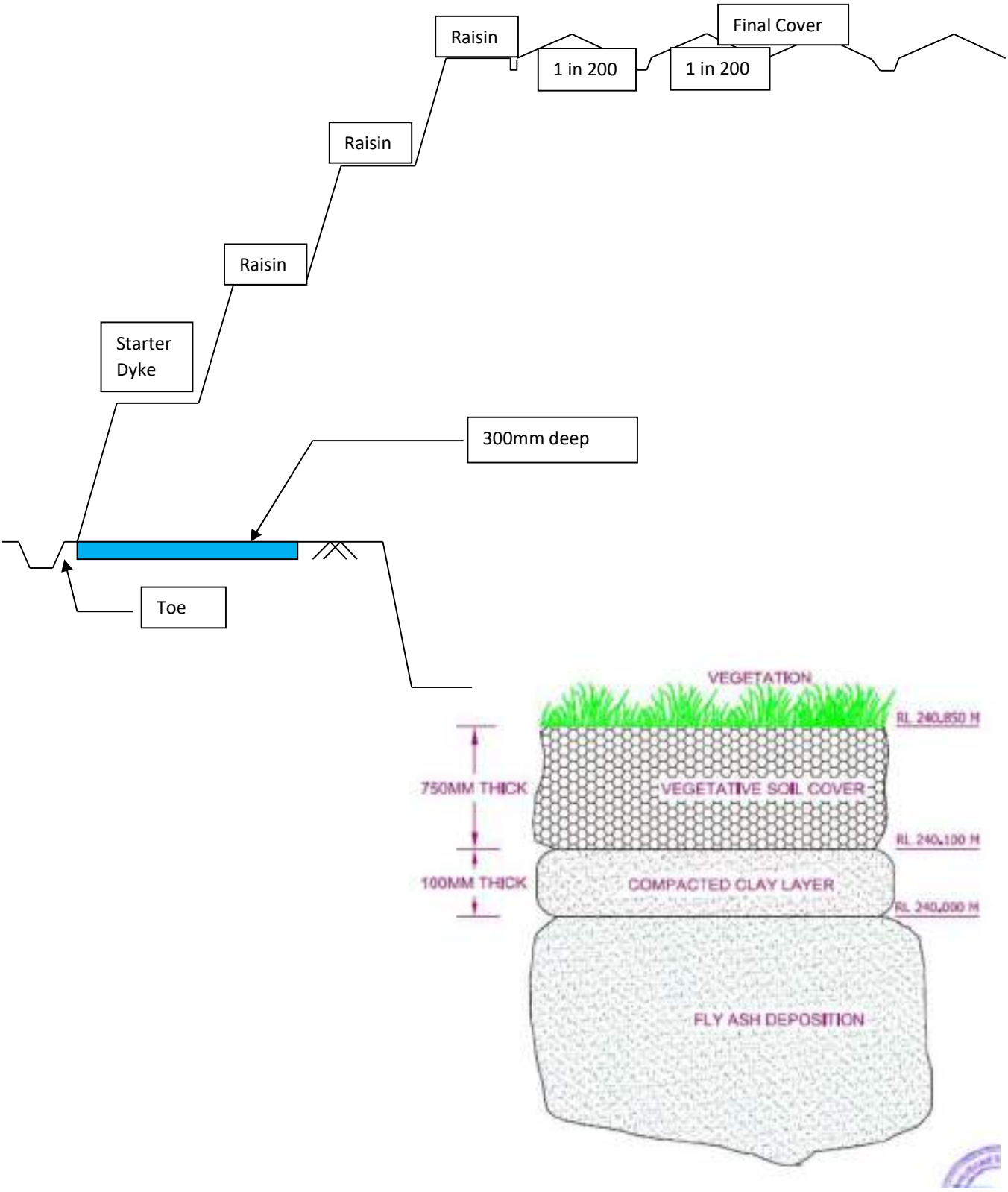


Figure 2: Details of the proposed final cover system with schematic for Utkal Alumina ash pond

3.2 Construction Requirements

3.2.1 Re-grading and backfilling of the top surface area of ash pond

First, it is essential that the final cover is uniformly constructed on top of the ash pond, as shown in Figure 4. Prior to the entire top surface area covering with cover system, it shall be levelled and re-graded in order to maintain contour levels. Maintaining proper contour levelling is necessary; first, to divert the stormwater from top to bottom of the ash pond and secondly, to avoid the infiltration of rainwater into the ash filled area. Therefore, existing undulations, holes, cavities, loose pockets etc., shall be filled with ash only. It is requisite to ensure that filled material have an appropriate density. Any loose pockets leftover might result in subsidence in the future due to infiltration of rain water. Filling shall be continued such that the exposed area maintains levelled surface upon which the final cover system shall be placed.

It is also a requisite to maintain contour levels decreasing towards outer edge or garland drain side of the pond (refer to Figures 3 and 4). Higher elevation at the middle of the pond area and lower contour levels at outer edge helps for quick evacuation of surface water resulted from precipitation. Such re-grading and filling shall be exercised prior to placement of the final cover system. Since the thickness of final cover to be placed is uniform, re-grading done on top of the ash filled area shall also be reflected in the final cover.

Top soil or vegetative soil support cover or surface soil layer: a surface layer consisting of local top soil shall support vegetation for its self-sustaining. The layer should also minimize infiltration of precipitation to the maximum possible extent. Thickness in the range of 450 mm to 800 mm can be provided. The surface layer shall adequately be compacted and prepared to allow vegetative growth.

Compacted clay layer: A compacted clay (or compacted amended soil) layer of thickness in the range from 100 mm to 200 mm shall be provided. The clay to be used for construction shall have a coefficient of permeability of 10^{-7}cm/sec (10^{-9} m/sec) or less. At locations where availability of clay is limited, amended soil will be constituted by mixing bentonite or any other suitable clay to locally available soil to achieve the desired permeability. The compacted clay/compacted amended soil layer shall be devoid of clods and shrinkage cracks and achieve the desired strength.



Figure 3: Proposed final cover for Ash Pond

For the final cover, as shown in Figure 3, a minimum gradient 1 in 200m shall be provided. This is needed in view of collection and transportation of water accumulated during the precipitation. The minimum gradient provided will also be helpful to accommodate settling, subsidence, ponding of water or sediment or slurry, if any, occurs in the future. Prior to installation of the final cover system, the impoundment shall be drained of the free water and soil material will be regraded to provide a stable subgrade. The final configuration of the impoundment should meet the stability requirements to prevent the sloughing or movement of the final cover system during the closure and post-closure care period.

3.3 Quality Control of Cover System Construction

An adequate quality assurance programme shall be deployed by Utkal Alumina International Limited during the construction of the cover system. Such a programme shall include but not limited to these aspects:

a) Regular performance of quality assurance tests in the field for each component of the cover system - one set of field and laboratory tests for each soil component per 500 to 1000 cubicmeters of earthwork may be adopted.

b) Complete documentation of all quality control records and their submission to the SPCB/PCC along with statistical analysis showing satisfactory achievement of acceptance criteria.

Chapter-4
Vegetative Cover Systems

4.0 General

Vegetation is the most common and usually the preferred stabilization option after closure of the ash pond. The placement of 450 to 800mm thick layer of clean contaminant free top soil on the regraded closure slopes as deposition ends greatly aids in promoting the growth of vegetation, which in turn effective in prevention of erosion in the due course of time. If a self-perpetuating vegetative cover is established, it not only minimizes the wind and water erosion but also the ash filled area can be returned to some semblance of its original appearance and land use. In favorable climates, revegetation may require only modest effort or may occur by natural process during a reasonably short period of time. However, in arid climates or in harsh environments, establishment of vegetation may be a difficult and costly process and alternative techniques may be explored for vegetative stabilization.

The proposed rehabilitation project of ash pond is located in the Gojiaguda village of Rayagada district in Odisha state. The state is characterized by 4 seasonal variations; pre-monsoon season March – May, monsoon season from June–September, post-monsoon from October-November, and winter from December - February. The south west monsoon brings heavy rainfalls in the monsoon season. The average annual rainfall of last five years is given in Table 4. About 80% of the rainfall received is only during the period from June to September of each year. One of the important steps to achieve dense and self-sustained vegetative growth is by resorting to appropriate seedbed preparation.

Table 4 Average annual rainfall Rayagada region

Sl. No.	Year	January	February	March	April	May	June	July	August	September	October	November	December	Total (mm)
1	2022	66.17	0	0	12.37	98.85	169.22	328.62	419.11	173.12	114.31	11.42	0.11	1393.3
2	2021	0	1.05	0	14.95	50.81	127.85	188.4	217.76	255.89	71.02	48.57	14.95	991.25
3	2020	9.88	23.15	58.05	92.43	47.14	204.02	260.92	244.47	167.18	200.4	7.72	0	1315.36
4	2019	1.22	3.36	11.42	45.37	80.47	72.58	304.85	427.03	237.15	220.62	3.1	0.42	1407.59
5	2018	0	0	0.5	111.16	80.42	221.22	457.9	392.35	153.49	120.04	0.85	61.7	1599.63

Seedbed Preparation: Seedbed preparation is an important step towards setting the stage for establishment of the short-term vegetative community. Initial operations shall include grading, furrowing, or grouping to enhance microclimate and addition of nutrients and soil amendments, if required.

Flora and Fauna: within the project area 7 species in the Schedule-I of the wild life protection act 1972 and 9 species listed in the Schedule-II existed. While a few studies reported eight distinct types of vegetation in that region, depending on the local microclimate, plant density, species association and composition and effect of biotic and edaphic factors. Among which deciduous forests are predominate. Flora is characterized by semiarid to tropical vegetation with phanerophytes (shrubs and trees) being about 50% and therophytes (annuals or herbaceous vegetation) about 30%. Based on this, an option of vegetative cover for rehabilitation could be a group belonging to the shrubs and trees class.

4.1 General Steps for Dense Vegetative Growth

- **Type of plants**: Grasses, wild flowers, shrubs, trees with shallow root penetration are preferable as they do not pose threat to the stability of slopes, but at the same time effectual in mitigating rate of precipitation infiltration.
- Grasses can typically help to stabilize the landfill surface and prevent runoff, but shrubs and trees are selected less frequently because of concerns that the root systems could damage the surface.
- **Stormwater recirculation**: As the stormwater flows out from ash-filled area is potentially nutrient-rich, it may be used for irrigation purposes through recirculation.
- **Plant Species**: although a variety of plant species can be used on a landfill surface, native plants are recommended when possible. Native plants provide a beautiful, hardy, low maintenance, and drought resistant landscape. They can develop into a self-sustaining ecosystem, eliminating the need for fertilizers, pesticides, and water. They are found in the surrounding natural areas will have the most chance of success, require the least maintenance, and are the most cost-effective in the long term.
- **Moisture in soils**: The moisture level must be monitored to avoid compromising the surface layer with saturated soils and must account for the season and volume of annual

rainfall, the type of clay material used in the barrier, and the plant community to be grown.

- **Soil Quality and Treatment**: The greatest cause of failure in revegetation is poor soil quality through factors such as soil compaction. Soil could be amended by incorporating lime or organic material within the top 6 inches of soil from one to several weeks before planting. The final soil surface should be loosely distributed during landscaping and should not be compacted with heavy equipment.
- In order to retain more water within top soil, aids such as compost berms, blankets, and socks can be used. These aids can slow the rate of storm water flow and thereby, help in revegetation and filters the water, improving water quality as it flows off-site.
- **Weed Invasion**: monitor for weed invasion that could limit growth of indigenous plant species.
- **Growth monitoring**: visually identify areas with poor vegetation growth and take respective precautionary measures as and when the needs demands.

Chapter-5

Storm Water Management and Erosion Control Measures

5.0 General

As evident from Figures 1, it is obvious that raisings create new catchment area, which encompasses sloping face surfaces of different raisings, berms, and area over the topmost surface of ash pond. This new area would be created due to the construction of various raisings with time for enhanced volume storage of ash. Perhaps Figure 4 and 5 shows the animation of probable catchment area created because of dyke raisings with time at different RLs. Glance at Table 1 reveals that the new catchment area created is 12.5 acres for Pond for Utkal Alumina, Rayagada ash pond.

Obviously, runoff during every precipitation might get initiated over this newly created catchment area. In absence of appropriate storm water management system, it is likely that the surface runoff might enter into the adjoining facility or premise. Thus, it becomes essential to design an appropriate storm water drainage system (Figure 6a) such that the runoff is safely discharged into the collection pit or diverted into adjoining natural stream. It is also need to ensure that precipitation does not infiltrate into the ash pond and that there is no water logging/ponding occurs on the final cover system of ash pond.

A typical surface water drainage system comprising of channels and drains, as shown in Figure 6a&b, shall be constructed to ensure the following:

a) Rainwater running off slopes above and outside the ash pond area shall be intercepted and channelled to water courses without entering the operational area of the pond. This diversion channel may require a low permeability lining to prevent leakage into the landfill.
b) Rainfall on areas within the ash pond site, but on final covers of phases which have been completed and are not actively being used for ash disposal shall be diverted in drainage channels away from active tipping areas, and directed through a settling pond to remove suspended silt, prior to discharge.
c) Any drainage channels or drains constructed on the restored ash filled surface shall be able to accommodate settlement, resist erosion and cope with localised storm conditions.

d) The horizontal surface of the final cover shall be provided a slope of 1 in 200 m for proper surface water drainage. The slope of the cover on the sides will be higher and governed by slope stability considerations.

e) All Interceptor channels, drainage channels and settling ponds (storm water basins) shall be designed as per the hydrometerological data.

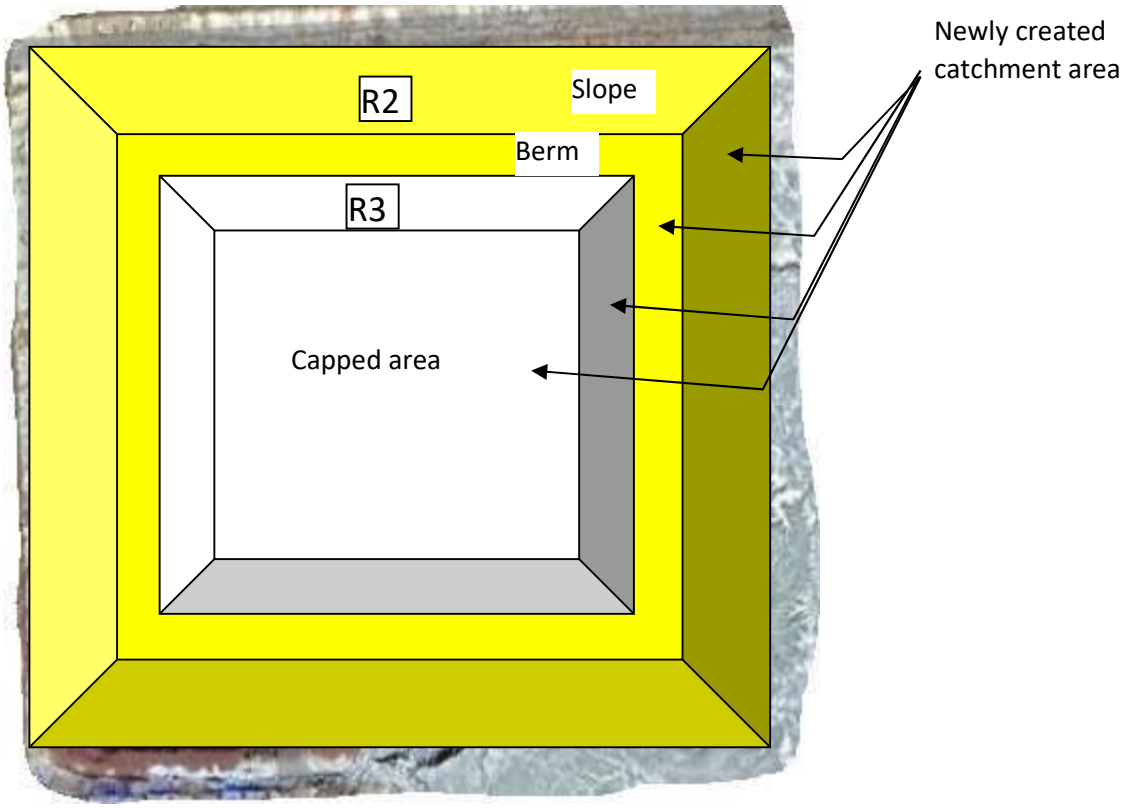
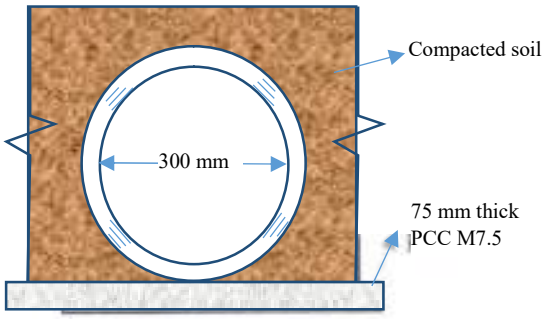


Figure5: Probable catchment area created due to the construction of dyke raisings

300 mm diahume pipe
30 mm thick
So external dia.=300+30+30=360 mm



Detail -D.

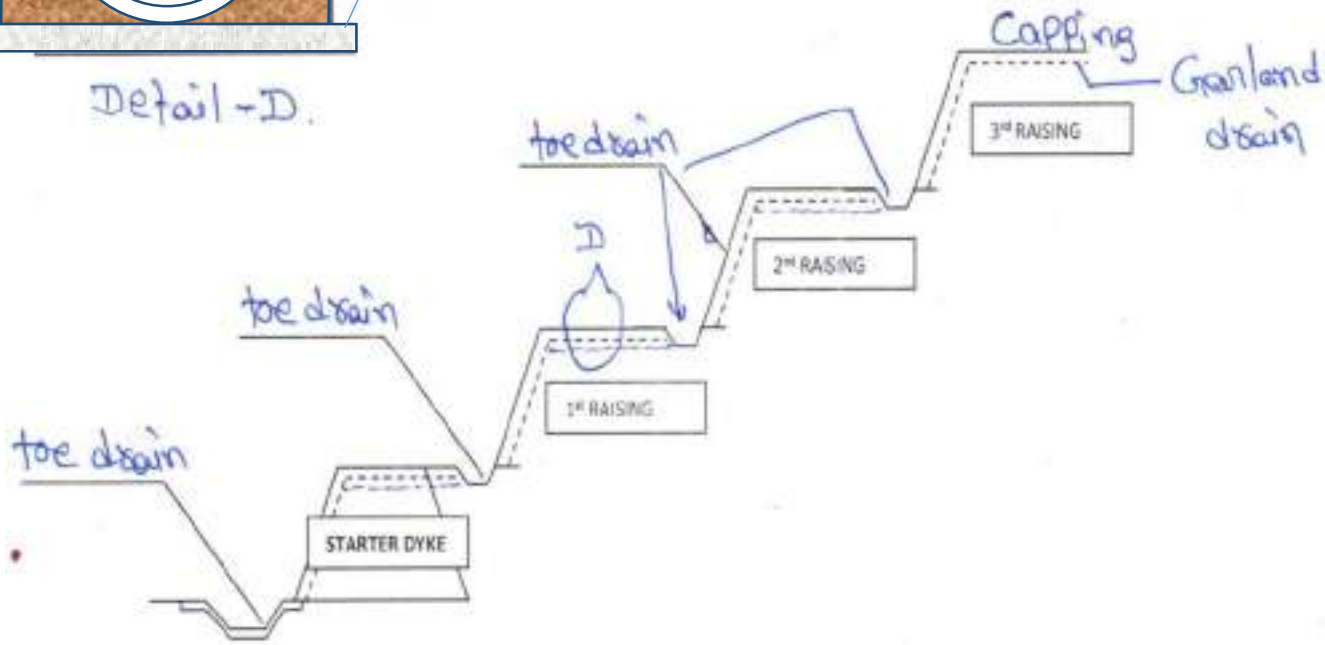


Figure 6(a): Typical arrangement of drainage network for effective management of run-off

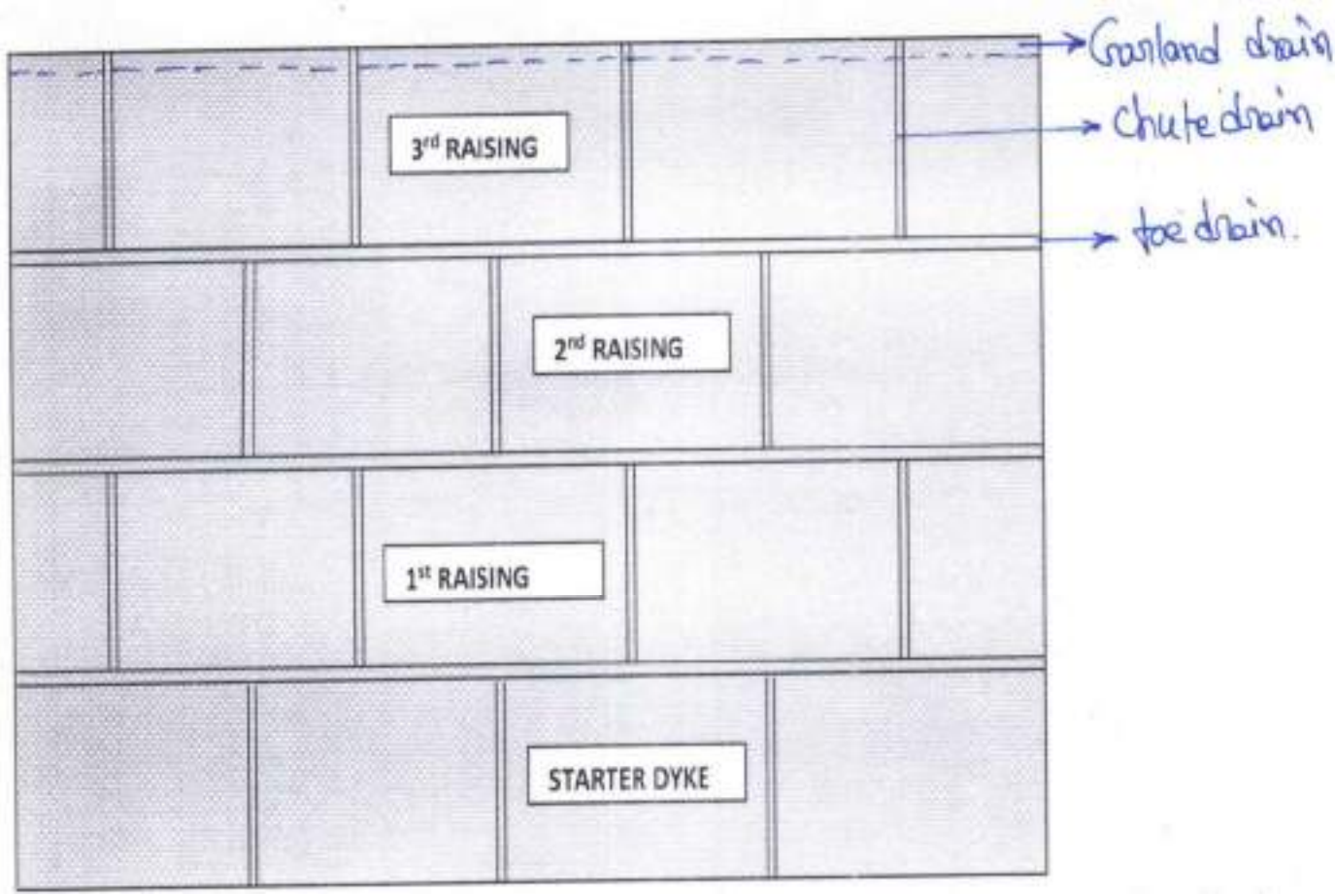


Figure 6(b): Elevation view showing typical arrangement of drainage network for effective management of run-off

5.1 Preparation of final cover area for diversion of storm water

It is a requisite to maintain contour levels decreasing towards outer edge of the pond or final cover system. For this purpose, it is necessary to maintain the entire top surface area of the final cover made for proper contouring. Higher elevation at the middle of the pond area and lower contour levels at outer edge shall be stipulated. This is necessary in view to allow storm water resulted because of precipitation to flow into collection pit or sump without causing trouble to the existing pond surface. Quick draining of rainwater is necessary to minimize the infiltration of it into the ash filled area. The excess infiltration of rainwater might cause development of pore water pressure in the due course of time.

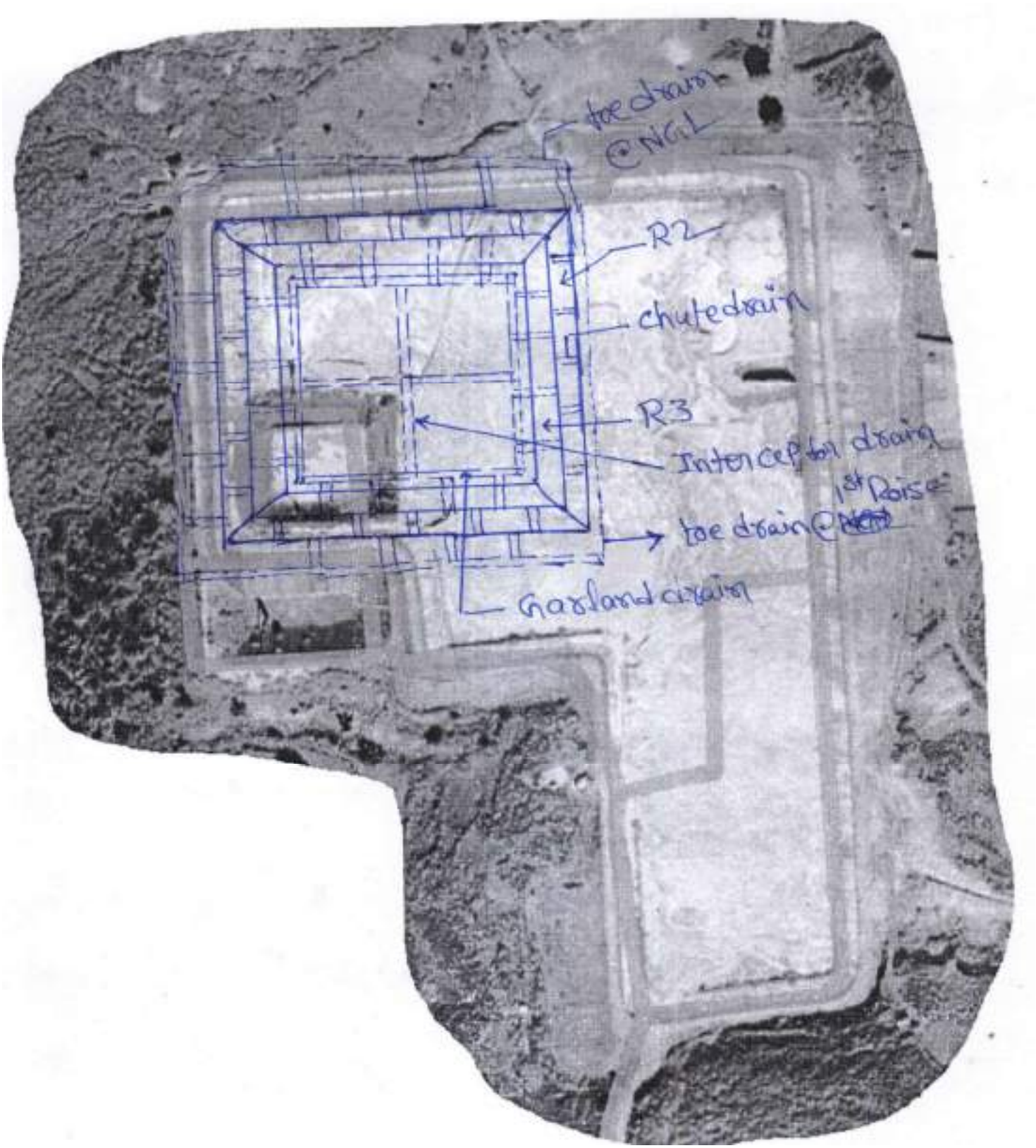


Figure 7: Key plan for diversion of stormwater for pond-1, 2 and dry ash filled are from top to bottom of the pond area

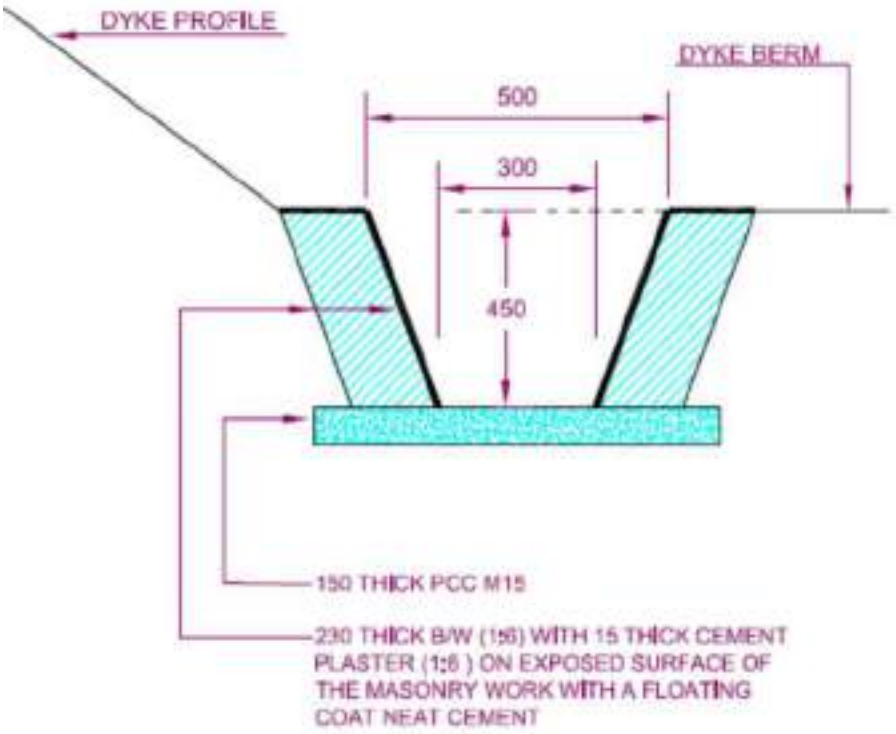


Figure 7(a) Details of toe drain

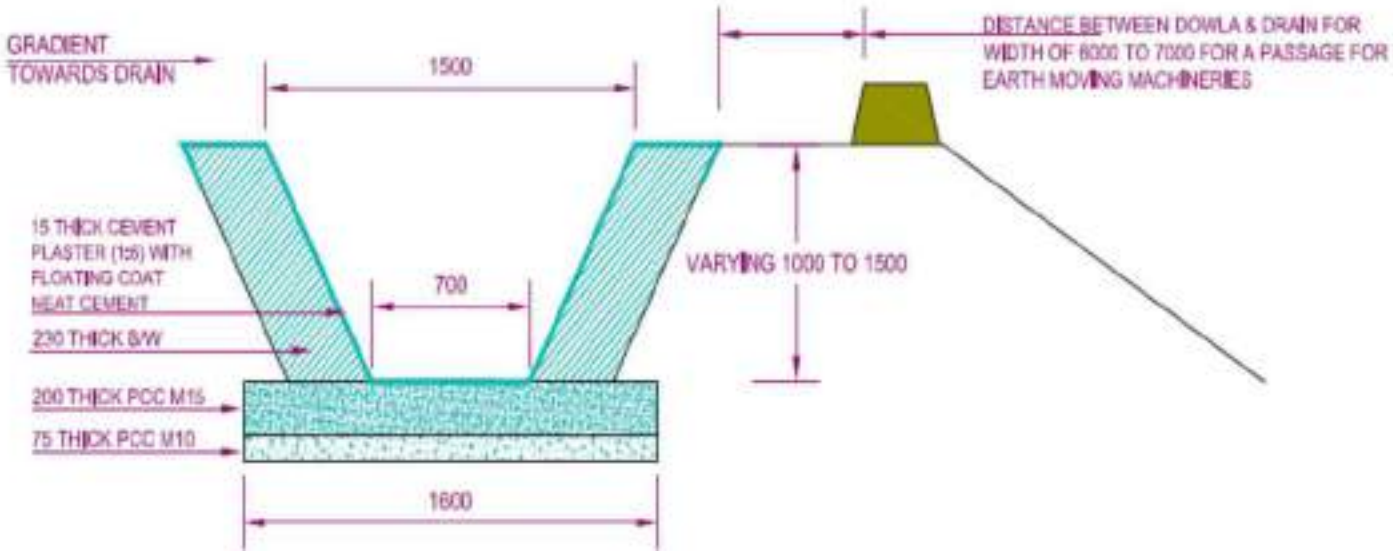


Figure 7(b): Details of garland drain

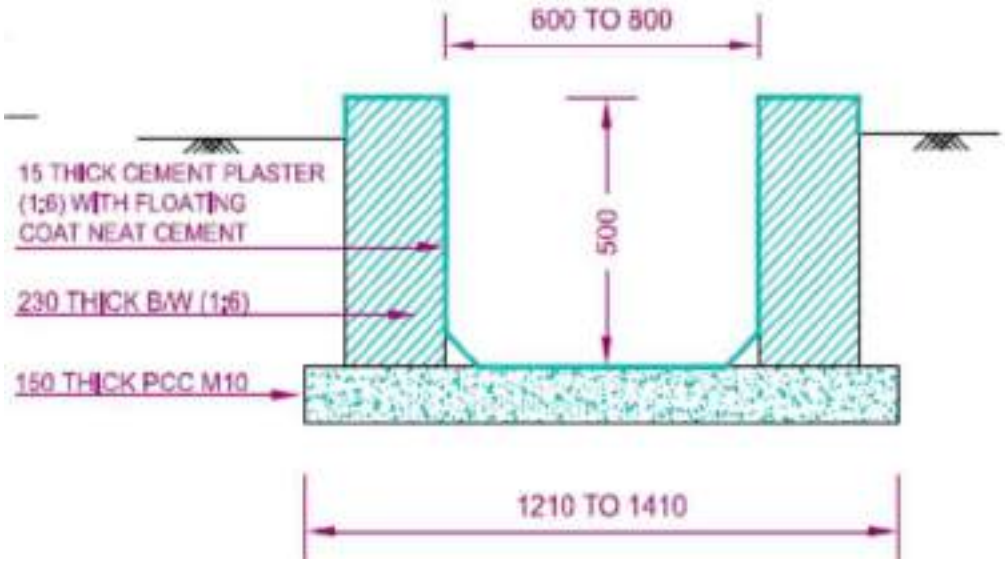


Figure 7(c): Details of chute drain

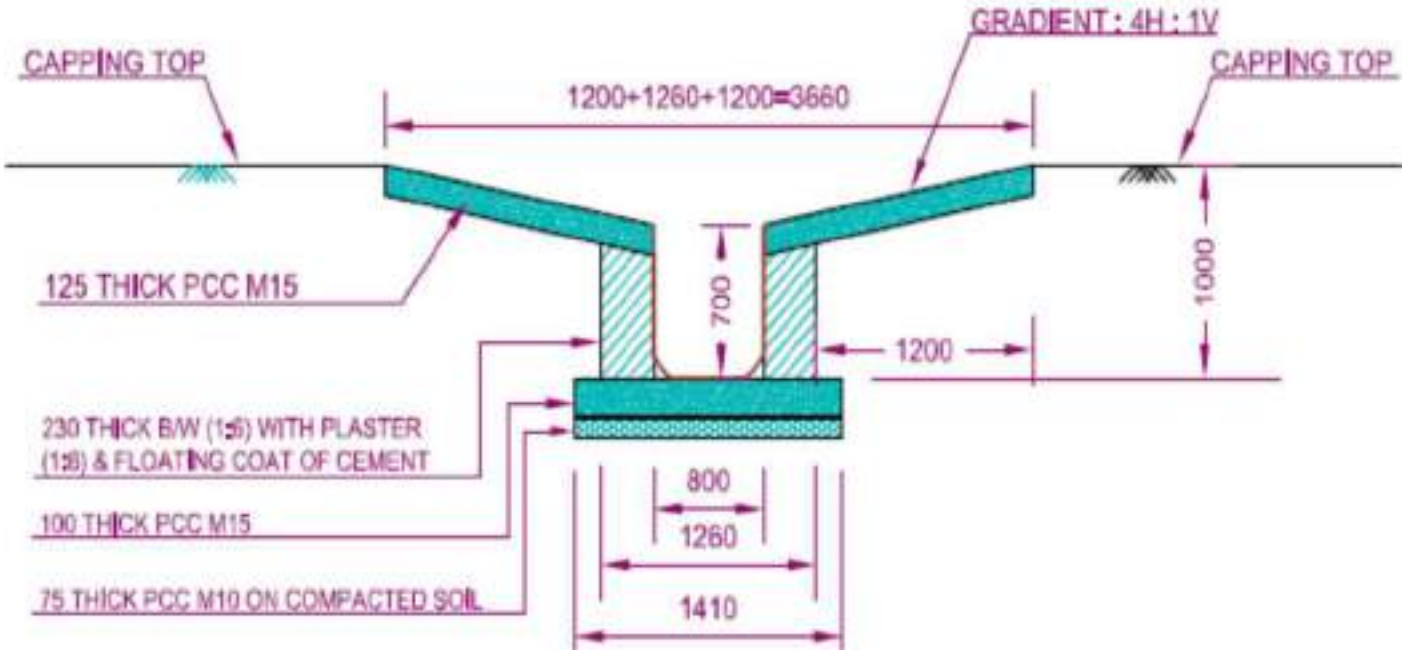


Figure 7(d): Details of Interceptor drain

Based on the above discussion on the necessity of storm water diversion, a scheme for diversion of surface runoff water is shown in Figure7 for Utkal Alumina ash pond area. This figure clearly demonstrates the diversion of surface runoff to a low contour elevation level. Accordingly, after finishing the final cover placement, it shall be re-graded such that all surface runoff water will

get collected at one point. It is also necessary to have peripheral toe drain on top of the pond and its outlet point shall match with that outlet point as shown in Figure8.

5.2 Erosion Control Measures

Erosion of the sloping faces with increase in number of raisings could be a potential problem in the future. As the run-off is high, it can form gullies on the slopes. The progress of gully formation in both width and depth direction can lead to local slope failure by destabilizing, specifically, toe portion of the slope. It is therefore, necessary to check for erosion gullies by visual inspection. The visual inspection shall continue throughout monitoring period and a particular attention to be paid especially after heavy rainfall events. Erosion gullies should not be wider than 5 m and deeper than 100 mm. Upon detection of such gully formations deeper than these specified dimensions, in-fill these gullies with sand bags or crushed waste rock to impede the progression of the gullies. Create drainage channels to transport storm water to selected discharge points where erosion is extreme.

Vegetation is the most common and usually the preferred stabilization option after closure of the ash ponds. The placement of 600 mm thick layer of clean contaminant free top soil on the regraded closure slopes as deposition ends greatly aids in promoting the growth of vegetation, which in turn effectively prevents the erosion in the due course of time, and simultaneously reducing contact of run-off with fly ash. Such measures will benefit in managing the FAP water inventory. This means that runoff gets initiated over the catchment area including sloping faces of different raising levels and area over the topmost surface of ash pond can directly enter into the environment and not necessarily have to channelize to storage at auxiliary facility. Alternative to the clean water could be discharged to the environment, it can be collected for reuse at the plant.

In case if Vedanta wish to slow down the rate of storm water run-off on the steep slopes, the owners can provide compost berms, blankets, and socks. Such provision can reduce the erosion along steep slopes. The compost retains water and thereby, aids in revegetation and filters the water, improves the water quality as it flows off-site.

For the site conditions of Utkal Alumina, Rayagada, coir mats with the following specifications may be adopted for erosion control simultaneously facilitating seedling, germination and growth of vegetation.

Type: Weaved

Mass/unit area: 400 g/m^2

Thickness at 2 kPa: 6.5 mm

Aperture opening size: 19 x 19 mm or 20x16 mm

Chapter-6

Environmental Monitoring System

6.0 General

Utkal Alumina International Limited, Rayagada is carrying out the regular groundwater and surface water monitoring in and around the ash pond areas as per prescribed guidelines. In addition to this, monitoring of ambient air quality is also being carried out at the defined Ambient Air Quality Monitoring Stations (AAQMS) as per CPCB guidelines.

The existing monitoring includes measurement of heavy metals, total dissolved salts and total suspended solids of water samples collected from both surface water and ground water samples from different locations in and around the ash pond site.

The existing ground water monitoring piezo wells, as depicted in Figure 8, will be used for the monitoring of capped ash ponds and location of the same as below-

6.1 Surface Water Flow

Inspect all drainage lines that are meant for surface run-off and establish whether these lines are free draining and have a limited potential for scouring. Make sure that natural surface water flows in and around the ash pond site are unobstructed, and flow channels and volume are unaltered on closure. Such inspection shall be carried out, preferably, before beginning of the rainy season annually. Create drainage channels/lines to drain away impounded water.



Figure 8: Location of existing boreholes for groundwater monitoring and pore solution sample collection for Utkal Alumina ash pond

Chapter-7

Post-Closure Care Plan

7.0 General

After final closure, the Utkal Alumina International Limited at Rayagada must comply with all post-closure requirements including:

1) Maintain the integrity and effectiveness of the final cover, including making repairs to the cap as necessary to correct the effects of settling, subsidence, erosion, or other events.
2) Continue to monitor the leachate seepage coming out from the closed ash pond and removal system until leachate is no longer detected. This can be accomplished by following the guidelines laid down in the section 7.0.
3) Maintain and monitor the leak detection system and comply with all other applicable leak detection system requirements of this part. This shall be accomplished by periodic visual inspection in and around the ash pond area.
4) Maintain and monitor the ground-water monitoring system and comply with all other applicable requirements;
5) Prevent run-on and runoff from eroding or otherwise damaging the final cover; and
6) Protect and maintain surveyed benchmarks

Abbreviations

CCR	Coal Combustion residue
USEPA	United States Environmental Protection Agency
BOQ	Bill of quantity
MoEF	Ministry of Environment and Forestry
CC	Climate change
SPCB	State pollution control board
CPCB	Central pollution control board
HCSD	High concentrated slurry disposal
FAP	Fly ash pond
GPS	Global positioning system
MSW	Municipal solid waste
RCRA	Resource Conservation and Recovery Act
RL	Reduced level
GPR	Ground penetrating radar
CAT	Computerized tomography
IP	Induced polarization
TDR	Time domain reflectometry
AAS	Atomic Absorption Spectrophotometer
ICP-OES	Inductively Coupled Plasma-Optical Emission Spectroscopy

Drawings linked with the final closure report

Si. No	Description of drawing
1.	Elevation of drainage channels network for surface water management
2.	Proposed final cover system with garland drain on top of the Kurebaga ash pond area
3.	Proposed cover system for Ponds-1, 2 and 3 of Kurebaga ash pond
4.	Details of section X-X and Y-Y of the final cover system for Pond-1
5.	Details of section X-X and Y-Y of the final cover system for Pond-2
6.	Details of section X-X and Y-Y of the final cover system for Pond-3
7.	Details of energy dissipator to be constructed in the middle of sloping drain type-E
8.	Detail-A: Steeped energy dissipator on RCC open surface drain on the sloping surface
9.	Expansion joints for drain in capping work - Drain long section showing expansion joint - X-section of drain showing geomembrane at expansion joint to avoid any leakage of water to fill material
10.	Key plan for drains on pond-1, 2 and dry ash filled area of kurebaga
11.	Key plan for drains on pond-3 of kurebaga
12.	Garland drain: typical section of main storm water collecting drain to be installed (Proposed) at top & near the edge of the fill of Kurebaga ash pond
13.	Drainage system on capping of Kurebaga dyke: typical cross section of cup-saucer drain, hume pipe drain and open surface drain on the slope profile
14.	Drainage system on capping of Kurebaga dyke: Stepped energy dissipator on RCC open surface drain on the sloping surface
15.	Drainage system on capping of Kurebaga dyke: decant pond through RCC drain
16.	Drainage system on capping of Kurebaga dyke: typical section of toe drain

ANNEXURE R1/21

ADITYA BIRLA
UTKAL ALUMINA

UAIL/ENV/2023-24/31 December 09, 2023

To,

The Member Secretary
State Pollution Control Board
Paribesh Bhawan, A/118
Nilkantha Nagar, Unit-VIII
Bhubaneshwar-751001

Subject: Compliance Report for conditions imposed in Consent to Operate granted vide order number 15728 dated 06-10-2023.

Dear Sir,

We are enclosing herewith the compliance Report for the conditions imposed in consent to operate granted to Utkal Alumina International Ltd for the month of November - 2023.

This is for your kind information and necessary records please.

Thank you.

Yours faithfully,
For UTKAL ALUMINA INTERNATIONAL LIMITED

11.12.23
Mazharullah Beig
Unit Head & President

Encl: As above

Copy to: Regional Officer, SPCB, Rayagada for kind information & record.

COMPLIANCE REPORT FOR THE CONDITIONS IMPOSED BY ODISHA POLLUTION CONTROL BOARD IN CONSENT TO OPERATE ORDER NO : 15728 dt. 06.10.2023.		
Sl No	**Particulars**	**Compliance Status**
1	The unit shall effectively operate and maintain ESPS connected to boilers Of Captive Power Plant (CPP) ard Alumina Calciner so as to meet the particulate Matter (PM) emission norm specified at Section-B of this order.	ESPs connected to CPP boilers and Calciners are in continous operation alongwith the boiler and calciner. The maintenance is being carried out regularly. All the stacks are connected to the rtdas system for continoues online monitoring. Apart from this, manual monitoring of the stacks are carriedout by NABL accredited laboratory weekly once.
2	Air pollution control equipment such as ESP and ancillary equipment shall be retrofitted to achieve emission standard of particulate matter (PM). Sulphur Dioxide (SO,) and Oxides of Nitrogen (NOX) 50 mg/Nrn'. 600 mg/Nrn3 and 450 mg/Nm2 respective*. The unit shall have provision of one spare field in ESP and if more than one field of ESP fails. then the plant shall trip automatically through an interlocking system. A proposal to this effected shall be submitted within a month.	We do have the ESP facility to control PM, NoX and we have taken permission to install FGD and the same will be provided within the time line. We have already one Spare Standby field in our existing design of ESP, and with regard to Unit trip if more than one field of ESP failed we are in consultation with the OEM for providing interlocking system. The result of the recommendation from the OEM will be intimated to the board at the earliest.
3	The dust extraction suppression systems in bauxite. lime, coal and alumina handling areas and raitway siding shall be maintained and operated properly for control Of fugitive dust emission	There is sufficient adequate dust extraction and suppression system installed in all the areas. Maintenance of the same is being carries out periodically as per requirement. The detail of the complete system is attached as Annexure-1.
4	The unit shall provide bag filter Of adequate capacity to control fugitive emission in the bauxite crushing unit, grinding unit and coal crusher and coal bunker.	The unit has provided bag filter of adequate size at bauxite crushing unit, grinding unit, coal crusher area and coal bunker area. Detail of the bagfilters are attached in Annexure-1.
5	The industry shall explore the possibitity to install XRS coal pulveriser (suction based) to minimize fugitive dust emission in coal grinding area in boiler house,	HPMS (High Performance Milling System) coal pulveriser (suction based) was installed to minimize fugitive dust emission in coal grinding area in boiler house. The capacity of the pulveriser is 30 TPH.
6	The unit shall take preventive steps to operate all the installed dust suppression / extraction system so that the ambient air quality inside the factory premises shall conform to the National Ambient Air Quality standard.	All the dust suppression and extraction system installed inside the plant premises has preventive maintenance schedule and the same is being followed for all the eqeuipments.
7	All the intemal and approach roads shall be blacktopped / concreted expeditiously to control fugitive emission,	All the internal roads have been black topped/concreted to control fugitive emission. Mechanised sweep machine,fog cannon, mobile water sprinklers have also been deployed to control fugitive emission.
8	Mobile tankers shall be provided to sprinkle water on roads and other dust generating points.	2 numbers of mobile water sprinling system with capacity of 10000 Ltr deployed inside the plant to sprinkle water on road.
9	Good housekeeping practices shall be followed to improve the work environment. All roads and shop floors shall be cleaned regularly. The industry shall deploy mechanized road sweeping system for cleaning internal roads.	We follow 5s system of the housekeeping sytem for housekeeping for improvement of work environment and shop floors are cleaned on daily basis by dediecated team deployed for th epurpose.We have deployed mechanised mechanised swweep machine for cleaning of internal road of following capcity.
10	Bauxite shall be transported through tippers and covered conveyor With appropriate air pollution control measure at transfer points to control fugitive emission.	Bauxite is being transported through a 18.1 KM long distance covered conveyor (LDC) system from Baphlimali Bauxite Mines. All the transfer points has been equipped with dust suppression system to control fugitive dust emission. Plantation is being carried out every year along both side off the LDC corridor to check the spread of the dust emission.
11	Separate energy meter shall be installed for all the pollution control equipments and the records shall be maintained for verification Of the Board from time to time.	Separate energy meters have been installed for ESPs of C.F.Boilers & Calciners. Record of the enery meter is being maintained.
12	pneumatic conveyor System shall be provided as dust collection system for ESP dust. Silos shall be provided for collection of bottom ash and fly ash. Conveyor belt shall be closed and bag filter shall be provided at transfer points of conveyor system to control fugitive emission.	Pneumatic conveyor system is provided as dust collection system for ESP dust. Silos are provided for collection of bottom ash and fly ash. Further, closed conveyor and bag filters are provided at transfer points of conveyor system to control fugitive emission.
13	Online continuous monitoring system with recording facilities shall be installed at stacks different units for various critical pollutants and shall be hooked to SPCB server for real time data recording	Continuous emission monitoring system (CEMS) is installed at the stacks of both C.F. Boilers and Calciners. Further, RT-DAS system has also been installed for data transmission to both OSPCB & CPCB. Real time data of Particulate Matter (PM), SOx, NOx of CPP and PM of calciner is being transmitted to OSPCB & CPCB.
14	At least 4 continuous ambient air quality monitoring stations around the industry shall be set up to monitor PM,o, SO.. NOX. CO and Other important parameters (as given in annexure) within at least to the distance in down Wind direction where maximum ground level concentration is anticipated	4 nos of real time continuous ambient air quality monitoring stations have been provided to monitor PM10, PM2.5, SO2, NO2 & CO as per prescribed standard and the data is being transmitted to OSPCB through RT DAS.
15	The industry shall ensure proper calibration. functioning, connectivity and real time data transmission of all CEMS and CA-AQMS to SPCB and CPCB server. A status report to this effect shall be submitted within 7 days from the date Of issue Of this consent order.	We are ensuring calibration, functioning and connectivity and real time data transmission to OSPCB server. Calibration of all equiment is being carried out quarterly as per the recommendation of OEM.Status report submitted to board on 22.03.2023 letter no UAIL/ENV/2022-23/32.
16	Air pollution control devices shall be maintained property. Fabric bags and cages in bag house shall be checked regularly and replaced whenever required Adequate availability Of spares shall be ensured for immediate replacement.	Air pollution device are maintained as per SOP. Fabric bags and cages are checked regularly in bag house and replaces as per requirement. We aea ensuring availability of spare of all the APC equipments to ensure immediate replacemnet.
17	Desulphurization of flue gas at thermal power plant if and when asked for shall be adopted by the industry. Therefore. in future, for such installation adequate space shall be earmarked at the stage.	As per the letter No. 779/IND-IICON(M) 56 dt. 19.01.2021 of the Board, the project peoponent has submitted the status of installation of FGD vide letter dated 02.02.2021. CTE granted by OSPCB on 29-08-2022.
18	The industry shall provide fixed water sprinkling arrangement to prevent fugitive emission at dry surface of ash and red mud disposal area.	High Concentration Slurry Disposal (HCSD) technology is adopted for disposal of both Red Mud & Fly Ash. In order to keep the surface wet, multiple disposal points have been provided at the Ash Pond and fixed/moveable water sprinklera are being provided at red mud disposal area including water tankers.
19	A part of ash generated shall also be utilized for filling of low-lying areas within the plant premises and township area and shall also be used in a phased manner as per provisions of the notification on Fly Ash Utilization issued by the Ministry of Environment and Forest. Govt. of India.	Utilization of ash generated is being done as per the notification issued by the Ministry of Environment and Forest. Govt. of India. Currently utlization of fly ash is being done in NHAI road project, Brick manufacturing unit and Cement industires.
20	Massive plantation programme shall be taken up and thick green belt shall be developed With native species	Greenbelt has been developed around plant premises, railway corridor, red mud pond, ash pond, infrastructural areas by planting in 343 (32 %) Ha out of 353(33%) hectares of land. It's continuing to complete target of 33 %.
21	There shall be no discharge of process effluent to outside the plant premises. Extensive measures shall be undertaken for effective collection Of water. its treatment, reuse and recycling. The domestic wastewater from canteen. colony and other sources shall be treated in the Sewage Treatment Plant (STP) and treated wastewater conforming to the standard shall be reused for green belt development.	The plant operates on a Zero Discharge philosophy except in monsoon. All the process effluents are alkaline in nature and it is being collected in caustic pond of capacity 17000 m3 through a dedicated RCC drainage system. All this process water is fully recycled and used in the process there by reducing fresh water consumption. Domestic waste water of plant, canteen and other sources is being treated in STPs provied in palnt and township and the treated water is being used for green belt development.

22	The industry shall adopt High Concentration Slurry Disposal (HCSD) System for disposal of bottom ash. fry ash red mud. Measures shall be taken to strengthen the embankments in order to provide greater safety and stability. Decanted water from the ash pond and red mud pond shall be completely recirculated and there shall not be any discharge.	High Concentration Slurry Disposal (HCSD) technology has been adopted for disposal of fly ash and red mud. Embankments are being maintained to provide greater safety and stability.The stability of both red mud and ash pond is being evaluated by IIT bhubaneswar yearly. The decant water from red mud is completely recycled and reused in washing unit. At any stage, there is no discharge from red mud pond or ash pond.
23	Both guard pond and caustic pond shall be constructed by providing HDPE lining of thickness 1.5 mm in order to prevent ground water contamination	Both guard pond and caustic pond has been provided with HDPE lining of thickness 1.5 mm in order to prevent ground water contamination
24	Caustic level in red mud is about 10 gpl, The industry shall take precautionary measures to prevent seepage/ leakage and overflow of caustic level from red mud pond and pipeline to avoid contamination Of nearby water bodies.	The entire RMP is divided into 4 parts. Such as Pond A, Pond B, Pond C, & Pond D. Out of which Pond A & B is meant for Mud Storage and Pond C & D are meant to store return water collected from the Mud Storage Pond (Pond A & B). At present Pond B (Mud Storage Dam) and Pond C (Return Water Dam) is in line and D is used for storage of fresh water. The 1/3rd of the Pond A Mud Storage Dam (Wet Zone) is lined with Clay along with 1.5 mm thick single layer HDPE liner. The other 2/3rd of the Pond A Mud Storage Dam (Dry Zone) is lined with clay liner. The Pond-C (Return Water Dam) is fully lined with Clay along with 1.5 mm thick single layer HDPE liner.
25	In case Of any ground water contamination Observed in and around Alumina Refinery and red mud pond. the industry shall remediate the same,	We are monitoring ground water at 6 locations (core and buffer zone) of the surrounding area by an NBAL acrredited lab. All the resutls were reviewed to find out contamination.
26	The Ground Water quality shall be monitored quarterly around the red mud and ash ponds by providing piezorneteric holes and the analysis report shall be submitted to the Board.	Piezometric holes around red mud pond and ash pond have been provided.The monitored data are being submitted to the Board every month. The analysis report is attached for reference.
27	The industry may increase the height of the ash pond and rend mud pond by proper design. carrying cut safety and stability of ponds and after obtaining necessary clearance from competent authorities.	The height of the dyke wall of the Red mud pond has been raised by providing Gabion wall. The design was provided by MACCAFERRI, Italy. The same has been communicated to the board vide our letter No UAIL/ENV/2016-17/122 dated 08-07-2016
28	A minimum free board Of 1.5 m shall be kept to prevent any chances Of overtopping Of the dyke Of red mud pond, even during rainy season.	Free board more than 1.5m has been kept to prevent any chances of overtopping of the dyke, even during rainy season.
29	The internal and external slopes Of the dykes With stone rip rap. turfing. etc. shall be adequately protected to take care of erosion due to wave action. rain cuts	The internal and external slopes of the dykes with stone rip rap, turfing, etc. has been provided to take care of erosion due to wave action, rain cuts.
30	The surface run-off from ash pond area during monsoon shall be properly treated to meet prescribed standard for in-land surface water. Regular inspection Of the dykes shall be carried out with respect to presence of cracks, rat holes. etc.. Any sign Of foundation having sink holes, etc Developments of any wet area or seepage and flow on the slope or on the foundation surface near the toe of the dyke.	Ponding system with check dams has been provided to treat the surface run-off from ash pond area during monsoon to meet prescribed standard for in-land surface water.Regular inspection of the same is being carried and any unsafe condition, if detected, is being rectified immediately.
31	The overflow from the ash pond and rend mud pond if any or seepage water if any shall be completely recycled and in no case shall be allowed to be discharged to outside and nearby Bad river and San River. The collection facility shall be developed for surface run off from ash pond during rain and the same shall be recycled after treatment.	There is no overflow from the ash pond at any stage. Collection facility for surface run off from ash pond & red mud pond during rainy season has been provided. 100% water of red mud pond is being recycled in the same process.
32	The cooling water systems shall be closed type. The tower blow down shall be reused for service water fire water / dust suppression / ash moistening I green bett development to the maximum extent possible.	Closed cooling water system has been provided by the unit. Provision has been made to reuse the tower blow down for service water like fire water/dust suppression/ash moistening/green belt development to the maximum extent possible.
33	Effluent from workshop shall be treated in oil & grease trap cum sedimentation tank and shall be reused	Most of the machinery are run by electricity hence there is no generation of effluent from work shop. However, It is envisaged that 20-30 Litres of oil will be generated from workshop tools per annum which will be collected in closed drums and sold as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
34	Continuous online monitoring system both in the Storm water drain and effluent drain at the appropriate place shoubd be installed.	Online pH meters have been installed in the drains leading to Guard pond where the storm water is collected. The same is connected with CPCB server.
35	There shall not be any dumping of alkaline sludge near storm water drains or garland drains Of red mud pond to prevent contamination Of run Off during monsoon. All the surface runoff generated from plant facilities shall be collected in a centralized collection system and the settled wa+D32:F38ter may be discharged only during monsoon or heavy rains after ensuring adherence to specified standards prescribed for inland surface water. The storm water drains shall be maintained separate so that does not mix up with effluent drains.	No alkaline sludge is dumped near storm water drains or garland drains of red mud pond. A network of drainage system of length of 21 km of size 1m depth X 1 m Width has been provided to collect storm water and divert to guard pond (13243m3). This water is pumped to Caustic pond (25,905 m3) and re used in system. Similarly, in the CPP, the blow down water from the Boilers and the Cooling Towers along with the DM Plant wastewater are collected in a Holding Pond having capacity of 10,000 M3 after sedimentation and neutralization. This water is also entirely reused for sprinkling in CHP, AHP, Roads and Ash conditioning. Four nos of settling ponds near Bauxite handling area of capacity 10000 m3 has been provided to collect and treat surface runoff
36	The industry shall explore the avenue to achieve 50% utilization Of red mud in 5 years i.e. progressively 10% per year.	We have requested the Board vide our letter No. UAIL/ENV/2021-22/01 dated 15.04.2021 to amend the condition considering remote location and existance of no scope utilization. At present we are explroing poossibility of red mud utilization for road construction, BMU, and mine backfilling in collaboration with NHAI, IIT-Mumbai, CRRI and NEERI. Al the projects are in pilot stage after successful completion of the project red mud utilization will incerease.
37	The wastewater generated from leakages, blow downs and DM plant shall be treated individually and stored in the guard pond for utilization for plantation, dust suppression ash handling and green bett purpose inside the factory premises. Lining shall be provided in guard pond to prevent any seepage into ground to avoid ground water contamination.	Waste water generated from cooling tower blow down, boiler blow down & DM plant is collected in holding pond near CPP of capacity of 10000 m3. This water is being reused in Ash handling plant and water sprinkling at coal storage area. RCC Lining has been provided in holding pond to prevent any seepage into ground to avoid ground water contamination.
38	Oil catch pits / skimmer shall be provided in oil handling area of power plant for collection of spillage.	Oil catch pits provided in oil handling/storage area of power plant for collection of spillage if any.
39	Separate water meters With necessary pipe line for assessing the quantity Of water used for each Of the purposes mentioned as a) industrial cooling. b) boiler feed.c) domestic purpose d) process shall be installed.	Separate water meters are provided for assessing the quantity Of water used for a) industrial cooling. b) boiler feed.c) domestic purpose d) process and the records for the same is being maintained
40	A garland drain around the red mud pond shall be provided. Under no circumstances, garland drain water should be contaminated with wastewater of red mud pond	A garland drain around the red mud pond has been provided and the garland pond water is being pumped into pond-C (SNL Pond). No contamination of garland drain with waste water of red mud pond is allowed.
41	A garland drain of adequate size shall be constructed around the refinery plant outside the boundary wall so that rainwater from the hill slope can be prevented from entering the refinery premises.	Garland drain of adequate size has been constructed around the refinery plant outside the boundary wall to stream line the rainwater from the hill slope.
42	Slope stability of dry red mud stack shall be monitored by adopting appropriate methods in consultation with any Institute of repute.	Stability of Dry red mud stack facility is being monitored by IIT Bhubaneswar annually.
43	The unit shall have valid authorization under Hazardous Waste Management, Transboundary Movement Rules. 2016 and as amended thereof and shall comply with all the conditions thereof	Hazardous Waste Authorization has been obtained vide Authorization No.IND-IV-HW-931/9663 dated 14-07-2021 which is valid upto 31-03-2026.
44	The industry shall prepare an onsite and Offsite emergency and management plan and get it approved by the competent authority and copies of the same shall be submitted to the Board.	Onsite and Offsite emergency and management plan has been prepared and approved by Directorate of Factories & Boilers, Odisha.
45	The recovered vanadium if any shall be stored in a covered area before it is sold to outside parties	Not applicable as currently there is no generation of vanadium sludge.

46	The maximum permissible sound pressure level for DG set shall be 75 dB(A) at I meter from enclosure surface,	The noise level of the DG set from 1 meter from enclosure surface was monitored and the result is within the limit.
47	The height of the stack connected to DG sets shall conform to the following i) $14Q^{0.3}$. Q= Total S02 emission from the plant in kg/hr ii) Height needed for combined capacity of all installed DG sets put together and should be more than the highest building height. iii) Minimum 6 m. above the building where generator set is installed. iv) 30m.	The chimney heigh of the DG set t is 41 meter from the ground complying the norms stipulated.
48	Lube oil from diesel generator shall be disposed to authorized waste oil recycler	Lube oil generated from diesel generator is being disposed to authorized waste oil recycler as per standard.
49	The stack emission quality shall be monitored through authorized agency Who are authorized in the E(P) Rule. 1986 to carry out certification of the DG sets and report shall be submitted on annual basis, The monitoring method shall be done in accordance to the provision recommended in the E(P) Rule. 1986.	The DG set stack emission quantity is monitored through NABL accrdited authorized agency. The monitoring report is attached as Annexure-2.
50	A separate Environmental Management Cell with adequate laboratory facility and suitably qualified people shall be set up to carry out various functions related to environment management	An independent environment management cell has been established by the unit to carry out various function of environment management. We have a independent laboratory set up which is NABL accredited where various test related to environment managemen tis being carried out.
51	The industry shall abide by the provisions Of Environment (Protection) Act. 1986 and Rules framed thereunder	All the provisions Of Environment (Protection) Act. 1986 and Rules framed thereunder are being followed in the unit
52	An action plan with time limit for installation of red mud filtration shall be submitted by the industry,	The same has been submitted vide our letter No. UAIL/ENV/2016-17/118 dated 23-06-2016 and presently red mud filtration system is in operation.
53	A time bound action plan shall be submitted for the following jobs: i)The coal handling area near feed hopper shall be maintained with regard to housekeeping by regular cleaning Of spilled coal ii) The surface run-off management facility Of the factory premises shall be revisited to provide site specific settling ponds I guard ponds as per the contour Of the premises iii)A settling pond shall be provided to collect the runoff water during rain. near to chicken neck bridge towards power plant near to Conveyor 5A. in order to prevent direct discharge of runoff water to the adjacent nallah crossing the factory premises. iv)As the noise level is monitored to be exceeding the prescribed standard for residential area on day time, action shall be taken to reduce the noise level from the process plant in the vicinity.	i) Housekeeping of the coal handling area near feed area is being done regularly maintained by cleaning of spilled coal. Dedicated housekeeping staff comprising 12 members are deployed for spill management. In addition to these 16 no's of sprinklers are installed in coal yard area storage area and 04 no's of sprinklers in unloading area. ii) As per our inhouse assessment, the surface runoff management facility of the plant with the existing drainage and guard pond system is adequate as per the existing operation and requirements. Further, we are in the process of auditing the surface-runoff management facility f the plant in consultation with some reputed consultants/agencies. As soon as the report is completed, we will initiate immediate actions at site, if any. iii) The Unit has already installed one settling pit in the upstream side of the chicken-neck bridge runoff water drain and we are in the process of constructing another settling pit nearer to the discharge of the nallah. The work completion schedule is little stretched due to the ongoing monsoon season. We will complete it as soon as the rain subsides.
54	Environmental Statement shall be submitted in the prescribed format every year to the Board.	Environment Statement for each financial year is being submitted annually to SPCB. The latest Environment Statement for FY 2022-23 was submitted to SPCB & MoEF&CC on 26-09-2023 & uploaded in the Company Website.
55	This consent to operate is granted subject to outcome of court case in W.p. No. 5697 Of 2007 pending in the Honble High Court Of Odisha.	The said W. P. stand was dismissed vide order no. sl. 04 dt. 18.12.2018 as withdrawn being infructuous. Hence complied.
56	The unit shall not disturb the streams flowing adjacent to it and flowing within the plant premises.	We are not disturbing any flow of any stream flowing adjecent or within the plant premises.
Sl No	**Particulars**	**Compliance Status**
	D. GENERAL CONDITIONS FOR ALL UNITS	
1	The consent is given by the Board in consideration of the particulars given in the application. Any change or alternation or deviation made in actual practice from the particulars furnished in the application will also be the ground liable for review/variation/revocation of the consent order under section 27 of the Act of Water (Prevention & Control of Pollution) Act, 1974 and section 21 of Air (Prevention & Control of Pollution) Act, 1981 and to make such variations as deemed fit for the purpose of the Acts.	Agreed
2	The occupier would immediately submit revised application for consent to operate to this Board in the event of any change in the quantity and quality of raw material / and products / manufacturing process or quantity /quality of the effluent rate of emission / air pollution control equipment / system etc.	Being followed.
3	The applicant shall not change or alter either the quality or quantity or the rate of discharge or temperature or the route of discharge without the previous written permission of the Board.	Being followed.
4	The application shall comply with and carry out the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. In case of non-compliance of any order/directives issued at any time and/or violation of the terms and conditions of this consent order, the applicant shall be liable for legal action as per the provisions of the Law/Act.	Being followed.
5	The applicant shall make an application for grant of fresh consent at least 90 days before the date of expiry of this consent order.	Being followed.
6	The issuance of this consent does not convey any property right in either real or personal property or any exclusive privileges nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State laws or regulation.	Noted.
7	This consent does not authorize or approve the construction of any physical structure or facilities or the undertaking of any work in any natural water course.	Agreed
8	The applicant shall display this consent granted to him in a prominent place for perusal of the public and inspecting officers of this Board.	Display of the consent granted is displayed at our main gate Digital Diplay board.
9	An inspection book shall be opened and made available to Board's Officers during the visit to the factory.	Agreed
10	The applicant shall furnish to the visiting officer of the Board any information regarding the construction, installation or operation of the plant or of effluent treatment system / air pollution control system / stack monitoring system any other particulars as may be pertinent to preventing and controlling pollution of Water / Air.	Agreed
11	The applicant shall display suitable caution board at the place where the effluent is entering into any water-body or any other place to be indicated by the Board, indicating therein that the area into which the effluents are being discharged is not fit for the domestic use/bathing.	Not Applicable
12	Storm water shall not be allowed to mix with the trade and/or domestic effluent on the upstream of the terminal manholes where the flow measuring devices will be installed.	Storm water is not being allowed to mix with the trade and /or domestic effluent as separate drain provision has been provided as process water and storm water drain

13	The applicant shall maintain good house-keeping both within the factory and the premises. All pipes. valves, sewers and drains shall be leak- proof. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas.	Regular house keeping of the plant and premises are in place to improve work environment. Floor washing water is being collected in the sump pit provided at respective areas and routed to circuit for recycle
14	The applicant shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems install or used by him to achieve with the term(s) and conditions of the consent.	Being followed.
15	Care should be taken to keep the anaerobic lagoons. if any, biologically active and not utilized as mere stagnation ponds. The anaerobic lagoons should be fed with the required nutrients for effective digestion. Lagoons should be constructed with sides and bottom made impervious.	Not Applicable
16	The utilization of treated effluent on factory's own land, if any, should be completed and there should be no possibility of the effluent gaining access into any drainage channel or other water courses either directly or by overflow.	We are not allowing eflfuent gainging access into any drainage channel or other weater course. All treaed water is being resued inside the plant premises.
17	The effluent disposal on land, if any, should be done without creating any nuisance to the surroundings or inundation of the lands at any time.	Not Applicable
18	If at any time the disposal of treated effluent on land becomes incomplete or unsatisfactory or create any problem or becomes a matter of dispute, the industry must adopt alternate satisfactory treatment and disposal measures.	The process estalished by law is being followed for dispoasal of effuent on land. We are folowing applicable guideline stipulated by various statutory bodies.
19	The sludge from treatment units shall be dried in sludge drying beds and the drained liquid shall be taken to equalization tank.	Being followed.
20	The effluent treatment units and disposal measures shall become operative at the time of commencement of production.	Being followed.
21	The applicant shall provide port holes for sampling the emissions and access platform for carrying out stack sampling and provide electrical outlet points and other arrangements for chimneys/stacks and other sources of emissions so as to collect samples of emission by the Board or the applicant at any time in accordance with the provision of the Act or Rules made therein.	Port hole and platform at suitable location with man-ladder has been provided at the stack attached to C.F.Boilers and Calciners to conduct stack emission monitoring.
22	The applicant shall provide all facilities and render required assistance to the Board staff for collection of samples / stack monitoring/ *inspection*	Being followed.
23	The applicant shall not change or alter either the quality or quantity or rate of emission or install, replace or alter the air pollution control equipment or change the raw material or manufacturing process resulting in any change in quality and/or quantity of emissions, without the previous written permission of the Board.	Being followed.
24	No control equipments or chimney shall be altered or replaced or as the case may be erected or re-erected except with the previous approval of the Board.	Being followed.
25	The liquid effluent arising out of the operation of the air pollution control equipment shall be treated in the manner and to ion of standards prescribed by the Board in accordance with the provisions of Water (Prevention and Control of Pollution) Act, 1974 (as amended).	Being followed.
26	In case of such episodal discharge/emissions the industry shall take immediate action to bring down the emission within the limits prescribed by the Board in conditions/stop the operation of the plant. Report of such accidental discharge /emission shall be brought to the notice of the Board within 24 hours of occurrence.	Being followed.
27	The applicant shall keep the premises of the industrial plant and air pollution control equipments clean and make all hoods, pipes, valves, stacks/chimneys leak proof. The air pollution control equipments, location, inspection chambers, sampling port holes shall be made easily accessible at all times.	We are maintaining the plant premises and the air pollution control equipments in good condition and all hoods, pipes, valves stcks/chimneys are leak proof. The air pollution control equipments, location, inspection chambers, sampling port holes are easily assessible with proper approch like staircase, ladders.
28	Any upset condition in any of the plant/plants of the factory which is likely to result in increased effluent discharge/emission of air pollutants and / or result in violation of the standards mentioned above shall be reported to the Headquarters and Regional Office of the Board by E-mail with in 2 hours of its occurance.	We will do as on required
29	The occupier has to ensure that minimum three varieties of trees are planted at the density of not less than 1000 trees per acre. The trees may be planted along boundaries of the industries or industrial premises. This plantation is stipulated over and above the bulk plantation of trees in that area.	We have undertaken plantation activity in and aorund the plant area along the boundary wall as per the stipulated parameter of density not less than 1000 trees per acre. The no of species selected for plantation activity are of 28 native variety species with inhouse nursey facility to develop the saplings.
30	The solid waste such as sweeping, wastage packages, empty containers residues, sludge including that from air pollution control equipments collected within the premises of the industrial plants shall be disposed off scientifically to the satisfaction of the Board.	Being followed.
31	All solid wastes arising in the premises shall be properly classified and disposed off to the satisfaction of the Board by : i) Land fill in case of inert material, care being taken to ensure that the material does not give rise to leachate which may percolate into ground water or carried away with storm run-off. ii) Controlled incineration, wherever possible in case of combustible organic material. iii) Composting, in case of bio-degradable material.	Red Mud and Fly ash is being disposed off in Red Mud Pond (RMP) and Ash Pond respectively. Lime grits are being supplied to Brick Manufacturing and rest is disposed off in RMP.
32	Any toxic material shall be detoxicated if possible, otherwise be sealed in steel drums and buried in protected areas after obtaining approval of this Board in writing. The detoxication or sealing and burying shall be carried out in the presence of Board's authorized persons only. Letter of authorization shall be obtained for handling and disposal of hazardous wastes.	Not Applicable
33	If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above requires variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard, vary all or any of such condition and thereupon the applicant shall be bound to comply with the conditions so varied.	Agreed

34	The applicant, his/heirs/legal representatives or assignees shall have no claim whatsoever to the condition or renewal of this consent after the expiry period of this consent.	Agreed
35	The Board reserves the right to review, impose additional conditions or condition, revoke change or alter the terms and conditions of this consent.	Agreed
36	Notwithstanding anything contained in this conditional letter of consent, the Board hereby reserves to it the right and power under section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the Act by the Board.	Agreed
37	The conditions imposed as above shall continue to be in force until revoked under section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and section 21 A of Air (Prevention & Control of Pollution) Act, 1981.	Agreed
38	In case the consent fee is revised upward during this period, the industry shall pay the differential fees to the Board (for the remaining years) to keep the consent order in force. If they fail to pay the amount within the period stipulated by the Board the consent order will be revoked without prior notice.	Being followed.
39	The occupier shall comply to the conditions stipulated in CTE order issued by Odisha State Pollution Control Board and conditions stipulated in Environmental Clearances issued by MoEF. Govt. of India.	Being followed.

Annexure-1

Air Pollution Control Equipment's UTKAL ALUMINA					
Sl. No.	**Location**	**Pollution Control Device**	**Qnty. (Nos.)**	**Capacity (m3/hr.)**	**Remarks**
1	Boilers	Electrostatic precipitators	03	5,50,613 each ESP	
2	Calciners	Electrostatic precipitators	03	3,34,800 each ESP	
3	Coal crusher house	Bag filters	02	13, 500 each	
4	Calciners	Bag filters	3	4,260 each	
5	Alumina Handling Area	Bag Filters	4	Bag filter1 &2 : 32,000 each Bag filter-3: 7000 & Bag Filter-4: 200.	1. Vacuum Truck is in operation. Hopper Installed to collect the dust from return side of product conveyor at silo top. 2. Road Sweeping Machine is in use.
6	Bauxite Crusher	Bag filter	02	58,500	
7	Bauxite Handling Area	Fixed Water Sprinklers	52	--	1. DFDSS system activation in auto mode during conveyor startup 2. Debris chute facilitated at each transfer point for collection of spilled material 3. Covered shed at Bauxite yard
8	Lime Handling area	Wet Scrubbers	2	32,000 each	
	Lime Handling area	Vacuum Cleaner	2		
9	Coal Stockpile Area	Fixed Water Sprinklers	16	--	Pipe Conveyer for coal transportation from Wagon Tippler to coal storage yard.
10	Ash Silo Handling Area & Road	Fixed Water Sprinklers	72	--	
11	Wagon Tippler	Dry Fog System	1	--	A water sprinkling arrangement (about 30 sprinkling nozzles) is provided to suppress the fugitive dust generation during unloading of coal by the wagon tippler.
12	Red Mud Pond	Water Sprinkler	25		
		Fog Cannon	1	12 KL	
		Moveable Water Tanker	2	12 KL	
13	Road in Dust	Road Sweeping Machine	1		
		Moveable Water Tanker	1		

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-11787 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	S1:Admin Building	Sampled by	VCSPL'S Representative
Sample Description	Ambient Air	Sampling Procedure	IS 5182.
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	02.11.2023, 04.11.2023, 08.11.2023, 11.11.2023, 16.11.2023, 18.11.2023, 21.11.2023, 25.11.2023, 29-11-2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	01.11.2023, 03.11.2023, 07.11.2023, 10.11.2023, 15.11.2023, 17.11.2023, 20.11.2023, 24.11.2023, 28-11-2023	Test Completed on	07.11.2023 to 04.12.2023

Sl. No.	Sampling Date	Parameters				
		Particulate Matter as PM_{10} ($\mu g/m^3$)	Particulate Matter as $PM_{2.5}$ ($\mu g/m^3$)	Sulphur Dioxide as SO_2 ($\mu g/m^3$)	Oxides of Nitrogen as NO_2 ($\mu g/m^3$)	Carbon Monoxide as CO (mg/m^3)
1	01-11-2023	62.1	32.1	18.9	26.6	0.48
2	03-11-2023	66.4	33.5	18.0	23.5	0.52
3	07-11-2023	65.4	33.2	19.5	26.6	0.59
4	10-11-2023	63.9	32.1	20.4	27.7	0.48
5	15-11-2023	64.6	32.4	17.5	26.4	0.51
6	17-11-2023	60.8	30.4	18.6	25.3	0.55
7	20-11-2023	58.8	29.5	17.7	21.4	0.49
8	24-11-2023	56.7	28.6	18.7	20.9	0.53
9	28-11-2023	64.9	32.5	16.8	21.2	0.55
Monthly Average		62.7	31.6	18.5	24.4	0.52
CPCB, New Delhi AAQ Standard		100/24Hr	60/24 Hr	80/24 Hr	80/24 Hr	02/8 Hr
Testing Method		Gravimetric IS 5182: Part 23	Gravimetric IS 5182: Part 24	Improved West & Geake Method IS 5182 (Part-2) RA2006	Modified Jacob & Hochheiser Method IS 5182 (Part-6) RA2006	Non Dispersive Infrared Method IS 5182 (Part-10):1999
Remarks: Detection limit for SO_2: 4.0 $\mu g/m^3$, NO_X : 9.0 $\mu g/m^3$						
Any unusual feature during determination: Nil						

Remarks: (All the values of PM_{10}, $PM_{2.5}$, SO_2, NOx & CO presented in row no 1-9 are Time Weighted Average.)

Reviewed by

Approved by

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-11788 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	S2: Deraguda	Sampled by	VCSPL'S Representative
Sample Description	Ambient Air	Sampling Procedure	IS 5182,
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	02.11.2023, 04.11.2023, 07.11.2023, 10.11.2023, 15.11.2023, 17.11.2023, 22.11.2023, 24.11.2023, 28-11-2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	01.11.2023, 03.11.2023, 06.11.2023, 09.11.2023, 14.11.2023, 16.11.2023, 21.11.2023, 23.11.2023, 27-11-2023	Test Completed on	07.11.2023 to 04.12.2023

Sl. No.	Sampling Date	Parameters				
		Particulate Matter as PM_{10} ($\mu g/m^3$)	Particulate Matter as $PM_{2.5}$ ($\mu g/m^3$)	Sulphur Dioxide as SO_2 ($\mu g/m^3$)	Oxides of Nitrogen as NO_x ($\mu g/m^3$)	Carbon Monoxide as CO (mg/m^3)
1	01-11-2023	65.4	32.5	18.5	26.6	0.66
2	03-11-2023	58.9	29.4	17.6	24.7	0.59
3	06-11-2023	62.2	31.1	14.5	20.4	0.54
4	09-11-2023	57.6	29.1	17.8	21.9	0.63
5	14-11-2023	58.6	29.4	16.5	21.1	0.55
6	16-11-2023	55.6	27.6	14.7	23.5	0.63
7	21-11-2023	60.2	28.4	13.8	25.4	0.59
8	23-11-2023	68.4	34.6	14.9	22.8	0.64
9	27-11-2023	59.8	29.8	14.4	24.5	0.66
Monthly Average		60.7	30.2	15.9	23.4	0.61
CPCB, New Delhi AAQ Standard		100/24Hr	60/24 Hr	80/24 Hr	80/24 Hr	02/8 Hr
Testing Method		Gravimetric IS 5182: Part 23	Gravimetric IS 5182: Part 24	Improved West & Geake Method IS 5182 (Part-2) RA2006	Modified Jacob & Hochheiser Method IS 5182 (Part-6) RA2006	Non Dispersive Infrared Method IS 5182 (Part-10):1999
Remarks: Detection limit for SO_2: 4.0 $\mu g/m^3$, NO_x : 9.0 $\mu g/m^3$						
Any unusual feature during determination: Nil						

Remarks: (All the values of PM_{10}, $PM_{2.5}$, SO_2, NOx & CO presented in row no 1-9 are Time Weighted Average.)

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Test Report No.: Envlab/23-24/TR-11789 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	S3: Dimundi Boundary Side	Sampled by	VCSPL'S Representative
Sample Description	Ambient Air	Sampling Procedure	IS 5182.
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	03.11.2023, 06.11.2023, 07.11.2023, 10.11.2023, 15.11.2023, 17.11.2023, 21.11.2023, 24.11.2023, 29.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	02.11.2023, 04.11.2023, 06.11.2023, 09.11.2023, 14.11.2023, 16.11.2023, 20.11.2023, 23.11.2023, 28.11.2023	Test Completed on	08.11.2023 to 04.12.2023

Sl. No.	Sampling Date	Parameters				
		Particulate Matter as PM_{10} ($\mu g/m^3$)	Particulate Matter as $PM_{2.5}$ ($\mu g/m^3$)	Sulphur Dioxide as SO_2 ($\mu g/m^3$)	Oxides of Nitrogen as NO_2 ($\mu g/m^3$)	Carbon Monoxide as CO (mg/m^3)
1	01-11-2023	55.5	28.5	18.8	25.8	0.50
2	04-11-2023	56.9	28.6	19.6	26.6	0.48
3	06-11-2023	59.3	29.8	21.0	24.7	0.52
4	09-11-2023	55.4	27.8	19.9	25.4	0.62
5	14-11-2023	52.7	26.5	16.8	23.6	0.45
6	16-11-2023	53.9	27.1	21.5	21.0	0.43
7	20-11-2023	58.2	28.6	22.2	28.5	0.63
8	23-11-2023	55.7	27.9	19.8	25.4	0.66
9	28-11-2023	56.3	29.6	18.7	24.8	0.49
Monthly Average		56.2	28.3	19.8	25.2	0.54
CPCB, New Delhi AAQ Standard		100/24Hr	60/24 Hr	80/24 Hr	80/24 Hr	02/8 Hr
Testing Method		Gravimetric IS 5182: Part 23	Gravimetric IS 5182: Part 24	Improved West & Geake Method IS 5182 (Part-2) RA2006	Modified Jacob & Hochheiser Method IS 5182 (Part-6) RA2006	Non Dispersive Infrared Method IS 5182 (Part-10):1999
Remarks: Detection limit for SO_2: 4.0 $\mu g/m^3$, NO_x : 9.0 $\mu g/m^3$						
Any unusual feature during determination: Nil						

Remarks: (All the values of PM_{10}, $PM_{2.5}$, SO_2, NOx & CO presented in row no 1-9 are Time Weighted Average.)

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Test Report No.: Envlab/23-24/TR-11790 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	S4: BSNL Tower	Sampled by	VCSPL'S Representative
Sample Description	Ambient Air	Sampling Procedure	IS 5182
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	02.11.2023, 04.11.2023, 08.11.2023, 11.11.2023, 16.11.2023, 18.11.2023, 22.11.2023, 24.11.2023, 28.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	01.11.2023, 03.11.2023, 07.11.2023, 10.11.2023, 15.11.2023, 17.11.2023, 21.11.2023, 23.11.2023, 27.11.2023	Test Completed on	07.11.2023 to 04.12.2023

Sl. No.	Sampling Date	Parameters				
		Particulate Matter as PM_{10} ($\mu g/m^3$)	Particulate Matter as $PM_{2.5}$ ($\mu g/m^3$)	Sulphur Dioxide as SO_2 ($\mu g/m^3$)	Oxides of Nitrogen as NO_2 ($\mu g/m^3$)	Carbon Monoxide as CO (mg/m^3)
1	01-11-2023	59.6	29.6	19.6	26.6	0.49
2	03-11-2023	63.2	31.2	21.4	28.5	0.52
3	07-11-2023	64.5	32.1	20.5	30.1	0.56
4	10-11-2023	61.7	30.4	23.4	25.6	0.59
5	15-11-2023	62.9	31.9	19.5	24.5	0.55
6	17-11-2023	58.6	29.9	22.1	22.3	0.62
7	21-11-2023	57.8	29.5	20.4	24.7	0.63
8	23-11-2023	62.9	31.2	19.8	26.1	0.68
9	27-11-2023	57.3	28.5	19.3	25.2	0.66
Monthly Average		60.9	30.5	20.7	26.0	0.59
CPCB, New Delhi AAQ Standard		100/24Hr	60/24 Hr	80/24 Hr	80/24 Hr	02/8 Hr
Testing Method		Gravimetric IS 5182: Part 23	Gravimetric IS 5182: Part 24	Improved West & Geake Method IS 5182 (Part-2) RA 2006	Modified Jacob & Hochheiser Method IS 5182 (Part-6) RA 2006	Non Dispersive Infrared Method IS 5182 (Part-10):1999
Remarks: Detection limit for SO_2: 4.0 $\mu g/m^3$, NO_x : 9.0 $\mu g/m^3$						
Any unusual feature during determination: Nil						

Remarks: (All the values of PM_{-10}, $PM_{-2.5}$, SO_2, NOx & CO presented in row no 1-9 are Time Weighted Average.)

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Test Report No.: Envlab/23-24/TR-11791 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	S5: Naugada	Sampled by	VCSPL'S Representative
Sample Description	Ambient Air	Sampling Procedure	IS 5182.
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	03.11.2023, 06.11.2023, 08.11.2023, 11.11.2023, 16.11.2023, 18.11.2023, 21.11.2023, 25.11.2023, 29.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	02.11.2023, 04.11.2023, 07.11.2023, 10.11.2023, 15.11.2023, 17.11.2023, 20.11.2023, 24.11.2023, 28.11.2023	Test Completed on	07.11.2023 to 04.12.2023

Sl. No.	Sampling Date	Parameters				
		Particulate Matter as PM_{10} ($\mu g/m^3$)	Particulate Matter as $PM_{2.5}$ ($\mu g/m^3$)	Sulphur Dioxide as SO_2 ($\mu g/m^3$)	Oxides of Nitrogen as NO_2 ($\mu g/m^3$)	Carbon Monoxide as CO (mg/m^3)
1	02-11-2023	59.8	30.4	20.3	31.2	0.63
2	04-11-2023	61.2	31.1	19.6	29.3	0.55
3	07-11-2023	62.9	31.5	22.4	32.4	0.63
4	10-11-2023	58.6	29.6	21.8	31.6	0.59
5	15-11-2023	56.6	28.5	19.6	28.8	0.58
6	17-11-2023	61.2	31.2	21.7	24.6	0.63
7	20-11-2023	56.4	28.4	22.5	26.8	0.54
8	24-11-2023	60.2	30.2	24.6	27.5	0.61
9	28-11-2023	58.7	29.6	23.4	26.3	0.59
Monthly Average		59.5	30.1	21.7	28.7	0.59
CPCB, New Delhi AAQ Standard		100/24Hr	60/24 Hr	80/24 Hr	80/24 Hr	02/8 Hr
Testing Method		Gravimetric IS 5182: Part 23	Gravimetric IS 5182: Part 24	Improved West & Geake Method IS 5182 (Part-2) RA 2006	Modified Jacob & Hochheiser Method IS 5182 (Part-6) RA 2006	Non Dispersive Infrared Method IS 5182 (Part-10):1999
Remarks: Detection limit for SO_2: 4.0 $\mu g/m^3$, NO_x : 9.0 $\mu g/m^3$						
Any unusual feature during determination: Nil						

Remarks: (All the values of PM_{-10}, $PM_{-2.5}$, SO_2, NOx & CO presented in row no 1-9 are Time Weighted Average.)

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Test Report No.: Envlab/23-24/TR-11792 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	S6: Training Center	Sampled by	VCSPL'S Representative
Sample Description	Ambient Air	Sampling Procedure	IS 5182,
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	03.11.2023, 06.11.2023, 07.11.2023, 10.11.2023, 15.11.2023, 17.11.2023, 22.11.2023, 24.11.2023, 28.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	02.11.2023, 04.11.2023, 06.11.2023, 09.11.2023, 14.11.2023, 16.11.2023, 21.11.2023, 23.11.2023, 27.11.2023	Test Completed on	07.11.2023 to 04.12.2023

Sl. No.	Sampling Date	Parameters				
		Particulate Matter as PM_{10} ($\mu g/m^3$)	Particulate Matter as $PM_{2.5}$ ($\mu g/m^3$)	Sulphur Dioxide as SO_2 ($\mu g/m^3$)	Oxides of Nitrogen as NO_2 ($\mu g/m^3$)	Carbon Monoxide as CO (mg/m^3)
1	02-11-2023	53.6	26.9	21.4	30.4	0.59
2	04-11-2023	54.7	27.5	23.5	34.5	0.63
3	06-11-2023	52.3	26.3	19.8	31.2	0.66
4	09-11-2023	59.6	30.2	18.6	33.6	0.58
5	14-11-2023	54.6	27.5	21.4	30.4	0.63
6	16-11-2023	57.6	29.1	21.9	29.8	0.66
7	21-11-2023	55.4	27.8	20.4	31.4	0.59
8	23-11-2023	59.6	30.1	19.8	31.8	0.61
9	27-11-2023	55.8	27.9	16.0	30.5	0.64
Monthly Average		**55.9**	**28.1**	**20.3**	**31.5**	**0.62**
CPCB, New Delhi AAQ Standard		100/24Hr	60/24 Hr	80/24 Hr	80/24 Hr	02/8 Hr
Testing Method		Gravimetric IS 5182: Part 23	Gravimetric IS 5182: Part 24	Improved West & Gaeke Method IS 5182 (Part-2) RA2006	Modified Jacob & Hochheiser Method IS 5182 (Part-6) RA2006	Non Dispersive Infrared Method IS 5182 (Part-10):1999

Remarks: Detection limit for SO_2: 4.0 $\mu g/m^3$, NO_x : 9.0 $\mu g/m^3$

Any unusual feature during determination: Nil

Remarks: (All the values of PM_{10}, $PM_{2.5}$, SO_2, NOx & CO presented in row no 1-9 are Time Weighted Average.)

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Test Report No.: Envlab/23-24/TR-11793 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	F1-F8	Sampled by	VCSPL'S Representative
Sample Name	Fugitive Emission (AAQ)	Sampling Procedure	IS 5182.
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	09.11.2023,11.11.2023,17.11.2023, 23.11.2023,27.11.2023
Sample Condition	N.A		
Sampling Date	08.11.2023,10.11.2023,16.11.2023, 22.11.2023,25.11.2023	Test Completed on	14.11.2023 to 04.12.2023

Sl. No	Sampling Locations	Date of Sampling	Parameters	Observed Value ($\mu g/m^3$)	Test Method
1	ALUMINA HANDLING AREA	10-11-2023	Suspended Particulate Matter	84.6	IS 5182 (Part-04)
2	BAUXITE HANDLING AREA	10-11-2023		81.3	
3	LIME HANDLING AREA	10-11-2023		82.4	
4	COAL HANDLING AREA	10-11-2023		83.6	
5	MATERIAL GATE	16-11-2023		81.2	
6	ASH HANDLING AREA	08-11-2023		79.8	
7	TRAFFIC CENTER	25-11-2023		86.4	
8	ROD MILL	22-11-2023		84.6	
Standard For Crusher /Industrial Area				100	

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Test Report No.: Envlab/23-24/TR-11794 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Code	N1-N4	Noise Measured By	VCSPL/S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Core Zone)	Sample Received On	NA
Sample Condition	NA	Test Completed On	NA

Sl. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{10}	Leq,	Lmax,	Lmin	L_{10}
1	Bauxite Handling Area	15-11-2023	70.8	78.2	65.0	69.7	66.2	73.6	60.4	65.1
2	Rod Mill area	17-11-2023	70.4	77.8	64.6	69.3	68.1	75.5	62.3	67.0
3	CPP Area	22-11-2023	71.7	79.1	65.9	70.6	61.4	68.8	55.6	60.3
4	Alumina Handling Area	10-11-2023	71.2	78.6	65.4	70.1	64.7	72.1	58.9	63.6
Standard as per Noise Rule 2000										
Industrial Area			75				70			
Any feature observed during determination			Nil							

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Test Report No.: Envlab/23-24/TR-11795 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Code	N1-N6	Noise Measured By	VCSPL'S Representative
Sample Name	Noise	Sampling Procedure	IS 9989:2020
Sample Source	Noise Level (Buffer Zone)	Sample Received on	NA
Sample Condition	NA	Test Completed on	NA

SL. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{10}	Leq,	Lmax,	Lmin	L_{10}
1	R & R Colony	04-11-2023	46.5	53.9	40.7	45.4	40.2	47.6	34.4	39.1
2	Township(Nuapada)	21-11-2023	48.0	55.4	42.2	46.9	41.4	48.8	35.6	40.3
3	Doragada	11-11-2023	47.7	55.1	41.9	46.6	42.1	49.5	36.3	41.0
4	Kuchipadar	14-11-2023	48.3	55.7	42.5	47.2	41.4	48.8	35.6	40.3
5	Police Station, Doragada	03-11-2023	49.2	56.6	43.4	48.1	42.5	49.9	36.7	41.4
6	Dimumdi	24-11-2023	49.6	57.0	43.8	48.5	43.6	51.0	37.8	42.5
Standard as per Noise Rule 2000										
Residential Area			55				45			
Any feature observed during determination		Nil								

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Test Report No.: Envlab/23-24/TR-11796 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST1: Calciner-I	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	07.11.2023, 15.11.2023, 25.11.2023, 29.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	06.11.2023, 14.11.2023, 24.11.2023, 28.11.2023	Test Completed on	13.11.2023, 20.11.2023, 30.11.2023, 04.12.2023

SL. No.	Name of the Parameters	Testing Methods	Units	Analysis Result				
				06.11.2023	14.11.2023	24.11.2023	28.11.2023	Average
1	Temperature	IS 11255(P-3) 2008	°C	169	170	164	166	167.3
2	Velocity	IS 11255(P-3) 2008	m/sec	6.78	7.17	5.94	6.62	6.6
3	Particulate Matter as PM	IS 11255(Part-1):1985 RA 2014	mg/Nm^3	32.5	31.6	33.8	34.5	33.1
4	Volume of Flue gas	IS 11255(P-3) 2008	Nm3 /Hr	137849.3	145448.3	122150.0	135512.0	135239.9
5	Sulphur Dioxide as SO2	IS 11255(P-2) RA 2014	mg/m^3	251.9	254.9	241.7	252.7	250.3
6	Oxides of Nitrogen as NO_2	IS 11255 (P-7) 2005, RA 2017	mg/m^3	148.5	141.3	155.1	142.7	146.9

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Test Report No.: Envlab/23-24/TR-11797 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST2: Calciner-II	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	08.11.2023, 15.11.2023, 25.11.2023, 28.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	07.11.2023, 14.112023, 24.11.2023, 27.11.2023	Test Completed on	13.11.2023, 21.11.2023, 29.11.2023, 02.12.2023

SL. No.	Name of the Parameters	Testing Methods	Units	Analysis Result				
				07.11.2023	14.11.2023	24.11.2023	27.11.2023	Average
1	Temperature	IS 11255(P-3) 2008	^{0}C	165	164	157	168	166.0
2	Velocity	IS 11255(P-3) 2008	m/sec	6.72	6.53	6.34	5.85	6.36
3	Particulate Matter as PM	IS 11255(Part-I):1985 RA 2014	mg/Nm^3	31.6	32.5	33.8	32.8	32.7
4	Volume of Flue gas	IS 11255(P-3) 2008	Nm3 /Hr	227788.0	221856.3	129486.7	119210.5	174585.4
5	Sulphur Dioxide as SO2	IS 11255(P-2) RA 2014	mg/m^3	249.6	251.5	243.3	253.8	249.55
6	Oxides of Nitrogen as NO_2	IS 11255 (P-7) 2005, RA 2017	mg/m^3	151.2	149.7	150.4	152.4	150.9

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Microbiology Lab

Test Report No.: Envlab/23-24/TR-11798 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST3: Calciner-III	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	07.11.2023, 15.11.2023,24.11.2023, 29.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	06.11.2023, 14.11.2023, 23.11.2023, 28.11.2023	Test Completed on	12.11.2023,20.11.2023, 29.11.2023, 03.12.2023

Sl. No.	Name of the Parameters	Testing Methods	Units	Analysis Result				
				06.11.2023	14.11.2023	23.11.2023	28.11.2023	Average
1	Temperature	IS 11255(P-3) 2008	^0C	178	175	176	174	175.75
2	Velocity	IS 11255(P-3) 2008	m/sec	7.74	7.23	7.63	7.12	7.4
3	Particulate Matter as PM	IS 11255(Part-I):1985 RA 2014	mg/Nm^3	33.6	34.5	35.2	33.8	34.3
4	Volume of Flue gas	IS 11255(P-3) 2008	Nm3 /Hr	154207.6	145009.8	152694.7	143123.0	148758.8
5	Sulphur Dioxide as SO_2	IS 11255(P-2) RA 2014	mg/m^3	227.0	224.4	225.8	221.8	224.8
6	Oxides of Nitrogen as NO_2	IS 11255 (P-7) 2005, RA 2017	mg/m^3	155.6	158.7	156.7	151.4	155.6

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Test Report No.: Envlab/23-24/TR-11799 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST4: CPP, Unit-I	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	09.11.2023,16.11.2023,23.11.2023, 30.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	08.11.2023, 15.11.2023, 22.11.2023, 29.11.2023	Test Completed on	14.11.2023,21.11.2023,27.11.2023, 03.12.2023

SL. No.	Name of the Parameters	Testing Methods	Units	Analysis Result				
				08.11.2023	15.11.2023	22.11.2023	29.11.2023	Average
1	Temperature	IS 11255(P-3) 2008	^{0}C	113	120	116	115	116.0
2	Velocity	IS 11255(P-3) 2008	m/sec	12.24	13.48	12.87	12.60	12.8
3	Particulate Matter as PM	IS 11255(Part-I):1985 RA 2014	mg/Nm^3	41.8	43.5	42.5	40.6	42.1
4	Volume of Flue gas	IS 11255(P-3) 2008	Nm3 /Hr	284931	308201.3	297292	291796.6	295555.2
5	Sulphur Dioxide as SO_2	IS 11255(P-2) RA 2014	mg/m^3	453.1	436.2	438.9	442.7	442.7
6	Oxides of Nitrogen as NO_2	IS 11255 (P-7) 2005, RA 2017	mg/m^3	254.2	251.4	250.4	248.7	251.2

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Test Report No.: Envlab/23-24/TR-11800 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST5: CPP, Unit-II	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	09.11.2023,16.11.2023,23.11.2023, 30.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	08.11.2023, 15.11.2023, 22.11.2023, 29.11.2023	Test Completed on	14.11.2023,21.11.2023,27.11.2023, 03.12.2023

Sl. No.	Name of the Parameters	Testing Methods	Units	Analysis Result				
				08.11.2023	15.11.2023	22.11.2023	29.11.2023	Average
1	Temperature	IS 11255(P-3) 2008	^0C	120.0	116.0	119.0	118.0	118.3
2	Velocity	IS 11255(P-3) 2008	m/sec	13.54	12.62	13.21	13.4	13.19
3	Particulate Matter as PM	IS 11255(Part-I):1985 RA 2014	mg/Nm^3	43.5	44.2	43.1	42.8	43.4
4	Volume of Flue gas	IS 11255(P-3) 2008	Nm3 /Hr	309585.3	291508.4	302801.6	307942.3	302959.4
5	Sulphur Dioxide as SO_2	IS 11255(P-2) RA 2014	mg/m^3	445.8	436.7	448.2	435.8	441.6
6	Oxides of Nitrogen as NO_2	IS 11255 (P-7) 2005, RA 2017	mg/m^3	241.4	242.5	246.7	240.7	242.8

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Test Report No.: Envlab/23-24/TR-11801 Date: 06.12.2023

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	ST6: CPP, Unit-III	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	09.11.2023,16.11.2023,23.11.2023, 30.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	08.11.2023, 15.11.2023, 22.11.2023, 29.11.2023	Test Completed on	14.11.2023,21.11.2023,27.11.2023, 03.12.2023

SL. No.	Name of the Parameters	Testing Methods	Units	Analysis Result				
				08.11.2023	15.11.2023	22.11.2023	29.11.2023	Average
1	Temperature	IS 11255(P-3) 2008	^0C	123	121	124	126	123.5
2	Velocity	IS 11255(P-3) 2008	m/sec	14.74	15.35	14.81	14.5	14.4
3	Particulate Matter as PM	IS 11255(Part-1):1985 RA 2014	mg/Nm^3	40.5	42.4	38.6	40.8	40.6
4	Volume of Flue gas	IS 11255(P-3) 2008	Nm3 /Hr	334469.5	304688.4	335208.1	326540.1	325226.5
5	Sulphur Dioxide as SO_2	IS 11255(P-2) RA 2014	mg/m^3	521	520	524	512	519.3
6	Oxides of Nitrogen as NO_2	IS 11255 (P-7) 2005, RA 2017	mg/m^3	218	215	221	225	219.8

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Test Report No.: Enviab/23-24/TR-11802 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST4: CPP, Unit-I	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	09.11.2023, 23.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	08.11.2023, 22.11.2023	Test Completed on	14.11.2023, 27.11.2023

Sl. No.	Name of the Parameters	Testing Methods	Standard MoEF & CPCB	Units	Analysis Result 08.11.2023	Analysis Result 22.11.2023	Average
1	Mercury as Hg	EPA-29	0.03	mg/Nm³	0.0182	0.0169	0.0156

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Test Report No.: Envlab/23-24/TR-11803 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST5: CPP, Unit-II	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	09.11.2023, 23.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	08.11.2023, 22.11.2023	Test Completed on	14.11.2023, 27.11.2023

Sl. No.	Name of the Parameters	Testing Methods	Standard MoEF & CPCB	Units	Analysis Result		
					08.11.2023	22.11.2023	Average
1	Mercury as Hg	EPA-29	0.03	mg/Nm^3	0.014	0.018	0.016

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Test Report No.: Envlab/23-24/TR-11804 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	ST6: CPP, Unit-III	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	09.11.2023, 23.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	08.11.2023, 22.11.2023	Test Completed on	14.11.2023, 27.11.2023

Sl. No.	Name of the Parameters	Testing Methods	Standard MoEF & CPCB	Units	Analysis Result		
					08.11.2023	22.11.2023	Average
1	Mercury as Hg	EPA-29	0.03	mg/Nm^3	0.0210	0.0155	0.018

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Test Report No.: Envlab/23-24/TR-11810 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW1: Kuchipadar	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-1
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.66
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	282.1
6	Temperature	^{0}C	-	--	25.3
7	Conductivity	µS/cm	-	APHA 2510 C	422.5
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	23.4
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	44.5
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.33
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.25
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	12.9
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-} B	22.3
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	95.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	112.3
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.26
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Test Report No.: Enviab/23-24/TR-11811 Date: 05.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW2:Baghrijhala	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2018 & 2018	Test methods	GW-2
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H^+ B	7.36
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	275.6
6	Temperature	°C	-	--	25.1
7	Conductivity	µS/cm	-	APHA 2510 C	435.6
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	25.6
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	46.5
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.25
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.21
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	13.9
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	21.9
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	98.7
22	Total Hardness	mg/l, max	200	APHA 2340 C	121.9
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.28
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-11812 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW3:Dimundi	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-3
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H^+ B	7.42
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	312.2
6	Temperature	°C	-	--	25.4
7	Conductivity	µS/cm	-	APHA 2510 C	465.5
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	22.6
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	48.3
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.29
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.22
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg.B	14.1
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-} B	23.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	93.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	115.4
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.26
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services: Environment Lab, Food Lab, Material Lab, Soil Lab, Mineral Lab, & Microbiology Lab

Test Report No.: Envlab/23-24/TR-11813 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW4:Lachuguda	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-4
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.69
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	265.3
6	Temperature	°C	-	--	25.3
7	Conductivity	µS/cm	-	APHA 2510 C	412.5
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	22.2
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	45.9
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.34
12	Free residual Chlorine	mg/l, min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.23
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg B	12.9
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	24.7
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	94.6
22	Total Hardness	mg/l, max	200	APHA 2340 C	109.3
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.22
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Mineral/Sub-Soil Exploration
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Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-11814 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW5:Bhitur Muchikumi	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-5
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H^+B	7.66
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	227.7
6	Temperature	^{0}C	-	--	25.3
7	Conductivity	µS/cm	-	APHA 2510 C	345.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	23.5
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl^-B	35.5
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.36
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.25
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	12.7
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	32.4
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	98.8
22	Total Hardness	mg/l, max	200	APHA 2340 C	112.0
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.36
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 311 IB,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Information Technology
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- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

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Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-11815 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW6: RMP (Hezometer Well-1)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	25.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	24.11.2023	Test Completed on	04.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-6
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	–	Agreeable	APHA 2120 B	Agreeable
3	pH value	–	6.5-8.5	APHA 4500 H^+ B	7.48
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	255.0
6	Temperature	^{0}C	-	–	25.4
7	Conductivity	µS/cm	-	APHA 2510 C	386.4
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	20.8
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl^- B	42.5
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.33
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.29
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.7
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	26.5
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	96.5
22	Total Hardness	mg/l, max	200	APHA 2340 C	109.0
23	Zinc(as Zn)	mg/L max	5.0	APHA 3111B,C	0.34
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/L max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pestiride	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Public Health Engineering
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- Mineral/Sub-Soil Exploration
- Waste Management Services

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Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-11816 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW7: RMP (Piezometer Well-2)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	25.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	24.11.2023	Test Completed on	04.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-7
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	–	Agreeable	APHA 2120 B	Agreeable
3	pH value	–	6.5-8.5	APHA 4500 H+B	7.43
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	250.8
6	Temperature	°C	-	—	25.8
7	Conductivity	µS/cm	-	APHA 2510 C	880.0
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	26.7
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	35.8
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.39
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.36
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg B	13.8
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	34.8
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	85.4
22	Total Hardness	mg/l, max	200	APHA 2340 C	124.4
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.25
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Mineral/Sub-Soil Exploration
- Waste Management Services

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Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-11817 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW8: RMP (Piezometer Well-3)	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	28.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	24.11.2023	Test Completed on	04.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-8
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.45
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	435.1
6	Temperature	^{0}C	-	--	25.1
7	Conductivity	µS/cm	-	APHA 2510 C	659.2
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	23.8
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl- B	41.4
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.41
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.28
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.4
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5520 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4	mg/l, max	200	APHA 4500SO_4^{2-}B	25.6
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	88.1
22	Total Hardness	mg/l, max	200	APHA 2340 C	115.2
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.21
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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- Information Technology
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Microbiology Lab

Test Report No.: Envlab/23-24/TR-11818 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	GW9: Ash Pond Near Pizo meter	Sampled by	VCSPL'S Representative
Sample Description	Ground Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	25.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	24.11.2023	Test Completed on	04.12.2023

Sl. No	Parameters	Unit	Standard as per IS 10500:2012, Amnd. 2015 & 2018	Test methods	GW-9
Organoleptic & Physical Parameters					
1	Color	Hazen	5	APHA 2120 B,C	<5.0
2	Odour	--	Agreeable	APHA 2120 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H B	7.39
4	Turbidity	NTU, max	1.0	APHA 2130 B	<1.0
5	Total Dissolved Solids	mg/l	500	APHA 2540 C	267.7
6	Temperature	°C	-	--	25
7	Conductivity	µS/cm	-	APHA 2510 C	405.6
General Parameters Concerning Substances Undesirable in Excessive Amounts					
8	Calcium (as Ca)	mg/l, max	75	APHA 3500Ca B	26.6
9	Chloride (as Cl)	mg/l, max	250	APHA 4500Cl B	43.4
10	Copper (as Cu)	mg/l, max	0.05	APHA 3111B,C	<0.02
11	Fluoride (as F)	mg/l, max	1.0	APHA 4500F C	0.43
12	Free residual Chlorine	mg/l , min	0.2	APHA 4500Cl B	ND
13	Iron (as Fe)	mg/l, max	0.3	APHA 3500Fe B	0.39
14	Magnesium (as Mg)	mg/l, max	30	APHA 3500Mg,B	13.2
15	Manganese (as Mn)	mg/l, max	0.1	APHA 3500Mn B	<0.05
16	Mineral oil	mg/l, max	0.5	APHA 5220 B	<0.02
17	Acidity	mg/l, max	-	APHA 2310 B	<1.0
18	Phenolic Compounds	mg/l, max	0.001	APHA 5530 B,C	<0.05
19	Selenium(as Se)	mg/l, max	0.01	APHA 3114B	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	APHA 4500SO_4^{2-}B	31.8
21	Total Alkalinity	mg/l, max	200	APHA 2320 B	76.4
22	Total Hardness	mg/l, max	200	APHA 2340 C	121.2
23	Zinc(as Zn)	mg/l, max	5.0	APHA 3111B,C	0.18
Parameters Concerning Toxic Substances					
24	Cadmium (as Cd)	mg/l, max	0.003	APHA 3111B,C	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	APHA 4500CN C,D	<0.01
26	Lead (as Pb)	mg/l, max	0.01	APHA 3111B,C	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	APHA 3500 Hg	<0.004
28	Total arsenic	mg/l, max	0.01	APHA 3114B	<0.004
29	Pesticide	mg/l, max	0.0005	APHA 6630 B	<0.0001
BACTERIOLOGICAL QUALITY					
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	APHA 9221 B	<1.1
Any unusual feature observed during determination					NIL

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Microbiology Lab

Test Report No.: Envlab/23-24/TR-11829 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	SW1:Doraguda Nalla	Sampled by	VCSPL'S Representative
Sample Description	Surface Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Units	Standards as per IS 2296-Class C	Test methods	Results
1	Color	Hazen, max	300	APHA 2120 B	10
2	Odour	--	Agreeable	APHA 2150 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.45
4	Suspended Solids	mg/l, max	--	APHA 2540 D	36.6
5	Total dissolved solids	mg/l, max	1500	APHA 2540 C	325.5
6	Temperature	^{o}c	--	--	25.1
7	Conductivity	µs/cm	--	APHA 2510 C	490.0
8	Ammonical Nitrogen (as NH_4-N)	mg/l, max	--	APHA4500 NH_3B	2.6
9	Total Kjeldahl Nitrogen (as N)	mg/l, max	--	APHA4500N_{ORG}B	3.5
10	Oil & Grease	mg/l, max	0.1	APHA 5220 B	ND
11	Dissolved Oxygen (as DO)	mg/l, min	4	APHA 4500 O C	5.9
12	Biochemical Oxygen Demand (as BOD at 27^{0}C For 3 days)	mg/l, max	3.0	APHA 4500 P D	1.8
13	Chemical Oxygen Demand (as COD)	mg/l, max	--	APHA 3111 B	12.2
14	Free Ammonia (as NH_3)	mg/l, max	--	--	ND
15	Total Residual Chlorine (as RFC)	mg/l, min	--	APHA 4500 Cl B	ND
16	Iron (as Fe)	mg/l, max	50	APHA 3500 Fe B	0.34
17	Fluoride (as F)	mg/l, max	1.5	APHA 4500 F D	0.36
18	Hexavalent Chromium (as Cr^{+6})	mg/l, max	0.05	APHA 3500 Cr B	<0.02
19	Cyanide (as CN)	mg/l, max	0.05	APHA 4500 CN E	<0.01
20	Sulphide (as S)	mg/l, max	--	APHA 4500 S^{2-} F	<0.05
21	Nitrate (as NO_3)	mg/l, max	50	APHA4500NO_3 B	7.6
22	Dissolved Phosphate (as PO_4)	mg/l, max	--	APHA 3111 B	0.75
23	Phenolic Compound (as C_6H_5OH)	mg/l, max	--	APHA 5530 C	<0.05
24	Bio-assay Test	mg/l, max	90% survival of fish after 96 hrs in 100% effluent	IS 6582	98%
25	Selenium (as S)	mg/l, max	0.05	APHA 3500 Se C	<0.001
26	Manganese (as Mn)	mg/l, max	--	APHA 3111 B	<0.05
27	Copper (as Cu)	mg/l, max	1.5	APHA 3111Cu B	<0.02
28	Zinc (as Zn)	mg/l, max	15	APHA 3111 B	0.28
29	Cadmium	mg/l, max	0.01	APHA 3111 B	<0.01
30	Lead (as Pb)	mg/l, max	0.1	APHA 3112 B	<0.01
31	Mercury (as Hg)	mg/l, max	--	APHA 3111 B	<0.004
32	Nickel (as Ni)	mg/l, max	--	APHA 3500As B	<0.1
33	Arsenic (as As)	mg/l, max	0.2	APHA 3111 B	<0.004
34	Total Chromium (as Cr)	mg/l, max	--	IS3025(P44)1993	<0.05
Any unusual feature observed during determination					Nil

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Test Report No.: Envlab/23-24/TR-11830 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	SW2: Tikarapada Nalla	Sampled by	VCSPL'S Representative
Sample Description	Surface Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Units	Standards as per IS 2296-Class C	Test methods	Results
1	Color	Hazen, max	300	APHA 2120 B	15
2	Odour	--	Agreeable	APHA 2150 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.66
4	Suspended Solids	mg/l, max	--	APHA 2540 D	41.2
5	Total dissolved solids	mg/l, max	1500	APHA 2540 C	325.6
6	Temperature	^{0}c	--	--	25.3
7	Conductivity	µs/cm	--	APHA 2510 C	498.3
8	Ammoniacal Nitrogen (as NH4-N)	mg/l, max	--	APHA4500 NH_3 B	3.1
9	Total Kjeldahl Nitrogen (as N)	mg/l, max	--	APHA4500$N_{(Org)}$B	4.2
10	Oil & Grease	mg/l, max	0.1	APHA 5220 B	ND
11	Dissolved Oxygen (as DO)	mg/l, min	4	APHA 4500 O C	5.8
12	Biochemical Oxygen Demand (as BOD at 270C For 3 days)	mg/l, max	3.0	APHA 4500 P D	1.6
13	Chemical Oxygen Demand (as COD)	mg/l, max	--	APHA 3111 B	11.4
14	Free Ammonia (as NH3)	mg/l, max	--	--	ND
15	Total Residual Chlorine (as RFC)	mg/l, min	--	APHA 4500 Cl B	ND
16	Iron (as Fe)	mg/l, max	50	APHA 3500 Fe B	0.31
17	Fluoride (as F)	mg/l, max	1.5	APHA 4500 F D	0.39
18	Hexavalent Chromium (as Cr+6)	mg/l, max	0.05	APHA 3500 Cr B	<0.02
19	Cyanide (as CN)	mg/l, max	0.05	APHA 4500 CN E	<0.01
20	Sulphide (as S)	mg/l, max	--	APHA 4500 S^{2-} F	<0.05
21	Nitrate (as NO3)	mg/l, max	50	APHA4500NO_3^-B	8.6
22	Dissolved Phosphate (as PO4)	mg/l, max	--	APHA 3111 B	0.76
23	Phenolic Compound (as C6H5OH)	mg/l, max	--	APHA 5530 C	<0.05
24	Bio-assay Test	mg/l, max	90% survival of fish after 96 hrs in 100% effluent	IS 6582	99%
25	Selenium (as S)	mg/l, max	0.05	APHA 3500 Se C	<0.001
26	Manganese (as Mn)	mg/l, max	--	APHA 3111 B	<0.05
27	Copper (as Cu)	mg/l, max	1.5	APHA 3111Cu B	<0.02
28	Zinc (as Zn)	mg/l, max	15	APHA 3111 B	0.26
29	Cadmium	mg/l, max	0.01	APHA 3111 B	<0.01
30	Lead (as Pb)	mg/l, max	0.1	APHA 3112 B	<0.01
31	Mercury (as Hg)	mg/l, max	--	APHA 3111 B	<0.004
32	Nickel (as Ni)	mg/l, max	--	APHA 3500As B	<0.1
33	Arsenic (as As)	mg/l, max	0.2	APHA 3111 B	<0.004
34	Total Chromium (as Cr)	mg/l, max	--	IS3025(P44)1993	<0.05
Any unusual feature observed during determination					Nil

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Test Report No.: Envlab/23-24/TR-11831 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	SW3:Bada Nadi (Near Nuapada Bridge)	Sampled by	VCSPL'S Representative
Sample Description	Surface Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

Sl. No	Parameters	Units	Standards as per IS 2296-Class C	Test methods	Results
1	Color	Hazen, max	300	APHA 2120 B	10
2	Odour	--	Agreeable	APHA 2150 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	7.39
4	Suspended Solids	mg/l, max	--	APHA 2540 D	40.6
5	Total dissolved solids	mg/l, max	1500	APHA 2540 C	326.4
6	Temperature	^{0}C	--	--	25.6
7	Conductivity	µs/cm	--	APHA 2510 C	489.3
8	Ammonical Nitrogen (as NH_4-N)	mg/l, max	--	APHA4500 NH_3B	2.8
9	Total Kjeldahl Nitrogen (as N)	mg/l, max	--	APHA4500N_{ORG}B	3.9
10	Oil & Grease	mg/l, max	0.1	APHA 5220 B	ND
11	Dissolved Oxygen (as DO)	mg/l, min	4	APHA 4500 O C	6.2
12	Biochemical Oxygen Demand (as BOD at 27^{0}C For 3 days)	mg/l, max	3.0	APHA 4500 P D	1.5
13	Chemical Oxygen Demand (as COD)	mg/l, max	--	APHA 3111 B	12.3
14	Free Ammonia (as NH_3)	mg/l, max	--	--	ND
15	Total Residual Chlorine (as RFC)	mg/l, min	--	APHA 4500 Cl B	ND
16	Iron (as Fe)	mg/l, max	50	APHA 3500 Fe B	0.32
17	Fluoride (as F)	mg/l, max	1.5	APHA 4500 F D	0.33
18	Hexavalent Chromium (as Cr^{+6})	mg/l, max	0.05	APHA 3500 Cr B	<0.02
19	Cyanide (as CN)	mg/l, max	0.05	APHA 4500 CN E	<0.01
20	Sulphide (as S)	mg/l, max	--	APHA 4500 S^{2-} F	<0.05
21	Nitrate (as NO_3)	mg/l, max	50	APHA4500NO_3 B	8.9
22	Dissolved Phosphate (as PO_4)	mg/l, max	--	APHA 3111 B	0.66
23	Phenolic Compound (as C_6H_5OH)	mg/l, max	--	APHA 5530 C	<0.05
24	Bio-assay Test	mg/l, max	90% survival of fish after 96 hrs in 100% effluent	IS 6582	98%
25	Selenium (as S)	mg/l, max	0.05	APHA 3500 Se C	<0.001
26	Manganese (as Mn)	mg/l, max	--	APHA 3111 B	0.064
27	Copper (as Cu)	mg/l, max	1.5	APHA 3111Cu B	<0.02
28	Zinc (as Zn)	mg/l, max	15	APHA 3111 B	0.31
29	Cadmium	mg/l, max	0.01	APHA 3111 B	<0.01
30	Lead (as Pb)	mg/l, max	0.1	APHA 3112 B	<0.01
31	Mercury (as Hg)	mg/l, max	--	APHA 3111 B	<0.004
32	Nickel (as Ni)	mg/l, max	--	APHA 3500As B	<0.1
33	Arsenic (as As)	mg/l, max	0.2	APHA 3111 B	<0.004
34	Total Chromium (as Cr)	mg/l, max	--	IS3025(P44)1993	<0.05
Any unusual feature observed during determination					Nil

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Test Report No.: Envlab/23-24/TR-11832 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	SW4: Lachguda Nalla	Sampled by	VCSPL'S Representative
Sample Description	Surface Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	14.11.2023	Test Completed on	21.11.2023

SL No	Parameters	Units	Standards as per IS 2296-Class C	Test methods	Results
1	Color	Hazen, max	300	APHA 2120 B	10
2	Odour	--	Agreeable	APHA 2150 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H⁺B	7.24
4	Suspended Solids	mg/l, max	--	APHA 2540 D	43.2
5	Total dissolved solids	mg/l, max	1500	APHA 2540 C	316.5
6	Temperature	^{0}c	--	--	25.1
7	Conductivity	µs/cm	--	APHA 2510 C	475.6
8	Ammonical Nitrogen (as NH_4-N)	mg/l, max	--	APHA4500 NH_3B	3.4
9	Total Kjeldahl Nitrogen (as N)	mg/l, max	--	APHA4500N_{Org}B	6.1
10	Oil & Grease	mg/l, max	0.1	APHA 5220 B	ND
11	Dissolved Oxygen (as DO)	mg/l, min	4	APHA 4500 O C	5.9
12	Biochemical Oxygen Demand (as BOD at 27°C For 3 days)	mg/l, max	3.0	APHA 4500 P D	1.6
13	Chemical Oxygen Demand (as COD)	mg/l, max	--	APHA 3111 B	11.6
14	Free Ammonia (as NH_3)	mg/l, max	--	--	ND
15	Total Residual Chlorine (as RFC)	mg/l, min	--	APHA 4500 Cl B	ND
16	Iron (as Fe)	mg/l, max	50	APHA 3500 Fe B	0.39
17	Fluoride (as F)	mg/l, max	1.5	APHA 4500 F D	0.45
18	Hexavalent Chromium (as Cr^{+6})	mg/l, max	0.05	APHA 3500 Cr B	<0.02
19	Cyanide (as CN)	mg/l, max	0.05	APHA 4500 CN E	<0.01
20	Sulphide (as S)	mg/l, max	--	APHA 4500 S^{2-} F	<0.05
21	Nitrate (as NO_3)	mg/l, max	50	APHA4500NO_3^-B	7.5
22	Dissolved Phosphate (as PO_4)	mg/l, max	--	APHA 3111 B	0.73
23	Phenolic Compound (as C_6H_5OH)	mg/l, max	--	APHA 5530 C	<0.05
24	Bio-assay Test	mg/l, max	90% survival of fish after 96 hrs in 100% effluent	IS 6582	98%
25	Selenium (as S)	mg/l, max	0.05	APHA 3500 Se C	<0.001
26	Manganese (as Mn)	mg/l, max	--	APHA 3111 B	0.067
27	Copper (as Cu)	mg/l, max	1.5	APHA 3111Cu B	<0.02
28	Zinc (as Zn)	mg/l, max	15	APHA 3111 B	0.33
29	Cadmium	mg/l, max	0.01	APHA 3111 B	<0.01
30	Lead (as Pb)	mg/l, max	0.1	APHA 3112 B	<0.01
31	Mercury (as Hg)	mg/l, max	--	APHA 3111 B	<0.004
32	Nickel (as Ni)	mg/l, max	--	APHA 3500As B	<0.1
33	Arsenic (as As)	mg/l, max	0.2	APHA 3111 B	<0.004
34	Total Chromium (as Cr)	mg/l, max	--	IS3025(P44)1993	<0.05
Any unusual feature observed during determination					Nil

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Microbiology Lab

Test Report No.: Envlab/23-24/TR-11833 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	SW5: Near Red Mud Pond Nalla	Sampled by	VCSPL'S Representative
Sample Description	Surface Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	25.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	24.11.2023	Test Completed on	04.12.2023

Sl. No	Parameters	Units	Standards as per IS 2296-Class C	Test methods	Results
1	Color	Hazen, max	300	APHA 2120 B	10
2	Odour	--	Agreeable	APHA 2150 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H+B	6.89
4	Suspended Solids	mg/l, max	--	APHA 2540 D	61.2
5	Total dissolved solids	mg/l, max	1500	APHA 2540 C	312.4
6	Temperature	^{0}C	--	--	25.4
7	Conductivity	µs/cm	--	APHA 2510 C	469.5
8	Ammonical Nitrogen (as NH_4-N)	mg/l, max	--	APHA4500 NH_3B	2.9
9	Total Kjeldahl Nitrogen (as N)	mg/l, max	--	APHA4500N_{Org}B	3.8
10	Oil & Grease	mg/l, max	0.1	APHA 5220 B	ND
11	Dissolved Oxygen (as DO)	mg/l, min	4	APHA 4500 O C	6.1
12	Biochemical Oxygen Demand (as BOD at 27^{0}C For 3 days)	mg/l, max	3.0	APHA 4500 P D	1.8
13	Chemical Oxygen Demand (as COD)	mg/l, max	--	APHA 3111 B	10.8
14	Free Ammonia (as NH_3)	mg/l, max	--	--	ND
15	Total Residual Chlorine (as RFC)	mg/l, min	--	APHA 4500 Cl B	ND
16	Iron (as Fe)	mg/l, max	50	APHA 3500 Fe B	0.25
17	Fluoride (as F)	mg/l, max	1.5	APHA 4500 F D	0.46
18	Hexavalent Chromium (as Cr^{+6})	mg/l, max	0.05	APHA 3500 Cr B	<0.02
19	Cyanide (as CN)	mg/l, max	0.05	APHA 4500 CN E	<0.01
20	Sulphide (as S)	mg/l, max	--	APHA 4500 S^{2-} F	<0.05
21	Nitrate (as NO_3)	mg/l, max	50	APHA4500NO_3^-B	8.8
22	Dissolved Phosphate (as PO_4)	mg/l, max	--	APHA 3111 B	0.82
23	Phenolic Compound (as C_6H_5OH)	mg/l, max	--	APHA 5530 C	<0.05
24	Bio-assay Test	mg/l, max	90% survival of fish after 96 hrs in 100% effluent	IS 6582	98%
25	Selenium (as S)	mg/l, max	0.05	APHA 3500 Se C	<0.001
26	Manganese (as Mn)	mg/l, max	--	APHA 3111 B	<0.05
27	Copper (as Cu)	mg/l, max	1.5	APHA 3111Cu B	<0.02
28	Zinc (as Zn)	mg/l, max	15	APHA 3111 B	0.42
29	Cadmium	mg/l, max	0.01	APHA 3111 B	<0.01
30	Lead (as Pb)	mg/l, max	0.1	APHA 3112 B	<0.01
31	Mercury (as Hg)	mg/l, max	--	APHA 3111 B	<0.004
32	Nickel (as Ni)	mg/l, max	--	APHA 3500As B	<0.1
33	Arsenic (as As)	mg/l, max	0.2	APHA 3111 B	<0.004
34	Total Chromium (as Cr)	mg/l, max	--	IS3025(P44)1993	<0.05
Any unusual feature observed during determination					Nil

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Food Lab
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Soil Lab
Mineral Lab
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Microbiology Lab

Test Report No.: Envlab/23-24/TR-11834 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	SW6: Chicken Neck Bridge (Near Dimundi)	Sampled by	VCSPL'S Representative
Sample Description	Surface Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	25.11.2023
Sample Condition	Ice Preserved (Sealed plastic & Sterilized bottle)		
Sampling Date	24.11.2023	Test Completed on	04.12.2023

Sl. No	Parameters	Units	Standards as per IS 2296-Class C	Test methods	Results
1	Color	Hazen, max	300	APHA 2120 B	10
2	Odour	--	Agreeable	APHA 2150 B	Agreeable
3	pH value	--	6.5-8.5	APHA 4500 H^+B	7.25
4	Suspended Solids	mg/l, max	--	APHA 2540 D	50.2
5	Total dissolved solids	mg/l, max	1500	APHA 2540 C	325.6
6	Temperature	^{0}C	--	--	25.3
7	Conductivity	µs/cm	--	APHA 2510 C	488.2
8	Ammonical Nitrogen (as NH_3-N)	mg/l, max	--	APHA4500 NH_3B	2.4
9	Total Kjeldahl Nitrogen (as N)	mg/l, max	--	APHA4500N_{org}B	3.5
10	Oil & Grease	mg/l, max	0.1	APHA 5220 B	ND
11	Dissolved Oxygen (as DO)	mg/l, min	4	APHA 4500 O C	5.9
12	Biochemical Oxygen Demand (as BOD at 27°C For 3 days)	mg/l, max	3.0	APHA 4500 P D	1.4
13	Chemical Oxygen Demand (as COD)	mg/l, max	--	APHA 3111 B	14.6
14	Free Ammonia (as NH_3)	mg/l, max	--	--	ND
15	Total Residual Chlorine (as RFC)	mg/l, min	--	APHA 4500 Cl B	ND
16	Iron (as Fe)	mg/l, max	50	APHA 3500 Fe B	0.28
17	Fluoride (as F)	mg/l, max	1.5	APHA 4500 F D	0.44
18	Hexavalent Chromium (as Cr^{+6})	mg/l, max	0.05	APHA 3500 Cr B	<0.02
19	Cyanide (as CN)	mg/l, max	0.05	APHA 4500 CN E	<0.01
20	Sulphide (as S)	mg/l, max	--	APHA 4500 S^{-2} F	<0.05
21	Nitrate (as NO_3)	mg/l, max	50	APHA4500NO_3 B	7.6
22	Dissolved Phosphate (as PO_4)	mg/l, max	--	APHA 3111 B	0.45
23	Phenolic Compound (as C_6H_5OH)	mg/l, max	--	APHA 5530 C	<0.05
24	Bio-assay Test	mg/l, max	90% survival of fish after 96 hrs in 100% effluent	IS 6582	97%
25	Selenium (as S)	mg/l, max	0.05	APHA 3500 Se C	<0.001
26	Manganese (as Mn)	mg/l, max	--	APHA 3111 B	<0.05
27	Copper (as Cu)	mg/l, max	1.5	APHA 3111Cu B	<0.02
28	Zinc (as Zn)	mg/l, max	15	APHA 3111 B	0.22
29	Cadmium	mg/l, max	0.01	APHA 3111 B	<0.01
30	Lead (as Pb)	mg/l, max	0.1	APHA 3112 B	<0.01
31	Mercury (as Hg)	mg/l, max	--	APHA 3111 B	<0.004
32	Nickel (as Ni)	mg/l, max	--	APHA 3500As B	<0.1
33	Arsenic (as As)	mg/l, max	0.2	APHA 3111 B	<0.004
34	Total Chromium (as Cr)	mg/l, max	--	IS3025(P44)1993	<0.05
Any unusual feature observed during determination					Nil

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Laboratory Services: Environment Lab, Food Lab, Material Lab, Soil Lab, Mineral Lab & Microbiology Lab

Test Report No.: Envlab/23-24/TR-11835 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Plant	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	04.11.2023, 08.11.2023, 11.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	03.11.2023, 07.11.2023, 10.11.2023	Test Completed on	08.11.2023, 13.11.2023, 16.11.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	03-11-2023	07-11-2023	10-11-2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H+B	7.36	7.45	7.22
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	58	63	70
3	Oil & grease	mg/l	10.0	APHA 5220-B	3.4	3.5	3.2
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO2-B	7.2	7.5	6.8
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	98.7	89.6	92.4
6	Biochemical Oxygen Demand (as BOD) ,3 Days at 27°C	mg/l	30	APHA 5210-B	19.4	21.4	21.9
7	Suspended Salids	mg/l	100	APHA 2540 D	44.6	46.8	51.4
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH3B	4.9	5.8	4.6
Any unusual feature observed during determination				Nil			

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Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR-11836 Date: 05.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Plant	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023, 18.11.2023, 21.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	14.11.2023, 17.11.2023, 20.11.2023	Test Completed on	20.11.2023, 23.11.2023, 27.11.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	14-11-2023	17-11-2023	20-11-2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H+B	7.34	7.42	7.39
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	79	68	84
3	Oil & grease	mg/l	10.0	APHA 5220-B	3.6	3.4	3.6
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO_3-B	7.8	6.4	6.8
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	99.4	105.4	97.6
6	Biochemical Oxygen Demand (as BOD) ,3 Days at 27°C	mg/l	30	APHA 5210-B	20.6	21.4	20.8
7	Suspended Solids	mg/l	100	APHA 2540 D	40.8	46.9	47.5
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH_3B	5.0	5.7	4.9
Any unusual feature observed during determination				Nil			

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Soil Lab
Mineral Lab
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Microbiology Lab

Test Report No.: Envlab/23-24/TR-11837 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Plant	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	24.11.2023, 29.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	23.11.2023, 28.11.2023	Test Completed on	30.11.2023, 04.12.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	23-11-2023	28-11-2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H⁺B	7.37	7.43
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	94	84
3	Oil & grease	mg/l	10.0	APHA 5220-B	3.4	3.7
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO_3-B	7.2	7.6
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	105.4	89.4
6	Biochemical Oxygen Demand (as BOD), 3 Days at 27°C	mg/l	30	APHA 5210-B	22.4	21.6
7	Suspended Solids	mg/l	100	APHA 2540 D	48.8	43.8
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH_3-B	4.6	5.2
Any unusual feature observed during determination					Nil	

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Microbiology Lab

Test Report No.: Enviab/Z3-24/TR-11838 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Nuapada	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	04.11.2023, 08.11.2023, 11.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	03.11.2023, 07.11.2023, 10.11.2023	Test Completed on	08.11.2023, 13.11.2023, 16.11.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	03-11-2023	07-11-2023	10-11-2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H+B	7.36	7.45	6.98
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	48	47	41
3	Oil & grease	mg/l	10.0	APHA 5220-B	2.8	3.1	2.9
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO_3-B	7.6	7.2	6.8
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	87.5	89.7	88.3
6	Biochemical Oxygen Demand (as BOD), 3 Days at 27°C	mg/l	30	APHA 5210-B	21.4	18.6	16.8
7	Suspended Solids	mg/l	100	APHA 2540 D	46.8	48.7	51.4
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH_3B	5.2	6.2	5.3
Any unusual feature observed during determination				Nil			

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Test Report No.: Envlab/23-24/TR-11839

Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Nuapada	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023, 18.11.2023, 21.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	14.11.2023, 17.11.2023, 20.11.2023	Test Completed on	20.11.2023, 23.11.2023, 27.11.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	14-11-2023	17-11-2023	20-11-2023
1	pH value at 25°C	-	6.5-9.0	APHA 4500H+B	7.21	7.14	6.98
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	63	49	48
3	Oil & grease	mg/l	10.0	APHA 5220-B	3.2	3.4	2.9
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO_3-B	6.5	4.8	6.3
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	89.5	86.7	92.1
6	Biochemical Oxygen Demand (as BOD), 3 Days at 27°C	mg/l	30	APHA 5210-B	21.8	18.6	17.5
7	Suspended Solids	mg/l	100	APHA 2540 D	46.8	53.4	55.8
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH3-B	5.7	3.8	5.2
Any unusual feature observed during determination				Nil			

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Test Report No.: Envlab/23-24/TR-11840 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Nuagada	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	24.11.2023, 29.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	23.11.2023, 28.11.2023	Test Completed on	30.11.2023, 04.12.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	23-11-2023	28-11-2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H⁺B	6.87	6.65
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	63	49
3	Oil & grease	mg/l	10.0	APHA 5220-B	3.1	3.4
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO_3-B	7.2	7.9
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	88.7	83.2
6	Biochemical Oxygen Demand (as BOD), 3 Days at 27°C	mg/l	30	APHA 5210-B	19.4	20.3
7	Suspended Solids	mg/l	100	APHA 2540 D	56.2	53.4
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH_3B	6.2	6.6
Any unusual feature observed during determination					Nil	

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Test Report No.: Enviab/23-24/TR-11841 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Oshapada	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	04.11.2023, 08.11.2023, 11.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	03.11.2023, 07.11.2023, 10.11.2023	Test Completed on	08.11.2023, 13.11.2023, 16.11.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	03.11.2023	07.11.2023	10.11.2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H+B	7.77	6.97	7.45
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	53	46	84
3	Oil & grease	mg/l	10.0	APHA 5220-B	2.5	2.2	3.6
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO_3-B	6.6	5.8	6.9
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	98.0	85.6	94.6
6	Biochemical Oxygen Demand (as BOD), 3 Days at 27°C	mg/l	30	APHA 5210-B	21.1	18.8	19.5
7	Suspended Solids	mg/l	100	APHA 2540 D	56.4	52.4	55.7
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH_3B	5.4	4.6	5.7
Any unusual feature observed during determination				Nil			

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Microbiology Lab

Test Report No.: Envlab/23-24/TR-11842 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Oshapada	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	15.11.2023, 18.11.2023, 21.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	14.11.2023, 17.11.2023, 20.11.2023	Test Completed on	20.11.2023, 23.11.2023, 27.11.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	14.11.2023	17.11.2023	20.11.2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H+B	6.88	7.25	7.44
2	Fecal Coli form (as FC)	MPN/100ml	-	APHA 9221 E	94	58	47
3	Oil & grease	mg/l	10.0	APHA 5220-B	2.8	3.6	3.8
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO3-B	7.0	6.5	6.6
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	97.3	86.7	88.4
6	Biochemical Oxygen Demand (as BOD), 3 Days at 27°C	mg/l	30	APHA 5210-B	19.7	18.6	20.5
7	Suspended Solids	mg/l	100	APHA 2540 D	50.7	57.4	48.8
8	Ammoniral Nitrogen	mg/l	50	APHA4500 NH3-B	6.3	5.4	5.8
Any unusual feature observed during determination				Nil			

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- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Enviab/23-24/TR-11843

Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Location & Code	Treated water (STP Outlet) Oshapada	Sampled by	VCSPL'S Representative
Sample Description	Sewage Water	Sampling Procedure	APHA 1060
Sample Source	M/s Utkal Alumina International Ltd	Sample Received on	24.11.2023, 29.11.2023
Sample Condition	Sealed Plastic & Sterilized Bottle		
Sampling Date	23.11.2023, 28.11.2023	Test Completed on	30.11.2023, 04.12.2023

Sl. No	Parameters	Unit	Standard (Inland Surface water) Part-A	Test methods	23.11.2023	28.11.2023
1	pH value at 25°C	-	5.5-9.0	APHA 4500H'B	7.68	6.95
2	Fecal Coli form (as FC)	MPN/100 ml	-	APHA 9221 E	63	58
3	Oil & grease	mg/l	10.0	APHA 5220-B	3.1	2.8
4	Total Nitrogen (as N)	mg/l	-	APHA 4500-NO_3-B	6.7	5.9
5	Chemical Oxygen Demand	mg/l	250	APHA 5220-C	86.3	85.4
6	Biochemical Oxygen Demand (as BOD), 3 Days at 27°C	mg/l	30	APHA 5210-B	21.6	19.4
7	Suspended Solids	mg/l	100	APHA 2540 D	51.0	54.6
8	Ammonical Nitrogen	mg/l	50	APHA4500 NH3B	5.7	5.2
Any unusual feature observed during determination					Nil	

Reviewed by

Approved by

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

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- Agricultural Development
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- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No.: Envlab/23-24/TR- 11846 Date: 06.12.2023

TEST REPORT

Customer Name & Address : M/s Utkal Alumina International Ltd, Tikiri, Rayagada

SAMPLE DETAILS

Sample Code	NA	Noise Measured By	VCSPL'S Representative
Sample Name	Source Noise	Sampling Procedure	IS 9989:2020
Sample Source	Source Noise Level (DGSET)	Sample Received On	NA
Sample Condition	NA	Test Completed On	NA

SL. No	Sampling Location	Date of Monitoring	Noise level dB (A) day time (6.00am to 10.00pm)				Noise level dB (A) night time (10.00pm to 06.00am)			
			Leq,	Lmax,	Lmin	L_{10}	Leq,	Lmax,	Lmin	L_{10}
01	Power plant 5 MV	27.11.2023	73.5	80.9	67.7	72.4	62.4	69.8	56.6	61.3
Standard as per Noise Rule 2000										
Industrial Area			75				70			
Any feature observed during determination		Nil								

VISIONTEK CONSULTANCY SERVICES PVT. LTD. Reviewed by

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- Quality Control & Project Management
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- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Test Report No: ENVLAB/23-24/TR-11845 Date:06.12.2023

TEST REPORT

Customer Name & Address : **M/s Utkal Alumina International Ltd, Tikiri, Rayagada**

SAMPLE DETAILS

Sample Location & Code	5 MVA DG Set, Power plant	Sampled by	VCSPL'S Representative
Sample Description	Source Emission	Sampling Procedure	IS 11255
Sample Source	Power Plant.	Sample Received on	28.11.2023
Sample Condition	Gaseous Sample Solution Refrigerated		
Sampling Date	27.11.2023	Test Completed on	01.12.2023

SL. No.	Name of the Parameters	Testing Methods	Units	Analysis Result
				27.11.2023
1.	Temperature	IS 11255(P-3) 2008	^0C	105
2.	Velocity	IS 11255(P-3) 2008	m/sec	14.26
3.	Particulate Matter as PM	IS 11255(Part-I):1985 RA 2014	mg/Nm^3	54.8
4.	Oxides of Nitrogen as NO_2	IS 11255 (P-7) 2005, RA 2017	mg/Nm^3	465.4
5.	CO	Flue gas analyser	mg/m^3	43.2
6.	NMHC	Flue gas analyser	mg/m^3	13.6

VISIONTEK CONSULTANCY SERVICES PVT. LTD. Reviewed by

VISIONTEK CONSULTANCY SERVICES PVT. LTD. Approved By

ANNEXURE R1/22

ADITYA BIRLA
UTKAL ALUMINA

UAIL/ENV/2024-25/11 **May 29, 2024**

To,

The Addl. Principal Chief Conservator of Forest (C)
MoEF & Climate Change, Govt. of India
Eastern Regional Office
A/3, Chandrasekhar
Bhubaneswar 751023.

Subject: Half yearly compliance Status of Environment Clearance condition pertaining to Alumina Refinery, M/s Utkal Alumina International Ltd, Doraguda for the period From **October'2023 to March'2024.**

Ref: You're Office Memorandum No. **J-11011/753/2007-IA II (I) dated 25.06.2018**

Dear Sir,

Pleased find enclosed herewith half yearly compliance status on Environmental Clearance pertaining to Alumina Refinery, M/s Utkal Alumina International Ltd, Doraguda for the period from **October'2023 to March'2024** with respect to our Expansion Project of Alumina Refinery (1.5 to 3.0 MTPA) and Co- Generation Power Plant (90 to 150 MW) vide **Ministry's letter No. J-11011/753/2007-IA II (I) dated 25.06.2018**

This is for your kind information and necessary record please.

Thanking you,
Yours faithfully,
For Utkal Alumina International Ltd.

Mazharullah Beig
Unit Head & President

Encl: As above.

Copy To: (i) Member Secretary, OSPCB, Bhubaneswar.
(ii) Regional Office, CPCB, Kolkata.
(iii) Regional Officer, OSPCB, Rayagada.

Status of conditions imposed in Environmental Clearance for proposed enhancement of production capacity of Alumina Refinery (1.5 to 3.0 MTPA) along with Cogeneration Power Plant (90 to 150 MW), F. No. J-11011/753/2007-IA. II (I) dated 25.06.2018

Name of the Project : UTKAL ALUMINA INTERNATIONAL LTD.

Clearance Letter No. and date : F. No. J-11011/753/2007-IA. II (I) dated 25.06.2018

Period of Compliance Report : 1st October 2023 to 31st March 2024

Sl. No.	Imposed Condition	Compliance Status
1	The PP shall implement recommendations of the approved Site-Specific Conservation Plan & Wildlife Management Plan in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report.	As per the recommendation of the study on Site-Specific Conservation Plan & Wildlife Management Plan, sum of Rs. 1, 17, 57,852/- has been deposited in the CAMPA fund for the purpose of implementation of various activities within the project impact area by the Forest Department as envisaged in the plan. However, awareness has been created in the periphery of the project site as per the plan.
2	The red mud already generated from the existing plant shall be stored in the red mud pond lined with impervious clay prior to use to prevent leakage, designed as per the CPCB guidelines with proper leachate collection system. Ground water shall be monitored regularly all around the red mud disposal area and report submitted to the Regional Office of the Ministry. Proper care shall be taken to ensure no runoff or seepage from the red mud disposal site to natural drainage. Plan shall be prepared and implemented for utilising the already generated red mud in a time bound manner.	being pumped back to the same process or collected in the supernatant water storage pond- C for continuous recycle & use in the process. iii. Drains have been provided adjacent to dyke of active pond- A/B and channelized to pond- C. iv. Water quality of nearby river is being monitored regularly to check contamination if any and the results are attached in Annexure-VI. Red Mud Utilization Plan: R&D scheme has been developed with various research laboratories like CRRI, IIT, IMMT, NML, and Cement Industries for its productive utilization in road construction applications, cement production and Mine void backfilling. Status of Pilot Study for Red Mud utilization in mine void backfilling: This is to further update about the progress made in the pilot project till date. The project is moving ahead with synchronisation of regulatory clearances from State Pollution Control Board and other authorities. 1. Approval of revised Mining and Progressive Mine Closure Plan incorporating the red mud pilot project has been obtained from Indian Bureau of Mines, Regional Office, Bhubaneswar. 2. CTE & CTO are obtained from OSPCB for Mine Void Filling of Red Mud in Pit1 having capacity of 35,000 Cum, at our Baphlimali Mines. 3. Red Mud mine void filling work is under progress.

		4. Air Pollution Control measures in form of mobile water sprinkling arrangements, vehicle mounted misting canons at fine handling areas, wheel washing facility for trucks, Tarpaulin tying platform are being provided. 5. Backfilling work started in Pit-1 from December'2022. 27328 MT red mud dispatched for Mines backfilling till March 2024. 49584 MT Red Mud supplied to UltraTech Cement, Maharashtra & Balaji Cement, AP. 4795 MT red mud dispatched to NHAI for road making.
3	Water spraying on the red mud pond shall be arranged to prevent fine dust from being blown off the stack. Longer-term treatment of the red mud shall include reclamation of the mud ponds, neutralization, covering with topsoil, and planting with vegetation.	Fixed rain gun water sprinkling system, fog cannon of capacity 12 KL is being provided at red mud pond for dust suppression. In addition to this, water tankers are being deployed for water sprinkling on haulage roads of the red mud pond. Presently, mud stacking is going on in Pond- A and pond B. However, the longer-term treatment will be prepared once the red mud pond is ready to be closed. And also, we are going for Pond extension of Pond-A. CTE obtained for the extension work.
4	Decanted water from red mud pond is collected in the Process Water Lake during the monsoon and the same water recycled back to the process through pumping arrangements.	Since filter plant is established to produce red mud in semi dry condition, no decant water from red mud pond is generated except the precipitation water collected during monsoon season. Red mud slurry from the plant is fed to Red Mud Filtration unit where in the dry mud cake is stacked in red mud pond and the filtrate is recycled back to the process. The decanted water (run-off) from the Red Mud Ponds is collected in Pond-C and the same water is entirely recycled back to the process through pumping arrangement.
5	100 % of the fly ash generated shall be utilised.	The plant is situated at a remote place and no cement industry exists within 150 km radius of the plant. However, we have developed local entrepreneurship to establish fly ash brick manufacturing units in coordination with Regional Industrial Centre, Rayagada and now 20 nos. of brick manufacturing units are established. For FY 2023-24, total ash utilization is 94%. 39448 MT & 45023 MT Fly Ash supplied to Brick Manufacturing Unit, & Cement Industries respectively. Fly ash supplied to NHAI road making was 128169 MT.
	The company shall construct separate RCC drains for carrying storm water inside the plant.	A dedicated RCC storm water drainage network has been provided connecting all drains and diverted to a pond, called Guard Pond for sedimentation & neutralisation if required.
7	The water drawl shall not exceed 20,000 m3/day (existing and the expansion project put together).	Intake Water drawn & used from San River is within the permissible limit of 20000 m3/day. Average daily drawl of water from October'2023 to March'2024 is 16740 m3/day.

8	An amount of Rs. 135.8 Crores (2.5% of Project cost of Rs. 5432.00 Crore) proposed towards Corporate Environmental Responsibility shall be utilized as capital expenditure in project mode. The project shall be completed in concurrence with the implementation of the expansion and estimated on the basis of Scheduled Rates.	Presently the plant is running at a production capacity of 2.67 MTPA. The CSR & ESC expenditure is attached as ***Annexure-II.***
9	Green belt shall be developed in 353 Ha equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Green belt is being developed preferring indigenous species during monsoon season of every year as per CPCB Guidelines. Till now an area of 353 Ha has been covered for green belt development against total acquired area of 1069.51 Ha which is 33 %. Target to plant 50,000 sapling in each year, which is 20 Ha Annually.
10	The Capital cost Rs. 255.00 Crore and annual recurring cost Rs. 5.55 Crores towards the environmental protection measures shall be earmarked separately. The funds so provided shall not be diverted for any other purpose.	Agreed. The funds earmarked for environmental protection is being utilized for the said purpose only. The total recurring annual expenditure during the financial year 2023-24 was Rs. 1247.00 lakh and the capital cost for FY2023-24 is 660 lakh respectively. The detail of the expenditure is enclosed as ***Annexure – III.***
11	Kitchen waste shall be composted or converted to biogas for further use.	Agreed.
12	The project proponent shall (Air Quality Monitoring):	
	a. install 24x7 continuous emission monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 742 (E) dated 30th August 1990 and thereafter amended vide G.S.R 46 (E) dated 3rd February 2006 (Aluminium); S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Continuous emission monitoring systems (CEMS) have been provided in the running Cogeneration thermal power plant and Calciners of the alumina refinery. These Continuous Emission monitoring systems have been connected with the servers of the OSPCB & CPCB for continuous online transmission of the data through RTDAS. The CEMS is calibrated as per the supplier specification. Remote calibration facility for the CPP gaseous emission has also been provided as per the CPCB guideline. Similar system shall be installed in the proposed expansion also.
	b. Monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Fugitive emission monitoring at specified locations in the plant is being carried out through NABL accredited laboratory and the analysis reports are attached in **Annexure-IV.**

	c. Install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO_2 and NOx in reference to SO_2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Four numbers of CAAQMS are in operation & as per the OSPCB directive to monitor the ambient air quality for the parameters PM_{10}, $PM_{2.5}$, SO_2, NO_2 and CO on continuous basis. Real-time data is connected to SPCB server.

d. submits monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring for calibrations of CEMS and manual monitoring of air quality /fugitive emission to Regional Office of MoEF&CC, Zonal office of SPCB along with six monthly monitoring report.

The results of continuous stack emission, manual stack monitoring and ambient air quality monitoring for the period October'2023 to March'2024 is attached as ***Annexure-V.***

The summary of stack emission & ambient air quality monitoring data during the period October'2023 to March'2024 is as below.

1. Stack Attached to Calciner - I

Parameter	Max.	Min.	Avg.	Norm
Particulate Matter (mg/Nm^3)	33.68	22.3	27.3	**50**

2. Stack Attached to Calciner - II

Parameter	Max.	Min.	Avg.	Norm
Particulate Matter (mg/Nm^3)	33.1	21.1	26.4	**50**

3. Stack Attached to Calciner - III

Parameter	Max.	Min.	Avg.	Norm
Particulate Matter (mg/Nm^3)	34.3	19.3	25.0	**50**

From the above test results, it is evident that parameters are within the norm prescribed in the EC & CTO and there is no deviation observed.

4. Stack Attached to Boiler, Unit-1 of Power Plant

Parameter	Max.	Min.	Avg.	Norm
Particulate Matter (mg/Nm^3)	43.5	36.7	40.5	**50**
SO_2 (mg/Nm^3)	487.5	429.5	445.4	**600**
NOx (mg/Nm^3)	251.2	210	235.7	**300**

5. Stack Attached to Boiler, Unit-2 of Power Plant

Parameter	Max.	Min.	Avg.	Norm
Particulate Matter (mg/Nm^3)	43.4	40.7	41.9	**50**
SO_2 (mg/Nm^3)	519.5	425.3	583.0	**600**
NOx (mg/Nm^3)	242.8	211.8	226.3	**300**

6. Stack Attached to Boiler, Unit-3 of Power Plant

Parameter	Max	Min	Avg	Norm
Particulate Matter (mg/Nm^3)	42.6	40.6	41.7	**50**
SO_2 (mg/Nm^3)	519.3	475.2	503.9	**600**
NOx (mg/Nm^3)	219.8	211.2	216.8	**300**

From the above test results, it is evident that parameters are within the norm prescribed in the EC & CTO and there is no deviation observed.

Ambient Air Quality (AAQ)

Parameter	Max.	Min.	Avg.	NAAQS
PM_{10} ($\mu g/m^3$)	59.8	55.9	57.2	**60**
$PM_{2.5}$ ($\mu g/m^3$)	29.3	26.5	27.5	**40**
SO_2 ($\mu g/m^3$)	20.8	15.3	18.4	**50**
NO_2 ($\mu g/m^3$)	28.3	22.3	25.03	**40**
CO (mg/m^3)	0.58	0.52	0.55	**4**

From the above test results, it is evident that all the parameters are within the prescribed standard of National Ambient Air Quality and there is no deviation from NAAQS.

13	The project proponent shall (Water Quality Monitoring):	
	a. install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 742 (E) dated 30thAugust 1990 and further amended vide G.S.R 46 (E) dated 3rd February 2006 (Aluminium); S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	The wastewater generated in the Alumina refinery are alkaline in nature. All these wastewaters from the process is centrally collected through a dedicated drainage system (RCC) in a concrete pond called the Caustic Pond, bottom lined with LDPE. The wastewater so collected is entirely recycled back to the process. Similarly, in the CPP, the blow down water from the Boilers and the Cooling Towers along with the DM Plant waste water are collected in a Holding Pond after sedimentation and neutralization. This water is also entirely reused for sprinkling in CHP, AHP, Roads and Ash conditioning. Similarly, the surface run-off water is also collected centrally in a pond called the Guard Pond having neutralization system at the inlet with continuous pH monitoring. This water is also entirely recycled into the process for Red Mud washing except during heavy rain fall. Thus, the wastewater generated is being reused in the process and no wastewater is discharged to outside the plant as the plant operates on a Zero Discharge principle. The zero-discharge condition is ensured by continuous surveillance through web camera and flow meter as per CPCB guidelines and the same also connected to the SPCB/CPCB server. Ground water quality is being monitored in and around the plant premises through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratory M/s VisonTek Consultancy Services PVT. Ltd. Bhubaneswar. Ground Water Analysis report is enclosed in Annexure-VI. Since, it is a Zero discharge plant, no effluents are being discharged. Surface run-off & storm water during monsoon season is discharged through the guard pond and the same is under continuous surveillance through IP Camera & flow meter which is hooked to CPCB/SPCB server. Hence continuous online effluent monitoring system has not installed. However, manual ground water quality is being monitored in and around the plant premises. Analysis report of Ground Water is enclosed in Annexure-VI.
	b. monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories; and	Ground water quality is being monitored in and around the plant premises through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratory M/s Visiontek Consultancy Services PVT. Ltd. Bhubaneswar. Ground Water Analysis report is enclosed in **Annexure-VI**.
	c. submits monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and	Since, it is a Zero discharge plant, no effluent is discharged outside. Surface run-off & storm water during monsoon season is discharged through the guard pond and the same is under continuous surveillance through IP Camera & flow meter which is hooked to CPCB/SPCB server. Hence continuous online effluent monitoring system has not installed. However, manual ground

	Regional Office of SPCB along with six-monthly monitoring report.	water quality is being monitored in and around the plant premises. Analysis report of Ground Water is enclosed in **Annexure-VI**.
14	The project proponent shall (Air Pollution Control):	
	a. ensures ambient air quality around the project site as prescribed under National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November 2009 (as amended from time to time).	Ambient air quality is being monitored by establishing six nos. of AAQ stations inside and outside the plant premises in addition to four CAAQMS. The summary of the ambient air quality monitoring data during the period October'2023 to March'2024 is as below. **Ambient Air Quality (AAQ)** **Parameter** / **Max.** / **Min.** / **Avg.** / **NAAQS** PM_{10} ($\mu g/m^3$) / 59.8 / 55.9 / 57.2 / **60** $PM_{2.5}$ ($\mu g/m^3$) / 29.3 / 26.5 / 27.5 / **40** SO_2 ($\mu g/m^3$) / 20.8 / 15.3 / 18.4 / **50** NO_2 ($\mu g/m^3$) / 28.3 / 22.3 / 25.03 / **40** CO (mg/m^3) / 0.58 / 0.52 / 0.55 / **4** From the above test results, it is evident that all the parameters are within the prescribed standard of National Ambient Air Quality and there is no deviation from NAAQS.
	b. provides appropriate Air Pollution Control (APC) system for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Existing: Electrostatic precipitator (ESPs) designed to control particulate matter emissions within 50 mg/Nm^3 and connected to the Three boilers of the Power Plant & Three Calciners of the Alumina Refinery with online continuous emission monitoring system. The following provisions have been made to control fugitive emission: a) Dry mud stacking system has been adopted by installing Red Mud Filtration Unit. Dry mud is being stacked by compacting and water sprinkling to check fugitive emission, with rain gun type water sprinklers. b) Bag filters have been provided at Bauxite crusher, coal crusher, calciner and alumina handling areas. c) Fixed high jet water spraying system have been installed at bauxite & coal handling areas. Wagon Tippler with dry fog system at coal unloading area and closed type pipe conveyor system have been provided. Fully covered conveyors with dust suppression system at

		transfer points for bauxite transportation have been provided. d) Two No's of wet scrubbers and Three no.'s of vacuum cleaner are provided at lime handling area.
	c. provides leakage detection and mechanised bag cleaning facilities for better maintenance of bags;	Bag filters have been provided with differential pressure transmitter which measures pressure of inlet and outlet, and any high differential pressure gives indication of blockage. We have monthly schedule of cloth cleaning and inspection to ensure better maintenance of the bags.
	d. provides sufficient number of mobile or stationery vacuum cleaners to clean plant roads, shop floors, roofs regularly;	Mechanised sweeping machine, industrial vacuum cleaners are being used to clean the plant roads, shop floors and other areas.
	e. ensures covered transportation and conveying of ore, coal, and other raw material to prevent spillage and dust generation	Bauxite is transported through state-of-the-art technology, Long Distance Conveyor (LDC). The entire conveyor length of 18.4 kms is covered with hood to prevent spillage & dust generation. Coal is conveyed through a pipe conveyor. Other raw materials like lime and coal are transported through rail and covered conveyor system inside the plant.
	f. provides covered sheds for raw materials like bauxite, coal, etc;	Covered shed is already provided at coal & lime and Bauxite Yard.
	g. recycles alumina dust collected in ESPs installed in calciner.	Alumina dust collected in ESP is recycled through pneumatic conveying system which is part of the design.
15	The project proponent shall (Water Pollution Control):	
	a. adheres to 'zero liquid discharge':	The concept of zero discharge is being strictly followed.
	b. provides Sewage Treatment Plant for domestic wastewater; and	The domestic wastewater after treatment in Sewage Treatment Plant (STP) is being utilized for green belt development. Analysis Report of STP treated water is enclosed in **Annexure-VII.**
	c. provides garland drains and collection pits for each stockpile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	The surface run-off water from bauxite & coal handling area is collected centrally in the RCC lined Settling Pond.
16	The project proponent shall (Water Conservation):	
	a. practice rainwater harvesting to maximum possible extent; and	Bayer's process is alkaline in nature and hence rainwater harvesting inside the plant is not possible. The rainwater during rainy season is being collected in guard pond, caustic pond, holding pond and RMP is reused in the process avoiding usage of fresh water. However, six recharge pits have been constructed to harvest roof top rainwater for ground water recharge at the township.
	b. reduces water consumption in bauxite beneficiation and alumina refinery by concentrating the solids in the tailings;	Bauxite beneficiation is not a part of our process. Hence, this not applicable to us. In this regard, we had already requested your good office to waive off this condition vide our letter no. UAIL/ENV/2018-19/96 dated 16.07.2018. However, the tailings from alumina refinery are being disposed using High Concentration Slurry Disposal (HCSD) having 60% solids to state of the art & latest red mud filtration (RMF) unit as per the CREP guidelines.

		Disposal of red mud through pressure filters having 80% solids on impervious ponds has saved water consumption due to water recycle in the form of filtrate of the RMF unit. Red Mud Filtration has helped in reducing water consumption.
17	The project proponent shall (Energy Conservation):	
	a. provides waste heat recovery system (pre-heating of combustion air) at the flue gases.	This is part of the design in the Calciner & CPP units. New 5th gen Calciner-3 from M/s FL Smidth & targeted 7% reduction in HFO specific Consumption by reducing skin temp.
	b. provides solar power generation on roof tops of buildings, for solar light system for all common areas, streetlights, parking around project area and maintain the same regularly; and	Solar power plant of capacity 5 MW is already installed & commissioned at our township during the month January 2020. The entire solar power generated is being utilised both in plant and township.
	c. Provide the project proponent for LED lights in their offices and residential areas.	LED lights have already been provided at plant as well townships.
18	Used refractories shall be recycled as far as possible.	
19	Oily scum and metallic sludge recovered from ETP shall be mixed, dried, and briquetted and reused.	It is an Alumina Refinery plant and site-specific effluent treatment facility have been provided and the treated effluents are being reused. There is no generation of oily scum and metallic sludge in the process. In this regard, we had already requested your good office to exclude this condition vide our letter no. UAIL/ENV/2018-19/96 dated 16.07.2018.
20	The project proponent shall prepare GHG emissions inventory and shall submit the programme for reduction of the same including carbon sequestration including plantation.	The source of GHG emissions is coal fired boilers of CPP and FO used Calciner Burners. Utilization of coal & FO has been reduced by optimizing energy utilization. The other programs are (i) commissioning of 5 MW solar energy Plant for fully utilization in plant & township (ii) mass plantation around the plant area. Noted for compliance.
21	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency Preparedness Plan based on HIRA and Disaster Management Plan has been prepared & implemented. The DMP is approved by the Director of Factories & Boilers, Odisha.
22	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Heat stress analysis of workmen of high temperature work zone is being carried out and PPEs like high temperature resistant suits are being provided as per the norms of Factory Act.
23	The project proponent shall adhere to the corporate environmental policy and system of the reporting of any infringements/ non-compliance of EC conditions at least once in a year to the Board of Directors and the copy of the board resolution shall be submitted to	Agreed, followed, and informed.

	the MoEF&CC as a part of six-monthly report.	
24	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses.	Ventilation systems were Provided for adequate air changes.
25	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Fly ash is being supplied to fly ash brick manufacturing units, cement industry, road making and land development. The agreement/order for lifting the fly ash with the brick manufacturers is attached as ***Annexure VIII.***
26	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Aluminium Industry shall be implemented.	As per CREP guideline, two issues (i) Phasing out of wet disposal of Red Mud & (ii) Utilisation of Red mud come under the purview of Alumina Refinery Plant. Red Mud is disposed using High Concentration Slurry Disposal (HCSD) with 60% solids to red mud filtration unit as per the CREP guidelines. The filtered cake is being stored in the impervious Bauxite residue pond. Utilisation plan is made as intimated in the earlier conditions.
27	A dedicated environmental cell with qualified personnel shall be established. The head of the environment cell shall report directly to the head of the organization.	An independent environment management cell has been established by the unit for monitoring of environmental parameters and implementation of effective control measures related to environment management. The head of the environment cell is directly reporting to the unit head of Utkal.
28	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Mobile toilets, sewage treatment plant, safe drinking water, medical health care unit, crèche etc. have been provided inside the proposed expansion site. As the existing plant is in running condition, the housing for the construction labour is provided outside the plant with all necessary infrastructure.
29	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Agreed & bring adhered.
30	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted & agreed.
31	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Hazardous waste is being disposed to the authorized recyclers/ reprocessors of CPCB as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.

<table>
<tr><td>32</td><td>The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) during daytime and 70 dB(A) during night-time.</td><td>Noise control measures have been implemented to maintain the noise levels within the norms. Noise level analysis report for the period October’2023 to March’2024 is enclosed at Annexure-IX.
The summary of noise during the period October’2023 to March’2024 is as below.

<table><tr><th>Area</th><th>Max</th><th>Min</th><th>Avg</th></tr><tr><td>Industrial (Day)</td><td>73.0</td><td>71.4</td><td>72.0</td></tr><tr><td>Industrial (Night)</td><td>65.9</td><td>63.2</td><td>59.9</td></tr><tr><td>Residential (Day)</td><td>50.4</td><td>47.9</td><td>49.0</td></tr><tr><td>Residential (Night)</td><td>39.3</td><td>38.4</td><td>38.9</td></tr></table>From the above test results, it is evident that Noise levels are within the prescribed norm and no deviation is observed from Ambient air quality standard in respect of Noise for industrial and residential areas.</td></tr>
<tr><td>33</td><td>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.</td><td>1. Pre-employment Health check-up is being carried out for all the employees at the time of joining.
2. As per The Factories Act –1948 periodical Health check-up is being carried out on annual basis for all the employees and records are maintained and submitted to the Director of Factories & Boilers, Odisha.</td></tr>
<tr><td>34</td><td>The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.</td><td>All the environmental protection measures and safeguards recommended in the EIA/EMP report are complied with and followed.</td></tr>
<tr><td>35</td><td colspan="2">The project proponent shall (Post-EC Monitoring):</td></tr>
<tr><td></td><td>a. sends a copy of environmental clearance letter to the heads of Local Bodies, Panchayat, Municipal bodies, and relevant offices of the Government;</td><td>Complied.</td></tr>
<tr><td></td><td>b. put on the clearance letter on the web site of the company for access to the public.</td><td>Complied. Environmental Clearance (EC) was uploaded in our company website (http://www.hindalco.com/upload/pdf/EC-alumina-refinery-expansion-power-plant-90MW-2018.pdf)</td></tr>
<tr><td></td><td>c. inform the public through advertisement within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at http:/envfor.nic.in.</td><td>The same was published in local newspapers namely “The political business daily” in English and “The Sambada Kalika” in Odia that are widely circulated in the region.</td></tr>
</table>

	d. uploads the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same periodically;	The status of compliance of the stipulated environmental clearance conditions including the results of monitored data is being submitted along with half yearly compliance report and the same is uploaded periodically in our website (http://www.hindalco.com/upload/pdf/utkal-half-yearly-ec-comp-April'23- September'23.pdf)
	e. monitors the criteria pollutants level namely, PM_{10}, SO_2, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company;	Ambient air quality and stack emission monitoring is being carried out and the results of the monitored parameters are displayed through digital display board provided at main gate for the public view. These monitored results are uploaded periodically in our website *http://www.hindalco.com/upload/pdf/utkal-alumina-half-yearly-compliance-report-April'23-September'23.pdf*
	f. submits six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB;	Six monthly reports are being submitted regularly to Regional Office of the Ministry at Bhubaneswar / Central Pollution Control Board / SPCB, Odisha within stipulated time. However, as per the new notification, six monthly compliance report is being submitted in soft copy.
	g. submits the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company;	Environment Statement for each financial year is being submitted annually to SPCB. The latest Environment Statement for 2020-21 was submitted to SPCB & MoEF & CC on 23-09-2021 & uploaded in the Company Website.
	h. informs the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Date of financial approval: 06.01.2018 Date of land development work: 24.08.2018
25	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
26	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted & agreed.
27	The PP shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent	All the commitments and recommendations made in the EIA/EMP report were complied.

28	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted
29	This EC is issued in suppression of the earlier EC vide F. No. J-11011/753/2007-IA-II(I) dated 29.01.2018	Noted
30	This is EC issued subject to the outcome of the court case in W.P.No. 5697 if 2007 (Prafulla Samantray Vs Union of India & Others) before High Court of Odisha.	The said W. P. No. 5697 of 2007 was dismissed as withdrawn being infructuous. The outcome of the W.P. issued by High Court of Odisha is submitted to your good office along with six monthly compliance report for the period Apr'19 to Sept'19 vide our letter no. UAIL/ENV/2019-20/25 dated 29-11-2019.Hence complied.
31	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

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- Infrastracture Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02644

Date: 28.05.2024

ANNEXURE-I

Ground Water Quality

Period: Oct 23 – Mar 24

Piezometer at Red Mud Pond 1

Sl. No.	Parameters	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.25	7.48	7.49	7.44	7.36	7.45
4	Turbidity	NTU ,Max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	255.0	255.0	258.8	260.0	256.5	251.3
6	Temperature	^{0}C	-	28.6	25.4	25.4	25.2	24.8	25.1
7	Conductivity	µS/cm	-	390.0	386.4	386.3	388.0	382.8	375.0
8	Calcium (as Ca)	mg/l, max	75	26.4	20.8	22.4	30.0	28.0	31.2
9	Chloride (as Cl)	mg/l, max	250	35.5	42.8	45.5	40.6	43.6	55.5
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.33	0.33	0.34	0.42	0.31	0.44
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.33	0.29	0.29	0.24	0.28	0.36
14	Magnesium (as Mg)	mg/l, max	30	13.0	13.7	15.1	16.1	17.8	18.2
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium (as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO_4	mg/l, max	200	26.5	26.5	28.7	31.6	28.6	32.6
21	Total Alkalinity	mg/l, max	200	89.5	56.6	99.8	102.3	106.9	112.4
22	Total Hardness	mg/l, max	200	120.0	109.0	119.0	142.0	144.0	154.0
23	Zinc (as Zn)	mg/l, max	5	0.22	0.34	0.39	0.48	0.49	0.36
24	Cadmium (as Zn)	mg/l,Max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l,Max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l,Max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury(as Hg)	mg/l,Max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l,Max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l,Max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

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- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Enviab/23-24/TR-02645

Date: 28.05.2024

ANNEXURE-I

Ground Water Quality

Period: Oct 23 – Mar 24

Piezometer at Red Mud Pond 2

Sl. No.	Parameters	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	–	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	–	6.5-8.5	7.28	7.43	7.25	7.35	7.42	7.65
4	Turbidity	NTU ,Max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	230.0	250.8	258.2	258.6	263.0	271.4
6	Temperature	^{0}C	-	28.1	25.8	25.8	26.3	25.6	25.3
7	Conductivity	µS/cm	-	360.0	380.0	385.4	386.0	392.6	405.0
8	Calcium (as Ca)	mg/l, max	75	26.0	26.7	25.2	29.2	31.2	29.6
9	Chloride (as Cl)	mg/l, max	250	39.5	35.8	44.6	41.8	43.6	58.4
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.4	0.39	0.35	0.44	0.49	0.52
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.3	0.36	0.36	0.33	0.35	0.42
14	Magnesium (as Mg)	mg/l, max	30	12.0	13.8	17.0	17.0	17.8	17.0
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium (as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO_4	mg/l, max	200	30.6	34.8	31.2	33.6	31.5	36.6
21	Total Alkalinity	mg/l, max	200	86.5	85.4	102.5	112.5	108.9	109.6
22	Total Hardness	mg/l, max	200	90.0	124.4	134.0	144.0	152.0	145.0
23	Zinc (as Zn)	mg/l, max	5	0.35	0.26	0.28	0.33	0.39	0.38
24	Cadmium (as Zn)	mg/l,Max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l,Max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l,Max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury(as Hg)	mg/l,Max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l,Max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l,Max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

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- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02646

Date: 28.05.2024

ANNEXURE-I

Ground Water Quality

Period: Oct 23 – Mar 24

Piezometer at Red Mud Pond 3

Sl. No.	Parameters	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.6	7.45	7.31	7.28	7.45	7.62
4	Turbidity	NTU ,Max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	238.0	435.1	426.1	432.2	405.9	410.0
6	Temperature	^{0}C	-	26.5	25.1	25.1	25.6	25.2	25.2
7	Conductivity	µS/cm	-	365.0	659.2	636.0	645.0	605.8	612.0
8	Calcium (as Ca)	mg/l, max	75	18.0	23.8	24.4	27.6	26.0	28.0
9	Chloride (as Cl)	mg/l, max	250	48.6	41.4	65.8	66.5	58.6	56.9
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.38	0.41	0.52	0.56	0.56	0.53
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.3	0.28	0.28	0.29	0.22	0.36
14	Magnesium (as Mg)	mg/l, max	30	13.2	13.4	16.1	16.1	17.8	17.3
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium (as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO_4)	mg/l, max	200	33.6	25.6	29.6	31.5	30.6	35.5
21	Total Alkalinity	mg/l, max	200	86.5	88.1	96.7	105.6	98.9	105.6
22	Total Hardness	mg/l, max	200	100.0	115.2	128.0	136.0	139.0	142.0
23	Zinc (as Zn)	mg/l, max	5	0.2	0.21	0.33	0.39	0.48	0.44
24	Cadmium (as Zn)	mg/l,Max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l,Max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l,Max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury(as Hg)	mg/l,Max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l,Max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l,Max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

Annexure-II	
CSR Expenditure (FY 2023-24) **Utkal Alumina International Ltd. Doraguda, Rayagada**	
Corporate Social Responsibility Focus Areas	**Amount in Rs.**
A. Health Care,Eradicating Hunger, Poverty and Malnutrition	
Preventive Health Care	1,49,00,470.32
Curative Health Care Program	7,89,55,436.55
Quality/Support Program	3,95,90,571.28
Reproductive and Health Care Program	9,31,332.54
Health Infrastructure	2,05,62,725.09
Sub Total (A)	**15,49,40,535.78**
B. Promoting Education and Employment Enhancing Vocation Skills	
School Education Program	3,60,10,923.60
Education Support Programs	63,425.00
School Infrastructure	28,87,240.21
Pre School Education	16,35,733.01
Sub Total (B)	**4,05,97,321.82**
C. Social Empowerment ,Promoting Gender Equality, Empowering Women	
Institutional building & strengthening	-
Social Security	25,72,407.20
Awareness Programmes	44,78,948.60
Social Events to minimise causes of poverty	4,72,671.66
Sub Total (C)	**75,24,027.46**
D. Ensuring Environmental Sustainability	
Agriculture and Farm Based	1,70,94,021.19
Animal Husbandry	0.00
Non farm & Skills based income generation program	1,29,39,590.61
Natural Resource conservation programs & Non conventional Energy	1,12,77,000.39
Livelihood infrastructure	39,82,329.45
Sub Total (D)	**4,52,92,941.64**
E. Promotion of Heritage/Art and Culture/Sports	62,82,258.00
F. Promotion of Sports	1,70,87,360.00
G. Rural Infrastructure Development	5,40,25,553.38
H. Disaster Relief Program's	0.00
Grand Total	**32,57,49,998.1**

Annexure-II	
ENTERPRISE SOCIAL COMMITMENT (FY 2023-24) **Utkal Alumina International Ltd. Doraguda, Rayagada**	
Enterprise Social Commitment	**Amount in Rs.**
(A) Health Care,Eradicating Hunger, Poverty and Malnutrition	
Preventive Health Care	0.00
Curative Health Care Program	0.00
Quality/Support Program	0.00
Health Infrastructure	33,92,743.00
Sub Total (A)	**33,92,743.00**
(B) Promoting Education and Employment Enhancing Vocation Skills	
School Education Program (SEP)	0.00
School Infrastructure	2,18,06,362.00
Sub Total (B)	**2,18,06,362.00**
(C) Social Empowerment ,promoting gender equality, empowering women	
Social Security	2,00,000.00
Sub Total (C)	**2,00,000.00**
(D) Ensuring environmental sustainability	
Agriculture and Farm Based	0.00
Non farm & Skills based income generation program	0.00
Livelihood Infrastructure	0.00
Sub Total (D)	**0.00**
(E) Promotion of Heritage/Art and Culture/Sports	
(F) Promotion of Sports	0.00
(G) Rural Infrastructure Development	0.00
Grand Total	**2,53,99,105.00**

Annexure-III

Utkal Alumina International Ltd.

Capital Cost for Environmental Protection Measures for FY2023-24

Sl. No.	Particulars	Name of Equipment	Rs. In Lakhs
I	**AIR POLLUTION CONTROL**		
1	Portable vacuum machine	Calcination	36
2	installation of corrugated sheet fixing at IJH	IJH	23
3	Installation of DFDS	IJH	1.68
6	Sheeting work in Rod mill area		60
7	Sheeting work in LDC area		8.9
8	Empty bag shed and plant sheeting work at MOL		65
	Sub-Total (I)		**195**
II	**WATER POLLUTION CONTROL**		
1	Domestic effluent treatment plant		0
2	Industrial ETP		0
3	Storm water drains, Caustic drain	Refinery	83
4	Caustic Pond/Guard Pond		0
5	Sewage System		0
6	Ash Pond/Red Mud Pond lining		0
7	Sump Pit & Pumps		35
	Sub-Total (II)		**118**
III	**NOISE POLLUTION CONTROL**		59
IV	**ENV. MONITORING AND LAB INSTRUMENTS**		113
V	**OCCUPATIONAL HEALTH & FIRE FIGHTING SYSTEM**		
1	Occupational Health Equipment		16
2	Fire Fighting Equipment & Network System		58
VI	**GREEN BELT & PLANTATION**		117
VII	**RAIN WATER HARVESTING**		0
	GRAND TOTAL		**660**

Recurring Annual Cost for Environmental Protection Measures for FY2023-24

Sl. No.	Particulars	Rs. In Lakhs
1	Air Pollution Control	423.31
2	Water Pollution Control	291.40
3	Waste Management	85.89
4	Noise Pollution Control	59.00
5	Environmental Monitoring and Management	201.43
6	Occupational Health	65.00
7	Green Belt & Plantation	117.16
8	Other(Environmental Studies, Expert advice etc.)	3.70
	Total	**1247**

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- Mine Planning & Design
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Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02647 Date: 28.05.2024

ANNEXURE-IV

Ambient Air Quality (FUGITIVE DUST) Monitoring Results
Period: Period: Oct 23 – Mar 24 (Monthly Average Values)

	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	
Parameters	SPM ($\mu g/m^3$)	SPM ($\mu g/m^3$)	SPM ($\mu g/m^3$)	SPM ($\mu g/m^3$)	SPM ($\mu g/m^3$)	SPM ($\mu g/m^3$)	Half Yearly Average
Alumina Handling Area	82.4	84.6	79.6	82.5	83.6	84.3	82.83
Bauxite Handling Area	75.1	81.3	82.8	83.2	80.4	82.6	81.07
Lime Handling Area	87.8	82.4	78.8	84.5	85.3	81.6	83.40
Coal Handling Area	84.1	83.6	81.4	80.4	81.8	82.6	82.32
Meterial Gate	80.2	81.2	78.6	78.5	83.4	84.3	81.03
Ash Handling Area	86.2	79.8	78.2	80.3	79.6	80.2	80.72
Traffic center	85.2	86.4	88.4	84.7	83.4	79.9	84.67
Rod Mill Area	83.8	84.6	81.2	83.2	82.4	81.6	82.80

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Mineral Lab
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Microbiology Lab

Ref: Envlab/23-24/TR-02648

Date: 28.05.2024

ANNEXURE-V

Stack Monitoring Results
Period: Oct 23 – Mar 24 (Monthly Average Values)

1. Stack Attached to Calciner - I

Parameter	Prescribed Standard	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Six Months Average
Temperature °C	....	166	167.3	168.5	170.0	170.8	172.0	169.1
Velocity m/sec	....	6.72	6.6	6.7	6.6	7.2	7.1	6.82
Particulate Matter mg/Nm³	50	33.68	33.1	22.3	14.2	24.8	25.8	27.3
SO_2 (mg/Nm³)	....	236.7	250.3	240.3	240.5	238.8	235.5	240.4
NOx (mg/Nm³)	....	139.8	146.9	142.5	142.7	142.4	140.5	142.5

2. Stack Attached to Calciner - II

Parameter	Prescribed Standard	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Six Months Average
Temperature °C	....	167.8	166.0	166.8	167.5	168.3	168.5	167.5
Velocity m/sec	....	7.08	6.4	6.4	6.4	6.9	7.1	6.7
Particulate Matter mg/Nm³	50	33.1	32.7	21.1	23.5	24.1	23.9	26.4
SO_2 (mg/Nm³)	....	239	249.6	242.0	242.9	240.6	239.1	242.2
NOx (mg/Nm³)	....	137.8	150.9	149.0	152.4	154.8	150.4	149.2

3. Stack Attached to Calciner - III

Parameter	Prescribed Standard	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Six Months Average
Temperature °C	....	171.8	175.75	172.00	176.25	175.25	173.75	174.1
Velocity m/sec	....	6.94	7.4	7.2	7.4	7.5	7.5	7.3
Particulate Matter mg/Nm³	50	31.8	34.3	19.3	20.9	22.3	21.7	25.0
SO_2 (mg/Nm³)	....	223.5	224.8	223.5	224.3	223.6	218.2	223.0
NOx (mg/Nm³)	....	150	155.6	146.5	146.2	148.2	145.1	148.6

4. Stack Attached to Boiler, Unit-1 of Power Plant

Parameter	Prescribed Standard	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Six Months Average
Temperature °C	....	119.8	116.0	115.9	114.5	116.0	120.0	116.9
Velocity m/sec	....	12	12.8	12.8	13.2	13.6	13.5	13.0
Particulate Matter mg/Nm³	50	43.5	42.1	40.9	40.9	38.8	36.7	40.5
SO_2 (mg/Nm³)	600	487.5	442.7	442.1	439.8	429.5	430.9	445.4
NOx (mg/Nm³)	300	210	251.2	246.0	242.4	233.4	231.4	235.7

5. Stack Attached to Boiler, Unit-2 of Power Plant

Parameter	Prescribed Standard	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Six Months Average
Temperature °C	....	125	118.3	118.3	119.3	119.0	122.8	120.9
Velocity m/sec	....	12.39	13.2	13.5	13.6	13.5	14.6	13.5
Particulate Matter mg/Nm³	50	40.4	43.4	42.7	42.4	42.7	40.7	41.9
SO_2 (mg/Nm³)	600	519.5	441.6	441.1	438.5	426.4	425.3	450.3
NOx (mg/Nm³)	300	226.3	242.8	239.3	235.9	211.8	213.8	225.7

6. Stack Attached to Boiler, Unit-3 of Power Plant

Parameter	Prescribed Standard	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Six Months Average
Temperature °C	....	125.8	123.5	125.3	124.3	125.8	123.3	124.1
Velocity m/sec	....	13.1	14.4	14.7	14.6	14.8	13.0	14.2
Particulate Matter mg/Nm³	50	40.9	40.6	40.9	42.6	42.6	42.6	41.7
SO_2 (mg/Nm³)	600	513.5	519.3	513.1	507.9	482.4	475.2	503.9
NOx (mg/Nm³)	300	223.8	219.8	218.4	213.8	211.2	215.4	216.8

Note : No deviation is observed and all the values are within the standard prescribed under EC & CTO

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Ref: Envlab/23-24/TR-02649

Date: 28.05.2024

ANNEXURE-V

Ambient Air Quality (AAQ) Monitoring Results

Period: Oct 23 – Mar 24 (Monthly Average Values)

AAQ-1: Admin Building	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³
Oct-23	52.4	25.9	13.8	25.3	0.50
Nov-23	62.7	31.6	18.5	24.4	0.52
Dec-23	56.6	27.8	16.4	19.5	0.49
Jan-24	58.8	28.9	17.4	22.6	0.53
Feb-24	63.0	29.6	16.7	24.5	0.55
Mar-24	65.3	32.0	16.6	24.4	0.55
Six Months Average	**59.8**	**29.3**	**16.6**	**23.4**	**0.52**
AAQ-2: Doraguda	**PM_{10} µg/m³**	**$PM_{2.5}$ µg/m³**	**SO_2 µg/m³**	**NO_2 µg/m³**	**CO mg/m³**
Oct-23	52.1	26.9	13.7	22.3	0.59
Nov-23	60.7	30.2	15.9	23.4	0.61
Dec-23	53.1	25.1	13.6	18.8	0.49
Jan-24	56.6	27.0	16.4	21.7	0.60
Feb-24	62.4	29.4	16.3	23.4	0.63
Mar-24	63.0	31.1	15.8	24.2	0.59
Six Months Average	**58.0**	**28.3**	**15.3**	**22.3**	**0.58**
AAQ-3: Dimundi Boundary Side	**PM_{10} µg/m³**	**$PM_{2.5}$ µg/m³**	**SO_2 µg/m³**	**NO_2 µg/m³**	**CO mg/m³**
Oct-23	53.4	26.8	13.4	22.7	0.50
Nov-23	56.2	28.3	19.8	25.2	0.54
Dec-23	55.4	24.7	15.4	20.4	0.45
Jan-24	58.1	27.5	17.6	23.7	0.58
Feb-24	59.8	27.1	17.0	25.4	0.62
Mar-24	59.7	29.6	17.6	22.5	0.56
Six Months Average	**57.1**	**27.3**	**16.8**	**23.3**	**0.54**

Note : No deviation from the NAAQS is observed and all the values are within the standard prescribed under National Ambient Air Quality Standards (NAAQS)

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Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02650

Date: 28.05.2024

ANNEXURE-V

Ambient Air Quality (AAQ) Monitoring Results

Period: Oct 23 – Mar 24 (Monthly Average Values)

AAQ-4: BSNL Tower	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³
Oct-23	52.2	24.5	13.9	23.9	0.50
Nov-23	60.9	30.5	20.7	26.0	0.59
Dec-23	52.1	22.9	19.9	21.5	0.51
Jan-24	57.0	26.3	22.6	26.0	0.59
Feb-24	60.5	26.5	25.0	31.0	0.61
Mar-24	57.8	28.4	22.6	30.9	0.56
Six Months Average	**56.8**	**26.5**	**20.8**	**26.5**	**0.56**
AAQ-5: Nuapada	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³
Oct-23	52.5	26.2	12.6	22.6	0.60
Nov-23	59.5	30.1	21.7	28.7	0.59
Dec-23	52.0	24.9	20.2	23.3	0.51
Jan-24	56.8	25.9	22.2	25.7	0.55
Feb-24	56.6	26.1	22.8	28.9	0.54
Mar-24	58.2	28.9	23.8	29.3	0.55
Six Months Average	**55.9**	**27.0**	**20.6**	**26.4**	**0.56**
AAQ-6: Training Center	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³
Oct-23	53.7	25.7	14.3	21.7	0.50
Nov-23	55.9	28.1	20.3	31.5	0.62
Dec-23	50.8	23.4	17.3	22.0	0.48
Jan-24	56.1	26.2	26.0	31.8	0.54
Feb-24	59.0	26.5	21.7	31.3	0.56
Mar-24	59.7	29.3	24.7	31.8	0.56
Six Months Average	**55.9**	**26.6**	**20.7**	**28.3**	**0.54**

Note : No deviation from the NAAQS is observed and all the values are within the standard prescribed under National Ambient Air Quality Standards (NAAQS)

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Microbiology Lab

Ref: Enviab/23-24/TR-02651

Date: 28.05.2024

ANNEXURE-VI

Ground Water Quality

Period: Oct 23 – Mar 24

GW1: Kuchipadar

Sl. No.	Parameters	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.56	7.66	7.64	7.55	7.66	7.59
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	290.0	282.1	292.1	296.1	298.7	304.85
6	Temperature	^{0}C	-	26.5	25.3	26.6	25.4	26.5	25.2
7	Conductivity	µS/cm	-	468.0	422.5	436.0	442.0	445.8	455
8	Calcium (as Ca)	mg/l, max	75	18.0	23.4	26.4	20.8	22.1	20.8
9	Chloride (as Cl)	mg/l, max	250	46.5	44.5	48.9	52.6	55.6	65.5
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.2	0.33	0.42	0.45	0.43	0.43
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.21	0.25	0.36	0.33	0.35	0.33
14	Magnesium (as Mg)	mg/l, max	30	12.7	12.9	13.0	13.4	11.3	13.2
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	20.6	22.3	32.4	35.5	39.9	45.6
21	Total Alkalinity	mg/l, max	200	85.5	95.6	98.8	105.6	103.2	108.9
22	Total Hardness	mg/l, max	200	98.0	112.3	122.0	108.0	102.8	106.8
23	Zinc (as Zn)	mg/l, max	5	0.2	0.26	0.36	0.38	0.42	0.33
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

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Ref: Enviab/23-24/TR-02652

Date: 28.05.2024

Ground Water Quality

Period: Oct 23 – Mar 24

GW2: Baghrijhala

Sl. No.	Parametres	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.35	7.36	7.33	7.35	7.39	7.68
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	303.0	275.5	302.8	301.5	312.1	309.5
6	Temperature	°C	-	26.5	25.1	25.4	23.5	25.8	25.1
7	Conductivity	µS/cm	-	466.0	435.5	452.0	450.0	465.8	462.0
8	Calcium (as Ca)	mg/l, max	75	22.0	25.6	25.6	23.2	20.6	23.2
9	Chloride (as Cl)	mg/l, max	250	46.3	46.5	52.4	55.4	54.8	55.9
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.3	0.25	0.33	0.36	0.42	0.44
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.22	0.21	0.32	0.42	0.32	0.28
14	Magnesium (as Mg)	mg/l, max	30	10.8	13.9	16.3	13.0	14.0	13.2
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	23.4	21.9	25.7	31.5	36.9	44.8
21	Total Alkalinity	mg/l, max	200	94.6	98.7	102.0	108.2	108.9	106.5
22	Total Hardness	mg/l, max	200	100.0	121.9	132.0	112.0	108.6	113.0
23	Zinc (as Zn)	mg/l, max	5	0.18	0.28	0.21	0.25	0.33	0.36
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02653

Date: 28.05.2024

Ground Water Quality

Period: Oct 23 – Mar 24

GW3: Dimundi

Sl. No.	Parameters	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.36	7.42	7.65	7.77	7.69	7.77
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	315.0	312.2	326.3	330.3	325.6	328.3
6	Temperature	°C	-	26.5	25.4	25.8	24.8	24.9	25.5
7	Conductivity	µS/cm	-	470.0	465.5	487.0	493.0	485.9	490.0
8	Calcium (as Ca)	mg/l, max	75	24.0	22.6	20.0	21.6	22.8	25.6
9	Chloride (as Cl)	mg/l, max	250	45.3	48.3	51.8	55.8	51.6	58.4
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.28	0.29	0.36	0.48	0.46	0.39
12	Free residual Chlorine	mg/l, min	0.1	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.2	0.22	0.23	0.38	0.39	0.36
14	Magnesium (as Mg)	mg/l, max	30	12.0	14.1	14.1	11.8	12.5	14.6
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	32.5	23.6	25.4	32.8	31.2	45.6
21	Total Alkalinity	mg/l, max	200	88.6	93.6	96.5	100.6	105.6	112.6
22	Total Hardness	mg/l, max	200	110.0	115.4	108.9	103.3	108.8	125.0
23	Zinc (as Zn)	mg/l, max	5	0.29	0.26	0.31	0.36	0.39	0.42
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

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- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02654

Date: 28.05.2024

Ground Water Quality

Period: Oct 23 – Mar 24

GW4: Lachuguda

Sl. No.	Parameters	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.63	7.69	7.48	7.54	7.58	7.65
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	238.0	265.3	283.4	285.4	301.9	302.8
6	Temperature	^{0}C	-	26.8	25.3	25.4	25.1	25.6	25.2
7	Conductivity	µS/cm	-	398.0	412.5	423.0	426.0	435.6	452.0
8	Calcium (as Ca)	mg/l, max	75	34.2	22.2	22.8	20.0	22.1	25.6
9	Chloride (as Cl)	mg/l, max	250	36.2	45.9	50.6	54.3	51.8	56.9
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.40	0.34	0.42	0.45	0.44	0.36
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.27	0.23	0.29	0.36	0.38	0.30
14	Magnesium (as Mg)	mg/l, max	30	5.6	12.9	13.3	13.2	11.6	14.4
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	21.2	24.7	28.4	28.9	29.8	46.8
21	Total Alkalinity	mg/l, max	200	74.6	94.6	97.6	98.7	102.5	109.6
22	Total Hardness	mg/l, max	200	107.5	109.3	112.4	105.0	103.6	124.0
23	Zinc (as Zn)	mg/l, max	5	0.27	0.22	0.29	0.34	0.32	0.44
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

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- Infrastructure Engineering
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- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02655

Date: 28.05.2024

Ground Water Quality

Period: Oct 23 – Mar 24

GW5: Bhitur Muchikumi

Sl. No.	Parametres	Unit	IS-10500 Standards	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.3	7.66	7.52	7.65	7.25	7.36
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	250.0	227.7	231.2	238.5	242.9	245.2
6	Temperature	^{0}C	-	28.6	25.3	25.3	25.8	24.6	25.2
7	Conductivity	µS/cm	-	390.0	345.0	345.0	356.0	362.5	366.0
8	Calcium (as Ca)	mg/l, max	75	23.2	23.6	25.2	26.4	29.0	30.4
9	Chloride (as Cl)	mg/l, max	250	43.8	36.6	37.8	42.5	58.6	63.5
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.4	0.36	0.42	0.46	0.55	0.45
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.21	0.25	0.25	0.26	0.32	0.42
14	Magnesium (as Mg)	mg/l, max	30	12.9	12.7	15.6	16.6	16.6	18.9
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	35.6	32.4	36.6	32.5	30.5	33.6
21	Total Alkalinity	mg/l, max	200	82.4	98.8	102.3	106.5	112.5	106.6
22	Total Hardness	mg/l, max	200	112.0	112.0	128.0	135.0	145.0	155.0
23	Zinc (as Zn)	mg/l, max	5	0.2	0.36	0.42	0.46	0.41	0.42
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

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- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02656

Date: 28.05.2024

ANNEXURE-VII

Treated Water (STP Outlet)Plant
Period: Oct 23 – Mar 24 (Monthly Average Values)

SL. No.	Parameters	Units	Standards (Inland Surface Water) Part-A	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Six Month Average
1	pH value		5.5-9.0	7.38	7.37	7.45	7.50	7.50	7.57	7.46
2	Faecal Coliform	MPN/100ml	--	65.0	74.4	54.9	63.4	52.8	47.1	59.6
3	Oil & Grease	mg/l, Max	10	3.5	3.5	4.4	4.5	5.1	5.7	4.45
4	N-Total	mg/l, Max	--	7.4	7.2	6.7	6.4	6.6	7.6	7.0
5	COD	mg/l, Max	250	100.1	97.2	82.1	79.4	85.2	93.6	89.60
6	BOD, 3 Days at 27°C	mg/l, Max	30	18.2	21.2	20.7	19.9	19.5	17.4	19.5
7	Suspended Solid	mg/l, Max	100	44.7	46.3	47.9	53.7	56.4	57.0	51.00
8	Ammonical Nitrogen (as NH_3-N)	mg/l, Max	100	5.8	5.1	5.8	5.7	6.4	8.2	6.2

Reviewed by:

Approved by:

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1293

PURCHASE ORDER (Domestic)

Vendor Code	: 1000332		
Vendor	: AMA INDUSTRY	PO. Number	: 13692315800
Site	: S1-RAYAGADA	Creation Date	: 16-AUG-2023
Address	: DORA SAHI, MAIN ROAD	Amendment No.	:
	TIKIRI	Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21FGPPS4282A1Z3	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7783021093
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	60.000	1700.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			102,000.00

Item Total Value : 102,000.00

Total Purchase Order Value : 102,000.00

Value in Words (INR) :(One Lakh Two Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1294

PURCHASE ORDER (Domestic)

Vendor Code	: 10011942		
Vendor	: KALINGA FLYASH GREEN BRICK	PO. Number	: 13692315802
Site	: S1-RAYAGADA	Creation Date	: 16-AUG-2023
Address	: TIKIRI	Amendment No.	:
	KASHIPUR	Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21OPO5532951Z0	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	75.000	1700.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,27,500.00

Item Total Value : 1,27,500.00

Total Purchase Order Value : 1,27,500.00

Value in Words (INR) : (One Lakh Twenty Seven Thousand Five Hundred Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1295

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
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Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360101/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10012981		
Vendor	: L.G.FLY ASH BRICKS	PO. Number	: 13692315803
Site	: S1-RAYAGADA	Creation Date	: 16-AUG-2023
Address	: TIKIRI	Amendment No.	:
		Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21ADIPT7274H2ZM	Email	: chinmaya.dash@adityabirla.com
Email	: tripatiprasad456@gmail.com		
Contact Person	: CHHABILATA TULO	Phone No.	: 7735021092
Mobile	: 9437719701	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000080367	0	TRIP	75.000	1700.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,27,500.00
		Item Total Value :	1,27,500.00
		Total Purchase Order Value :	1,27,500.00

Value in Words (INR) : (One Lakh Twenty Seven Thousand Five Hundred Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1296

PURCHASE ORDER (Domestic)

Vendor Code	: 10013729		
Vendor	: MAA KALI INDUSTRIES	PO. Number	: 13692315805
Site	: S1-KORAPUT	Creation Date	: 16-AUG-2023
Address	: BANDHAR, BURJA, LAXMIPUR KORAPUT-765015 KORAPUT , ODISHA , India - 765013	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21CYIPS7997N1ZT	Our Contact	: Chinmaya Dash
Email	: maakalindustry14@gmail.com	Email	: chinmaya.dash@adityabirla.com
Contact Person	: SAHU JAGANNATH	Phone No.	: 7735031093
Mobile	: 8270008833	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	90.000	2000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,80,000.00

Item Total Value : 1,80,000.00

Total Purchase Order Value : 1,80,000.00

Value in Words (INR) : (One Lakh Eighty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1297

PURCHASE ORDER (Domestic)

Vendor Code	: 10013749		
Vendor	: MAA MANIKESWARI INDUSTRY	PO. Number	: 13692315806
Site	: S1-RAYAGADA	Creation Date	: 16-AUG-2023
Address	: DIXORAL	Amendment No.	:
	KUCHEIPADAR	Amendment Date	:
	RAYAGADA, RAYAGADA-765815	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21AIYPN6742J1ZP	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	: PHAKIR NAIK	Ship to Location	: Utkal Stores
Mobile	: 9937655060		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	60.000	2000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,20,000.00

Item Total Value : 1,20,000.00

Total Purchase Order Value : 1,20,000.00

Value in Words (INR) : (One Lakh Twenty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1298

PURCHASE ORDER (Domestic)

Vendor Code	: 10004540		
Vendor	: MARUTI BRICKS	PO. Number	: 13692315807
Site	: S1-KORAPUT	Creation Date	: 16-AUG-2023
Address	: LAXMIPUR	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 763001	Currency	: INR
GSTIN No.	: 21EJPPS2K12H1ZO	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	125.000	2000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			250,000.00
		Item Total Value :	250,000.00
		Total Purchase Order Value :	250,000.00

Value in Words (INR) : (Two Lakh Fifty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

1299

PURCHASE ORDER (Domestic)

Vendor Code	: 10021503		
Vendor	: SAINATH FLY ASH BRICKS	PO. Number	: 13692315808
Site	: S1-KORAPUT	Creation Date	: 16-AUG-2023
Address	: TUTIBARA, MAIN ROAD	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 764027	Currency	: INR
GSTIN No.	: 21HHXPS0251G1ZS	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7783021992
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	125.000	2000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			250,000.00

Item Total Value : 250,000.00

Total Purchase Order Value : 250,000.00

Value in Words (INR) : (Two Lakh Fifty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1300

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10027580		
Vendor	: UTKAL FLY ASH BRICKS	PO. Number	: 13692315809
Site	: S1-RAYAGADA	Creation Date	: 16-AUG-2023
Address	: USHAPADA	Amendment No.	:
	SANKARDA	Amendment Date	:
	TIKIRI, RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21AEYPT8325H1CY	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	60.000	2000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,20,000.00

Item Total Value : 1,20,000.00

Total Purchase Order Value : 1,20,000.00

Value in Words (INR) : (One Lakh Twenty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

1301

PURCHASE ORDER (Domestic)

Vendor Code	: 30003020		
Vendor	: PRIYA FLYASH BRICK	PO. Number	: 13692315810
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: RAYAGADA	Amendment No.	:
	KODIPARI	Amendment Date	:
	KHATA NO-31, PLOT NO-722, TAILA KHARA	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	:	Email	: chinmaya.dash@adityabirla.com
Email	:		
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	16.000	1700.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			27,200.00

Item Total Value : 27,200.00

Total Purchase Order Value : 27,200.00

Value in Words (INR) : (Twenty Seven Thousand Two Hundred Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1302

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10010240		
Vendor	: DASH TRADERS	PO. Number	: 13692315811
Site	: S1-KORAPUT	Creation Date	: 17-AUG-2023
Address	: CHIMPIA, LAXMIPUR	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 765013	Currency	: INR
GSTIN No.	: 21BNTPD0578C1ZV	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7783021093
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	60.000	2000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,20,000.00
		Item Total Value :	1,20,000.00
		Total Purchase Order Value :	1,20,000.00

Value in Words (INR) : (One Lakh Twenty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1303

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 30001335		
Vendor	: ANU FLY ASH BRICKS	PO. Number	: 13692315812
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: AT STATION ROAD TIKIRI	Amendment No.	:
	TIKIRI	Amendment Date	:
	PS TIKIRI, VIA - KASHIPUR	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21ATFPN3020S1ZE	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	20.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			30,000.00

Item Total Value : 30,000.00

Total Purchase Order Value : 30,000.00

Value in Words (INR) : (Thirty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1304

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10003030		
Vendor	: BABA BRICKS INDUSTRY	PO. Number	: 13692315813
Site	: S1-KORAPUT	Creation Date	: 17-AUG-2023
Address	: KH NO-98/PLOT NO-32, NEAR I.O.C PETROL PUMP, MAIN R DENGAGUDA KORAPUT , ODISHA , India - 764027	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21AQOPN5193H1ZV	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000080367	0	TRIP	40.000	1000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			40,000.00

Item Total Value : 40,000.00

Total Purchase Order Value : 40,000.00

Value in Words (INR) (Forty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

1305

PURCHASE ORDER (Domestic)

Vendor Code	: 10004821		
Vendor	: CHANDAN FLY ASH BRICKS	PO. Number	: 13692315814
Site	: S1-KORAPUT	Creation Date	: 17-AUG-2023
Address	: BAGHRIKHLA	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 764027	Currency	: INR
GSTIN No.	: 21APHPJ1330C1ZT	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7735021093
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000080367	0	TRIP	100.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,50,000.00

Item Total Value : 1,50,000.00

Total Purchase Order Value : 1,50,000.00

Value in Words (INR) : (One Lakh Fifty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1306

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10011301		
Vendor	: JAYADHAR NAIK	PO. Number	: 13692315815
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: NUAPADA, KUCHEIPADAR	Amendment No.	:
		Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21BJVPN8515A1ZB	Email	: chinmaya.dash@adityabirla.com
Email	:		
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	35.000	800.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			28,000.00

Item Total Value : 28,000.00

Total Purchase Order Value : 28,000.00

Value in Words (INR) : (Twenty Eight Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1307

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10011300		
Vendor	: JAYADHAR NAIK	PO. Number	: 13692315816
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: NUAPADA, KUCHEIPADAR	Amendment No.	:
		Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21BJVPN8515A1ZB	Email	: chinmaya.dash@adityabirla.com
Email	:		
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	110.000	600.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			66,000.00
		Item Total Value :	66,000.00
		Total Purchase Order Value :	66,000.00

Value in Words (INR) : (Sixty Six Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1308

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10011942		
Vendor	: KALINGA FLYASH GREEN BRICK	PO. Number	: 13692315818
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: TIKIRI	Amendment No.	:
	KASHIPUR	Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21CPOPS3289J1Z0	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	125.000	1200.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,50,000.00

Item Total Value : 1,50,000.00

Total Purchase Order Value : 1,50,000.00

Value in Words (INR) : (One Lakh Fifty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1309

PURCHASE ORDER (Domestic)

Vendor Code	: 10012981		
Vendor	: L.G.FLY ASH BRICKS	PO. Number	: 13692315819
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: TIKIRI	Amendment No.	:
		Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21ADIPT7274H2ZM	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	: CHHABILATA TULO	Ship to Location	: Utkal Stores
Mobile	: 9437719701		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	125.000	1200.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,50,000.00

Item Total Value : 1,50,000.00

Total Purchase Order Value : 1,50,000.00

Value in Words (INR) : (One Lakh Fifty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1310

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 30001260		
Vendor	: MAHAVEER BRICKS INDUSTRY	PO. Number	: 13692315820
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: RAYAGADA JODHPADAR KODIPARI, KASHIPUR RAYAGADA , ODISHA , India - 765015	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21BPJPN2728E1Z5	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000080367	0	TRIP	40.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			60,000.00

Item Total Value : 60,000.00

Total Purchase Order Value : 60,000.00

Value in Words (INR) :(Sixty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1311

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360581/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10013749		
Vendor	: MAA MANIKESWARI INDUSTRY	PO. Number	: 13692315821
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: DIXORAL	Amendment No.	:
	KUCHEIPADAR	Amendment Date	:
	RAYAGADA, RAYAGADA-765815	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21AIYPN6742J1ZP	Email	: chinmaya.dash@adityabirla.com
Email	: [redacted]	Phone No.	: 7735021092
Contact Person	: PHAKIR NAIK	Ship to Location	: Utkal Stores
Mobile	: 9937655060		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	110.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			165,000.00

Item Total Value : 165,000.00

Total Purchase Order Value : 165,000.00

Value in Words (INR) : (One Lakh Sixty Five Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1312

PURCHASE ORDER (Domestic)

Vendor Code	: 10004059		
Vendor	: MAHAVEER FLY ASH BRICKS	PO. Number	: 13692315823
Site	: SI-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: DUNGASIL, KASHIPUR	Amendment No.	:
		Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21BGOPS0035L3ZK	Email	: chinmaya.dash@adityabirla.com
Email	:		
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	65.000	1000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			65,000.00
		Item Total Value :	65,000.00
		Total Purchase Order Value :	65,000.00

Value in Words (INR) : (Sixty Five Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1313

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10027589		
Vendor	: UTKAL FLY ASH BRICKS	PO. Number	: 13692315828
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: USHAPADA	Amendment No.	:
	SANKARDA	Amendment Date	:
	TIKIRI, RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	: 21AEYPT8325H1CY	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	95.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			1,42,500.00
		Item Total Value :	1,42,500.00
		Total Purchase Order Value :	1,42,500.00

Value in Words (INR) : (One Lakh Forty Two Thousand Five Hundred Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1314

PURCHASE ORDER (Domestic)

Vendor Code	: 10011552		
Vendor	: JOGESWAR NAIK	PO. Number	: 13692315829
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: KUCHEIPADAR	Amendment No.	:
	TIKIRI,	Amendment Date	:
	RAYAGADA	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	:	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000080367	0	TRIP	70.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			105,000.00
		Item Total Value :	105,000.00
		Total Purchase Order Value :	105,000.00

Value in Words (INR) : (One Lakh Five Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Amit Kumar Panda
Head-Procurement & Stores-Materials

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003416	GSTIN	: 21AAACU3008R1ZD

1315

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 1000332		
Vendor	: AMA INDUSTRY	PO. Number	: 13692314369
Site	: S1-RAYAGADA	Creation Date	: 13-APR-2023
Address	: DORA SAHI, MAIN ROAD	Amendment No.	:
	TIKIRI	Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Katragadda Vishnu Vardhan
GSTIN No.	: 21FGPPS4282A1Z3	Email	: katragadda.vardhan@adityabirla.com
Email	:	Phone No.	:
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	130.000	1700.00

Shipment Date 1		31-JUL-2023		130.000
Description		%/Amount	Rate	Amount
Basic Value				221,000.00
			Item Total Value :	221,000.00
			Total Purchase Order Value :	221,000.00

Value in Words (INR) : (Two Lakh Twenty One Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 18:12 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1316

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 30001335		
Vendor	: ANU FLY ASH BRICKS	PO. Number	: 13692314389
Site	: S1-RAYAGADA	Creation Date	: 13-APR-2023
Address	: AT STATION ROAD TIKIRI	Amendment No.	:
	TIKIRI	Amendment Date	:
	PS TIKIRI, VIA - KASHIPUR	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Kattagadda Vishnu Vardhan
GSTIN No.	: 21ATFPN3020S1ZE	Email	: kattagadda.vardhan@adityabirla.com
Email	:	Phone No.	:
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	80.000	1500.00

Shipment Date 1	31-JUL-2023	80.000	
Description	%/Amount	Rate	Amount
Basic Value			1,20,000.00
		Item Total Value :	1,20,000.00
		Total Purchase Order Value :	1,20,000.00

Value in Words (INR) : (One Lakh Twenty Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 20:30:08 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1317

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10003030		
Vendor	: BABA BRICKS INDUSTRY	PO. Number	: 13692314390
Site	: S1-KORAPUT	Creation Date	: 13-APR-2023
Address	: KH NO-98/PLOT NO-32, NEAR I.O.C PETROL PUMP, MAIN R DENGAGUDA KORAPUT , ODISHA , India - 764027	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21AQOPN5193H1ZV	Our Contact	: Kattagadda Vishnu Vardhan
Email	:	Email	: kattagadda.vardhan@adityabirla.com
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	110.000	1000.00

Shipment Date 1	31-JUL-2023	110.000	
Description	%/Amount	Rate	Amount
Basic Value			1,10,000.00
		Item Total Value :	1,10,000.00
		Total Purchase Order Value :	1,10,000.00

Value in Words (INR) : (One Lakh Ten Thousand Only)

Other Terms and Conditions :

Payment Terms	: /o per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 21:58 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
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DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1318

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10004821		
Vendor	: CHANDAN FLY ASH BRICKS	PO. Number	: 13692314377
Site	: S1-KORAPUT	Creation Date	: 13-APR-2023
Address	: BAGIRIBIRIA	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 764027	Currency	: INR
GSTIN No.	: 21APHPJ1350C1ZT	Our Contact	: Kattagadda Vishnu Vardhan
Email	:	Email	: kattagadda.vardhan@adityabirla.com
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	130.000	1500.00

Shipment Date 1	31-JUL-2023	130.000	
Description	%/Amount	Rate	Amount
Basic Value			1,95,000.00
		Item Total Value :	1,95,000.00
		Total Purchase Order Value :	1,95,000.00

Value in Words (INR) : (One Lakh Ninety Five Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 24:58 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1319

PURCHASE ORDER (Domestic)

Vendor Code	: 10010240		
Vendor	: DASH TRADERS	PO. Number	: 13692314381
Site	: S1-KORAPUT	Creation Date	: 13-APR-2023
Address	: CHIMPIA, LAXMIPUR	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 765013	Currency	: INR
GSTIN No.	: 21BNTPD6857BCLZV	Our Contact	: Kattagadda Vishnu Vardhan
Email	:	Email	: kattagadda.vardhan@adityabirla.com
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	80.000	2000.00

Shipment Date 1	31-JUL-2023	80.000	
Description	%/Amount	Rate	Amount
Basic Value			1,60,000.00
		Item Total Value :	1,60,000.00
		Total Purchase Order Value :	1,60,000.00

Value in Words (INR) : (One Lakh Sixty Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 14:58 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1320

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10011300		
Vendor	: JAYADHAR NAIK	PO. Number	: 13692314386
Site	: S1-RAYAGADA	Creation Date	: 13-APR-2023
Address	: NUAPADA, KUCHEIPADAR	Amendment No.	:
		Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Katragadda Vishnu Vardhan
GSTIN No.	: 21BIVPN8315A1ZB	Email	: katragadda.vardhan@adityabirla.com
Email	:		
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	95.000	600.80

Shipment Date 1	31-JUL-2023	95.000	
Description	%/Amount	Rate	Amount
Basic Value			57,000.00
		Item Total Value :	57,000.00
		Total Purchase Order Value :	57,000.00

Value in Words (INR) : (Fifty Seven Thousand Only)

Other Terms and Conditions :

Payment Terms	: /o per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 14:11:28 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1321

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10011552		
Vendor	: JOGESWAR NAIK	PO. Number	: 13692315829
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: KUCHEIPADAR	Amendment No.	:
	TIKIRI,	Amendment Date	:
	RAYAGADA	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Chinmaya Dash
GSTIN No.	:	Email	: chinmaya.dash@adityabirla.com
Email	:	Phone No.	: 7735021092
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	70.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			105,000.00
		Item Total Value :	105,000.00
		Total Purchase Order Value :	105,000.00

Value in Words (INR) : (One Lakh Five Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.08.17 20:39:08 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1322

PURCHASE ORDER (Domestic)

Vendor Code	: 10011942		
Vendor	: KALINGA FLYASH GREEN BRICK	PO. Number	: 13692314372
Site	: S1-RAYAGADA	Creation Date	: 13-APR-2023
Address	: TIKIRI	Amendment No.	:
	KASHIPUR	Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Katragadda Vishnu Vardhan
GSTIN No.	: 21DPOPS3288P1Z0	Email	: katragadda.vardhan@adityabirla.com
Email	:	Phone No.	:
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	150.000	1700.00

Shipment Date 1	31-JUL-2023		150.000
Description	%/Amount	Rate	Amount
Basic Value			255,000.00
		Item Total Value :	255,000.00
		Total Purchase Order Value :	255,000.00

Value in Words (INR) : (Two Lakh Fifty Five Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 20:08 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1323

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10013729		
Vendor	: MAA KALI INDUSTRIES	PO. Number	: 13692314376
Site	: S1-KORAPUT	Creation Date	: 13-APR-2023
Address	: BANDHAR, BURJA, LAXMIPUR KORAPUT-765015 KORAPUT , ODISHA , India - 765013	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21CYIPS7907N1ZT	Our Contact	: Katragadda Vishnu Vardhan
Email	: maakalindustry14@gmail.com	Email	: katragadda.vardhan@adityabirla.com
Contact Person	: SAHU JAGANNATH	Phone No.	:
Mobile	: 8270008833	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	185.000	2000.00

Shipment Date 1	31-JUL-2023		185.000
Description	%/Amount	Rate	Amount
Basic Value			3,70,000.00
		Item Total Value :	3,70,000.00
		Total Purchase Order Value :	3,70,000.00

Value in Words (INR) : (Three Lakh Seventy Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 13:58 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1324

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10013749		
Vendor	: MAA MANIKESWARI INDUSTRY	PO. Number	: 13692314391
Site	: S1-RAYAGADA	Creation Date	: 13-APR-2023
Address	: D.KORAL KUCHEIPADAR RAYAGADA, RAYAGADA-765815 RAYAGADA , ODISHA , India - 765015	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21AIYPN6742J1ZP	Our Contact	: Kattagadda Vishnu Vardhan
Email	: maanmaheswariindustry@gmail.com	Email	: kattagadda.vardhan@adityabirla.com
Contact Person	: PHAKIR NAIK	Phone No.	:
Mobile	: 9937655060	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	150.000	1500.00

Shipment Date 1	31-JUL-2023		150.000
Description	%/Amount	Rate	Amount
Basic Value			225,000.00
		Item Total Value :	225,000.00
		Total Purchase Order Value :	225,000.00

Value in Words (INR) : (Two Lakh Twenty Five Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023-04-14 23:01 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1325

PURCHASE ORDER (Domestic)

Vendor Code	: 30001260		
Vendor	: MAHAVEER BRICKS INDUSTRY	PO. Number	: 13692315820
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: RAYAGADA JODHPADAR KODIPARI, KASHIPUR RAYAGADA , ODISHA , India - 765015	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21BPJPN2728E1Z5	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	40.000	1500.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			60,000.00

Item Total Value : 60,000.00

Total Purchase Order Value : 60,000.00

Value in Words (INR) :(Sixty Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.08.18 04:38:07 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1326

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10004059		
Vendor	: MAHAVEER FLY ASH BRICKS	PO. Number	: 13692314395
Site	: SI-RAYAGADA	Creation Date	: 13-APR-2023
Address	: DUNGASIL, KASHIPUR	Amendment No.	:
		Amendment Date	:
	RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Kattagadda Vishnu Vardhan
GSTIN No.	: 21BGOPS0035L3ZK	Email	: kattagadda.vardhan@adityabirla.com
Email	:		
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	190.000	1000.00

Shipment Date 1	31-JUL-2023	190.000	
Description	%/Amount	Rate	Amount
Basic Value			1,90,000.00
		Item Total Value :	1,90,000.00
		Total Purchase Order Value :	1,90,000.00

Value in Words (INR) : (One Lakh Ninety Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 20:52 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1327

PURCHASE ORDER (Domestic)

Vendor Code	: 10004540		
Vendor	: MARUTI BRICKS	PO. Number	: 13692314378
Site	: S1-KORAPUT	Creation Date	: 13-APR-2023
Address	: LAXMIPUR	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 763001	Currency	: INR
GSTIN No.	: 21EJPPS2K12H1ZO	Our Contact	: Kattagadda Vishnu Vardhan
Email	:	Email	: kattagadda.vardhan@adityabirla.com
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	225.000	2000.00

Shipment Date 1		31-JUL-2023	225.000	
Description		%/Amount	Rate	Amount
Basic Value				4,50,000.00
			Item Total Value :	4,50,000.00
			Total Purchase Order Value :	4,50,000.00

Value in Words (INR) : (Four Lakh Fifty Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023-04-14 09:59:59 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

1328

PURCHASE ORDER (Domestic)

Vendor Code	: 1001500		
Vendor	: MMG FLY ASH BRICKS	PO. Number	: 13692314374
Site	: S1-RAYAGADA	Creation Date	: 13-APR-2023
Address	: GOUDAGUDA	Amendment No.	:
	SANKARDA	Amendment Date	:
	TIKIRI, RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Kattagadda Vishnu Vardhan
GSTIN No.	: 21AATFM8856K1ZM	Email	: kattagadda.vardhan@adityabirla.com
Email	:	Phone No.	:
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	140.000	2000.00

Shipment Date 1	31-JUL-2023		140.000
Description	%/Amount	Rate	Amount
Basic Value			2,80,000.00
		Item Total Value :	2,80,000.00
		Total Purchase Order Value :	2,80,000.00

Value in Words (INR) : (Two Lakh Eighty Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 13:12 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1329

Utkal Alumina International Limited
Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 1001053		
Vendor	: OM SHANTI	PO. Number	: 13692315826
Site	: S1-RAYAGADA	Creation Date	: 17-AUG-2023
Address	: TOTAGUDA, DUDUKABAHAL, TIKIRI RAYAGADA-765015 RAYAGADA , ODISHA , India - 765015	Amendment No.	:
		Amendment Date	:
		Currency	: INR
GSTIN No.	: 21AKKPN2752J1ZS	Our Contact	: Chinmaya Dash
Email	:	Email	: chinmaya.dash@adityabirla.com
Contact Person	:	Phone No.	: 7735021092
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of Fly ash transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	HSN/SAC Code	UOM	Ship Qty	Unit Rate
1	781000000367	0	TRIP	65.000	1000.00
	PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HA/WA/TIPPER				

Shipment Date 1 : 31-DEC-2023

Description	% /Amount	Rate	Amount
Basic Value			65,000.00
		Item Total Value :	65,000.00
		Total Purchase Order Value :	65,000.00

Value in Words (INR) : (Sixty Five Thousand Only)

Other Terms and Conditions :

Payment Terms : As per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.08.18 04:40:01 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1330

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10021503		
Vendor	: SAINATH FLY ASH BRICKS	PO. Number	: 13692314379
Site	: S1-KORAPUT	Creation Date	: 13-APR-2023
Address	: TUTIBARA, MAIN ROAD	Amendment No.	:
		Amendment Date	:
	KORAPUT , ODISHA , India - 764027	Currency	: INR
GSTIN No.	: 21HHXPS0251G1ZB	Our Contact	: Kattagadda Vishnu Vardhan
Email	:	Email	: kattagadda.vardhan@adityabirla.com
Contact Person	:	Phone No.	:
Mobile	:	Ship to Location	: Utkal Stores

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	220.000	2000.00

Shipment Date 1	31-JUL-2023	220.000	
Description	%/Amount	Rate	Amount
Basic Value			4,40,000.00
		Item Total Value :	4,40,000.00
		Total Purchase Order Value :	4,40,000.00

Value in Words (INR) : (Four Lakh Forty Thousand Only)

Other Terms and Conditions :

Payment Terms : /o per attached Annexure (see notes)

Price Type Terms : Fixed

Freight Terms :

Transportation arrangement :

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 08:28:10 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

1331

Utkal Alumina International Limited

Dongada, Post:- Kucheipadar, PIN:- 765015, Dist:- Rayagada, State:- Odisha, Country:- India, Tel:- 06865 287040 ,Fax:-06865 287100,
Email:- utkal.alumina@adityabirla.com, Website:- www.hindalco.com

Regd. Office:- 3-6, Jaydev Vihar, Bhubaneswar - 751013, Odisha, India, Tel:-0674 2360681/548, Fax:- 0674 2360321

PURCHASE ORDER (Domestic)

Vendor Code	: 10027589		
Vendor	: UTKAL FLY ASH BRICKS	PO. Number	: 13692314383
Site	: S1-RAYAGADA	Creation Date	: 13-APR-2023
Address	: USHAPADA	Amendment No.	:
	SANKARDA	Amendment Date	:
	TIKIRI, RAYAGADA-765015	Currency	: INR
	RAYAGADA , ODISHA , India - 765015	Our Contact	: Kattagadda Vishnu Vardhan
GSTIN No.	: 21AEYPT8525H1CY	Email	: kattagadda.vardhan@adityabirla.com
Email	:	Phone No.	:
Contact Person	:	Ship to Location	: Utkal Stores
Mobile	:		

REFERENCE: Reimbursement of FLY ASH transportation charges.

Please Supply/Service the following items subject to the terms & conditions mentioned here under and overleaf

S.No	Item Code/Desc.	UOM	Ship Qty	Unit Rate
1	781000000367 PROVIDE: TRANSPORTATION SERVICE; TYPE: FLY ASH; CARGO SIZE: 10 X 20 FT, MODE OF TRANSPORT: ROAD, DESTINATION: FROM HIL PLANT TO VARIOUS FLY ASH BRICK PLANTS, WEIGHT/VOLUME: 6-18 MT, CARGO TYPE: DUMPER/TRUCK/HAIWA/TIPPER	TRIP	160.000	1500.00

Shipment Date 1	31-JUL-2023		160.000
Description	%/Amount	Rate	Amount
Basic Value			2,40,000.00
		Item Total Value :	2,40,000.00
		Total Purchase Order Value :	2,40,000.00

Value in Words (INR) : (Two Lakh Forty Thousand Only)

Other Terms and Conditions :

Payment Terms	: As per attached Annexure (see notes)
Price Type Terms	: Fixed
Freight Terms	:
Transportation arrangement	:

Our General Terms and Conditions are mentioned overleaf.

Subject to Specific & General Terms & Conditions specified herein

Utkal Alumina International Limited

Digitally signed by AMIT KUMAR PANDA
Date: 2023.04.14 21:18 IST
Reason: PO

Amit Kumar Panda
Head-Procurement & Stores-Materials
This is a digitally signed document.

DIVISION	: Odisha	Import/Export Code	: 2309001902
PAN	: AAACU3008R	TAN NO.	: BBNU00076G
CIN No.	: U13200OR1993PLC003418	GSTIN	: 21AAACU3008R1ZD

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-02657

Date: 28.05.2024

ANNEXURE-IX

Noise Monitoring Results
Period: Oct 23 – Mar 24 (Monthly Average Values)
CORE ZONE NOISE

Sl. No	Noise Monitoring Locations	Oct-23		Nov-23		Dec-23		Jan-24		Feb-24		Mar-24		Six months average	
		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq			
		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day	Night
1	Bauxite Handling Area	71.6	65.5	70.8	66.2	71.8	63.4	72.6	62.5	71.8	61.2	69.8	60.6	71.4	63.2
2	Road Mill Area	71.2	67.5	70.4	68.1	71.4	64.8	72.8	66.6	72.4	64.2	71.5	63.9	71.6	65.9
3	CPP area	73.3	67.9	71.7	61.4	73.4	63.7	73.5	64.2	73.2	62.3	72.8	64.8	73.0	64.1
4	Alumina Handling area	72.5	66.3	71.2	64.7	72.5	62.6	71.8	63.9	72.3	59.8	70.8	65.6	71.9	63.8
Ambient Air Quality Standards in respect of Noise for Industrial Area														75	70

Note: No deviation from the AAQ standard in respect of Noise is observed and all the values are within the standard prescribed.

Reviewed by:

Approved by:

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Enviab/23-24/TR-01658

Date: 28.05.2024

ANNEXURE-IX

Noise Monitoring Results
Period: Oct 23 – Mar 24 (Monthly Average Values)
BUFFER ZONE NOISE

Sl. No	Noise Monitoring Locations	Oct-23		Nov-23		Dec-23		Jan-24		Feb-24		Mar-24		Six months average	
		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq			
		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day	Night
1	R&R colony	47.4	41.2	46.5	40.2	47.3	39.8	48.2	36.4	46.7	32.5	51.4	40.2	47.9	38.4
2	Township (Nuapada)	49.1	42.2	48	41.4	47.9	40.2	48.7	38.2	47.8	31.6	51.8	41.6	48.9	39.2
3	Doraguda	48.3	42.5	47.7	42.1	46.8	39.6	47.5	34.5	47.3	33.8	50.6	43.5	48.0	39.3
4	Kucheipadar	47.8	40.3	48.3	41.4	48	40.4	48.6	35.9	48.2	35.2	52.5	42.8	48.9	39.3
5	Police station doraguda	49.6	41.5	49.2	42.5	50.3	38.5	49.3	34.2	49.6	31.9	53.4	42.5	50.2	38.5
6	Dimundi	49.5	42.1	49.6	43.6	50.6	37.4	51.4	34.6	48.9	33.9	52.4	41.9	50.4	38.9
Ambient Air Quality Standards in respect of Noise for Residential area														55	45

Note: No deviation from the AAQ standard in respect of Noise is observed and all the values are within the standard prescribed.

Reviewed by:

Approved by:

ADITYA BIRLA
UTKAL ALUMINA

UAIL/ENV/2023-24/30 **November 28, 2023**

To,

The Addl. Principal Chief Conservator of Forest (C)
MoEF & Climate Change, Govt. of India
Eastern Regional Office
A/3, Chandrasekhar
Bhubaneswar 751023.

Subject: Half yearly compliance Status of Environment Clearance condition pertaining to Alumina Refinery, M/s Utkal Alumina International Ltd, Doraguda for the period From **April'2023 to September'2023.**

Ref: You're Office Memorandum No. **J-11011/753/2007-IA II (I) dated 25.06.2018**

Dear Sir,

Pleased find enclosed herewith half yearly compliance status on Environmental Clearance pertaining to Alumina Refinery, M/s Utkal Alumina International Ltd, Doraguda for the period from **April'2023 to September'2023**_with respect to our Expansion Project of Alumina Refinery (1.5 to 3.0 MTPA) and Co- Generation Power Plant (90 to 150 MW) vide **Ministry's letter No. J-11011/753/2007-IA II (I) dated 25.06.2018**

This is for your kind information and necessary record please.

Thanking you,
Yours faithfully,
For Utkal Alumina International Ltd.

Mazharullah Beig
Unit Head & President

Encl: As above.

Copy To: (i) Member Secretary, OSPCB, Bhubaneswar.
(ii) Regional Office, CPCB, Kolkata.
(iii) Regional Officer, OSPCB, Rayagada.

Status of conditions imposed in Environmental Clearance for proposed enhancement of production capacity of Alumina Refinery (1.5 to 3.0 MTPA) along with Cogeneration Power Plant (90 to 150 MW), F. No. J-11011/753/2007-IA.II (I) dated 25.06.2018

Name of the Project : UTKAL ALUMINA INTERNATIONAL LTD.

Clearance Letter No. and date : F. No. J-11011/753/2007-IA.II (I) dated 25.06.2018

Period of Compliance Report : 1st April 2023 to 30th September 2023

Sl. No.	Imposed Condition	Compliance Status
1	The PP shall implement recommendations of the approved Site-Specific Conservation Plan & Wildlife Management Plan in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report.	As per the recommendation of the study on Site-Specific Conservation Plan & Wildlife Management Plan, sum of Rs. 1, 17, 57,852/- has been deposited in the CAMPA fund for the purpose of implementation of various activities within the project impact area by the Forest Department as envisaged in the plan. However, awareness has been created in the periphery of the project site as per the plan.
2	The red mud already generated from the existing plant shall be stored in the red mud pond lined with impervious clay prior to use to prevent leakage, designed as per the CPCB guidelines with proper leachate collection system. Ground water shall be monitored regularly all around the red mud disposal area and report submitted to the Regional Office of the Ministry. Proper care shall be taken to ensure no run off or seepage from the red mud disposal site to natural drainage. Plan shall be prepared and implemented for utilising the already generated red mud in a time bound manner.	Red mud pond has been constructed as per the design and drawing approved by State Pollution Control Board vide their Letter No. 19306/IND-IV-HW-931 dated 30.08.2012. The red mud pond is lined with clay & 1.5 mm HDPE liner with sub-soil drainage collection & reuse system, run-off drainage network and leachate collection facility. The semi-dry red mud cake generated from red mud filtration unit is being stored in the active red mud pond- A/B. Piezometers have been installed near the Red Mud Pond for monitoring of ground water. Monitoring of ground water is being carried out regularly and no run off or seepage is being allowed to natural drainage. The results of ground water quality are found well within the norms and the same is attached in **Annexure-I.** The following provisions has been made to ensure the storm water management: i. Garland drains have been provided all around the Red Mud Pond to divert the storm water of adjacent area to natural nallah. ii. Drain and collection pit has been arranged within the mud stacking pond and the accumulated water is being pumped back to the same process or collected in the supernatant water storage pond- C for continuous recycle & use in the process.

		iii. Drains have been provided adjacent to dyke of active pond- A/B and channelized to pond- C. iv. Water quality of nearby river is being monitored regularly to check contamination if any and the results are attached in **Annexure-VI**. Red Mud Utilization Plan: R&D scheme has been developed with various research institutions like CSIR-CRRI, IITs, IMMT, NML, and Cement Industries for its productive utilization in road construction, Mine void backfilling and brick manufacturing. Also we are regularly supplying red mud to cement industry. **Status of Pilot Study for Red Mud utilization in mine void backfilling:** This is to further update about the progress made in the pilot project till date. The project is moving ahead with synchronisation of regulatory clearances from State Pollution Control Board and other authorities. 1. Approval of revised Mining and Progressive Mine Closure Plan incorporating the red mud pilot project has been obtained from Indian Bureau of Mines, Regional Office, Bhubaneswar. 2. CTE & CTO are obtained from OSPCB for Mine Void Filling of Red Mud in Pit1 having capacity of 35,000 Cum, at our Baphlimali Mines. 3. Red Mud mine void filling work is under progress. 4. Air Pollution Control measures in form of mobile water sprinkling arrangements, vehicle mounted misting canons at fine handling areas, wheel washing facility for trucks, Tarpaulin tying platform are being provided. 5. Backfilling work started in Pit-1 from December'2022. **Status of Pilot Study for NHAI road making:** • The CSIR-CRRI, Delhi conducted laboratory scale studies on Utkal plant Red Mud samples and certified that Red Mud has better geotechnical properties than conventional materials including Fly

		ash and can be used as subgrade, structural landfills, and embankments. • Accordingly, the Indian Road Congress (IRC), the Apex body for issuing accreditation for using any material or wastes has issued approval for red mud in road construction. • NHAI has allotted a 500-meter patch near to the Utkal plant at Koraput for development of six-lane Kaliagura – Baunsaguar section of NH-130– CD road. • Road project work started on December 2022. The work stopped from June to September due to Monsoon. • 17115 MT red mud dispatched to NHAI for road making. 11516 MT Red Mud supplied to UltraTech Cement, Maharashtra & Balaji Cement, AP.
3	Water spraying on the red mud pond shall be arranged to prevent fine dust from being blown off the stack. Longer-term treatment of the red mud shall include reclamation of the mud ponds, neutralization, covering with topsoil, and planting with vegetation.	Fixed rain gun water sprinkling system has been provided at red mud pond to prevent dust from red mud pond area. In addition to this, water tankers are being deployed for water sprinkling on haulage roads of the red mud pond. Presently, mud stacking is going on in Pond-B and it is in active stage. However, the longer-term treatment will be prepared once the red mud pond is ready to be closed.
4	Decanted water from red mud pond is collected in the Process Water Lake during the monsoon and the same water recycled back to the process through pumping arrangements.	Since, filter plant is established to produce red mud in semi dry condition, no decant water from red mud pond is generated except the precipitation water collected during monsoon season. Red mud slurry from the plant is fed to Red Mud Filtration unit where in the dry mud cake is stacked in red mud pond and the filtrate is recycled back to the process. The decanted water (run-off) from the Red Mud Pond-A/B is collected in Pond-C and the same water is entirely recycled back to the process through pumping arrangement.
5	100 % of the fly ash generated shall be utilised.	The plant is situated at a remote place and no cement industry exists within 150 km radius of the plant. However, we have developed local entrepreneurship to establish fly ash brick manufacturing units in coordination with Regional Industrial Centre, Rayagada and now 19 nos. of brick manufacturing units are established. Efforts are being taken continuously for 100% ash utilization. Ash utilization for the period of April'2023 to September'2023 is 96%.

		• Ash supply to brick units is 10627 MT till Sep-2023. • 33348 MT Fly Ash supplied to Cement Industries respectively. • 36207 MT fly ash supplied to NHAI road project. • 75338 MT legacy ash also supplied to NHAI road project.
	The company shall construct separate RCC drains for carrying storm water inside the plant.	A dedicated RCC storm water drainage network has been provided connecting all drains and diverted to a pond, called Guard Pond for sedimentation. And the same is being reused.
7	The water drawl shall not exceed 20,000 m3/day (existing and the expansion project put together).	Intake Water drawn & used from San River is within the permissible limit of 20000 m3/day. Average daily drawl of water from April'2023 to September'2023 is 14772 m3/day.
8	An amount of Rs Rs. 135.8 Crores (2.5% of Project cost of Rs. 5432.00 Crore) proposed towards Corporate Environmental Responsibility shall be utilized as capital expenditure in project mode. The project shall be completed in concurrence with the implementation of the expansion and estimated on the basis of Scheduled Rates.	The Expenditure towards ESC was Rs. 21.01 Cr for FY 2022-23 and the details of the same was submitted during the last half yearly EC compliance report.
9	Green belt shall be developed in 353 Ha equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Green belt is being developed preferring indigenous species during monsoon season of every year as per CPCB Guidelines. Till now an area of 343 Ha has been covered for green belt development against total acquired area of 1069.51 Ha which is 32 %. Greenbelt development will continue in the coming years to achieve 353 Ha (33%).
10	The Capital cost Rs. 255.00 Crore and annual recurring cost Rs. 5.55 Crores towards the environmental protection measures shall be earmarked separately. The funds so provided shall not be diverted for any other purpose.	Separate funds provision is made and earmarked for environmental protection purpose only. The capital cost incurred towards environmental protection measures was Rs.10.6 Crores and the annual recurring expenditure was Rs. 89.5 Crores for FY 2022-23. The details of the same was submitted in the last six-monthly report.
11	Kitchen waste shall be composted or converted to biogas for further use.	Kitchen waste (wet waste) is being collected separately and converted to manure.
12	The project proponent shall (Air Quality Monitoring):	
	a. install 24x7 continuous emission monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 742 (E) dated 30th August 1990 and thereafter amended vide G.S.R 46 (E) dated 3rd February 2006 (Aluminium); S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as	Continuous emission monitoring systems have been provided in the running Cogeneration thermal power plant and Calciners of the alumina refinery. These Continuous Emission monitoring systems have related to the servers of the OSPCB & CPCB for continuous online transmission of the data through RTDAS. The CEMS is calibrated as per the supplier

	amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	specification. Remote calibration facility for the CPP gaseous emission has also been provided as per the CPCB guideline. Similar system shall be installed in the proposed expansion.
	b. Monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Fugitive emission monitoring at specified locations in the plant is being carried out through NABL accredited laboratory and the analysis reports are attached in **Annexure-IV.**
	c. Install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO_2 and NOx in reference to SO_2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.	Four numbers of CAAQMS are in operation & as per the OSPCB directive to monitor the ambient air quality for the parameters PM_{10}, $PM_{2.5}$, SO_2, NO_2 and CO on continuous basis. Real-time data is connected to SPCB server.
	d. submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring for calibrations of CEMS and manual monitoring of air quality /fugitive emission to Regional Office of MoEF&CC, Zonal office of SPCB along with six monthly monitoring report.	Monthly summary report is attached in the Annexure-V.
13	The project proponent shall (Water Quality Monitoring):	
	a. install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 742 (E) dated 30thAugust 1990 and further amended vide G.S.R 46 (E) dated 3rd February 2006 (Aluminium); S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	The wastewater generated in the Alumina refinery are alkaline in nature. All these wastewaters from the process is centrally collected through a dedicated drainage system (RCC) in a concrete pond called the Caustic Pond, bottom lined with LDPE. The wastewater so collected is entirely recycled back to the process. Similarly, in the CPP, the blow down water from the Boilers and the Cooling Towers along with the DM Plant wastewater are collected in a Holding Pond after sedimentation and neutralization. This water is also entirely reused for sprinkling in CHP, AHP, Roads and Ash conditioning. Similarly, the surface run-off water is also collected centrally in a pond called the Guard Pond having neutralization system at the inlet with continuous pH monitoring. This water is also

		entirely recycled into the process for Red Mud washing except during heavy rain fall. Thus, the wastewater generated is being reused in the process and no wastewater is discharged to outside the plant as the plant operates on a Zero Discharge principle. **The zero-discharge condition is ensured by continuous surveillance through web camera and flow meter as per CPCB guidelines and the same also connected to the SPCB/CPCB server.**
	b. monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories; and	Ground water quality is being monitored, monthly once, in and around the plant premises through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratory M/s Visiontek Consultancy Services PVT. Ltd. Bhubaneswar. Ground Water Analysis report is enclosed in **Annexure-VI**.
	c. submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Since, it is a Zero discharge plant, no effluents are being discharged. Surface run-off & storm water during monsoon season is discharged through the guard pond and the same is under continuous surveillance through IP Camera & flow meter which is linked to CPCB/SPCB server. Hence continuous online effluent monitoring system has not installed. However, manual ground water quality is being monitored in and around the plant premises. Analysis report of Ground Water is enclosed in **Annexure-VI**.
14	The project proponent shall (Air Pollution Control):	
	a. ensures ambient air quality around the project site as prescribed under National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November, 2009 (as amended from time to time).	Ambient air quality is being monitored by establishing six nos. of AAQ stations inside and outside the plant premises in addition to four CAAQMS. The summary of the ambient air quality monitoring data during the period April'2023 to September'2023 is attached in Annexure-V.
	b. provide appropriate Air Pollution Control (APC) system for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Existing: Electrostatic precipitator (ESPs) designed to control particulate matter emissions within 50 mg/Nm^3 and connected to the three boilers of the Power Plant & three Calciners of the Alumina Refinery with online continuous emission monitoring system. The following provisions have been made to control fugitive emission: a) Dry mud stacking system has been adopted by installing Red Mud Filtration Unit. Dry mud is being stacked by compacting and water sprinkling

		to check fugitive emission, with rain gun type water sprinklers. 25 no of water sprinklers are provided at red mud pond area. b) Bag filters have been provided at Bauxite crusher, coal crusher, calciner and alumina handling areas. 11 no of bag filters are provided at the above said locations. c) Fixed high jet water spraying system have been installed at bauxite & coal handling areas. Wagon Tippler with dry fog system at coal unloading area and closed type pipe conveyor system have been provided. Fully covered conveyors with dust suppression system at transfer points for bauxite transportation have been provided. d) Two nos wet scrubbers at lime handling area have been provided.
	c. provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags;	Bag filters have been provided with differential pressure transmitter which measures pressure of inlet and outlet, and any high differential pressure gives indication of blockage. We have monthly schedule of cloth cleaning and inspection to ensure better maintenance of the bags.
	d. provide sufficient number of mobile or stationery vacuum cleaners to clean plant roads, shop floors, roofs regularly;	Mechanised sweeping machine, industrial vacuum cleaners are being used to clean the plant roads, shop floors and other areas.
	e. ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation	Bauxite is transported through state-of-the-art technology, Long Distance Conveyor (LDC). The entire conveyor length of 18.4 kms is covered with hood to prevent spillage & dust generation. Coal is conveyed through a pipe conveyor. Other raw materials like lime and coal are transported through rail and covered conveyor system inside the plant.
	f. provide covered sheds for raw materials like bauxite, coal, etc;	Covered shed is already provided for coal & lime and construction of shed is under progress for Bauxite. However, bauxite is being stored under tarpaulin cover.
	g. recycle alumina dust collected in ESPs installed in calciner.	Alumina dust collected in ESP is recycled through pneumatic conveying system which is part of the design.
15	The project proponent shall (Water Pollution Control):	
	a. adhere to ‘zero liquid discharge’;	The concept of zero discharge is being strictly followed.

	b. provide Sewage Treatment Plant for domestic wastewater; and	Sewage Treatment Plant (STP) are provided at both the townships and one inside the plant. The outlet water is being utilized for green belt development. Analysis Report of STP treated water is enclosed in **Annexure-VII.**
	c. provide garland drains and collection pits for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	The surface run-off water from bauxite & coal handling area is collected centrally in the RCC lined Settling Pond.
16	The project proponent shall (Water Conservation):	
	a. practice rainwater harvesting to maximum possible extent; and	Bayer's process is alkaline in nature and hence rainwater harvesting inside the plant is not possible. The rainwater during rainy season is being collected in guard pond, caustic pond, holding pond and RMP is reused in the process avoiding usage of fresh water. However, six recharge pits have been constructed to harvest roof top rainwater for ground water recharge at the township.
	b. reduce water consumption in bauxite beneficiation and alumina refinery by concentrating the solids in the tailings;	Bauxite beneficiation is not a part of our process. Hence, this not applicable to us. In this regard, we had already requested your good office to waive off this condition vide our letter no. UAIL/ENV/2018-19/96 dated 16.07.2018. However, the tailings from alumina refinery is being disposed using High Concentration Slurry Disposal (HCSD) having 60% solids to state of the art & latest red mud filtration (RMF) unit as per the CREP guidelines. Disposal of red mud through pressure filters having 80% solids on impervious ponds has saved water consumption due to water recycle in the form of filtrate of the RMF unit. Red Mud Filtration has helped in reducing water consumption.
17	The project proponent shall (Energy Conservation):	
	a. provide waste heat recovery system (pre-heating of combustion air) at the flue gases.	This is part of the design in the Calciner & CPP units.
	b. provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly; and	Solar power plant of capacity 5 MW is already installed & commissioned at our township during the month January 2020. The entire solar power generated is being utilised both in plant and township.
	c. Provide the project proponent for LED lights in their offices and residential areas.	LED lights have already been provided at plant as well townships.
18	Used refractories shall be recycled as far as possible.	Used Refractory around 46.81 MT supplied to Cement industries during the period April'23 to Sep'23.

19	Oily scum and metallic sludge recovered from ETP shall be mixed, dried, and briquetted and reused.	It is an Alumina Refinery plant and site-specific effluent treatment facility have been provided and the treated effluents are being reused. There is no generation of oily scum and metallic sludge in the process. In this regard, we had already requested your good office to exclude this condition vide our letter no. UAIL/ENV/2018-19/96 dated 16.07.2018.
20	The project proponent shall prepare GHG emissions inventory and shall submit the programme for reduction of the same including carbon sequestration including plantation.	The source of GHG emissions are coal fired boilers of CPP and FO used Calciner Burners. Utilization of coal & FO has been reduced by optimizing energy utilization. The other programs are (i) commissioning of 5 MW solar energy Plant for fully utilization in plant & township (ii) mass plantation around the plant area. Carbon sequestration projects are under progress in collaboration with various research agencies.
21	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency Preparedness Plan on the basis of HIRA and Disaster Management Plan has been prepared & implemented. The DMP is approved by the Director of Factories & Boilers, Odisha.
22	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Heat stress analysis of workmen of high temperature work zone is being carried out and PPEs like high temperature resistant suits are being provided as per the norms of Factory Act.
23	The project proponent shall adhere to the corporate environmental policy and system of the reporting of any infringements/ non-compliance of EC conditions at least once in a year to the Board of Directors and the copy of the board resolution shall be submitted to the MoEF&CC as a part of six-monthly report.	Agreed, followed and informed.
24	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses.	Ventilation system is provided at tunnels, motor houses as per the standard and requirement.
25	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	Fly ash is being supplied to fly ash brick manufacturing units, cement industry, road making by NHAI and land development. The agreement/order for lifting the fly ash with the brick manufacturers is attached as ***Annexure VIII.***
26	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Aluminium Industry shall be implemented.	As per CREP guideline, two issues (i) Phasing out of wet disposal of Red Mud & (ii) Utilisation of Red mud come under the purview of Alumina Refinery Plant.

		Red Mud is disposed using High Concentration Slurry Disposal (HCSD) with 60% solids to red mud filtration unit as per the CREP guidelines. The filtered cake is being stored in the impervious Bauxite residue pond. Utilisation plan is made as intimated in the earlier conditions.
27	A dedicated environmental cell with qualified personnel shall be established. The head of the environment cell shall report directly to the head of the organization.	An independent environment management cell has been established by the unit for monitoring of environmental parameters and implementation of effective control measures related to environment management. The head of the environment cell is directly reporting to the unit head of Utkal.
28	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Mobile toilets, sewage treatment plant, safe drinking water, medical health care unit, crèche etc. have been provided inside the proposed expansion site. As the existing plant is in running condition, the housing for the construction labour is provided outside the plant with all necessary infrastructure.
29	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	All the conditions stipulated in the consent order is being followed and compliance report submitted to the concerned authorities on timely basis.
30	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	All the expansion and modifications in the plant will be carried out with prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
31	The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.	Hazardous waste is being disposed to the authorized recyclers/ reprocessors of CPCB as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
32	The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Noise control measures have been implemented to maintain the noise levels within the norms. Noise level analysis report for the period April'2023 to September'2023 is enclosed at **Annexure-IX.**
33	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	1. Pre-employment Health check-up is being carried out for all the employees at the time of joining. 2. As per The Factories Act –1948 periodical Health check-up is being carried out on annual basis for all the employees and records are maintained and submitted to the Director of Factories & Boilers, Odisha.
34	The project proponent shall also comply with all the environmental protection	Agreed & being implemented.

	measures and safeguards recommended in the EIA/EMP report.	
35	The project proponent shall (Post-EC Monitoring):	
	a. send a copy of environmental clearance letter to the heads of Local Bodies, Panchayat, Municipal bodies and relevant offices of the Government;	Complied.
	b. put on the clearance letter on the web site of the company for access to the public.	Complied. Environmental Clearance (EC) was uploaded in our company website (http://www.hindalco.com/upload/pdf/EC-alumina-refinery-expansion-power-plant-90MW-2018.pdf)
	c. inform the public through advertisement within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEF&CC) at http:/envfor.nic.in.	The same was published in local newspapers namely "The political business daily" in English and "The Sambada Kalika" in Odia that are widely circulated in the region.
	d. upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same periodically;	The status of compliance of the stipulated environmental clearance conditions including the results of monitored data is being submitted along with half yearly compliance report and the same is uploaded periodically in our website (http://www.hindalco.com/upload/pdf/utkal-half-yearly-ec-comp- October'22- March'23.pdf)
	e. monitor the criteria pollutants level namely; PM_{10}, SO_2, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company;	Ambient air quality and stack emission monitoring is being carried out and the results of the monitored parameters are displayed through digital display board provided at main gate for the public view. These monitored results are uploaded periodically in our website *http://www.hindalco.com/upload/pdf/utkal-alumina-half-yearly-compliance-report-October'22- March'23.pdf*
	f. submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB;	Six monthly reports are being uploaded in the Parivesh portal of CPCB as per the guideline. With that we are also submitting the copy of the half yearly compliance report to Regional Office of the Ministry at Bhubaneswar / Central Pollution Control Board / SPCB, Odisha within stipulated time in soft copy.

	g. submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company;	Environment Statement for each financial year is being submitted annually to SPCB. The latest Environment Statement for 2022-23 was submitted to SPCB & MoEF & CC on 28-09-2023 & uploaded in the Company Website.
	h. inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Date of financial approval: 06.01.2018 Date of land development work: 24.08.2018
36	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed.
37	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted & Agreed.
38	The PP shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent	Agreed and being followed.
39	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	Noted
40	This EC is issued in suppression of the earlier EC vide F. No. J-11011/753/2007-IA-II(I) dated 29.01.2018	Noted
41	This is EC issued subject to the outcome of the court case in W.P.No. 5697 if 2007 (Prafulla Samantray Vs Union of India & Others) before High Court of Odisha.	The said W. P.No. 5697 of 2007 was dismissed as withdrawn being infructuous. The outcome of the W.P. issued by High Court of Odisha is submitted to your good office along with six monthly compliance report for the period Apr'19 to Sept'19 vide our letter no. UAIL/ENV/2019-20/25 dated 29-11-2019.Hence complied.

42	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study
- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy
- Agricultural Development
- Information Technology
- Public Health Engineering
- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-10715

Date: 27.11.2023

ANNEXURE-I

Ground Water Quality

Period: Apr 23 – Sep 23

Piezometer at Red Mud Pond 3

Sl. No.	Parameters	Unit	IS-10500 Standards	Apr-23	May-23	Jun 23	Jul 23	Aug 23	Sep23
1	Color	Hazen	5	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.38	7.84	7.44	7.65	7.75	7.65
4	Turbidity	NTU ,Max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	248.6	239.0	254.1	241.4	238.0	226.0
6	Temperature	^{0}C	-	28.8	27.5	26.6	25.1	27.8	27.1
7	Conductivity	µS/cm	-	391.5	377.6	388.3	368.4	366.5	372.0
8	Calcium (as Ca)	mg/L max	75	35.5	32.4	24.0	23.3	33.5	33.7
9	Chloride (as Cl)	mg/L max	250	43.5	36.5	42.1	46.7	36.2	36.8
10	Copper (as Cu)	mg/L max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/L max	1	0.32	0.41	0.36	0.42	0.46	0.44
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/L max	1.0	0.36	0.31	0.44	0.39	0.25	0.31
14	Magnesium (as Mg)	mg/L max	30	6.1	4.2	12.5	15.2	4.7	5.1
15	Manganese (as Mn)	mg/L max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/L max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/L max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/L max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium (as Se)	mg/L max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO_4)	mg/L max	200	23.6	22.4	21.4	22.8	24.2	23.8
21	Total Alkalinity	mg/L max	200	76.4	69.3	87.2	69.4	71.5	72.6
22	Total Hardness	mg/L max	200	113.6	98.0	112.0	121.4	100.0	104.2
23	Zinc (as Zn)	mg/L max	5	0.25	0.19	0.21	0.26	0.25	0.24
24	Cadmium (as Zn)	mg/LMax	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/LMax	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/LMax	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury(as Hg)	mg/LMax	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/LMax	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/LMax	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

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Ref: Envlab/23-24/TR-10716 Date: 27.11.2023

ANNEXURE-IV

Ambient Air Quality (FUGITIVE DUST) Monitoring Results
Period: Period: Apr 23 – Sep 23 (Monthly Average Values)

FUGITIVE DUST	Apr 23	May-23	Jun 23	Jul 23	Aug 23	Sep 23	Half Yearly Average
Alumina Handling Area	86.0	85.3	86.4	85.3	82.4	83.2	**84.77**
Bauxite Handling Area	92.0	89.2	87.8	80.3	79.3	78.4	**84.50**
Lime Handling Area	89.0	91.5	90.3	86.3	81.5	86.3	**87.47**
Coal Handling Area	89.0	88.3	89.5	79.2	80.4	81.5	**84.65**
Meterial Gate	90.0	94.3	92.3	83.6	82.1	84.3	**87.77**
Ash Handling Area	95.0	92.5	93.7	91.5	86.3	85.5	**90.75**
Traffic center	93.0	90.3	91.5	88.3	85.4	87.2	**89.28**
Rod Mill Area	91.0	89.6	90.7	89.1	87.3	86.6	**89.08**

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Ref: Enviab/23-24/TR-10717

Date: 27.11.2023

ANNEXURE-V

Stack Monitoring Results
Period: Apr 23 – Sep 23 (Monthly Average Values)

1. Stack Attached to Calciner - I

Parameter	Prescribed Standard	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Six Months Average
Temperature °C	....	172.3	171.5	170.5	170.3	169.8	169.8	170.7
Velocity m/sec	....	7.2	7.2	7.1	7.4	7.6	7.6	7.35
Particulate Matter mg/Nm³	50	31.6	29.9	30.1	31.5	32.5	32.5	31.4
SO_2 (mg/Nm³)	....	217.0	218.0	213.5	225.8	244.8	244.8	227.3
NOx (mg/Nm³)	....	149.0	151.0	155.5	151.0	153.0	153.0	152.1

2. Stack Attached to Calciner - II

Parameter	Prescribed Standard	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Six Months Average
Temperature °C	....	169.8	169.3	168.5	171.0	170.8	170.8	170.0
Velocity m/sec	....	6.9	7.0	6.8	7.2	7.7	7.7	7.2
Particulate Matter mg/Nm³	50	31.1	29.2	30.1	30.7	32.3	32.3	30.9
SO_2 (mg/Nm³)	....	217.0	214.0	221.5	221.5	239.8	239.8	225.6
NOx (mg/Nm³)	....	146.8	151.8	159.5	150.5	146.0	146.0	150.1

3. Stack Attached to Calciner - III

Parameter	Prescribed Standard	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Six Months Average
Temperature °C	....	175.50	176.00	175.75	173.50	171.50	171.50	174.0
Velocity m/sec	....	7.5	7.6	7.6	7.4	7.6	7.6	7.5
Particulate Matter mg/Nm³	50	25.5	26.5	28.3	29.6	31.8	31.8	28.9
SO_2 (mg/Nm³)	....	212.3	209.3	205.3	692.5	220.3	220.3	293.3
NOx (mg/Nm³)	....	148.0	149.5	154.8	154.5	148.5	148.5	150.6

4. Stack Attached to Boiler, Unit-1 of Power Plant

Parameter	Prescribed Standard	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Six Months Average
Temperature °C	....	117.5	118.8	118.0	317.0	118.0	118.0	117.9
Velocity m/sec	....	13.2	12.9	12.9	12.3	12.1	12.1	12.5
Particulate Matter mg/Nm³	50	41.4	42.2	41.4	42.6	41.8	41.8	41.9
SO_2 (mg/Nm³)	600	494.5	500.3	494.3	501.3	525.0	525.0	506.7
NOx (mg/Nm³)	300	198.5	206.0	197.5	206.7	253.0	253.0	219.1

5. Stack Attached to Boiler, Unit-2 of Power Plant

Parameter	Prescribed Standard	Apr-23	May-23	Jun 23	Jul 23	Aug 23	Sep23	Six Months Average
Temperature °C	....	119.0	120.5	Under Shut down	117.5	118.5	119.5	**119.0**
Velocity m/sec	....	14.0	14.0		13.1	12.4	12.5	**13.2**
Particulate Matter mg/Nm³	50	41.0	41.0		41.0	41.5	41.0	**41.1**
SO_2 (mg/Nm³)	600	493.5	490.0		514.3	516.8	513.8	**505.7**
NOx (mg/Nm³)	300	193.5	190.5		206.8	229.8	227.5	**209.6**

6. Stack Attached to Boiler, Unit-3 of Power Plant

Parameter	Prescribed Standard	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Six Months Average
Temperature °C	....	126.0	124.0	123.0	121.0	120.3	120.3	122.1
Velocity m/sec	....	15.0	15.2	14.8	14.3	12.5	12.5	14.2
Particulate Matter mg/Nm³	50	40.5	39.4	40.0	41.3	41.1	41.1	40.4
SO_2 (mg/Nm³)	600	500.8	493.5	499.8	508.5	515.5	515.5	504.3
NOx (mg/Nm³)	300	197.8	199.0	198.0	206.0	221.8	221.8	206.2

Note : No deviation is observed and all the values are within the standard prescribed under EC & CTO.

Reviewed by:

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Ref: Envlab/23-24/TR-10718

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ANNEXURE-V

Ambient Air Quality (AAQ) Monitoring Results

Period: Apr 23 – Sep 23 (Monthly Average Values)

AAQ-1: Admin Building	PM_{10} $\mu g/m^3$	$PM_{2.5}$ $\mu g/m^3$	SO_2 $\mu g/m^3$	NO_2 $\mu g/m^3$	CO mg/m^3
Apr-23	63.9	35.5	15.3	23.1	0.56
May-23	62.4	33.6	14.5	21.8	0.53
Jun 23	61.8	33.7	14.8	22.2	0.53
Jul 23	56.8	31.1	13.3	21.8	0.52
Aug 23	52.7	26.6	14.8	24.6	0.54
Sep23	52.7	26.6	14.8	24.6	0.54
Six Months Average	**58.4**	**31.2**	**14.6**	**23.0**	**0.54**
AAQ-2: Doraguda	PM_{10} $\mu g/m^3$	$PM_{2.5}$ $\mu g/m^3$	SO_2 $\mu g/m^3$	NO_2 $\mu g/m^3$	CO mg/m^3
Apr-23	64.2	35.4	13.2	22.8	0.56
May-23	63.3	34.2	14.4	24.1	0.57
Jun 23	62.5	34.3	14.7	24.6	0.57
Jul 23	57.4	31.1	12.4	22.5	0.57
Aug 23	54.4	28.1	13.5	23.0	0.59
Sep23	54.4	28.1	13.5	23.0	0.59
Six Months Average	**59.4**	**31.9**	**13.6**	**23.3**	**0.58**
AAQ-3: Dimundi Boundary Side	PM_{10} $\mu g/m^3$	$PM_{2.5}$ $\mu g/m^3$	SO_2 $\mu g/m^3$	NO_2 $\mu g/m^3$	CO mg/m^3
Apr-23	65.2	36.4	14.6	22.5	0.61
May-23	63.6	34.4	12.4	21.3	0.59
Jun 23	62.9	34.0	13.1	21.8	0.60
Jul 23	57.6	31.2	12.1	21.2	0.60
Aug 23	54.9	28.6	14.2	23.3	0.62
Sep23	54.9	28.6	14.2	23.3	0.62
Six Months Average	**59.9**	**32.2**	**13.4**	**22.2**	**0.61**

Note : No deviation from the NAAQS is observed and all the values are within the standard prescribed under National Ambient Air Quality Standards (NAAQS)

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Ref: Envlab/23-24/TR-10719

Date: 27.11.2023

ANNEXURE-V

Ambient Air Quality (AAQ) Monitoring Results

Period: Apr 23 – Sep 23 (Monthly Average Values)

AAQ-4: BSNL Tower	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³
Apr-23	64.1	35.8	12.8	21.6	0.56
May-23	63.1	34.3	13.4	22.0	0.59
Jun 23	62.1	34.2	13.5	22.7	0.60
Jul 23	55.6	30.1	12.3	21.8	0.59
Aug 23	53.4	28.3	14.3	23.2	0.61
Sep23	53.4	28.3	14.3	23.2	0.61
Six Months Average	**58.6**	**31.8**	**13.4**	**22.4**	**0.59**
AAQ-5: Nuapada	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³
Apr-23	63.4	35.5	13.5	22.1	0.62
May-23	62.9	34.3	14.0	22.4	0.55
Jun 23	62.1	33.9	14.4	23.1	0.56
Jul 23	55.0	29.7	13.4	22.2	0.55
Aug 23	53.5	27.4	11.9	21.4	0.59
Sep23	53.5	27.4	11.9	21.4	0.59
Six Months Average	**58.4**	**31.4**	**13.2**	**22.1**	**0.58**
AAQ-6: Training Center	PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³
Apr-23	63.7	35.6	11.4	18.7	0.41
May-23	61.9	34.0	11.2	19.0	0.44
Jun 23	61.4	33.5	11.7	19.7	0.44
Jul 23	56.4	29.9	11.1	19.3	0.39
Aug 23	55.2	28.6	13.9	19.8	0.48
Sep23	55.2	28.6	13.9	19.8	0.48
Six Months Average	**59.0**	**31.7**	**12.2**	**19.4**	**0.44**

Note : No deviation from the NAAQS is observed and all the values are within the standard prescribed under National Ambient Air Quality Standards (NAAQS)

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Ref: Envlab/23-24/TR-10720

Date: 27.11.2023

ANNEXURE-VI

Ground Water Quality

Period: Apr 23 – Sep 23

GW1: Kuchipadar

Sl. No.	Parameters	Unit	IS-10500 Standards	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.52	7.64	7.72	7.68	7.52	7.45
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	241.0	264.0	275.0	278.0	291.0	294
6	Temperature	^{0}C	-	26.5	28.3	25.8	26.1	28.5	28.2
7	Conductivity	µS/cm	-	381.4	403.6	415	421	485.0	492
8	Calcium (as Ca)	mg/l, max	75	31.7	32.6	23.5	20.0	34.2	33.8
9	Chloride (as Cl)	mg/l, max	250	32.8	38.6	41.3	36.4	38.5	39.5
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.38	0.35	0.39	0.42	0.32	0.28
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.39	0.29	0.39	0.42	0.32	0.25
14	Magnesium (as Mg)	mg/l, max	30	5.79	4.0	11.8	13.4	4.3	4.6
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	22.6	25.3	26.3	31.4	25.5	24.6
21	Total Alkalinity	mg/l, max	200	85.6	82.3	85.6	89.1	83.2	82.2
22	Total Hardness	mg/l, max	200	103.0	98.0	108.1	105.4	103.0	102.2
23	Zinc (as Zn)	mg/l, max	5	0.27	0.26	0.21	0.28	0.22	0.25
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

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Ref: Envlab/23-24/TR-10721

Date: 27.11.2023

Ground Water Quality

Period: Apr 23 – Sep 23

GW2: Baghrijhala

Sl. No.	Parametres	Unit	IS-10500 Standards	Apr 23	May-23	Jun 23	Jul 23	Aug 23	Sep 23
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.38	7.25	7.35	7.42	7.28	7.32
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	216.0	218.0	229.0	232.0	286.0	292
6	Temperature	°C	-	28.3	27.6	24.8	25.4	27.5	27.6
7	Conductivity	µS/cm	-	339.7	344.4	355.7	362.4	475.5	485
8	Calcium (as Ca)	mg/l, max	75	38.5	35.8	20.4	22.0	35.6	34.6
9	Chloride (as Cl)	mg/l, max	250	34.5	36.7	31.5	38.7	36.5	37.2
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.37	0.32	0.39	0.32	0.3	0.32
12	Free residual Chlorine	mg/L min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.35	0.28	0.24	0.31	0.35	0.26
14	Magnesium (as Mg)	mg/l, max	30	3.86	4.5	14.4	13.2	5.3	5.1
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<0.05	<0.05	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	16.2	19.6	21.6	25.4	19.5	19.2
21	Total Alkalinity	mg/l, max	200	87.3	83.6	95.4	98.7	84.5	83.2
22	Total Hardness	mg/l, max	200	112.0	108.0	112	121	110.0	108.2
23	Zinc (as Zn)	mg/l, max	5	0.35	0.31	0.28	0.29	0.32	0.28
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

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- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Enviab/23-24/TR-10722 **Date: 27.11.2023**

Ground Water Quality

Period: Apr 23 – Sep 23

GW3: Dimundi

Sl. No.	Parametres	Unit	IS-10500 Standards	Apr 23	May-23	Jun 23	Jul 23	Aug 23	Sep 23
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	–	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	–	6.5-8.5	7.49	7.55	7.65	7.46	7.61	7.65
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	235.0	233.0	315.6	306.5	282.0	285
6	Temperature	°C	-	27.4	28.4	26.4	25.7	28.6	28.4
7	Conductivity	µS/cm	-	370.2	368.1	482.1	471.5	472.2	475
8	Calcium (as Ca)	mg/l, max	75	36.6	34.6	25.2	21.6	33.8	32.6
9	Chloride (as Cl)	mg/l, max	250	32.3	38.2	39.7	36.8	37.5	37.2
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.36	0.38	0.31	0.35	0.36	0.34
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.41	0.24	0.31	0.28	0.25	0.28
14	Magnesium (as Mg)	mg/l, max	30	3.79	6.0			5.8	5.5
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	14.6	21.5	24.5	27.3	24.2	22.5
21	Total Alkalinity	mg/l, max	200	68.5	72.6	89.4	81.4	75.6	72.5
22	Total Hardness	mg/l, max	200	107.0	111.0	118.2	106.4	108.6	103.5
23	Zinc (as Zn)	mg/l, max	5	0.29	0.32	13.3	10.5	0.35	0.32
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

Visiontek Consultancy Services Pvt. Ltd.

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Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Enviab/23-24/TR-10723

Date: 27.11.2023

Ground Water Quality

Period: Apr 23 – Sep 23

GW4: Lachuguda

Sl. No.	Parametres	Unit	IS-10500 Standards	Apr 23	May-23	Jun 23	Jul 23	Aug 23	Sep 23
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.69	7.34	7.21	7.38	7.55	7.63
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	217.0	227.0	201.3	205.1	235.0	238.0
6	Temperature	^{0}C	-	29.1	27.3	26.4	25.8	27.5	26.8
7	Conductivity	µS/cm	-	340.3	356.4	305.1	312.3	392.2	398.0
8	Calcium (as Ca)	mg/l, max	75	35.3	32.9	24.8	20.0	33.3	34.2
9	Chloride (as Cl)	mg/l, max	250	30.9	36.4	31.4	38.1	35.5	36.2
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.37	0.34	0.41	0.39	0.41	0.40
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.33	0.26	0.19	0.26	0.22	0.27
14	Magnesium (as Mg)	mg/l, max	30	4.22	5.8	13.5	13.2	5.4	5.6
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	17.4	19.3	26.6	27.1	22.5	21.2
21	Total Alkalinity	mg/l, max	200	80.8	75.2	88.4	89.0	76.2	74.6
22	Total Hardness	mg/l, max	200	105.0	106.0	112.1	118.4	105.0	107.5
23	Zinc (as Zn)	mg/l, max	5	0.26	0.29	0.44	0.38	0.36	0.27
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

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Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Enviab/23-24/TR-10724

Date: 27.11.2023

Ground Water Quality

Period: Apr 23 – Sep 23

GW5: Bhitur Muchikumi

Sl. No.	Parametres	Unit	IS-10500 Standards	Apr 23	May-23	Jun 23	Jul 23	Aug 23	Sep 23
1	Color	Hazen, max	5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
2	Odour	--	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable	Agreeable
3	pH value	--	6.5-8.5	7.91	7.45	7.45	7.66	7.43	7.35
4	Turbidity	NTU, max	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	500	236.0	241.0	232	245	250.0	234.0
6	Temperature	°C	-	29.2	30.6	25.2	25.8	30.5	30.2
7	Conductivity	µS/cm	-	373.2	379.6	356.2	378.4	384.5	368.0
8	Calcium (as Ca)	mg/l, max	75	37.2	36.9	21.0	26.4	32.5	31.8
9	Chloride (as Cl)	mg/l, max	250	31.2	38.6	25.6	28.9	37.5	36.5
10	Copper (as Cu)	mg/l, max	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
11	Fluoride (as F)	mg/l, max	1	0.42	0.46	0.32	0.45	0.45	0.42
12	Free residual Chlorine	mg/l, min	0.2	ND	ND	ND	ND	ND	ND
13	Iron (as Fe)	mg/l, max	1.0	0.35	0.29	0.22	0.38	0.32	0.28
14	Magnesium (as Mg)	mg/l, max	30	2.3	2.3	15.0	13.3	2.5	2.7
15	Manganese (as Mn)	mg/l, max	0.1	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
16	Mineral oil	mg/l, max	0.5	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
17	Acidity	mg/l, max	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
18	Phenolic compounds (as C_6H_5OH)	mg/l, max	0.001	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
19	Selenium(as Se)	mg/l, max	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
20	Sulphate (as SO4)	mg/l, max	200	21.8	22.5	31.4	22.8	22.1	21.5
21	Total Alkalinity	mg/l, max	200	86.3	81.3	92.5	95.6	82.4	82.4
22	Total Hardness	mg/l, max	200	102.5	112.0	115	121.4	102.0	98.6
23	Zinc (as Zn)	mg/l, max	5	0.26	0.28	0.22	0.18	0.25	0.22
24	Cadmium (as Cd)	mg/l, max	0.003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
25	Cyanide (as CN)	mg/l, max	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
26	Lead (as Pb)	mg/l, max	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
27	Mercury (as Hg)	mg/l, max	0.001	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
28	Total arsenic (as As)	mg/l, max	0.01	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
29	Pesticide	mg/l, max	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
30	Total Coli forms	MPN/100ml	Shall not be detected in any 100 ml sample	ND	ND	ND	ND	ND	ND

Reviewed by:

Approved by:

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Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-10725

Date: 27.11.2023

ANNEXURE-VII

Treated Water (STP Outlet)Plant Period: Apr 23 – Sep 23 (Monthly Average Values)										
SL. No.	Parameters	Units	Standards (Inland Surface Water) Part-A	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Six Month Average
1	pH value		5.5-9.0	7.48	7.52	7.37	7.29	7.34	7.38	7.40
2	Faecal Coliform	MPN/100ml	--	76.0	68.7	67.6	70.0	67.8	65.7	69.3
3	Oil & Grease	mg/L, Max	10	3.6	3.8	3.7	3.4	3.6	3.5	3.60
4	N-Total	mg/L, Max	--	8.2	7.5	7.4	7.1	7.2	6.9	7.4
5	COD	mg/L, Max	250	129.2	99.2	99.2	98.2	97.1	99.0	103.67
6	BOD, 3 Days at 27°C	mg/L, Max	30	26.0	23.6	21.8	19.8	19.9	20.6	22.0
7	Suspended Solid	mg/L, Max	100	50.9	48.0	44.6	44.3	45.2	45.3	46.37
8	Ammonical Nitrogen (as NH_3-N)	mg/L, Max	100	6.4	6.7	6.5	6.1	5.9	4.7	6.1

Reviewed by:

Approved by:

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Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-10726

Date: 27.11.2023

ANNEXURE-IX

Noise Monitoring Results
Period: Apr 23 – Sep 23 (Monthly Average Values)
CORE ZONE NOISE

Sl. No	Noise Monitoring Locations	Apr 23		May-23		Jun 23		Jul 23		Aug 23		Sep 23		Six months average	
		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq			
		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day	Night
1	Bauxite Handling Area	71.6	65.2	70.3	67.3	72.3	68.2	73.4	67.3	82.3	65.9	72.2	64.9	73.7	66.5
2	Road Mill Area	72.5	65.9	72.6	64.8	72.7	65.3	72.6	65.8	79.3	66.4	71.8	65.3	73.6	65.6
3	CPP area	73.4	63.7	72.8	65.8	73.6	67.1	72.8	68.2	78.8	67.3	73.0	65.8	74.1	66.3
4	Alumina Handling area	72.6	62.4	73.2	63.4	71.8	64.3	73.6	66.3	80.3	67.1	72.6	66.4	74.0	65.0
Ambient Air Quality Standards in respect of Noise for Industrial Area														75	70

Note: No deviation from the AAQ standard in respect of Noise is observed and all the values are within the standard prescribed.

Reviewed by:

Approved by:

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Environment Lab
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Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/23-24/TR-10727

Date: 27.11.2023

ANNEXURE-IX

Noise Monitoring Results
Period: Apr 23 – Sep 23 (Monthly Average Values)
BUFFER ZONE NOISE

Sl. No	Noise Monitoring Locations	Apr 23		May-23		Jun 23		Jul 23		Aug 23		Sep 23		Six months average	
		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq		Results in dB(A)Leq			
		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day	Night
1	R&R colony	46.8	42.3	48.3	43.8	47.5	43.8	46.5	42.8	47.8	42.1	48.6	43.6	**47.6**	**43.1**
2	Township (Nuapada)	48.7	43.8	50.2	44.8	49.2	44.1	50.3	43.6	49.6	44.6	49.5	42.8	**49.6**	**44.0**
3	Doraguda	46.5	43.1	49.3	42.9	47.8	43.5	48.2	44.2	48.4	43.7	47.3	42.8	**47.9**	**43.4**
4	KUCHEIP ADAR	47.6	42.8	48.2	42.9	49.3	42.8	48.6	43.8	49.4	44.2	48.5	43.6	**48.6**	**43.4**
5	POLICE STATION DORAGUDA	49.3	41.8	52.4	43.6	50.3	44.2	49.1	42.6	50.3	43.6	49.6	44.4	**50.2**	**43.4**
6	Dimundi	50.2	43.1	50.3	42.9	50.8	43.5	51.6	44.3	49.7	44.1	50.4	44.1	**50.5**	**43.7**
Ambient Air Quality Standards in respect of Noise for Residential area														**55**	**45**

Note: No deviation from the AAQ standard in respect of Noise is observed and all the values are within the standard prescribed.

Reviewed by:

Approved by:

ADITYA BIRLA

Ref: UAIL/SO/FA/01/22-23 Dated: 26-08-2022

M/s. Priya Fly Ash Bricks
Kodipari,
PS: Tikiri,
Tikiri
Rayagada,
765015

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter
Dear Sir,
With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges upto your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1700
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1200

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of 12 months from the date of issue of this order.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

ADITYA BIRLA
UTKAL ALUMINA

Ref: 22/MATL/FA/17

Dated: 20-09-2022

M/s. Mahaveer Bricks Industry
RAYAGADA, JODIPADAR, KODIPARI, KASHIPUR
765015 , ODISHA

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1500

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS –GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA
UTKAL ALUMINA

Ref: 22/MATL/FA/20 Dated: 20-09-2022

M/s. PRAHLAD NAIK
At-D.Koral, PO-Kucheipadar, Via-Kashipur
Dist- Rayagada,Odisha-765015

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Sl. no	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1700
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1200

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA
UTKAL ALUMINA

Ref: 22/MATL/FA/19 Dated: 20-09-2022

M/s. Utkal Fly Ash Bricks
KNO-181/253
PNO-412
Oshapada, Tikiri
Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter
Dear Sir,
With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Sl. no	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1500

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/18 Dated: 20-09-2022

M/s. Anu Fly Ash Bricks
Khata No-517/47,
Plot No-1103,
Main Road, Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1500
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1000

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

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a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

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e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

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h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

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j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

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m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

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n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA
UTKAL ALUMINA

Ref: 22/MATL/FA/21

Dated: 20-09-2022

M/s. Dash Traders
Champi, Block Laxmipur
Dist: Koraput
Pin: 765013

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
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(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

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a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/16

Dated: 20-09-2022

M/s. Mahalaxmi Bricks Industries
Phulagachha Padar,
Panchada
Kakarigumma
Koraput Odisha-765013

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1500

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods In Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/15

Dated: 20-09-2022

M/s. Sainath Fly Ash Bircks
Khata No- 111/70, Plot No-362
Tutibara, Main Road, Kashipur,
Rayagada, Odisha-765015

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1500

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any-point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/14

Dated: 20-09-2022

M/s. Baba Bricks Industry
KH No: 98/Plot No- 32
Near I.O.C Petrol Pump
Main Road, Dengaguda
Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1500
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1000

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/13

Dated: 20-09-2022

M/s. Maruti Bricks
Plot No-68, Railway Station Road
Laxmi Pur
Dist-Koraput

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1500

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

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j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

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q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

UTKAL ALUMINA

Ref: 22/MATL/FA/12

Dated: 20-09-2022

M/s. Chandan Fly Ash Bricks
Bagirijhola
Khata No: 113,
PO-Kucheipadar
PS- Doraguda, Tikiri
Rayagada, Odisha

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
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(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
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(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
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This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

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a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/11

Dated: 20-09-2022

M/s. MAA KALI INDUSTRY
At-Bandikar, PO-Buria, Via-Laxmipur
Dist- Koraput,Odisha-765013

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Sl. no	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1500

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security..

ADITYA BIRLA

Ref: 22/MATL/FA/10 Dated: 20-09-2022

M/s. Mahaveer Fly Ash Bricks
AT/PO: Dongasil
PS: Doraguda
Block: Kashipur
Dist: Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1500
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1000

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

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q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

- Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

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e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

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j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

ADITYA BIRLA

Ref: 22/MATL/FA/06 Dated: 20-09-2022

M/s. Maa Manikeswari Industry
AT/PO: Sankarada
PS: Tikiri
Dist: Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	2000
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(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

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e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

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j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

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m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

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o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/07

Dated: 20/09/2022

M/s. Om Shanti Fly Ash Brick
Durakabal, Khata No: 7/278
Plot No: 120/213/494
Tikiri, Main Road
Totaguda

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Slno	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
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(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

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i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

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q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/06

Dated: 20-09-2022

M/s. MMG FLY ASH Bricks
M/s. MMG Fly Ash Bricks
At : Goudaguda
PO : Sankarda
PS : Tikiri
Dist: Rayagada (ODISHA)

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

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(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
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This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

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c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/05

Dated: 20/09/2022

M/s. LG Fly Ash Bricks
Near Asian Teak Colony
Tiliri,Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Sl. no	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1700
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1200

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/04

Dated: 20-09-2022

M/s. Kalinga Flyash Green Bricks
At/Po: Tikiri (Asian Teak Colony)
Block: Kashipur
Dist: Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Sl. no	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1700
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1200

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAILs goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I-truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/03

Dated: 20-09-2022

M/s. JOGESWAR NAIK
Kucheipadar, Rayagada,
India, Odisha, 765015, India

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

S. Ino	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1500
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1000

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.
(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash
(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.
(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.
(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.
(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.
(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.
(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.
(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/2

Dated: 20-09-2022

M/s. Jayadhar Naik.
At.D-Korai
PO: Kucheipadar
PS: Doraguda
Dist: Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Sl. no	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	800
2	Transportation of Fly Ash	6 wheeler	9 (MT)	600

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept. at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022.

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
Head-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consigner / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

ADITYA BIRLA

Ref: 22/MATL/FA/01

Dated: 20-09-2022

M/s. AMA Industries
Dora Sahi,
Tikiri, Rayagada

Sub: Order for lifting of Fly Ash from our power plant for utilization

Ref: Your request letter

Dear Sir,

With reference to the above referred letter, we are pleased to award the order for lifting of fly ash from our power plant on free of cost basis, with following conditions:

(a) Fly ash will be issued to you from our power plant on free of cost basis, However the Transportation charges up to your brick industry shall be reimburse to you as follows duly certified by our stores department.

Sl. no	Description	Type of Vehicle	Minimum Capacity of Vehicle in Ton	Rate per Trip (Rs.)
1	Transportation of Fly Ash	10 wheeler	17 (MT)	1700
2	Transportation of Fly Ash	6 wheeler	9 (MT)	1200

(b) You have to get prior permission from authorized person of stores dept. for getting the vehicle entry in our plant premises.

(c) You have to get the documents verified at material gate from security such as vehicle registration, driver's license, fitness certificate etc. that are related to vehicle (tipper) which will be engaged for lifting of fly ash

(d) You will obtain tare weight of your vehicle while getting entry inside the plant premises and after loading obtain gross weight at our Weigh Bridge and keep a weighment slip with you.

(e) You have to ensure that the loaded truck/tipper is properly covered by tarpaulin to avoid spillage.

(f) The weighment slip so collected from the weigh bridge shall be submitted to the stores department for obtaining gate pass.

(g) You have to submit the gate pass obtained from stores dept at main gate while going out of UAIL's premises.

(h) You will ensure safety precaution for your men and vehicle and abide by traffic rule strictly.

(i) This order shall remain valid for a period of up 31st July-2023 months from 1st Aug'2022

(j) Payment Term: Transportation charges shall be reimbursed on monthly basis upon submission of bills duly certified by stores department.

This is in conformity with SPCB norms and you will show the consumption report to the regional officer, state pollution control board for their verification at any point of time. UAIL reserves the right to cancel / withdraw / extend the order without assigning any reason and notice.

For Utkal Alumina International Ltd.

Amit Panda
GM-Commercial

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

Schedule I

GENERAL TERMS AND CONDITIONS - GOODS (DOMESTIC)

Safety Guidelines for Transportation of Hazardous Goods

The Supplier / transporter / owner / driver of the carriage carrying hazards goods shall obey all the relevant provisions of Indian Central Motor Vehicle Act, Explosive Act, Petroleum Act and rules made thereunder and as amended from time to time, specifically:

a. Every goods carriage carrying goods of dangerous or hazardous nature to human life shall be fitted with a spark arrester.

b. It shall be responsibility of the consignor / transporter / owner to ensure the following, namely:

i. The goods carriage has a valid registration to carry the said goods

ii. The vehicle is equipped with necessary first-aid, safety equipment and antidotes as may be necessary to contain any accident

iii. That transporter or the owner of the goods carriage has full and adequate information about the dangerous or hazardous goods being transported; and

iv. That the driver of the goods carriage is trained in handling the dangers posed during transport of such good

c. Every consignor/transporter shall supply to the owner/driver of the goods carriage, full, adequate and accurate information i.e. Material Safety Data Sheet (MSDS) & Transport Emergency Card (TREM Card) about the dangerous nature hazardous goods being transported as to enable owner and its driver to tackle any emergency arising out while transporting

d. The consignor / transporter / owner of goods carriage shall ensure that the driver of such carriage is given all the relevant information in writing for transport (MSDS / TREM Card) and satisfy himself that such driver has sufficient understanding of the nature of such good and the nature of the risks involved in the transport of such goods and is capable of taking appropriate action in case of an emergency.

e. The Consigner / transporter / owner of the goods carriage dangerous or hazardous goods shall lay down the route for each trip which the driver shall be bound to take unless directed or permitted otherwise by the Police Authorities. They shall also fix a time table for each trip to the destination and back with reference to the route so laid down.

f. It shall be the duty of the transporter / owner / consigner to ensure that the driver of the goods carriage carrying dangerous or hazardous goods holds a driving license and possess a certificate of having successfully passed a course as mentioned in Central Motor Vehicles Act and Rules.

g. The driver of a goods carriage transporting dangerous or hazardous goods shall ensure that the information given to him in writing is kept in the driver's cabin and is available at all times while the dangerous or hazardous goods to which it relates, are being transported.

h. Supplier shall be responsible for & shall follow the safety rule under the provision of Factory Act 1948 & state specific factory rules and Indian electricity safety rules amended up to date and other statutory safety rules and regulations in force during currency of the contract. Trucks are liable to be checked at UAIL?s premises for safety features like brakes, reverse horns, lights, reverse lights, seat belts, etc., as per statutory requirements.

i. Ensuring Safety and prevention of any accident / incident of the employees of the vendor will be sole responsibility of the Supplier.

j. Charges towards any damage of the UAIL?s goods caused by the trucks will be deducted from the bill after assessment by UAIL.

k. Supplier's vehicle entering the factory premises must be comprehensively insured.

l. Supplier shall take all safety precaution and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personal equipment and the environment.

m. The Truck driver must have valid driving license, without which the driver will be restricted entry permission inside UAIL main gate.

Safety Guidelines for Transportation of Hazardous Goods in Schedule I

n. Two working head lights, rear lights and rear mirror should be in good working condition. Reverse horn to be made available in I truck. Number plates to be available and Vehicle Registration number to be mentioned legibly in all trucks.

o. All the tyres of the trucks should be in good condition.

p. Trucks should maintain speed limit of 20 KM per hour inside UAIL's factory premises, beyond which penalty will be imposed per UAIL's Safety Officer.

q. No overtaking of vehicles shall be permitted inside plant premises.

r. If any truck driver is found in drunken condition by UAIL representative, the truck shall not be allowed entry inside the factory premises. If found, suitable penalty will be imposed as per UAIL's Security.

Proof of Service

1423

Siddharth Sharma

From:	Siddharth Sharma
Sent:	Friday, September 6, 2024 6:09 PM
To:	sankarprasadpani@gmail.com; csori@nic.in; rdcbmp@nic.in; dm-rayagadal@nic.in; paribesh1@ospcboard.org; ms.spcb@ospcboard.org; sprgda.odpol@nic.in; mscb.cpcb@nic.in; ccb.cpcb@nic.in; secy-moef@nic.in; roez.bsr-mef@nic.in; pbanerjeebihani@gmail.com
Cc:	Ashish Prasad; Mukta Dutta; Kaustubh Mishra; Atri Roy Chowdhury
Subject:	Original Application No. 41 of 2024, National Green Tribunal Eastern Zone Bench, Kolkata

Dear Sirs,

We write on behalf of the Respondent No. 1, Utkal Alumina International Limited in the captioned matter.

Please take advance service of the reply on behalf of Respondent No. 1 in O.A No. 41 of 2024. The reply has been uploaded at: Reply on behalf of Respondent No 1.pdf

Regards
Siddharth Sharma
Associate | Profile

acara LAW LLP

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This exchange is privileged and confidential – for intended recipients only.