

BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH,
NEW DELHI

O.A. NO. 390 OF 2021

IN THE MATTER OF:

JAIRAM HANSDA

...APPLICANT

VERSUS

STATE OF JHARKHAND & ORS.

...RESPONDENTS

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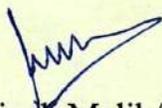
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DATED: 28/02/2023

RESPONDENT NO. 4

THROUGH


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BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH,
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O.A. NO. 390 OF 2021

IN THE MATTER OF:

JAIRAM HANSDA

...APPLICANT

VERSUS

STATE OF JHARKHAND & ORS.

...RESPONDENTS

REPLY ON BEHALF OF RESPONDENT NO. 4

TO THE COMPLAINT FILED THROUGH LETTER PETITION

MOST RESPECTFULLY SHOWETH:

1. The instant reply is being filed by Mr. Sumitra Kumar Shah, being Managing Director of the Respondent no. 4 (M/s. Shah Sponge and Power Limited, hereinafter referred to as "Company/Respondent no 4") herein, who is duly authorized through board resolution passed in meeting dated 30.12.2022 and therefore competent to make submission herein. The copy of the board resolution is attached herewith and marked as Annexure R-1.
2. At the outset, it is submitted that the present Complaint filed by Mr. Jairam Hansda (hereinafter referred to as "Complainant/Applicant") which is filed through letter petition dated 03.03.2021 sent via email dated 21.06.2021 to the Registrar General, National Green Tribunal, is a motivated one and is filed with a malafide intention without any basis and merit. The same has been filed knowingly making false and incorrect statements, in utter disregard of facts and circumstances of the matter. The Respondent no 4 vehemently denies all the false and frivolous statements made in the Complaint/letter dated 03.03.2021 and no contention shall therefore be

deemed admitted on grounds of non-traverse and the answering respondent hereby submits the true facts and events in this regard.

3. That the Respondent no 4 is a Company established in the year 2005 engaged in steel manufacturing and has achieved and enjoying a significant repute in the industry. That the manufacturing plant of the Respondent no 4 is situated at Juri, Hata under East Singhbhum district of Jharkhand. Further the Company had duly obtained all the necessary licenses and approvals including Consent to Operate (“CTO”) for running its business. The copy of the Certificate of Incorporation of the Company along with CTO is attached herewith as **Annexure R2(Colly)**.

4. That the Company has not only been involved in the manufacturing processes but has worked for the development of the nearby villages as well as the villagers and its employees. This is also apposite to mention here that the Company has been also working towards flora and fauna of the nearby location by regular plantations in the area and various preservative activities thereupon. The same is also acknowledged by the gram panchayats of the nearby villages. Due to such contribution towards eco and social spectrum of the nearby areas, the population, business activities, greenery and over all lifestyle of the villagers and nearby people have increased post starting of the plant.

5. That the present Complaint through letter petition over email before the Hon’ble Tribunal has been filed by the Complainant through a letter dated 03.03.2021, fuelled with malice and ulterior motive to harass the Respondent no 4 by levelling false accusations making the application conjectural. That

the present Application has only been filed to dissipate the precious time of this Hon'ble Tribunal. Therefore, the Complaint is liable to be dismissed on this ground alone.

6. That the Complaint filed by the Complainant has not been supported by any document, study or research to support frivolous statements against the Respondent no. 4 made therein and has only been made out of spite to set some narratives and with spurious motives.
7. It is submitted that the Complaint filed by the Complainant/Applicant allegedly states that the Respondent is causing air pollution by dumping of dust on the main road of Jamshedpur-Hata road, making it difficult for cyclist and motorcyclists to travel. Moreover, spillage of black dust particles on the agricultural land are forcing the farmers to give up cultivation and people living in the vicinity of 5 km radius are facing difficulty of staying in their homes and are medically suffering from T.B. and asthma. It is apposite to mention herein, that the Complainant has allegedly annexed pictures along with his complaint, however, no copy was provided to the Respondent no 4 for which the answering respondent hereby seeks leave of this court to respond to the same as and when provided by the complainant.
8. That the complaint filed by the Complainant/Applicant herein further intends to portray that the Respondent no. 4 is allegedly causing water pollution by spillage of dust nearby causing blockage in the sewage system. It also purportedly submitted by the complainant that there are black dust particles in the water bodies in the surrounding areas upto 3-4 km, making it difficult for the locals to use the water for bathing purposes and using it for their

daily use. It is further wrongly submitted by the complainant that Fishes and the bio-diversity have been affected due to the water pollution caused by the company and the population has been decreasing consistently, however, no document has been annexed to substantiate the false and frivolous claim of the Applicant. On the contrary, it is seen from the data and information available in public domain that the population and health conditions of villagers in the nearby areas have no adverse effect and is growing steadily and the nearby villages have developed tremendously in terms of infrastructure and quality of lifestyle.

9. That the Hon'ble Tribunal vide order dated 24.01.2022 registered the present Application qua the complaint and formed a joint committee comprising of the CPCB, State PCB, Regional Office of MoEF and CC, Bhubaneswar and the District Magistrate-East Singhbhum, Jharkhand to look into the matter and provide a detailed factual and action taken report.

10. That subsequent to the order dated 24.01.2022, a Joint Committee was formed out of the following nominated members:

- a. Sri Nandkishore Lal, ADM (L&O, East Singhbhum, Jamshedpur).
- b. Dr. T. H. Mahato, Scientist D, MoEF&CC, Ranchi.
- c. Sri Jitendra Prasad Singh, Regional Officer, JSPCB, Jamshedpur.
- d. Sri Sandeep Roy, Scientist D, CPCB, RD, Kolkata.

11. The Joint Committee as per the order of the Hon'ble Tribunal had conducted the inspection of the plant of the Respondent on 18.04.2022 for making an Inspection Report as directed and the said report was submitted by the

Regional Officer, JSPCB Regional Office, Jamshedpur vide letter no. 328 dated 25.04.2022. The copy of the above mentioned letter dated 25.04.2022 along with the Inspection Report is attached herewith as **Annexure R-3**.

12. That it is pertinent to mention that the Committee in its Inspection Report states that enquiry was made with the Applicant herein regarding the alleged issues/allegations raised by him in his letter to the Hon'ble Tribunal however, the Applicant failed to provide any substantial evidence to vindicate his allegations. That the Applicant failed to show any area affected due to the activities of the Respondent no. 4, nor the Applicant was able to furnish the medical history/treatment record of any affected persons due to pollution from Plant in the nearby areas as allegedly stated in his Application to the Hon'ble Tribunal. The exact verbatim of the inspection report is reproduced in this regard as follows:

“During visit, the committee members also interacted with the applicant/Petitioner Mr. Jairam Hansda. The applicant mentioned in the Letter/ Application that area upto 3-5 km radius around the Plant Premises is affected by Water/ Air Pollution due to Plant operation. Accordingly, Mr J Hansda was requested to show the affected area, water body etc and Medical history/ treatment of affected persons due to pollution from Plant operation. The Applicant requested Committee Members for site visit around the Plant premises. Accordingly, the Members including Plant Officials visited nearby Water Bodies (2 Nos.) located at SAMARSAHI Village (South side of the Plant). During visit, as observed local populace were using Pond water for bathing, washing etc. The committee members

also interacted with Local/ Villagers (Smt Savita Manna, Mr KhokonBhumij, Mr UmapadaPramanik, Mr Santosh Madina, Mr RamapadaPramanik, Mr Raja Pramanik) and as they informed, they are not suffering from any disease (like TB, Asthma etc) as alleged by the Applicant. Significant amount of black dust was observed on leaves of trees upto 200 mtr, then less amount of black dust deposition on leaves was observed at further distance of 200 mtr, in wind direction. The Applicant could not describe about the Fishery business affected due to pollution from the Plant operation which he mentioned in the Application. Further Mr Jairam Hansda could not show the Affected Place/ Affected people due to pollution from Plant operation as claimed in his application to Honourable NGT."

13. That admittedly, despite the above observations, the said inspection report pointed out some non-compliance by the Respondent no 4 which is reproduced herein below:

- a. Exceedance of SO_x& NO_x (as per OCEMS Display), **however PM value was found within the prescribed limit.**
- b. Leakages from Klin feeding and discharge to cooler.
- c. Leakages from Kiln Emergency cap.
- d. Sufficient green belt not developed as per CPCB norms.

14. That thereafter pursuant to the Inspection Report, the State PCB (Jharkhand State Pollution Control Board) vide its letter dated 26.05.2022, passed an order for the environmental compensation against the Respondent for the aforementioned non-compliances and fixing an arbitrary amount of Rs.

42,187.50/- per day..and the total compensation of Rs. 3,95,71,875.00/- (Rupees Three Crores Ninety-Five Lacs Seventy-One Thousand Eight Hundred and Seventy-Five only) and further granting show cause opportunity to the Respondent. That the order of JSPCB, dated 26.05.2022 is annexed herewith as **Annexure R-4**.

15. That the Respondent, subsequently filed a letter dated 30.09.2022 for reconsideration of the order dated 26.05.2022 submitting that the Respondent has taken actions to correct the insufficiencies/discrepancies as pointed out by the Joint Committee and moreover, submitted the following:

Sl.	Observation by the Committee	Responses/submission
1.	That, exceedance of SOx and NOx (as per OCEMS display), however PM value was found within the prescribed limit.	The OCEMS system is working properly and data is being transferred to JSPCB & CPCB continuously. The SOx and NOx emissions were within the limit and are maintained at present also
2.	That leakages from the kiln feeding and discharge to cooler	The leakages from kiln feeding has been controlled with and discharge to replacement of the worn-out iron parts and addition water spraying in the hopper. The cooler discharge section bag filter suction has been improved to control the leakages/fugitive emissions.

3.	That, leakages from the Kiln cap	A minimal kiln cap vent takes place to maintain the optimal pressure in the kiln, with respect to flow of flue gases to WHRB. It is not a regular/continuous process and takes place only as emergency as per automatic PLC controller of pressure in the kiln. It is always passed through the WHRB. The venting is loss to power generation hence avoided most of the time.
4.	That, sufficient greenbelt not developed as per CPCB norms	Till date, we have already made greenbelt plantation of 6000 developed as per CPCB trees on an area of 6.5 Acres and we propose to plant balance 5500 trees over 5.7 Acres within two years. Plan for 1year (by March 2023) 3000 trees, area 3.5 Acres, For second year (by March 2024) 2500 trees, over area 2.2 Acres

16. That apart from the above submissions, the Respondent, further submitted that the Company had already taken adequate measures to curb the issue of pollution by installing pollution control equipment such as ESP, Bag filter, Suction Hood, fixed water sprinklers and sprinkling of water by mobile water tankers for suppression/control of dust/fugitive emission.

17. It is further submitted that the JSPCB, directed the Regional officer for the inspection of the plant of the Respondent and for issuing a verification report for the compliance of the discrepancies. The Regional officer, namely Mr. J. P. Singh visited the plant of the Respondent on 29.10.2022 and prepared a verification report dated 02.11.2022, which was forwarded to the Member Secretary, JSPCB. That on the basis of the verification report the Respondent no. 4 was asked to again comply with the remaining deficiencies. That the verification report dated 02.11.2022 is annexed herewith as **Annexure R-5**.

18. That the Respondent no. 4, in utmost respect of the law, diligently acted to remove the remaining deficiencies in the plant and submitted an implementation report dated 29.11.2022 to the member secretary of the JSPCB, Jharkhand, submitting the following:

Sl.	Observation	Compliance
1.	Data of SO _x , NO _x and PM not found transmitted to JSPCB server from 2x100 TPD sponge iron plant	The data is being transmitted from both stacks to the JSPCB Server.
2.	Torn out bags has to be removed to prevent leakages from kiln feeding and cooler discharge	The leakage from kiln feeding has been controlled with replacement of the torn-out parts and additional water spraying in the hopper. The cooler discharge section bag filter suction has been improved to control the leakages.

3.	Leakage from Kiln cap of rotary Kiln was found	A minimal kiln cap vent takes place during emergency to maintain the optimal pressure in the kiln, with respect to flow of flue gases to WHRB in order to avoid high pressure. The venting is a loss to power generation hence is seriously monitored all the time.
4.	More tree plantation required	Till date, we have already made greenbelt plantation of 6000 trees on an area of 6.5 acres and we propose to plant balance 5500 trees over 5.7 acres within two years. Plan for 1st year (by March,2023) 3000 trees in area of 3.5 acres, For second year (by March 2024) 2500 trees over 2.2 acres.

That the implementation report submitted by the Respondent no. 4 dated 29.11.2022 is annexed herewith as **Annexure R-6**.

19. That thereafter, upon receiving the representation from the Respondent no 4, the JSPCB vide its letter dated 19.12.2022, directed the regional officer to inspect the unit in the light of representation made.

20. That pursuant to the directions of the JSPCB, the Regional officer visited the plant of the Respondent no 4 on 27.12.2022 and inspected the plant and made the following observations in their verification report dated 29.12.2022:

Sl.	Observation	Compliance
1.	Data of SO _x , NO _x	During the inspection 2x100 TPD rotary kiln and

	and PM not found. Transmitted to JSPCB server from 2x100 TPD sponge iron plant	power plant found in operation. Online continuous monitoring system for stack monitoring attached with ESP was also found in operation.
2.	Torn out bags has to be removed to prevent leakages from kiln feeding and cooler discharge	Leakage from kiln feeding has been controlled. Leakage from the cooler discharge has also controlled. The unit has changed the torn out bags.
3.	Leakage from Kiln cap of rotary Kiln was found	Leakage from kiln cap has been controlled. The unit representative informed that the castable of kiln cap got damaged due to opening/closing of the cap to maintain pressure in kiln. They regularly repairing the damaged castables.
4.	More tree plantation required	The plantation along the boundary wall found. The unit representative informed that by March, 2023 they have planned to do tree plantation in 3.5 Acres and by March, 2024 It will be in another 2.2 Acres of land. Altogether 5500 trees will be planted outside the premises in own land. In last three months they have planted 500 No. of trees. It is necessary to take measures for good survival rate of plants.

That the copy of the Verification report dated 29.12.2022 has been annexed herewith as **Annexure R-7**.

21. That thereafter receiving the verification report dated 29.12.2022, the JSPCB has furthermore, submitted an Action Taken Report which has been signed by the Member Secretary, namely Mr. Yatindra Kumar Das, which comprised of the subsequent actions taken place after passing of the order dated 12.10.2022 in the present Application. The JSPCB considering the verification report dated 29.12.2022, submitted by the regional officer and the implementation report submitted by the Respondent no. 4, the JSPCB recorded in the Para 8 of the said Action Taken Report that

“the abovementioned Inspection Report submitted by the Regional Officer, JSPC Board, Jamshedpur shows that the recommendation of the Committee constituted by the Hon’ble NGT has been complied. In light of the above the Hon’ble Tribunal may be pleased to dispose of the matter.”

The copy of the said action taken report is attached herewith as **Annexure R-8**. That it is apt to mention herein that vide the report as herein above, JSPCB has already suggested for the present matter to be disposed by the Hon’ble Tribunal, however the JSPC Board has not withdrawn the compensation imposed upon the Respondent no. 4 which was arbitrarily fixed vide show cause notice dated 26.05.2022, which is against the law and equity.

22. That the Respondent has duly and diligently acted to comply with all the recommendations set out by the committee, and it is further submitted that the Respondent has acted in good faith and shown its bonafides towards preserving the environment. It further assures that it will continue to work towards the eco social spectrum as well as environmental issues of the nearby areas.

23. That it is apposite to mention that the Respondent has the valid 'Consent to Operate' which is valid till 30.06.2024 and 'Hazardous Waste Authority' which is valid till 11.08.2025. Further, the plant was operational in an area of 35 acres and the OCEMS were installed and calibration was valid till 27.08.2022 (i.e. before filing of the complaint by the Complainant).
24. That it is apposite to mention that there is no outward movement of the fly ash outside the premises of the Company as the Company consumes all of the fly ash generated in the Plant to further produce the fly ash bricks, moreover, there is no evidence of dumping of the fly ash/dust on the Jamshedpur-Hata main road.
25. That the Company has kept many swans, ducks, cows and cattle inside the Plant, and are using rain water through recharge pit and domestic bore well to feed and raise them. The animals inside the Plant graze on the grasslands inside and nearby the Plant and no problem has been faced by them. The photographs of the swans, ducks and cows kept inside the plant are attached herewith as **Annexure R-9**. Moreover, all the residents of the surrounding areas are using the pipe water through the Mukhyamantri Jal Nal Yojna provided by the government and duly maintained by the Respondent for washing, bathing, and drinking water.
26. That it is apposite to mention that the Respondent provides employment to more than 3000 people in its plant out of which most are from the local areas, which has improved the economic status, livelihood of the surrounding areas and significantly reduced the unemployment problem in

the area. The Company for the betterment of the lifestyle of the villagers living at the nearby areas, has been carrying out various CSR Activities such as Health Check-up camp, providing Ambulance, Drinking water distribution, Organising Cricket/ Football match etc.

27. That it was further observed in the inspection report by the Joint Committee that the Respondent has planted an estimate of 5565 trees over 6 acres during the year 2017-2022 and further subsequently have planted 6000 trees on an area of 6.5 acres and the Respondent further has been working on and proposes to plant balance 5500 trees over 5.7 acres within two years.

28. That it was informed and observed by the officials of the committee that the daily water consumption is around 305KL which is way below the CGWA limit granted i.e., 905KLD and further it was informed/observed that industrial water is not discharged and the Kiln cooling water is continuously recycled.

29. It is submitted that the Applicant has not come before this Hon'ble Tribunal with clean hands as he has not disclosed any details and/or documents w.r.t., to the false accusations made against the Respondent. In fact during site visit of the appointed joint committee the Complainant/Applicant failed to show even a single evidence or supportive documents which could support his baseless and meritless allegations in the Complaint. In fact the Respondent no 4 herein has attached latest photographs of nearby areas herewith as **Annexure R-10(Colly)**, which demonstrates that the unit of Respondent no 4 is compliant of the applicable Environment laws.

30. It is stated that the Company has been working diligently to ensure that there is no harm being caused to the environment and has been working in compliance with the inspection report and various provision of the Environmental laws.

31. It is therefore most respectfully stated that this Original Application admitted on the basis of false application of the Applicant, which has been filed out of sheer malice, spite and vengeance against the Respondent no 4, which can further be clearly seen from the positive reports of the Joint Committee constituted in compliance of order of this Hon'ble Tribunal on this regard amply establishing that the complaint is false and wrong and thus fit for rejection.

PRAYER

It is therefore most respectfully prayed that this Hon'ble Tribunal may most graciously be pleased to:

- a. Dismiss the present Application filed by the Applicant in the interest of justice/equity.
- b. Take necessary and stringent action against the Applicant for filing false Application before the Hon'ble NGT.
- c. Direct the JSPCB to withdraw its showcause notice dated 26.05.2022 and 29.09.2022 against the Respondent no 4.
- d. Pass such other and further order(s) that this Hon'ble Tribunal deems fit and proper in the facts and circumstances of the present case and in the interest of justice/equity.



Chitra Suk
RESPONDENT NO. 4

THROUGH

Vivek Malik/Vivek Sinha/
Karan Aggarwal/Shubham Bharara
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Place: NEW DELHIDated: १८.02.2023**Verification**

I Mr. Sumitra Kumar Shah, S/o Raj Kumar Shah, R/o Sri Niwas 5, Road No 7, C.H. Area, Sakchi, Bistupur, East Singhbhum, Jharkhand- 831001, being the Managing Director/Authorised Representative of the Respondent no 4, do hereby verify the contents and submissions of para 1 - to para 31 are true and correct to my personal knowledge and no material facts have been concealed or suppressed herein with respect to instant matter.

Verified on this १८.०२. 2023 at NEW DELHI

DEPONENT

BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH,
NEW DELHI

O.A. NO. 390 OF 2021

IN THE MATTER OF:

JAIRAM HANSDA

...APPLICANT

VERSUS

STATE OF JHARKHAND & ORS.

...RESPONDENTS

AFFIDAVIT

I Mr. Sumitra Kumar Shah S/o Raj Kumar Shah, R/o Sri Niwas 5, Road No 7, C.H. Area, Sakchi, Bistupur, East Singhbhum, Jharkhand- 831001 aged about 37 years, solemnly affirm and state as hereunder that

1. I am the Managing Director of the Respondent no 4 herein and duly authorized to swear on this present affidavit and as such conversant with facts and circumstances of the matter and therefore capable of deposing instant affidavit on behalf of Respondent no 4.
2. The instant reply has been drafted on my instruction by my counsel and I have read and understood the same
3. The contents of the para 1 to 31 of this reply are true and correct to the best of my knowledge and believe and nothing material has been concealed therefrom.

I identify the deponent personally who has signed in my presence



Sumitra Shah
DEPONENT

Verification

I Mr. Sumitra Kumar Shah, S/o Raj Kumar Shah, R/o Sri Niwas 5, Road No 7, C.H. Area, Sakchi, Bistupur, East Singhbhum, Jharkhand- 831001, being the Managing Director/Authorised Representative of the Respondent no 4, do hereby verify that the contents of the above affidavit are true and correct to my best of my knowledge and no material facts have been concealed or suppressed therefrom.

Verified on this 28 FEB 2023 at NEW DELHI

Solemnly affirmed before me, read over & explained to the deponent

Notary Public, DELHI

Sumitra Shah
DEPONENT
28 FEB 2023

**BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH,
NEW DELHI**

O.A. NO. 390 OF 2021

IN THE MATTER OF:

JAIRAM HANSDA

...APPLICANT

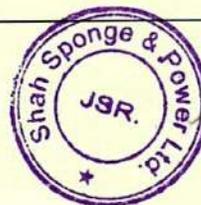
VERSUS

STATE OF JHARKHAND & ORS.

...RESPONDENTS

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Shah Sponge & Power Ltd.
RESPONDENT NO. 4

122

THROUGH



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Place: NEW DELHI

Dated: 28.02.2023



Extract of the minutes of the Board Meeting of Shah Sponge and Power Limited held at its administrative office at H No. 18, 2nd Floor, Padmalaya, Ram Mandir Shop Area, Bistupur, Jamshedpur- 831001, Jharkhand on December 30, 2022 at 11.30 am.

Appointment of Authorized Representative in the matter of Jairam Hansda (Applicant) and State of Jharkhand (Respondent) before the Hon'ble National Green Tribunal, New Delhi:

The Chairman was briefed in the matter of Jairam Hansda (Applicant) and State of Jharkhand (Respondent) before the Hon'ble National Green Tribunal with regard to complain filed by Jairam Hansda against the Company towards pollution. It was also brought to the notice of the Board that the matter was heard before the Hon'ble National Green Tribunal, New Delhi. It was then decided by the Board to authorize a person to represent this complaint filed against the Company and accordingly the following resolution was passed unanimously:

“RESOLVED THAT, consent of the Board be and is hereby accorded to authorize Mr. Sumitra Kumar Shah, Managing Director to represent the Company with regard to the legal proceedings in the matter of Jairam Hansda (Applicant) and State of Jharkhand (Respondent) before the Hon'ble National Green Tribunal, New Delhi.”

“RESOLVED FURTHER THAT, Mr. Sumitra Kumar Shah, Managing Director be and is hereby further authorized to appear, sign, verify, declare, affirm, make, present, submit and file all necessary notices, petitions, written statements, affidavits, undertakings, vakalatnamas, declarations, Appeals, claims, counter claims, Revisions, applications, statements, complaints, papers, documents and execution of such other documents or activities as may be required on behalf of the Company in the above matter before any court of law, tribunal or any authority.”

“RESOLVED FURTHER THAT, the copy of the resolution be submitted to such authorities as may be necessary to give effect to this resolution.”

Sd/-

Chairman

Certified to be true copy

Rishi Pratim Ghosh
Company Secretary
Shah Sponge and Power Limited

SHAH SPONGE & POWER LTD.

Registered Office : 7 Grant Lane Ganpati Chambers, Room No. 310, Cabin No. 5, Kolkata W.B. 700012, CIN : U27100WB2005PLC134108
Admn. Office : Holding No. 18, 2nd Floor, Padmalaya Building, Ram Mandir Shop Area, Bistupur, Jamshedpur-831001, (Jharkhand)
Works : Village - Juri, Near Hata, East Singhbhum, Jharkhand -831002, GSTIN - 20AAKCS0068H1ZM
Phone : 0657-2321512, Fax : 0657-2321518, E-mail : shahsponge@gmail.com, Website : www.shahsponge.com

भारत सरकार-कॉर्पोरेट कार्य मंत्रालय
कम्पनी रजिस्ट्रार कार्यालय, पश्चिम बंगाल

लिमिटेड कम्पनी के रूप में परिवर्तित होने के परिणामस्वरूप, कम्पनी के नाम में परिवर्तन का नया
निगमन प्रमाण-पत्र

कॉर्पोरेट पहचान संख्या : U27100WB2005PLC134108

मैसर्स SHAH SPONGE AND POWER PRIVATE LIMITED

के मामले में, मैं एतद्वारा सत्यापित करता हूँ, कि मैसर्स

SHAH SPONGE AND POWER PRIVATE LIMITED

जो मूल रूप में दिनांक एक सितंबर दो हजार पांच का कम्पनी अधिनियम, 1956 (1956 का 1) के अंतर्गत मैसर्स

SHAH SPONGE AND POWER PRIVATE LIMITED

के रूप में निगमित की गई थी, और उसके द्वारा कम्पनी अधिनियम, के साथ पठित धारा 31/21 की शर्तों के अनुसार विधिवत आवश्यक
विनिश्चय दिनांक 30/03/2009 को पारित किया है, उक्त कम्पनी का नाम परिवर्तित करके आज मैसर्स

SHAH SPONGE AND POWER LIMITED

के नया है और यह प्रमाण-पत्र, कथित अधिनियम की धारा 23(1) के अनुसरण में जारी किया जाता है।

यह प्रमाण-पत्र, मेरे हस्ताक्षर तथा कोलकाता में आज दिनांक अक्टूबर नवंबर दो हजार नौ को जारी किया जाता है।

GOVERNMENT OF INDIA - MINISTRY OF CORPORATE AFFAIRS
Registrar of Companies, West Bengal

Fresh Certificate of Incorporation Consequent upon Change of Name on
Conversion to Public Limited Company

Corporate Identity Number : U27100WB2005PLC134108

In the matter of M/s SHAH SPONGE AND POWER PRIVATE LIMITED

I hereby certify that SHAH SPONGE AND POWER PRIVATE LIMITED which was originally incorporated on
First day of September Two Thousand Five under the Companies Act, 1956 (No. 1 of 1956) as SHAH SPONGE
AND POWER PRIVATE LIMITED having duly passed the necessary resolution on 30/03/2009 in terms of Section
31/ 21 read with Section 44 of the Companies Act, 1956; the name of the said company is this day changed to
SHAH SPONGE AND POWER LIMITED and this Certificate is issued pursuant to Section 23(1) of the said Act.

Given under my hand at Kolkata this Twenty Eighth day of May Two Thousand Nine.



(DEBASISH BANDOPADHYAY)

कम्पनी रजिस्ट्रार / Registrar of Companies
पश्चिम बंगाल
West Bengal

कम्पनी रजिस्ट्रार के कार्यालय अभिलेख में उपलब्ध पत्राचार का पता

Mailing Address as per record available in Registrar of Companies office.

SHAH SPONGE AND POWER LIMITED

13, PRAFULLA SARKAR STREET, GROUND FLOOR, NEAR CHANDNI CHOWK METRO STATION,
KOLKATA - 700072,
West Bengal, INDIA


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JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, IEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-5551325/2019/1919

Dated : 2019-09-24

Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2019-06-18 of Shah Sponge & Power Ltd., Occupier Name :Raj Kumar Shah for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..

Documents Relied Upon:

- (a) The content of Consent to Establish (CTE) issued vide Ref. No.3967 dated 01.11.2007 for Sponge Iron - 200 TPD, Pig Iron - 120 TPD AND vide Ref. No. G-3147 dated 23.12.2011 for Captive Power Plant- 08 MW;
- (b) The content of Consent to operate (CTO) vide Ref. No. G-5202 dated 03.11.2015 for Sponge Iron 2 x 100 TPD, Pig Iron - 120 TPD & Captive Power Plant - 08 MW On [Plot No. 1442, 1443, 1445, 1446, At- Juri, PO- Hata, Dist- East Singbhum] [33 Acre] [Inv. 74.94 Crore] valid up to 30.06.2019.
- (c) The content of Inspection Report (I/R) vide Ref No. 1119 dated 06.07.2019 of Regional Office-Cum-Laboratory, JSPC Board, Jamshedpur;
- (d) The contents of uploaded EC issued vide F. No. 11013/14/2019-JA-II(M) dated 26.04.2019 has been attached.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -Juri/ Barasai , P S -Juri , District -EAST SINGHBUM , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			
Before Expansion	1442, 1443, 1445, 1446, At- Juri, PO- Hata, Dist- East Singbhum	33 Acre	7494 lakh	Sponge Iron 2x100 TPD, Pig Iron - 120 TPD & Captive Power Plant - 08 MW	30/06/2024

(A) Specific Conditions:


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1. That, the occupier shall raise the height of all stacks attached with air pollution control devices (APCD) up to 30 metre within 4 months.
2. That, the occupier shall comply fugitive emission standards of 2000 g/m³ at a distance of 10 meter from raw material crusher and product handling areas etc.
3. That, the occupier shall provide separate electricity meter and totaliser for continuous recording of power consumption with all APCD. A logbook shall be maintained for recording of daily meterage of electricity meter connected to all APCDs. The amperage of the ID fan shall also be recorded continuously. Non functioning of APCD shall be recorded in the same logbook along with reasons for non-operation of the Pollution Control Equipment.
4. That, the safety cap/emergency stack of rotary kiln type plant, which is generally installed above the after burner chamber (ABC) of feed end column should not be used for discharging untreated emission, bypassing the air pollution control device.
5. That, the occupier shall provide software controlled interlocking facility keeping in view of on-line emission and effluent monitoring system to ensure stoppage of feed conveyor, so that the feed to the kiln would stop automatically, if emergency/safety cap of the rotary kiln is opened or ESP is non - operational.
6. That, the occupier shall install mechanically operated fitted with water mixing (spiral pug mill) system for dry collection and removal of the flue dust generated in ESP or at any other pollution control devices for control of fugitive emission at the dust collection system.
7. That, the occupier shall install Atmospheric Fluidized Bed Combustion (AFBC) Boilers for generation of power with use of char within 02 years.
8. That, the occupier shall maintain logbook for daily record of Char production and its usage. The record shall be made available to officials of JSPCB during inspection of the plant
9. That, the occupier shall maintain logbook for daily record of Char production and its usage. The record shall be made available to officials of JSPCB during inspection of the plant /
10. That, the occupier shall make the approach road and roads within premises of the plant and work areas asphalted or concreted.
11. That, the occupier shall construct the shed within 04 months for keeping Iron Ore properly and ensure Crushing and screening operation in shaded enclosed area.
12. That, the occupier shall make water sprinkling arrangement in areas around crushing and screening units, raw material heaps at unloading points, heavy vehicle movement areas, roads and waste dump sites
13. That, the occupier shall have its conveyor belt for transporting the materials fully covered all along its way and transfer points of conveyor belt should also be covered and suction system should be connected to de-dusting equipment.
14. That, the occupier shall make extensive plantation of three tier all along the roads and boundary wall of the industry.
15. That, the occupier shall, use the fly ash generated from AFBC boiler as per notification released by MoEF & CC, New Delhi "Fly Ash Notification" dated 14th September, 1999 and as amended on 25th, January, 2016.
16. That, the occupier shall in no case dispose of the solid waste including fly ash and bottom ash on any agricultural land and keep it within the plant premises. The occupier having plant capacity less than 200 TPD shall look for disposal of char in AFBC boiler of other plant. All the solid wastes shall be kept fully covered with wire mesh or soil coating. Different types of solid wastes generated shall be stored separately as per the guidelines of CPCB to avoid adverse effect on air quality and water region.
17. That, the occupier shall make arrangement for operation of the plant in such a way that all pollution control devices shall start before start of conveyor belt/plant operation and similarly all pollution control

19. That, the occupier shall install Closed Circuit Television (CCTV) camera for monitoring of operational status of APCDs for observations of the same as and when required.

20. That, the occupier shall submit compliance of conditions of CTO half yearly to the Board.

21. That, the occupier shall maintain zero trade effluent discharge and install a web cam at each outlets of the drain.

22. That, the occupier shall construct garland drain, toe wall and settling tanks for storage of solid wastes and raw materials separately and de-siltation of settling tanks shall be done regularly.

That, the occupier shall comply all of the conditions as mentioned in affidavit within the stipulated timeline and submit the report to the Board

24. That, the occupier shall submit applications for renewal of consent under section 25 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent i.e. 30.06.2024 with documents showing compliance of all of the above conditions.

(B) General Conditions :

(1) That, the occupier shall maintain the National Ambient Air Quality Standard given below:


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S N	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO ₂), µg/m ³	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO ₂), µg/m ³	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM ₁₀ , µg/m ³	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM _{2.5} , µg/m ³	Annual 24 hours	40 60	40 60
5.	Ozone(O ₃), µg/m ³	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) µg/m ³	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m ³	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH ₃) µg/m ³	Annual 24 hours	100 400	100 400
9.	Benzene (C ₆ H ₆) µg/m ³	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m ³	Annual	01	01
11.	Arsenic (As) ng/m ³	Annual	06	06
12.	Nickel (Ni) ng/m ³	Annual	20	20

Note : Serial no. 1 to 4 – Mandatory
Serial no. 5 to 12 As applicable for specific type of industry.

- (2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
1	Particulate Matter	100 g/ Nm ³
2	Sulphur Dioxide	80 g/ Nm ³
3	Oxides of Nitrogen	80 g/ Nm ³

- (3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

S N	Parameter	Standard
1	Total Suspended Solids	100 mg/L
2	BOD	30 mg/L
3	COD	250 mg/L
4	Oil & Grease	10 mg/L

- (4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

- (5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.
- (6) That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.
- (7) That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
- (8) That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.

- (9) That, the occupier shall submit report(s) duly monitored and issued by an NABL, accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.
- (10) That, this CTO is valid subjected to the validity of mining Lease/Mining Plan/Ecofriendly/Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.
- (11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ occupier.
- (12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be, instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.
- (13) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.
4. That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.
5. That, this CTO is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.
6. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.
7. The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.

This is issued with the approval of the Competent authority

RAJEEV LOCHAN BAKSHI
 Digitally signed by RAJEEV LOCHAN BAKSHI
 Date: 2019.09.24 14:06:12 +05'30'
 (Rajeev Lochan Bakshi)
 Member Secretary

Dated : 2019-09-24

Memo No. : JSPCB/HO/RNC/CTO-551325/2019/1919

Copy to: M/s Shah Sponge & Power Ltd., Village - Juri, Near Hata, Potka, Dist- East Singhbhum / Director of Industry, Government of Jharkhand, Ranchi/ Deputy Commissioner, East Singhbhum / Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of Factories, Ranchi/ DFO, East Singhbhum / DMO, East Singhbhum / R.O., JSPCB, Jamshedpur for information & ensuring compliance of the above.

RAJEEV LOCHAN BAKSHI
 Digitally signed by RAJEEV LOCHAN BAKSHI
 Date: 2019.09.24 14:06:47 +05'30'
 (Rajeev Lochan Bakshi)
 Member Secretary

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JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15 NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Web Site- jspcb.org/ Phone- 0657-2383241/ Fax- 0657-2383905

Ref. No: -...328...

Dated-...25-4-2022...

From,

J.P. Singh
Regional Officer.

To,

The Member Secretary,
Jharkhand State Pollution Control Board,
Ranchi.

Sub: -

Compliance of the directions issued by the Hon'ble NGT Principal Bench, New Delhi in its order dt- 24.01.2022 in O.A. No.- 390/2021 (Jairam Hansda Vs State of Jharkhand) Regarding.

Ref. :-

H.Q. letter No.- B-349 dt- 17.02.2022

Sir,

With reference to subject noted above, It is to inform that committee has visited M/s Shah Sponge & Power Ltd, Juri, Hata, Dist- East Singhbhum and its nearby areas on 18.04.2022. The Inspection report is herewith attached for necessary action at H.Q. level.

This is for information and necessary action.

Encl :- As above.

Yours faithfully,

J.P. Singh
25.04.2022
(J.P. Singh)

Regional officer.

Inspection Report

In the matter Original Application No 390/21/PB, Hon'ble National Green Tribunal vide order dated 24/01/2022, issued direction based upon the Grievance raised by Sri Jairam Hansda against M/s Shah Sponge Iron & Power Ltd, Juri, East Singhbhum. The Hon'ble NGT issued following direction:

"Having regard to the seriousness of the allegations, it appears necessary to ascertain the factual position in the matter through a joint Committee of the CPCB, State PCB, Regional Office of MoEF& CC, Bhubaneswar and the District Magistrate-East Singhbnum, (Jharkhand). The State PCB will be the Nodal agency for coordination and compliance. The joint Committee may meet within four weeks and 2 undertake site visit and look into the grievance and take remedial action in accordance with law after following due process".

Accordingly, following Officials Inspected the site on 18th April 2022:

- Sri Nandkishore Lal, ADM (L& O), East Singhbhum, Jamshedpur
- Dr T H Mahato, Scientist D, MoEF&CC, Ranchi
- Sri Jitendra Prasad Singh, Regional Officer, JSPCB, Jamshedpur
- Sri Sandeep Roy, Scientist D, CPCB, RD, Kolkata

Following Officials from M/s Shah Sponge & Iron Ltd were present during inspection:

- Sri Anup Sinha, Director
- Sri S P Mishra, GM-Tech

Sri Jairam Hansda, Applicant/ Petitioner of the said matter was also present during the inspection.

About the Plant:

M/s Shah Sponge Iron & Power Ltd is in operation at Village Juri, East Singhbhum, Jharkhand. Following manufacturing/ production facilities are available with the plant:

- DRI (Sponge Iron) Unit: 100 TPD x 4
- Captive Power Plant: 8 MW (4 MW WHRB & 4 MW AFBC Boiler)
- Fly ash Bricks: 1.4 Lac Brick/ day
- Induction furnace: 12 TPD x 4

ESP has been installed with DRI and CPP as APCD. The Stack height is reported to be 65 m with dia of 2.5 m. Bag filters have been installed at strategic location of material conveying area.

The Consent to Operate (CTO) is valid till 30/06/2024 and Hazardous waste authorization is valid till 11/08/2025.

Observation:

- I. The plant was found operational during visit. The total area of the plant is reported to be 35 Acres.
- II. Online Continuous Emission Monitoring system (OCEMS) has been installed in two Stacks and emission data has been transferred to JSPCB & CPCB Servers. The OCEMS is installed by M/s Vasthi Instruments Pvt Ltd.
- III. The OCEMS calibration is carried out by M/s Vasthi Instruments Pvt Ltd. and Calibration is valid till 27/08/2022.
- IV. During inspection the OCEMS analysed value for SO_x & NO_x were observed (intermittently) as 90 mg/Nm³ & 91 mg/Nm³ respectively which were exceeding the CTO prescribed norms of 80 mg/Nm³.
- V. During inspection, leakages from Kiln (raw material feeding end) and DRI Discharge to Cooler were observed thus causing fugitive emission in the premises.

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- VI. The intermittent leakages from DRI emergency cap was also observed causing fugitive emission.
- VII. Transport road inside the premises was mainly paved by pavers block. Dust accumulation was observed on the premises and causing fugitive emission due to plying of vehicles.
- VIII. During visit water sprinkling observed on the road between Plant and Highway. The said road length is 800 m (approx). As informed, water is sprinkled 3-4 times in a day however It may not be sufficient to control generation of fugitive emission on the approach road.
- IX. Dust (black) layer has been observed on the Leaves inside the plant premises. This reflects the frequent fugitive emission from Plant operations.
- X. Water sprinklers have been mounted on road side inside the plant premises, however during visit the sprinkler were not in operation.
- XI. The char generated from DRI unit is used in the AFBC Boiler for power generation. As informed, char generation is 350 TPD (approx) and its utilisation is 100%.
- XII. Fly ash generated from CPP (AFBC Boiler) is used for low lying area filling and Brick manufacturing. Daily ash generation is 280 T (approx). The plant is having their own Brick Manufacturing unit inside the premises.
- XIII. Daily water consumption for industrial and domestic utilities is reported to be 305 KL. CGWA has granted permission to draw water upto 905 KLD. As informed, any type of Industrial water is not discharged outside of the Plant. Kiln cooling water is continuously recycled in the process.
- XIV. Plantation has been observed inside the premises. From 2017 to 2022 they reportedly planted 5565 nos. trees of various varieties like Sagwan, Gulmohar, Bargad, Jamun, Shisham etc. The plantation has been reportedly done over 6 acres of area. However, green belt as per CPCB norms has not been developed.


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- XV. The project reported carrying out activities like Health Check up camp, to provide Ambulance, Drinking water distribution, Organising Cricket/ Football match etc. as activity under Corporate Social Responsibility. However, they were unable to provide respective documents like log book of Ambulance movement, Health check-up records/ photographs etc.

During visit, the committee members also interacted with the Applicant/ Petitioner Mr Jairam Hansda. The applicant mentioned in the Letter/ Application that area upto 3-5 Km radius around the Plant Premises is affected by Water/ Air Pollution due to Plant operation. Accordingly, Mr J Hansda was requested to show the affected area, water body etc and Medical history/ treatment of affected persons due to pollution from Plant operation. The Applicant requested Committee Members for site visit around the Plant premises. Accordingly, the Members including Plant Officials visited nearby Water Bodies (2 Nos.) located at SAMARSAHI Village (South side of the Plant). During visit, as observed local populace were using Pond water for bathing, washing etc. The committee members also interacted with Local/ Villagers (Smt Savita Manna, Mr Khokon Bhumij, Mr Umapada Pramanik, Mr Santosh Madina, Mr Ramapada Pramanik, Mr Raja Pramanik) and as they informed, they are not suffering from any disease (like TB, Asthma etc) as alleged by the Applicant. Significant amount of black dust was observed on leaves of trees upto 200 mtr, then less amount of black dust deposition on leaves was observed at further distance of 200 mtr, in wind direction. The Applicant could not describe about the Fishery business affected due to pollution from the Plant operation which he mentioned in the Application. Further Mr Jairam Hansda could not show the Affected Place/ Affected people due to pollution from Plant operation as claimed in his application to Honourable NGT.

However, during inspection, on following aspects, Plant was found Non-complied:

- Exceedance of SO_x & NO_x (as per OCEMS Display), however PM value was found within the prescribed limit.
- Leakages from Kiln feeding and discharge to cooler.
- Leakages from Kiln Emergency cap.
- Sufficient green belt not developed as per CPCB norms.

It is, therefore, proposed that M/s Shah Sponge & Power Ltd may be directed to submit time bound action plan for compliance of the above and submit a Bank Guarantee of Rs 25 Lac (Twenty five lac only) with concerned Dept.

(Dr T H Mahato) Scientist D	(Sandeep Roy) Scientist D	(J P Singh) Regional Officer	(Nand Kishore Lal) ADM- L&O

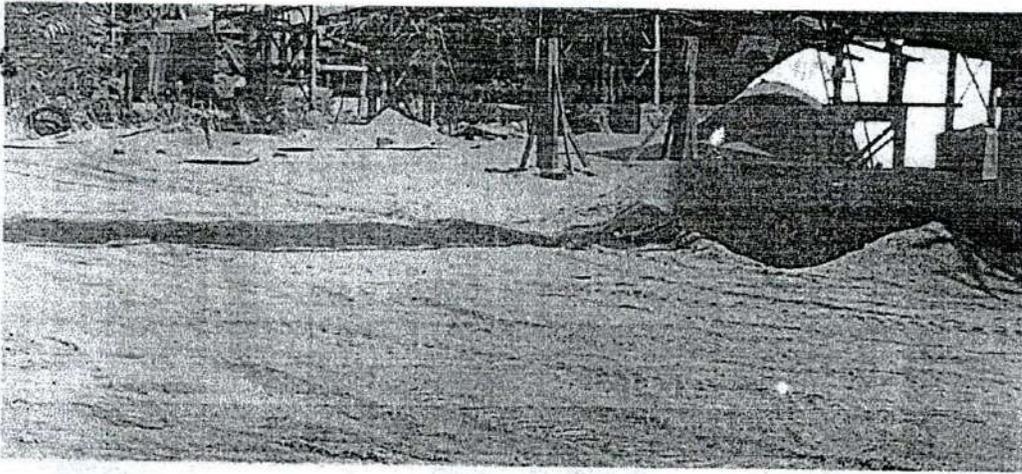
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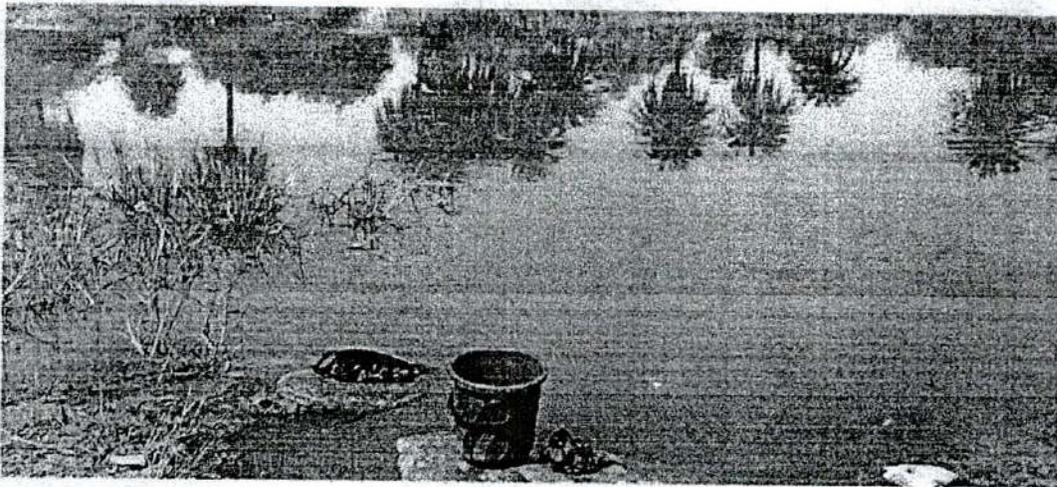
Dust layer on tree leaves (inside the Plant)


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(47)



Dust spillage in Plant area



Water pond at SAMARSAHI Village

(47)
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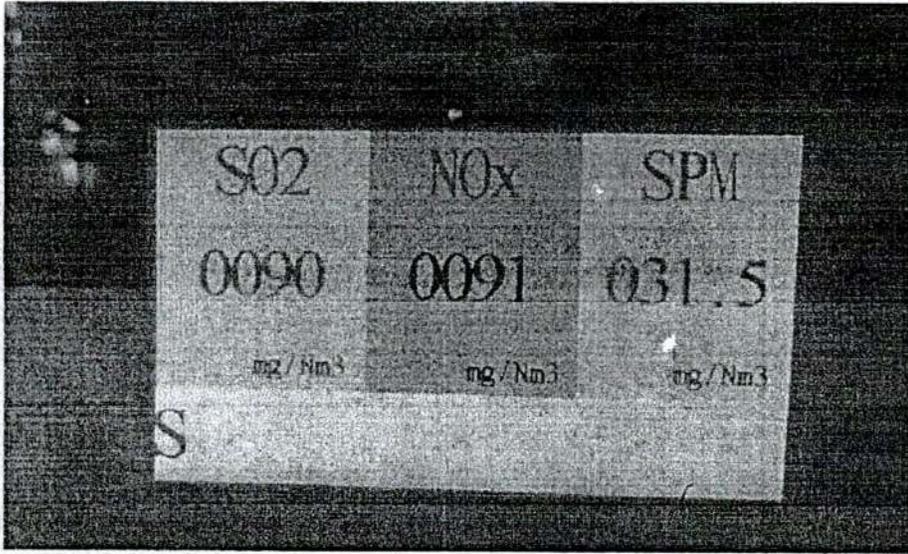
Water body at SAMARSAHI Village



Status of Leaves (1 km from Plant area), No black dust found


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SO2	NOx	SPM
0090	0091	031.5
mg/Nm ³	mg/Nm ³	mg/Nm ³

OCEMS Reading for DRI (@1310hrs dt 18/01/2022)

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JHARKHAND STATE POLLUTION CONTROL BOARD

T.A. DIVISION BUILDING (GROUND FLOOR), H.E.C., DHURWA, RANCHI-834004
Phone: - 2400852, 2400851 Fax :- 0651-2400850, Website:-www.jspcb.org

Ref. Letter No. B-1024

Ranchi, Dated:- 26/5/2022

From

S. K. Srivastava
Section Head, Jamshedpur

To

M/s Shah Sponge & Power Ltd.,
Mauza- Juri/ Barasai. P.S. Juri,
Dist- East Singhbhum

ORDER

Whereas, Hon'ble NGT, Principal Bench, New Delhi in its order dated 24.01.2022 in O.A. No. 390/2021 (Jairam Hansda Vs State of Jharkhand) has given certain directions. The operative part of which is as follows: -

"2. Having regard to the seriousness of the allegations, it appears necessary to ascertain the factual position in the matter through a joint Committee of the CPCB, State PCB, Regional Office of MoEF & CC, Bhubaneswar and the District Magistrate-East Singhbhum, (Jharkhand). The State PCB will be the Nodal agency for coordination and compliance. The joint Committee may meet within four weeks and undertake site visit and look into the grievance and take remedial action in accordance with law after following due process. Factual and action taken report may be furnished within three months by e-mail atjudicialngt@gov.in"

Whereas, the committee has visited the unit and its nearby areas on 18.04.2022 and submitted the report

During inspection of the committee, on following aspects, plant was found non-complied:

- (1) that, exceedence of SOx and NOx (as per OCEMS display), however PM value was found within the prescribed limit;
- (2) that, leakages from the kiln feeding and discharge to cooler
- (3) that, leakages from the kiln emergency cap
- (4) that, sufficient green belt not developed as per CPCB norms;

Whereas, the competent Authority has ordered to calculate the Environmental Compensation against your unit as per the Report of the CPCB In-house Committee on Methodology for Assessing Environmental Compensation and Action Plan to Utilize the Fund. The calculation of Environmental Compensation is as follows:

CALCULATION OF ENVIRONMENTAL COMPENSATION OF

M/S SHAH SPONGE & POWER LTD., MOUZA - JURI/BARASAI, PS - JURI, DIST - E. SINGHBHUM.

Nature of violation - Non compliance of CTO conditions

(consent to operate)

Rizvi- Env Comp (Shah Sponge) - SC A4/1

Rizvi

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Basis to levy the Environmental Compensation – Pollution Index

The environmental compensation is based on the following formula:

$$EC = PI \times N \times R \times S \times LF$$

Where.

- EC- Environmental compensation
- PI- Pollution Index of Industrial Sector
- N – Number of days of violation took place
- R – A factor in rupees for EC
- S- Factor of scale of operation
- LF – Location Factor

Now in this case,

PI is to be taken as 90 as the industry belongs to Red category (Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units) (as per CPCB's guidelines).

N is to be taken as 938 days (from 24/09/2019 to 18/04/2022).

R is to be taken as 250 (as per CPCB's guidelines).

S is to be taken 1.5 as the unit belongs to Large Scale as per Notification No. - S.O. 1702(E) – dated 01/06/2020 of Ministry of Micro, Small and Medium Enterprises (S could be 0.5 for micro or small, 1.0 for medium and 1.5 for large units as per CPCB Guidelines).

LF is to be taken as 1.25 as the population of E. Singhbhum is > 1 million. (District Census Handbook, E. Singhbhum of 2011).

Therefore,

$$\begin{aligned} EC \text{ (Per day)} &= PI \times R \times S \times LF \\ &= 90 \times 250 \times 1.5 \times 1.25 \\ &= ₹ 42,187.50/- \end{aligned}$$

Henceforth, the Environmental Compensation for one day comes out to be ₹ 42,187.50/-. So the total Environmental Compensation for 938 days comes out to be ₹ 3,95,71,875.00/- (i.e. Three Crores Ninety Five Lakhs Seventy One Thousand Eight Hundred and Seventy Five Rupees Only).

You are, therefore, given an opportunity to be heard in person on 03.06.2022 at 11 AM in the office chamber of Member Secretary, as why not environmental compensation shall be imposed against your unit on the grounds mentioned above.

Yours Faithfully,

Sd/-

(S. K. Srivastava)

Section Head, Jamshedpur
Ranchi, Dated 26/5/2022

Ref. No. B-1024

Copy to: Regional Office, Regional office-cum-laboratory, Jamshedpur for information and necessary action.

(S.K. Srivastava)
26.05.22

(S. K. Srivastava)
Section Head, Jamshedpur



JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15 NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

E. mail.- jspcb.jsr@gmail.com Website- jspcb.nic.in Phone- 0657-2383241

Verification report in light of compliance report submitted by M/s Shah Sponge & Power Ltd, At- Juri, P.O.- Hata, Dist- East Singhbhum.

Inspection of the aforesaid unit has been carried out by Regional Officer & S.T. on 29.10.2022 in presence of Sri Satya Nand Jha, Manager in light of direction issued from J.S.P.C. Board, Ranchi vide letter No.- B-2225 dt- 14.10.2022 following observations has been found on the submission of unit reply to show cause :-

Sl. No.	Observation by the committee	Verification report
1.	That, exceedance of Sox	During inspection, Data of SOx, Nox and PM not found transmitted to JSPC Board, Server from 2 x 100 TPD Sponge Iron Plant. It was informed that due to thundering, some technical issues has been occurred. However, from 31.10.2022, data is found being transmitted to JSPCB Board, server. The value of Sox, Nox and PM is found within prescribed limit. Mother Board sensor card of stack attached with power plant has been burnt out due to thundering. Hence, data not being transmitted from the stack attached with the power plant.
2.	That, leakage from the kiln feeding and discharge to cooler.	Leakage from kiln feeding has been in control. Leakage from cooler discharge has also found under control. However, it is necessary to changes the torn out bags immediately when, it is noticed.
3.	That, Leakage from the kiln cap.	Leakage from kiln cap. Of rotary kiln 3 & 4 found. The unit representative informed that due to leakage in Boiler of WHRB the emergency cap has been opened to maintain the pressure in rotary kiln.
4.	That, sufficient green belt not developed.	The unit representative informed that about 500 No. of trees has been planted in last three months. But still there is need of more plantation. Unit representative informed that tree plantation is continued and more plantation will be done near future.

S.M.
01.11.2022
(S.A. Khan)
S.T.

J.P. Singh
01.11.2022
(J.P. Singh)
Regional Officer.

Memo No.- 721 Jamshedpur, dated 02/12/2022
Copy to :- The Member Secretary, Jharkhand State Pollution Control Board, Ranchi for information and necessary action in light of H.Q. letter No.- B-2225 dt- 14.10.2022.

J.P. Singh
01.11.2022
(J.P. Singh)
Regional officer.



SHAH SPONGE & POWER LTD.

To,
The Member Secretary,
JSPCB
T.A. Building, HEC.
RANCHI(JHARKHAND)

date-29/11/2022.

Sub: - Implementation of Show Cause Direction-regarding.

Ref.:-Your letter no.B-2411 dated 22/11/2022.

Dear Sir,

With reference to the above we want to submit the following Compliance:

Sl.	Observation	Compliance
1.	Data of Sox, NOx and PM not Found transmitted to JSPC Board Server from 2x100 TPD sponge Iron Plant.	The data is being transmitted from both stacks to the JSPCB Server. ANNEXURE-1.
2.	Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.	The leakage from kiln feeding has been controlled with replacement of the torn-out parts and additional water spraying in the hopper. The cooler discharge section bag filter suction has been improved to control the leakages. ANNEXURE-2.
3.	Leakage from kiln cap of rotary kiln was found.	A minimal kiln cap vent takes place during emergency to maintain the optimal pressure in the kiln, with respect to flow of flue gases to WHRB in order to avoid high pressure. The venting is a loss to power generation hence is seriously monitored all the time. ANNEXURE-3
4.	More tree plantation is required.	Till date, we have already made greenbelt plantation of 6000 trees on an area of 6.5 acres and we propose to plant balance 5500 trees over 5.7 acres within two years. Plan for 1 st year (by March,2023) 3000 trees in area of 3.5 acres, For second year (by March 2024) 2500 trees over 2.2 acres. ANNEXURE-4

This is for your kind perusal and necessary consideration.

Thanking You,
Yours Faithfully,
Shah Sponge & Power Ltd.

Authorised Signatory.



SHAH SPONGE & POWER LTD.

Registered Office : 7 Grant Lane Ganpati Chambers, Room No. 310, Cabin No. 5, Kolkata W.B. 700012, CIN : U27100WB2005PLC134108
Admn. Office : Holding No. 18, 2nd Floor, Padmalaya Building, Ram Mandir Shop Area, Bistupur, Jamshedpur-831001, (Jharkhand)
Works : Village - Juri, Near Hata, East Singhbhum, Jharkhand -831002, GSTIN - 20AAKCS0068H1ZM
Phone : 0657-2321512, Fax : 0657-2321518, E-mail : shahsponge@gmail.com, Website : www.shahsponge.com

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88	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	76.28	mg/Nm3	28-11-2022 11:46	2022-11-28T11:44:59Z
89	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	34.21	mg/Nm3	28-11-2022 11:45	28-11-2022 11:25
90	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	44.75	mg/Nm3	28-11-2022 11:33	28-11-2022 11:10
91	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.15	mg/Nm3	28-11-2022 11:31	2022-11-28T11:29:53Z
92	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.91	mg/Nm3	28-11-2022 11:30	28-11-2022 11:10
93	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.25	mg/Nm3	28-11-2022 11:30	28-11-2022 11:10
94	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	47.31	mg/Nm3	28-11-2022 11:12	28-11-2022 10:55
95	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.94	mg/Nm3	28-11-2022 11:16	2022-11-28T11:14:53Z
96	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	10.83	mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
97	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.94	mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
98	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.63	mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
99	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	59.93	mg/Nm3	28-11-2022 11:07	28-11-2022 10:40
100	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	41.56	mg/Nm3	28-11-2022 11:05	28-11-2022 10:40
101	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	15.4	mg/Nm3	28-11-2022 11:05	28-11-2022 10:40
102	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.54	mg/Nm3	28-11-2022 11:04	28-11-2022 10:40
103	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	44.7	mg/Nm3	28-11-2022 10:53	28-11-2022 10:25
104	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	28.49	mg/Nm3	28-11-2022 10:52	28-11-2022 10:25
105	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.96	mg/Nm3	28-11-2022 10:51	28-11-2022 10:25
106	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	11.7	mg/Nm3	28-11-2022 10:46	2022-11-28T10:44:58Z
107	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.41	mg/Nm3	28-11-2022 10:46	2022-11-28T10:44:53Z
108	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	42.31	mg/Nm3	28-11-2022 10:37	28-11-2022 10:10
109	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	27.54	mg/Nm3	28-11-2022 10:36	28-11-2022 10:10
110	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.24	mg/Nm3	28-11-2022 10:35	28-11-2022 10:10
111	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.36	mg/Nm3	28-11-2022 10:30	2022-11-28T10:29:53Z
112	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	51.84	mg/Nm3	28-11-2022 10:17	28-11-2022 09:55
113	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	45.11	mg/Nm3	28-11-2022 10:16	2022-11-28T10:14:59Z
114	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	11.32	mg/Nm3	28-11-2022 10:15	28-11-2022 09:55
115	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.54	mg/Nm3	28-11-2022 10:15	28-11-2022 09:55
116	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	38.42	mg/Nm3	28-11-2022 10:07	28-11-2022 09:40
117	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	6.56	mg/Nm3	28-11-2022 10:05	28-11-2022 09:40
118	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	65.95	mg/Nm3	28-11-2022 10:05	28-11-2022 09:40
119	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.97	mg/Nm3	28-11-2022 10:04	28-11-2022 09:40
120	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.4	mg/Nm3	28-11-2022 10:04	28-11-2022 09:40
121	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	32.17	mg/Nm3	28-11-2022 09:50	28-11-2022 09:25
122	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	46.83	mg/Nm3	28-11-2022 09:50	28-11-2022 09:25
123	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	16.62	mg/Nm3	28-11-2022 09:49	28-11-2022 09:25
124	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	36.05	mg/Nm3	28-11-2022 09:46	2022-11-28T09:44:54Z
125	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	60.86	mg/Nm3	28-11-2022 09:36	28-11-2022 09:10
126	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.7	mg/Nm3	28-11-2022 09:35	28-11-2022 09:10
127	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.25	mg/Nm3	28-11-2022 09:31	2022-11-28T09:29:53Z
128	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	61.85	mg/Nm3	28-11-2022 09:20	28-11-2022 08:55
129	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	43.51	mg/Nm3	28-11-2022 09:20	28-11-2022 08:55
130	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	41.77	mg/Nm3	28-11-2022 09:19	28-11-2022 08:55
131	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	15.51	mg/Nm3	28-11-2022 09:19	28-11-2022 08:55
132	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.08	mg/Nm3	28-11-2022 09:19	28-11-2022 08:55

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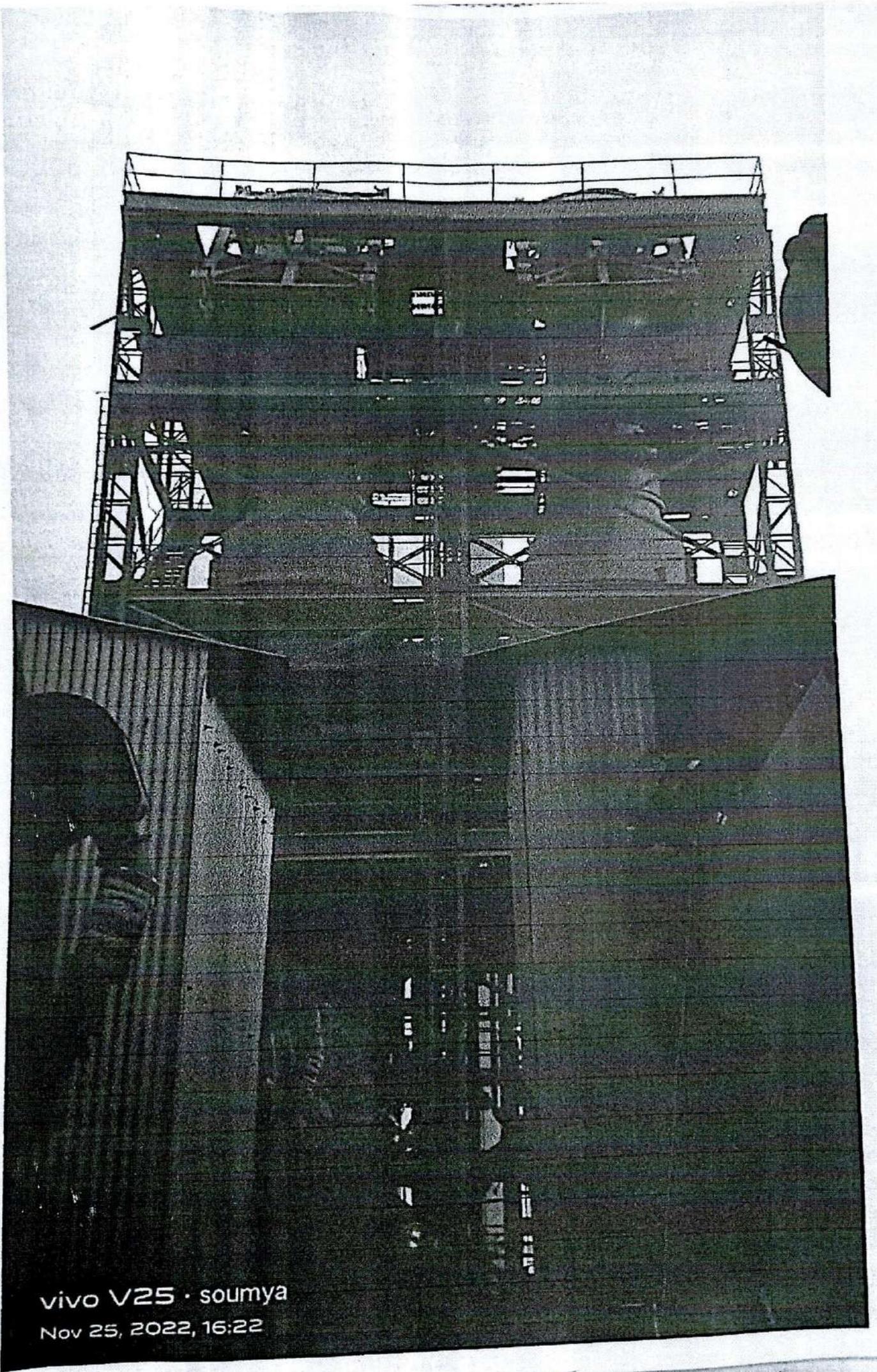
51

133	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	18.96	mg/Nm3	28-11-2022 09:00	28-11-2022 08:40
134	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.65	mg/Nm3	28-11-2022 09:00	28-11-2022 08:40
135	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	65.43	mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
136	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19	mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
137	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29.62	mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
138	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	10.31	mg/Nm3	28-11-2022 08:31	28-11-2022 08:10
139	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	70.07	mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
140	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	18.91	mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
141	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.04	mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
142	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	56.46	mg/Nm3	28-11-2022 08:17	28-11-2022 07:55
143	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	38.99	mg/Nm3	28-11-2022 08:16	2022-11-28T08:14:58Z
144	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.05	mg/Nm3	28-11-2022 08:16	2022-11-28T08:14:53Z
145	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	31.41	mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
146	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.44	mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
147	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	30.09	mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
148	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	42.39	mg/Nm3	28-11-2022 08:03	28-11-2022 07:40
149	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.13	mg/Nm3	28-11-2022 08:00	28-11-2022 07:40
150	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.85	mg/Nm3	28-11-2022 08:00	28-11-2022 07:40
151	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	22.38	mg/Nm3	28-11-2022 07:46	28-11-2022 07:25
152	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.65	mg/Nm3	28-11-2022 07:46	2022-11-28T07:44:53Z
153	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	23.63	mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
154	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.55	mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
155	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.44	mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
156	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	33.5	mg/Nm3	28-11-2022 07:33	28-11-2022 07:10
157	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	28.28	mg/Nm3	28-11-2022 07:32	28-11-2022 07:10
158	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	20.06	mg/Nm3	28-11-2022 07:31	28-11-2022 07:10
159	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	20.54	mg/Nm3	28-11-2022 07:31	2022-11-28T07:29:58Z
160	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29	mg/Nm3	28-11-2022 07:31	2022-11-28T07:29:53Z
161	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.86	mg/Nm3	28-11-2022 07:30	28-11-2022 07:10
162	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	35.75	mg/Nm3	28-11-2022 07:30	28-11-2022 07:10
163	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	58.21	mg/Nm3	28-11-2022 07:17	28-11-2022 06:55
164	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	40.66	mg/Nm3	28-11-2022 07:16	28-11-2022 06:55
165	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.48	mg/Nm3	28-11-2022 07:15	28-11-2022 06:55
166	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.85	mg/Nm3	28-11-2022 07:15	28-11-2022 06:55
167	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	49.71	mg/Nm3	28-11-2022 07:01	28-11-2022 06:40
168	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	47.44	mg/Nm3	28-11-2022 07:01	2022-11-28T06:59:58Z
169	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29.73	mg/Nm3	28-11-2022 07:01	2022-11-28T06:59:53Z
170	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	4.4	mg/Nm3	28-11-2022 07:01	28-11-2022 06:40
171	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	31.62	mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
172	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	10.12	mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
173	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	34.53	mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
174	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	38.11	mg/Nm3	28-11-2022 06:48	28-11-2022 06:25
175	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	37.51	mg/Nm3	28-11-2022 06:47	28-11-2022 06:25
176	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.68	mg/Nm3	28-11-2022 06:46	28-11-2022 06:25
177	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.48	mg/Nm3	28-11-2022 06:45	28-11-2022 06:25

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266	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.44	mg/Nm3	28-11-2022 01:45	28-11-2022 01:25
267	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.11	mg/Nm3	28-11-2022 01:30	28-11-2022 01:10
268	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	48.24	mg/Nm3	28-11-2022 01:17	28-11-2022 00:55
269	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	38.22	mg/Nm3	28-11-2022 01:16	2022-11-28T01-14-59Z
270	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	16.4	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
271	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	28.74	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
272	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	61.02	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
273	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	20.85	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
274	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.4	mg/Nm3	28-11-2022 01:01	28-11-2022 00:40
275	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.06	mg/Nm3	28-11-2022 01:00	28-11-2022 00:40
276	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	41.18	mg/Nm3	28-11-2022 00:49	28-11-2022 00:25
277	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	36.84	mg/Nm3	28-11-2022 00:48	28-11-2022 00:25
278	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	11.05	mg/Nm3	28-11-2022 00:47	28-11-2022 00:25
279	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	6.77	mg/Nm3	28-11-2022 00:46	2022-11-28T00:44:59Z
280	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	21.86	mg/Nm3	28-11-2022 00:45	28-11-2022 00:25
281	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	48.28	mg/Nm3	28-11-2022 00:34	28-11-2022 00:10

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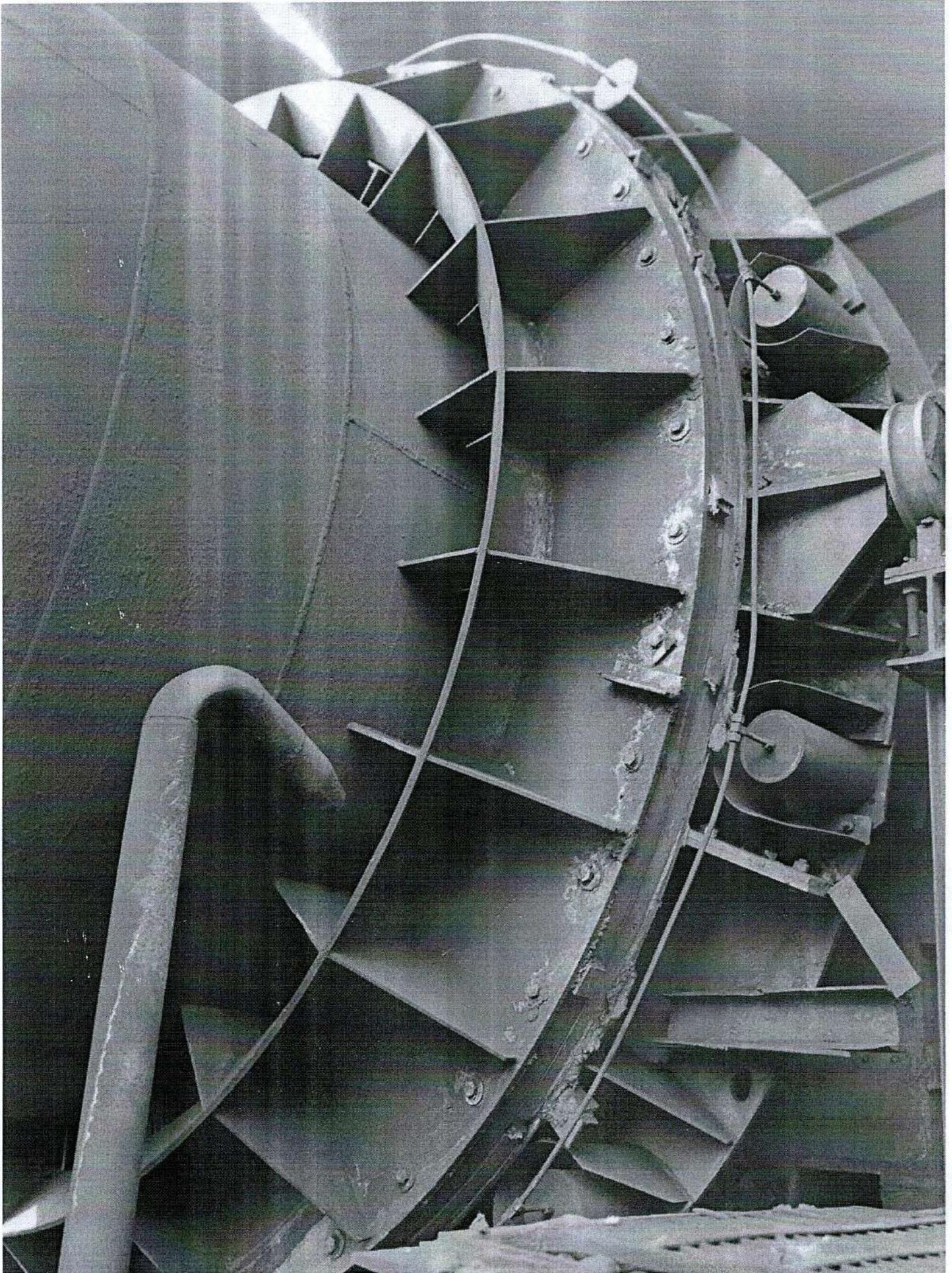


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M/s. Ever Green Horticultural {NURSERY}

FARM-FULDUNGRI, NEAR KOUSHLYA LODGE, P.O.: Ghatsila, Dist.-East Singhbhum-832303 Leading Growers & Suppliers of all
Sorts of Foresty Fruits, Shurbs, Ornamental, Flowers Seeds & Plants
Mobile: 9431381295

L.No.-D.A.O.-01/2008

GST No.-20AKJPP9346B1ZB

Bill No. 29

Date: 17/04/2022

Receipt/Bayer's Name-

Shah Spange & Powers Ltd

Consigner's Name-

Address-

Hata

Address-

Sl.No.	Description	Quantity	Rate	Rs.	Amount	p
01.	Paltu	200 Pcs	18.00	3,600/-	00	
02.	Sisam	200 Pcs	25.00	5,000/-	00	
03.	Karraj	200 Pcs	22.00	4,400/-	00	
04.	Mahaneem	200 Pcs	15.00	3,000/-	00	
05.	Green Simbal	200 Pcs	30.00	6,000/-	00	
				1900/-		
GRAND TOTAL				Rs. 22,000/-	00	

Rupees..... Twenty Two Thousand.....
only.....

Note: 05. Live trees and other plants bulbs, roots, and the like
cut flowers and ornamental foliage GST exempted.

Signature
17/04/2022

For, M/s EVERGREEN HORTICULTURAL NURSERY

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M/s. Ever Green Horticultural {NURSERY}

FARM-FULDUNGRI, NEAR KOUSHLYA LODGE, P.O.: Ghatsila, Dist.-East Singhbhum-832303 Leading Growers & Suppliers of all
Sorts of Foresty Fruits, Shurbs, Ornamental, Flowers Seeds & Plants
Mobile: 9431381295

L.No.-D.A.O.-01/2008

GST No.-20AKJPP9346B1ZB

Bill No. 36

Date: 22/05/2022

Receipt/Buyer's Name-

Shah Sange & Power Ltd.

Address-

Kata

Consigner's Name-

Address-

Sl.No.	Description	Quantity	Rate	Amount	
				Rs.	p
01.	Poltu	200 Pcs	18.00	3,600/-	00
02.	Sisam	200 Pcs	25.00	5,000/-	00
03.	Karanj	100 Pcs	22.00	2,200/-	00
04.	Mahaneem	200 Pcs	15.00	3,000/-	00
05.	Green Simbal	200 Pcs	30.00	6,000/-	00
				900 Pcs.	
GRAND TOTAL				Rs 19,800/-	00

Rupees.....Nineteen Thousand Eight
Hundred only.....

Note: 06. Live trees and other plants bulbs, roots, and the like
cut flowers and ornamental foliage GST exempted.

Signature
22/05/22

For, M./s EVERGREEN HORTICULTURAL NURSERY

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JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15 NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Web Site- jspcb.org/ Phone- 0657-2383241/ Fax- 0657-2383905

Verification report of compliances by M/s Shah Sponge & Power Ltd, At- Juri, P.O.- Hata, Dist-East Singhbhum

Inspection of the unit has been carried out by R.O. & S.T. on 27.12.2022 in light of direction issued vide H.Q. letter No.- B-2633 dt- 19.12.2022 Mr S.N. Jha, G.M was present during inspection. Point wise verification is as follows :-

Sl.	Observation	Verification report
1.	Data of Sox, NOx and PM not Found transmitted to JSPC Board Server from 2 x 100 TPD Sponge Iron Plant.	During inspection 2 x 100 TPD rotary kiln and power plant found in operation. Online continuous monitoring system for stack monitoring attached with ESP was also found in operation. Data attached at Annex-I.
2.	Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.	Leakage from kiln feeding has been in control. Leakage from cooler discharge has also controlled. The unit has changed the torn out bags. Purchase copy of bags of bag filter is herewith attached at Annex-II.
3.	Leakage from kiln cap of rotary kiln was found.	Leakage from kiln cap has been controlled. The unit representative informed that castable of kiln cap got damaged due to opening/closing of the cap to maintain pressure in kiln. They regularly repairing the damaged castables.
4.	More tree plantation is required.	The plantation along the boundary wall found. The unit representative informed that by March, 2023 they have planed to do tree plantation in 3.5 Acres and by March, 2024 It will be in another 2.2 Acres of land. Altogether 5500 trees will be planted outside the premises in own land. In last three months they have planted 500 No. of trees. It is necessary to take measures for good survival rate of plants.

Encl :- As above.

S.A. Khan
29.12.2022
(S.A. Khan)
S.T.

J.P. Singh
29.12.2022
(J.P. Singh)
Regional Officer.

Memo No.-1190..... Jamshedpur, dated29.12.2022.....
Copy to :- The Member Secretary, Jharkhand State Pollution Control Board, Ranchi for information and necessary action.

J.P. Singh
29.12.2022
(J.P. Singh)
Regional Officer.

88	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	26.28 mg/Nm3	28-11-2022 11:46	2022-11-28T11:44:59Z
89	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	34.27 mg/Nm3	28-11-2022 11:45	28-11-2022 11:25
90	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	44.75 mg/Nm3	28-11-2022 11:33	28-11-2022 11:10
91	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.15 mg/Nm3	28-11-2022 11:31	2022-11-28T11:29:53Z
92	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.91 mg/Nm3	28-11-2022 11:30	28-11-2022 11:10
93	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.25 mg/Nm3	28-11-2022 11:30	28-11-2022 11:10
94	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	47.31 mg/Nm3	28-11-2022 11:18	28-11-2022 10:55
95	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.94 mg/Nm3	28-11-2022 11:16	2022-11-28T11:14:53Z
96	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	10.83 mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
97	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.94 mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
98	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.63 mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
99	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	59.93 mg/Nm3	28-11-2022 11:07	28-11-2022 10:40
100	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	41.56 mg/Nm3	28-11-2022 11:05	28-11-2022 10:40
101	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	15.4 mg/Nm3	28-11-2022 11:05	28-11-2022 10:40
102	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.54 mg/Nm3	28-11-2022 11:04	28-11-2022 10:40
103	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	44.7 mg/Nm3	28-11-2022 10:53	28-11-2022 10:25
104	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	28.49 mg/Nm3	28-11-2022 10:52	28-11-2022 10:25
105	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.96 mg/Nm3	28-11-2022 10:51	28-11-2022 10:25
106	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	11.7 mg/Nm3	28-11-2022 10:46	2022-11-28T10:44:58Z
107	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.41 mg/Nm3	28-11-2022 10:46	2022-11-28T10:44:53Z
108	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	42.31 mg/Nm3	28-11-2022 10:37	28-11-2022 10:10
109	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	27.54 mg/Nm3	28-11-2022 10:36	28-11-2022 10:10
110	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.24 mg/Nm3	28-11-2022 10:35	28-11-2022 10:10
111	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.36 mg/Nm3	28-11-2022 10:30	2022-11-28T10:29:53Z
112	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	51.84 mg/Nm3	28-11-2022 10:17	28-11-2022 09:55
113	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	45.11 mg/Nm3	28-11-2022 10:16	2022-11-28T10:14:59Z
114	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	11.32 mg/Nm3	28-11-2022 10:15	28-11-2022 09:55
115	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.54 mg/Nm3	28-11-2022 10:15	28-11-2022 09:55
116	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	38.42 mg/Nm3	28-11-2022 10:07	28-11-2022 09:40
117	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	6.56 mg/Nm3	28-11-2022 10:05	28-11-2022 09:40
118	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	65.95 mg/Nm3	28-11-2022 10:05	28-11-2022 09:40
119	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.97 mg/Nm3	28-11-2022 10:04	28-11-2022 09:40
120	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.4 mg/Nm3	28-11-2022 10:04	28-11-2022 09:40
121	M/s Shah Sponge and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	32.17 mg/Nm3	28-11-2022 09:50	28-11-2022 09:25
122	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	46.83 mg/Nm3	28-11-2022 09:50	28-11-2022 09:25
123	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	16.62 mg/Nm3	28-11-2022 09:49	28-11-2022 09:25
124	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	36.05 mg/Nm3	28-11-2022 09:46	2022-11-28T09:44:54Z
125	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	60.86 mg/Nm3	28-11-2022 09:36	28-11-2022 09:10
126	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.7 mg/Nm3	28-11-2022 09:35	28-11-2022 09:10
127	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.25 mg/Nm3	28-11-2022 09:31	2022-11-28T09:29:53Z
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130	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	41.77 mg/Nm3	28-11-2022 09:19	28-11-2022 08:55
131	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	15.51 mg/Nm3	28-11-2022 09:19	28-11-2022 08:55
132	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.08 mg/Nm3	28-11-2022 09:19	28-11-2022 08:55

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133	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	18.96	mg/Nm3	28-11-2022 09:09	28-11-2022 08:40
134	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.65	mg/Nm3	28-11-2022 09:50	28-11-2022 08:40
135	M/s Shah Sponge and Power ltd	Spon_Iron2x100TPD	OMGA2019098	SO2	65.43	mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
136	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19	mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
137	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29.62	mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
138	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	10.31	mg/Nm3	28-11-2022 08:31	28-11-2022 08:10
139	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	70.07	mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
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141	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.04	mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
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143	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	38.99	mg/Nm3	28-11-2022 08:16	2022-11-28T08:14:58Z
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146	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.44	mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
147	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	30.09	mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
148	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	42.39	mg/Nm3	28-11-2022 08:03	28-11-2022 07:40
149	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.13	mg/Nm3	28-11-2022 08:00	28-11-2022 07:40
150	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.85	mg/Nm3	28-11-2022 08:00	28-11-2022 07:40
151	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	22.38	mg/Nm3	28-11-2022 07:46	28-11-2022 07:25
152	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.65	mg/Nm3	28-11-2022 07:46	2022-11-28T07:44:53Z
153	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	23.63	mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
154	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.55	mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
155	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.44	mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
156	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	33.5	mg/Nm3	28-11-2022 07:33	28-11-2022 07:10
157	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	28.28	mg/Nm3	28-11-2022 07:32	28-11-2022 07:10
158	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	20.06	mg/Nm3	28-11-2022 07:31	28-11-2022 07:10
159	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	20.54	mg/Nm3	28-11-2022 07:31	2022-11-28T07:29:58Z
160	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29	mg/Nm3	28-11-2022 07:31	2022-11-28T07:29:53Z
161	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.86	mg/Nm3	28-11-2022 07:30	28-11-2022 07:10
162	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	35.75	mg/Nm3	28-11-2022 07:30	28-11-2022 07:10
163	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	58.21	mg/Nm3	28-11-2022 07:17	28-11-2022 06:55
164	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	40.66	mg/Nm3	28-11-2022 07:16	28-11-2022 06:55
165	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.48	mg/Nm3	28-11-2022 07:15	28-11-2022 06:55
166	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.85	mg/Nm3	28-11-2022 07:15	28-11-2022 06:55
167	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	49.71	mg/Nm3	28-11-2022 07:01	28-11-2022 06:40
168	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	47.44	mg/Nm3	28-11-2022 07:01	2022-11-28T06:59:58Z
169	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29.73	mg/Nm3	28-11-2022 07:01	2022-11-28T06:59:53Z
170	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	4.4	mg/Nm3	28-11-2022 07:01	28-11-2022 06:40
171	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	31.62	mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
172	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	10.12	mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
173	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	34.53	mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
174	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	36.11	mg/Nm3	28-11-2022 06:48	28-11-2022 06:25
175	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	37.51	mg/Nm3	28-11-2022 06:47	28-11-2022 06:25
176	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.68	mg/Nm3	28-11-2022 06:46	28-11-2022 06:25
177	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.48	mg/Nm3	28-11-2022 06:45	28-11-2022 06:25

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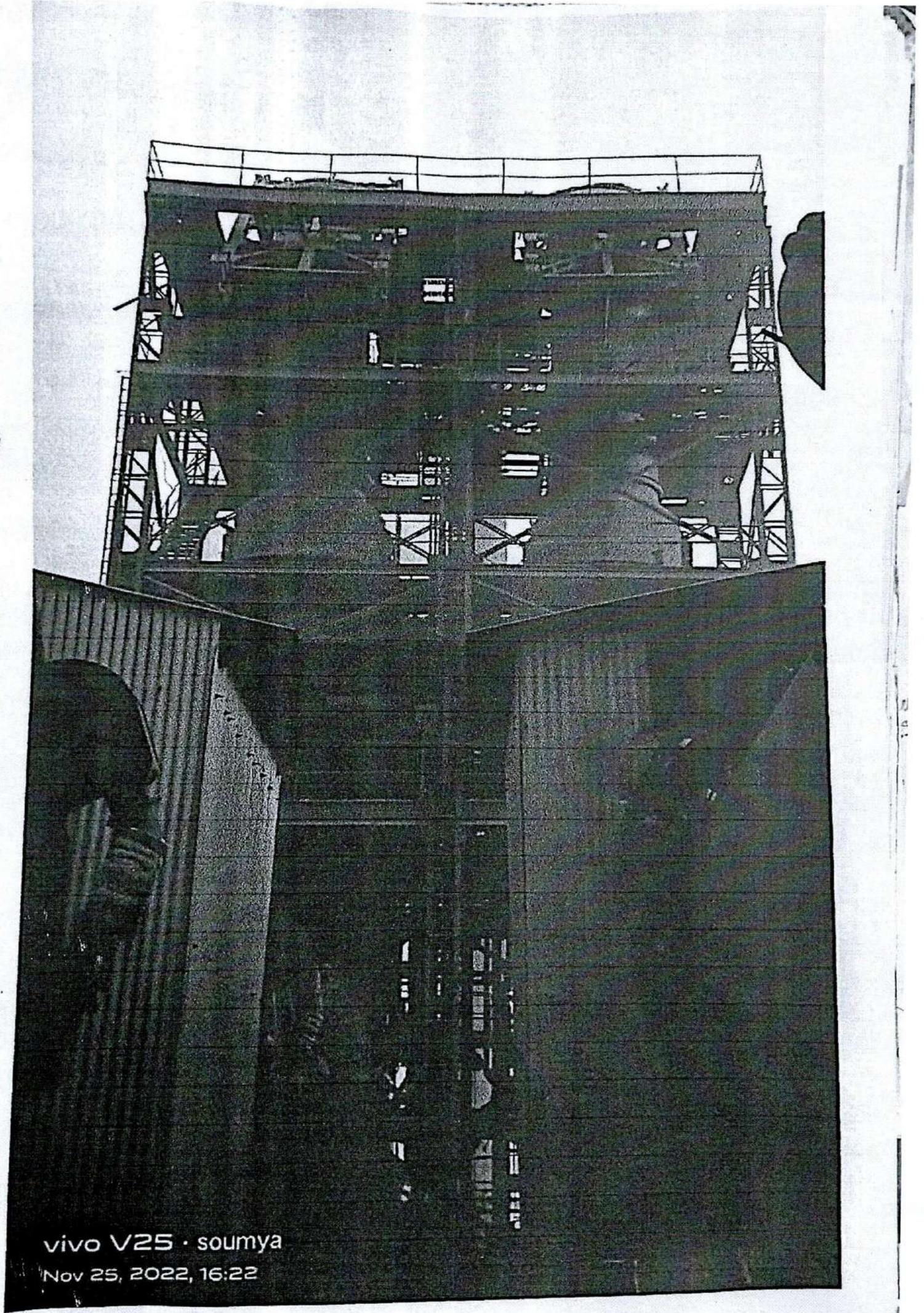
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178 M/s Shah Sponge and Power ltd	OMGA2019087 SO2	28-11-2022 06:32	28-11-2022 06:10
179 M/s Shah Sponge and Power ltd	OMGA2019087 PM	28-11-2022 06:31	2022-11-28T06:29:58Z
180 M/s Shah Sponge and Power ltd	OMGA2019087 PM	4.26 mg/Nm3	28-11-2022 06:10
181 M/s Shah Sponge and Power ltd	OMGA2019098 PM	23.66 mg/Nm3	2022-11-28T06:29:53Z
182 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	29 mg/Nm3	28-11-2022 06:10
183 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	11.09 mg/Nm3	28-11-2022 06:10
184 M/s Shah Sponge and Power ltd	OMGA2019098 PM	26.22 mg/Nm3	28-11-2022 06:10
185 M/s Shah Sponge and Power ltd	OMGA2019087 PM	11.88 mg/Nm3	2022-11-28T06:14:58Z
186 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	41.03 mg/Nm3	28-11-2022 06:15
187 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	12.98 mg/Nm3	28-11-2022 05:55
188 M/s Shah Sponge and Power ltd	OMGA2019098 PM	35.13 mg/Nm3	28-11-2022 06:15
189 M/s Shah Sponge and Power ltd	OMGA2019087 SO2	59.09 mg/Nm3	28-11-2022 06:02
190 M/s Shah Sponge and Power ltd	OMGA2019087 PM	22.12 mg/Nm3	28-11-2022 05:40
191 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	49.23 mg/Nm3	28-11-2022 06:00
192 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	19.46 mg/Nm3	28-11-2022 05:40
193 M/s Shah Sponge and Power ltd	OMGA2019098 PM	36.13 mg/Nm3	28-11-2022 05:40
194 M/s Shah Sponge and Power ltd	OMGA2019098 PM	36.8 mg/Nm3	28-11-2022 05:40
195 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	14.11 mg/Nm3	2022-11-28T05:44:53Z
196 M/s Shah Sponge and Power ltd	OMGA2019098 PM	22.51 mg/Nm3	28-11-2022 05:25
197 M/s Shah Sponge and Power ltd	OMGA2019087 SO2	43.88 mg/Nm3	28-11-2022 05:33
198 M/s Shah Sponge and Power ltd	OMGA2019087 PM	6.71 mg/Nm3	28-11-2022 05:32
199 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	57.22 mg/Nm3	28-11-2022 05:31
200 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	18 mg/Nm3	28-11-2022 05:30
201 M/s Shah Sponge and Power ltd	OMGA2019098 PM	37.1 mg/Nm3	28-11-2022 05:30
202 M/s Shah Sponge and Power ltd	OMGA2019087 SO2	49.55 mg/Nm3	28-11-2022 05:17
203 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	40.01 mg/Nm3	28-11-2022 04:55
204 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	16.99 mg/Nm3	28-11-2022 04:55
205 M/s Shah Sponge and Power ltd	OMGA2019098 PM	22.31 mg/Nm3	28-11-2022 04:55
206 M/s Shah Sponge and Power ltd	OMGA2019087 SO2	61.42 mg/Nm3	28-11-2022 05:03
207 M/s Shah Sponge and Power ltd	OMGA2019087 PM	14.33 mg/Nm3	28-11-2022 04:40
208 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	33.05 mg/Nm3	28-11-2022 04:40
209 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	15.79 mg/Nm3	28-11-2022 04:40
210 M/s Shah Sponge and Power ltd	OMGA2019098 PM	25.59 mg/Nm3	28-11-2022 04:40
211 M/s Shah Sponge and Power ltd	OMGA2019087 SO2	42.1 mg/Nm3	28-11-2022 04:48
212 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	38.14 mg/Nm3	28-11-2022 04:46
213 M/s Shah Sponge and Power ltd	OMGA2019098 PM	32.8 mg/Nm3	28-11-2022 04:46
214 M/s Shah Sponge and Power ltd	OMGA2019087 PM	25.92 mg/Nm3	2022-11-28T04:44:53Z
215 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	19.46 mg/Nm3	2022-11-28T04:44:59Z
216 M/s Shah Sponge and Power ltd	OMGA2019098 PM	34.01 mg/Nm3	28-11-2022 04:45
217 M/s Shah Sponge and Power ltd	OMGA2019087 SO2	50.07 mg/Nm3	28-11-2022 04:32
218 M/s Shah Sponge and Power ltd	OMGA2019087 PM	17.83 mg/Nm3	28-11-2022 04:31
219 M/s Shah Sponge and Power ltd	OMGA2019098 SO2	48.05 mg/Nm3	28-11-2022 04:31
220 M/s Shah Sponge and Power ltd	OMGA2019098 PM	32.55 mg/Nm3	28-11-2022 04:30
221 M/s Shah Sponge and Power ltd	OMGA2019098 NOX	11.29 mg/Nm3	2022-11-28T04:29:54Z
222 M/s Shah Sponge and Power ltd	OMGA2019098 PM	20.5 mg/Nm3	28-11-2022 04:30

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266	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		22.44	mg/Nm3	28-11-2022 01:45	28-11-2022 01:25
267	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		32.11	mg/Nm3	28-11-2022 01:30	28-11-2022 01:10
268	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		48.24	mg/Nm3	28-11-2022 01:17	28-11-2022 00:55
269	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM		38.22	mg/Nm3	28-11-2022 01:16	2022-11-28T01:14:59Z
270	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX		16.4	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
271	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		28.74	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
272	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		61.02	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
273	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM		20.85	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
274	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX		19.4	mg/Nm3	28-11-2022 01:01	28-11-2022 00:40
275	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		37.06	mg/Nm3	28-11-2022 01:00	28-11-2022 00:40
276	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		41.18	mg/Nm3	28-11-2022 00:49	28-11-2022 00:25
277	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM		36.84	mg/Nm3	28-11-2022 00:48	28-11-2022 00:25
278	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2		11.05	mg/Nm3	28-11-2022 00:47	28-11-2022 00:25
279	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM		6.77	mg/Nm3	28-11-2022 00:46	2022-11-28T00:44:59Z
280	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		21.86	mg/Nm3	28-11-2022 00:45	28-11-2022 00:25
281	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		48.28	mg/Nm3	28-11-2022 00:34	28-11-2022 00:10

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Action Taken Report (Response) in the light of the direction issued by the Hon'ble NGT (PB), New Delhi in O.A. No. 390/2021 dated 12.10.2022 in the matter of Jairam Hansda Vs. State of Jharkhand.

1. In light of the show cause notice the unit has submitted its representation to the Board vide its letter dated 30.09.2022. The details of which are as follows:

SL		
(1)	That, exceedance of SOx and NOx (as per OCEMS display), however PM value was found within the prescribed limit.	The OCEMS system is working properly and data is being transferred to JSPCB & CPCB continuously. The SOx and NOx emissions were within the limit and are maintained at present also. It can be verified, any time. Annexure-1
(2)	That, leakages from the kiln feeding and discharge to cooler.	The leakages from kiln feeding has been controlled with replacement of the worn out iron parts and addition water spraying in the hopper. The cooler discharge section bag filter suction has been improved to control the leakages/fugitive emissions.
(3)	That, leakages from the kiln Cap.	A minimal kiln cap vent takes place to maintain the optimal pressure in the kiln, with respect to flow of flue gases to WHRB. It is not a regular/continuous process and takes place only as emergency as per automatic PLC controller of pressure in the kiln. It is always passed through the WHRB. The venting is loss to power generation hence avoided most of the time.
(4)	That, sufficient greenbelt not developed as per CPCB norms	Till date, we have already made greenbelt plantation of 6000 trees on an area of 6.5 acres and we propose to plant balance 5500 trees over 5.7 Acres within two years. Plan for 1 year (by March 2023) 3000 trees, area 3.5 Acres, For second year (by March 2024) 2500 trees over an area 2.2 acres

The copy of the representation submitted by the unit to the Board vide its letter dated 30.09.2022 is enclosed herewith as **Annexure 1**.

2. In light of above the inspection report was sought from the Regional officer, JSPC Board, Jamshedpur vide Board's Ref. No. B-2225 dated 14.10.2022 after verification of the reply submitted by the unit.

The copy of the Board's Ref. No. B-2225 dated 14.10.2022 is enclosed herewith as **Annexure 2**.

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3. The Regional officer, JSPC Board, Jamshedpur vide memo Ref. No. 721 dated 02.11.2022 has submitted the verification report. The details of which are as follows: -

Sl. No.	Observation by the committee	Verification report
1.	That, exceedance of Sox	During inspection, Data of SOx, Nox and PM not found transmitted to JSPC Board, Server from 2 x 100 TPD Sponge Iron Plant. It was informed that due to thundering, some technical issues has been occurred. However, from 31.10.2022, data is found being transmitted to JSPCB Board, server. The value of Sox, Nox and PM is found within prescribed limit. Mother Board sensor card of stack attached with power plant has been burnt out due to thundering. Hence, data not being transmitted from the stack attached with the power plant.
2.	That, leakage from the kiln feeding and discharge to cooler.	Leakage from kiln feeding has been in control. Leakage from cooler discharge has also found under control. However, it is necessary to changes the torn out bags immediately when, it is noticed.
3.	That, Leakage from the kiln cap.	Leakage from kiln cap. Of rotary kiln 3 & 4 found. The unit representative informed that due to leakage in Boiler of WHRB the emergency cap has been opened to maintain the pressure in rotary kiln.
4.	That, sufficient green belt not developed.	The unit representative informed that about 500 No. of trees has been planted in last three months. But still there is need of more plantations. Unit representative informed that tree plantation is continued and more plantation will be done near future.

The copy of the verification report submitted by the Regional officer, JSPC Board, Jamshedpur vide Memo No. 721 dated 02.11.2022 is enclosed herewith as **Annexure 3**

4. In the light of the observations made during verification, the Unit was directed vide Board's Ref. No. B-2411 dated 22.11.2022 to submit the compliance(s) on the issue(s) mentioned. The details of which are as follows: -

- (1) Data of Sox, Nox and PM not found transmitted to JSPC Board server from 2x 100 TPD sponge Iron Plant.
- (2) Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.
- (3) Leakage from Kiln cap of roraty Kiln 3 & 4 was found;
- (4) More tree plantation is required.


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The copy of the direction issued to unit vide Board's Ref. No. B-2411 dated 22.11.2022 is enclosed herewith as **Annexure 4**

5. In light of the direction issued by the Board the unit has submitted its representation to the Board vide its letter dated 29.11.2022. The details of which are as follows:

SL	Observation	Compliance
(1)	Data of Sox, NOx and PM not found transmitted to JSPC Board Server from 2x100 TPD sponge Iron Plant.	The data is being transmitted from both stacks to the JSPCB Server.
(2)	Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.	The leakage from kiln feeding has been controlled with replacement of the torn-out parts and additional water spraying in the hopper. The cooler discharge section bag filter suction has been improved to control the leakages.
(3)	Leakage from kiln cap of rotary kiln was found.	A minimal kiln cap vent takes place during emergency to maintain the optimal pressure in the kiln, with respect to flow of flue gases to WHRB in order to avoid high pressure. The venting is a loss to power generation hence is seriously monitored all the time.
(4)	More tree plantation is required	Till date, we have already made greenbelt plantation of 6000 trees on an area of 6.5 acres and we propose to plant balance 5500 trees over 5.7 acres within two years. Plan for 1st year (by March, 2023) 3000 trees in area of 3.5 acres, For second year (by March.2024) 2500 trees over 2.2 acres.

The copy of representation submitted by the unit vide its letter dated 29.11.2022. is enclosed herewith as **Annexure 5**

6. In light of above the inspection report was sought from the Regional officer, JSPC Board, Jamshedpur vide Ref. No. B-2633 dated 19.12.2022 after verification of the reply submitted by the unit.

The copy of inspection report sought from the Regional officer, JSPC Board, Jamshedpur vide Board's Ref. No. B-2633 dated 19.12.2022 is enclosed herewith as **Annexure 6**

7. The Regional officer, JSPC Board, Jamshedpur vide memo No.1190 dated 29.12.2022 has submitted the verification report. The details of which are as follows: -

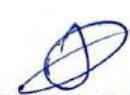

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SN.	Observation	Verification report
1.	Data of Sox, NOx and PM not Found transmitted to JSPC Board Server from 2 x 100 TPD Sponge Iron Plant.	During inspection 2 x 100 TPD rotary kiln and power plant found in operation. Online continuous monitoring system for stack monitoring attached with ESP was also found in operation. Data attached at Annex-I.
2.	Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.	Leakage from kiln feeding has been in control. Leakage from cooler discharge has also controlled. The unit has changed the torn out bags. Purchase copy of bags of bag filter is herewith attached at Annex-II.
3.	Leakage from kiln cap of rotary kiln was found.	Leakage from kiln cap has been controlled. The unit representative informed that cast able of kiln cap got damaged due to opening/closing of the cap to maintain pressure in kiln. They regularly repair the damaged constables.
4.	More tree plantation is required.	The plantation along the boundary wall found. The unit representative informed that by March, 2023 they have planned to do tree plantation in 3.5 Acres and by March, 2024 It will be in another 2.2 Acres of land. Altogether 5500 trees will be planted outside the premises in own land. In last three months they have planted 500 No. of trees. It is necessary to take measures for good survival rate of plants.

The copy of inspection report of Regional officer, JSPC Board, Jamshedpur submitted vide Ref. No.1190 dated 29.12.2022 is enclosed herewith as **Annexure 7**.

8. The abovementioned Inspection Report submitted by the Regional Officer, JSPC Board, Jamshedpur shows that the recommendation of the Committee constituted by the Hon'ble NGT has been complied. In light of the above the Hon'ble Tribunal may be pleased to dispose of the matter.

(Yatindra Kumar Das)
Member Secretary
SPCB, Jharkhand


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SFCB Regional Office

Industry Representative

ARUN SINHA

ShahSponge And Power Ltd(08JH143)
 JURIKATA,JAMSHEDPUR, Jamshedpur ,Jharkhand PIN - 831002
 Station: 4



Online Alerts

(Last 30 days)

No Alerts

SMS Communicated

1 (Last 7 Days)

Submit Response (add-online-alert-respon

Stack_1_Sponge_Iron2x100TPD

NOX	29.4 mg/Nm ³		Sep 29, 2022 12:39:56 PM	
		Diagnostic Status	Time	View Diagnostics () View Data ()
SO2	26.4 mg/Nm ³		Sep 29, 2022 12:39:56 PM	
		Diagnostic Status	Time	View Diagnostics () View Data ()
PM	113 mg/Mm ³		Sep 29, 2022 12:39:56 PM	
		Diagnostic Status	Time	View Diagnostics () View Data ()
				Prescribed Standard

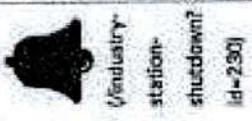
Stack_2_PigIron_120_Captive_Power_Plant_08MW

SO2	41.7 mg/Nm ³		Sep 29, 2022 12:39:59 PM	
		Diagnostic Status	Time	View Diagnostics () View Data ()

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SPCB Regional Office
 Industry Representative
 • ARUN SINHA

ShahSponge And Power Ltd(08JH143)
 Iron and Steel
 JURIHATA,JAMSHEDPUR, Jamshedpur Jharkhand PIN - 831002
 Station: 4



Online Alerts
 (Last 30 days)
 No Alerts

SMS Communicated
1
 (Last 7 Days)
 Submit Response (/sdd-online-alert-respon)

Diagnostic Status	Time	View Diagnostics () View Data ()
SO2	26.4 mg/Nm ³ Diagnostic Status: Sep 29, 2022 12:39:56 PM	
PM	11.3 mg/Nm ³ Diagnostic Status: Sep 29, 2022 12:39:56 PM	

Stack_2_PigIron_120_Captive_Power_Plant_08MW

Diagnostic Status	Time	View Diagnostics () View Data ()
SO2	41.7 mg/Nm ³ Diagnostic Status: Sep 29, 2022 12:39:59 PM	
PM	42.1 mg/Nm ³ Diagnostic Status: Sep 29, 2022 12:39:59 PM	

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Industry: M/s Shah Sponge and Power Ltd
 Industry Cc 08JH143
 Industry Ca Iron & Steel
 Industry Ty Emission
 Address: Jamshedp

range	Stack_1_Sr Stack_1_Sr Stack_1_Sponge_Iron2x100TPD(SO2)		
	0-1000	0-2000	0-2000
min	20.593	21.326	28.765
max	43.806	33.363	42.564
avg	34.229	27.715	35.652

SL	datentime	Stack_1_Sr	Stack_1_Sr	Stack_1_Sponge_Iron2x100TPD(SO2)
1	9/28/2022	43.611	28.923	36.015
2	9/28/2022	36.667	25.312	34.459
3	9/28/2022	35.42	27.924	38.027
4	9/28/2022	25.934	29.783	37.124
5	9/28/2022	36.349	26.532	32.635
6	9/28/2022	39.247	28.635	34.931
7	9/28/2022	38.003	29.299	35.979
8	9/28/2022	33.877	32.739	33.749
9	9/28/2022	36.845	26.765	34.82
10	9/28/2022	37.563	24.146	35.061
11	9/28/2022	35.756	28.678	37.608
12	9/28/2022	34.119	28.373	37.263
13	9/28/2022	28.955	30.245	35.206
14	9/28/2022	33.543	26.579	31.769
15	9/28/2022	26.736	26.005	37.091
16	9/28/2022	40.959	27.276	40.369
17	9/28/2022	39.099	24.188	36.773
18	9/28/2022	34.47	28.638	37.222
19	9/28/2022	33.269	23.325	32.292
20	9/28/2022	33.732	30.985	36.241
21	9/28/2022	37.657	27.324	39.165
22	9/28/2022	33.618	27.003	36.496
23	9/28/2022	27.119	25.98	34.221
24	9/28/2022	31.653	27.964	35.691
25	9/28/2022	37.335	28.363	34.195
26	9/28/2022	35.031	28.209	35.025
27	9/28/2022	35.786	28.703	37.985
28	9/28/2022	37.521	29.985	33.262
29	9/28/2022	33.25	23.599	36.127
30	9/28/2022	30.443	22.826	36.065
31	9/28/2022	30.936	27.035	35.041
32	9/28/2022	34.195	25.596	34.577
33	9/28/2022	33.073	28.503	34.498
34	9/28/2022	30.371	27.031	36.157


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35 9/28/2022	33.515	28.979	38.627
36 9/28/2022	38.152	26.881	37.411
37 9/28/2022	34.696	28.719	35.977
38 9/28/2022	30.53	26.877	35.09
39 9/28/2022	40.559	29.993	32.558
40 9/28/2022	26.416	28.295	38.733
41 9/28/2022	29.407	26.36	36.443
42 9/28/2022	38.875	24.571	32.885
43 9/28/2022	30.032	29.579	35.199
44 9/28/2022	35.573	27.365	35.919
45 9/28/2022	29.684	27.609	34.555
46 9/28/2022	35.447	31.382	37.113
47 9/28/2022	30.917	27.202	33.765
48 9/28/2022	31.628	26.823	33.139
49 9/28/2022	39.895	26.543	38.789
50 9/28/2022	29.981	25.322	31.633
51 9/28/2022	34.597	28.165	42.564
52 9/28/2022	40.221	32.157	35.927
53 9/28/2022	32.33	22.995	32.146
54 9/28/2022	33.357	27.458	39.317
55 9/28/2022	33.669	31.28	41.135
56 9/28/2022	38.741	27.349	38.037
57 9/28/2022	31.267	31.532	38.453
58 9/28/2022	32.975	25.791	34.818
59 9/28/2022 NA	NA	NA	NA
60 9/28/2022 NA	NA	NA	NA
61 9/28/2022 NA	NA	NA	NA
62 9/28/2022 NA	NA	NA	NA
63 9/28/2022 NA	NA	NA	NA
64 9/28/2022	20.593	26.71	35.49
65 9/28/2022	37.946	22.651	33.427
66 9/28/2022	38.297	28.217	34.523
67 9/28/2022	33.457	23.601	32.131
68 9/28/2022	30.401	31.501	33.605
69 9/28/2022	32.571	28.603	37.99
70 9/28/2022	35.409	26.858	38.439
71 9/28/2022	35.266	29.954	36.3
72 9/28/2022	32.068	29.265	30.911
73 9/28/2022	30	28.519	36.627
74 9/28/2022	33.493	25.683	36.136
75 9/28/2022	36.792	33.116	36.605
76 9/28/2022	33.5	28.585	34.899
77 9/28/2022	37.017	28.141	36.879
78 9/28/2022	40.823	28.401	36.906
79 9/28/2022	40.314	23.859	31.51
80 9/28/2022	29.117	26.337	39.112
81 9/28/2022	33.844	27.593	36.897


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82 9/28/2022	31.037	27.907	37.103
83 9/28/2022	35.065	30.781	39.285
84 9/28/2022	33.131	24.45	35.269
85 9/28/2022	29.997	25.671	33.377
86 9/28/2022	32.297	29.095	37.407
87 9/28/2022	35.269	25.695	33.319
88 9/28/2022	33.745	26.021	38.31
89 9/28/2022	36.449	30.755	37.007
90 9/28/2022	27.741	28.119	35.612
91 9/28/2022	42.48	27.306	33.793
92 9/28/2022	32.989	25.115	36.466
93 9/28/2022	27.185	29.241	36.221
94 9/28/2022	33.634	26.203	34.219
95 9/28/2022	33.979	32.937	36.148
96 9/29/2022	30.771	29.307	37.688
97 9/29/2022	27.426	31.762	34.697
98 9/29/2022	32.609	26.68	37.944
99 9/29/2022	34.553	25.389	34.56
100 9/29/2022	30.131	26.475	34.571
101 9/29/2022	35.625	30.612	32.661
102 9/29/2022	41.571	30.213	35.531
103 9/29/2022	34.737	26.818	32.463
104 9/29/2022	31.761	30.18	36.654
105 9/29/2022	39.525	29.202	36.86
106 9/29/2022	33.575	29.586	33.183
107 9/29/2022	34.797	28.431	34.26
108 9/29/2022	32.853	26.539	36.658
109 9/29/2022	35.582	27.253	33.683
110 9/29/2022	38.543	27.376	33.483
111 9/29/2022	37.695	26.38	37.308
112 9/29/2022	30.243	23.455	35.299
113 9/29/2022	34.592	30.291	38.609
114 9/29/2022	32.769	28.985	35.847
115 9/29/2022	36.542	27.219	38.295
116 9/29/2022	35.704	27.053	37.226
117 9/29/2022	35.133	28.442	34.415
118 9/29/2022	38.064	25.232	39.432
119 9/29/2022	33.669	29.161	34.573
120 9/29/2022	34.668	31.04	34.825
121 9/29/2022	32.891	25.701	36.901
122 9/29/2022	31.835	33.363	36.918
123 9/29/2022	38.488	32.222	36.105
124 9/29/2022	35.412	27.045	36.541
125 9/29/2022	32.275	23.957	31.216
126 9/29/2022	39.978	24.815	35.394
127 9/29/2022	40.049	27.837	35.185
128 9/29/2022	38.643	27.125	37.171


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129 9/29/2022 33.677 27.392 38.535
130 9/29/2022 31.819 29.449 37.034
131 9/29/2022 31.124 28.785 37.525
132 9/29/2022 33.13 29.863 35.055
133 9/29/2022 26.483 25.685 33.02
134 9/29/2022 33.307 21.326 32.897
135 9/29/2022 38.4 22.337 32.989
136 9/29/2022 32.361 25.14 32.287
137 9/29/2022 33.696 32.074 33.487
138 9/29/2022 37.519 27.759 34.136
139 9/29/2022 33.451 28.215 37.239
140 9/29/2022 29.588 26.418 32.998
141 9/29/2022 43.806 29.47 35.844
142 9/29/2022 33.709 29.715 33.937
143 9/29/2022 38.804 25.058 28.765
144 9/29/2022 33.701 29.976 36.449
145 9/29/2022 NA NA NA


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Industry: M/s Shah Sponge and Power ltd
 Industry Cc08JH143
 Industry Ca Iron & Steel
 Industry Ty Emission
 Address: Jamshedp

	Stack_2_Pi	Stack_2_PigIron_120_Captive_Power_Plant_08MW(SO2)
range	0-1000	0-1000
min	19.7	21.933
max	33.467	34.573
avg	28.783	30.051

SL	datetime	Stack_2_Pi	Stack_2_PigIron_120_Captive_Power_Plant_08MW(SO2)
1	9/28/2022	26.953	28.427
2	9/28/2022	30.68	31.507
3	9/28/2022	30.987	31.933
4	9/28/2022	24.327	25.82
5	9/28/2022	32.787	33.5
6	9/28/2022	27.773	29.18
7	9/28/2022	27.9	29.26
8	9/28/2022	28	29.556
9	9/28/2022	NA	NA
10	9/28/2022	NA	NA
11	9/28/2022	NA	NA
12	9/28/2022	NA	NA
13	9/28/2022	NA	NA
14	9/28/2022	NA	NA
15	9/28/2022	NA	NA
16	9/28/2022	NA	NA
17	9/28/2022	NA	NA
18	9/28/2022	NA	NA
19	9/28/2022	NA	NA
20	9/28/2022	NA	NA
21	9/28/2022	NA	NA
22	9/28/2022	NA	NA
23	9/28/2022	NA	NA
24	9/28/2022	NA	NA
25	9/28/2022	NA	NA
26	9/28/2022	NA	NA
27	9/28/2022	NA	NA
28	9/28/2022	NA	NA
29	9/28/2022	NA	NA
30	9/28/2022	NA	NA
31	9/28/2022	NA	NA
32	9/28/2022	NA	NA
33	9/28/2022	NA	NA
34	9/28/2022	NA	NA


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35 9/28/2022 NA	NA	
36 9/28/2022 NA	NA	
37 9/28/2022 NA	NA	
38 9/28/2022 NA	NA	
39 9/28/2022 NA	NA	
40 9/28/2022 NA	NA	
41 9/28/2022 NA	NA	
42 9/28/2022	20.64	23.02
43 9/28/2022	32.6	33.367
44 9/28/2022	27.853	29.287
45 9/28/2022	29.06	29.973
46 9/28/2022	27.207	28.673
47 9/28/2022	30.447	31.193
48 9/28/2022	30.54	31.893
49 9/28/2022	24.213	25.64
50 9/28/2022	31.847	33.007
51 9/28/2022	27.66	29.253
52 9/28/2022	28.373	29.667
53 9/28/2022	28.927	30.213
54 9/28/2022	29.313	30.427
55 9/28/2022	31.62	33.1
56 9/28/2022	24.587	26.22
57 9/28/2022	33.233	34.04
58 9/28/2022	29.079	30.221
59 9/28/2022 NA	NA	
60 9/28/2022 NA	NA	
61 9/28/2022 NA	NA	
62 9/28/2022 NA	NA	
63 9/28/2022 NA	NA	
64 9/28/2022	19.7	21.933
65 9/28/2022	25.175	26.75
66 9/28/2022 NA	NA	
67 9/28/2022	29.746	30.9
68 9/28/2022	28.307	29.473
69 9/28/2022	27.487	28.793
70 9/28/2022	30.027	31.02
71 9/28/2022	30.487	31.573
72 9/28/2022	23.32	25.527
73 9/28/2022	33.433	34.153
74 9/28/2022	27.967	29.38
75 9/28/2022	28.107	29.347
76 9/28/2022	28.807	30.52
77 9/28/2022	29.347	30.453
78 9/28/2022	31.513	32.613
79 9/28/2022	24.413	26.133
80 9/28/2022	33.353	33.927
81 9/28/2022	28.507	29.633


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82 9/28/2022	26.48	27.98
83 9/28/2022	29.673	30.673
84 9/28/2022	28.747	29.953
85 9/28/2022	30.333	31.427
86 9/28/2022	23.86	26.067
87 9/28/2022	32.027	32.867
88 9/28/2022	30.067	31.227
89 9/28/2022	26.5	27.82
90 9/28/2022	30.953	32.247
91 9/28/2022	28.087	29.607
92 9/28/2022	30.82	32.047
93 9/28/2022	25.4	26.967
94 9/28/2022	32.04	32.76
95 9/28/2022	30.107	31.1
96 9/29/2022	25.113	26.62
97 9/29/2022	31.487	32.2
98 9/29/2022	27.907	29.34
99 9/29/2022	29.373	30.673
100 9/29/2022	25.087	27.187
101 9/29/2022	30.72	31.56
102 9/29/2022	31.287	32.46
103 9/29/2022	25.4	26.733
104 9/29/2022	32.513	33.587
105 9/29/2022	27.627	29.353
106 9/29/2022	29.6	30.813
107 9/29/2022	26.893	28.48
108 9/29/2022	30.627	31.433
109 9/29/2022	31.02	31.853
110 9/29/2022	24.333	25.927
111 9/29/2022	32.767	33.467
112 9/29/2022	27.8	29.173
113 9/29/2022	27.813	29.28
114 9/29/2022	26.94	28.867
115 9/29/2022	29.2	30.42
116 9/29/2022	31.927	32.9
117 9/29/2022	25.757	26.929
118 9/29/2022	33.467	34.573
119 9/29/2022	29.777	31.115
120 9/29/2022	27.207	28.573
121 9/29/2022	29.227	30.46
122 9/29/2022	29.16	30.227
123 9/29/2022	31.16	32.133
124 9/29/2022	24.593	25.973
125 9/29/2022	32.953	33.74
126 9/29/2022	28.34	29.433
127 9/29/2022	25.98	27.113
128 9/29/2022	29.033	31.853


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129	9/29/2022	27.98	29.467
130	9/29/2022	32.907	33.75
131	9/29/2022	25.373	27.32
132	9/29/2022	32.287	32.9
133	9/29/2022	30.133	31.327
134	9/29/2022	25.42	26.933
135	9/29/2022	31.487	32.127
136	9/29/2022	28.127	29.44
137	9/29/2022	30.053	31.273
138	9/29/2022	25.767	27.08
139	9/29/2022	31.68	32.5
140	9/29/2022	31.558	32.792
141	9/29/2022	26.029	27.443
142	9/29/2022	32.379	32.893
143	9/29/2022	27.107	29.007
144	9/29/2022	30.493	31.427
145	9/29/2022	NA	NA


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JHARKHAND STATE POLLUTION CONTROL BOARD

T.A. DIVISION BUILDING (GROUND FLOOR), H.E.C., DHURWA, RANCHI-834004
Phone: - 2400852, 2400851 Fax :- 0661-2400850, Website:-www.jspcb.org

Ref. Letter No. JS-2225

Ranchi, Dated:- 14/10/2022

From:-
Sanjay K. Srivastava
Section Head, Jamshedpur

To,
Regional Officer,
Regional Office-Cum-Laboratory
Jharkhand State Pollution Control Board
Jamshedpur

Sub: Inspection report in the light of reply submitted of show cause by M/s Shah Sponge & Power Ltd., Mauza- Juri/ Barasal. P.S. Juri, Dist- East Singhbhum - regarding.

Sir,

With reference to the above noted subject, this is to inform you that show cause has been asked to above said unit for non submission of Environmental compensation to keep their part against the show cause notice No. B-2094 dated 29.09.2022.

Unit has submitted their reply in hard copy, which is attached for your reference.

You are, therefore, requested to inspect the above said unit in the light of reply submitted correlating to show cause point(s) and send verification report within a week to this office.

This issues with the approval of competent authority.

Encl. As submitted.

Yours Faithfully.

(Signature)
14.10.22

(Sanjay K. Srivastava)
Section Head, Jamshedpur

(Signature)



JHARKHAND STATE POLLUTION CONTROL BOARD

T.A. DIVISION BUILDING (GROUND FLOOR), H.E.C., DHURWA, RANCHI-834004
Phone: - 2400852, 2400851 Fax :- 0661-2400850, Website:-www.jspcb.org

Ref. Letter No. _____

Ranchi, Dated:- _____

From:-

Y. K. Das,
Member Secretary

To,

M/s Shah Sponge & Power Ltd.,
Mauza- Juri/ Barasai. P.S. Juri,
Dist- East Singhbhum

Sub: - Implementation of Show cause direction - regarding.

Sir,

With reference to the above noted subject, this is to inform you that show cause notice was issued vide this office letter No. B-2094 dated 29.09.2022 against which you submitted your reply vide dated 30.09.2022 in hard copy.

Whereas, the reply submitted by you was sent for verification to Regional officer, Regional office, Jamshedpur.

Whereas, Regional officer, Regional office, Jamshedpur vide letter No. 721 dated 02.11.2022 sent inspection report carried out on 29.10.2022 with details of compliance(s) done.

As reported:

- (1) Data of Sox, Nox and PM not found transmitted to JSPC Board server from 2x 100 TPD spong Iron Plant.
- (2) Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.
- (3) Leakage from Kiln cap of rotary Kiln 3 & 4 was found;
- (4) More tree plantation is required.

You are, therefore, directed to submit the compliance(s) on the issue(s) mentioned above within 15 days to this office.

Sal-
(Y. K. Das)
Member Secretary

Memo No. B-2411.....

Ranchi, Dated 22/11/2022

Copy forwarded to :- Regional Officer, Regional office-cum-laboratory, JSPC Board, Jamshedpur for information and necessary action.

(Y. K. Das)
Member Secretary

Dns

dk
Rizvi-Official(noH) 2013/499

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A-5



SHAH SPONGE & POWER LTD

To,
The Member Secretary,
JSPCB
T.A. Building, HEC
RANCHI(JHARKHAND)

date-29/11/2022.

Sub: - Implementation of Show Cause Direction-regarding.

Ref.:-Your letter no.B-2411 dated 22/11/2022.

Dear Sir,

With reference to the above we want to submit the following Compliance:

Sl.	Observation	Compliance
1.	Data of Sox, NOx and PM not Found transmitted to JSPC Board Server from 2x100 TPD sponge Iron Plant.	The data is being transmitted from both stacks to the JSPCB Server. ANNEXURE-1.
2.	Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.	The leakage from kiln feeding has been controlled with replacement of the torn-out parts and additional water spraying in the hopper. The cooler discharge section bag filter suction has been improved to control the leakages. ANNEXURE-2.
3.	Leakage from kiln cap of rotary kiln was found.	A minimal kiln cap vent takes place during emergency to maintain the optimal pressure in the kiln, with respect to flow of flue gases to WHRB in order to avoid high pressure. The venting is a loss to power generation hence is seriously monitored all the time. ANNEXURE-3
4.	More tree plantation is required.	Till date, we have already made greenbelt plantation of 6000 trees on an area of 6.5 acres and we propose to plant balance 5500 trees over 5.7 acres within two years. Plan for 1 st year (by March,2023) 3000 trees in area of 3.5 acres, For second year (by March 2024) 2500 trees over 2.2 acres. ANNEXURE-4

This is for your kind perusal and necessary consideration.

Thanking You,
Yours Faithfully,
Shah Sponge & Power Ltd.

[Signature]
Authorised Signatory.

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Sr. Rizvi
(Sd/-)
01/12/22

8029
01/12/22

Industry: M/s Shah Sponge and Power Ltd
 Industry Code: 08JH143
 Industry Category: Iron & Steel
 Industry Type: Emission
 Address: Jamshedpur, Jharkh

	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_2_PigIron_120_Ca	Office_Site(PM10)
range	0-1000	0-2000	0-2000	0-1000	0-1000	0-1000
min	24.94	12.96	29.568	19.153	38.747	1.765
max	33.547	17.008	54.124	34.729	52.468	58.331
avg	29.872	15.078	42.587	26.839	45.333	32.273

Sl	datetime	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_2_PigIron_120_Ca	Stack_2_PigIron_120_Ca	Office_Site(PM10)
		n2x100TPD(PM)	nge_Iron2x100TPD(NOx)	nge_Iron2x100TPD(SO2)	0_Captive_Power_Plant_08MW(SO2)	aptive_Power_Plant_08MW(SO2)	
1	11/27/2022 6:15	32.043	15.031	30.299	29.702	42.383	16.362
2	11/27/2022 6:30	28.39	16.159	39.042	30.137	45.193	16.362
3	11/27/2022 6:45	28.093	15.341	37.149	24.577	47.085	37.059
4	11/27/2022 7:00	30.249	14.559	47.581	25.106	46.095	47.408
5	11/27/2022 7:15	30.432	14.757	42.839	27.769	44.249	47.408
6	11/27/2022 7:30	27.738	15.547	38.635	30.562	47.766	47.408
7	11/27/2022 7:45	31.253	16.098	47.025	19.208	45.897	47.569
8	11/27/2022 8:00	28.321	14.853	53.666	19.153	47.357	47.677
9	11/27/2022 8:15	30.613	15.215	48.592	23.365	45.831	47.677
10	11/27/2022 8:30	31.159	13.888	42.086	25.92	40.899	47.677
11	11/27/2022 8:45	27.481	15.421	43.263	27.606	42.73	45.135
12	11/27/2022 9:00	30.004	14.716	49.225	27.767	43.897	42.91
13	11/27/2022 9:15	32.135	16.179	43.523	23.365	43.357	42.91
14	11/27/2022 9:30	28.279	15.121	35.708	20.685	41.182	42.91
15	11/27/2022 9:45	29.493	14.365	45.449	31.21	45.387	28.746
16	11/27/2022 10:00	31.269	14.656	29.568	23.712	47.02	12.558
17	11/27/2022 10:15	28.745	15.41	47.475	22.921	46.809	12.558
18	11/27/2022 10:30	28.657	14.81	42.868	20.605	42.111	12.558
19	11/27/2022 10:45	33.547	15.833	40.649	27.281	42.581	17.664
20	11/27/2022 11:00	28.239	14.402	46.688	27.291	46.254	27.875
21	11/27/2022 11:15	30.03	13.743	40.776	29.61	45.277	27.875
22	11/27/2022 11:30	30.033	14.305	45.373	27.603	45.287	27.875
23	11/27/2022 11:45	32.279	14.143	35.952	30.671	43.755	22.036
24	11/27/2022 12:00	28.746	15.183	36.808	28.999	45.902	10.357
25	11/27/2022 12:15	29.491	16.093	41.955	23.817	46.633	10.357
26	11/27/2022 12:30	28.466	15.457	44.712	23.463	46.213	10.357
27	11/27/2022 12:45	28.947	15.313	46.993	27.612	48.984	9.983
28	11/27/2022 13:00	29.927	15.304	44.797	31.638	46.547	9.25
29	11/27/2022 13:15	29.773	14.396	37.859	30.279	43.198	9.25
30	11/27/2022 13:30	29.731	15.416	41.007	24.151	45.222	9.25
31	11/27/2022 13:45	30.501	15.837	48.361	28.036	47.961	15.194
32	11/27/2022 14:00	31.483	14.506	51.788	30.456	45.78	31.541
33	11/27/2022 14:15	30.471	14.787	43.743	34.729	40.957	31.541
34	11/27/2022 14:30	29.699	16.258	45.893	29.584	43.198	31.541
35	11/27/2022 14:45	31.707	15.599	44.805	24.531	47.243	34.662
36	11/27/2022 15:00	29.925	16.151	44.919	27.036	48.775	47.144
37	11/27/2022 15:15	29.667	15.571	43.918	20.163	47.906	47.144
38	11/27/2022 15:30	29.828	14.565	40.407	25.059	45.449	47.144
39	11/27/2022 15:45	29.495	15.547	46.162	26.431	48.618	47.611
40	11/27/2022 16:00	29.565	14.685	42.233	29.158	45.959	50.65

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41	11/27/2022 16:15	27.833	14.685	40.147	32.149	46.227	50.65
42	11/27/2022 16:30	33.483	16.279	39.967	25.208	45.497	50.65
43	11/27/2022 16:45	28.871	14.588	42.225	30.037	43.246	50.65
44	11/27/2022 17:00	29.631	14.615	54.124	28.011	52.468	51.651
45	11/27/2022 17:15	28.524	15.385	41.483	31.313	48.131	51.651
46	11/27/2022 17:30	31.362	15.701	41.751	29.68	42.576	51.651
47	11/27/2022 17:45	33.216	15.909	48.659	24.869	40.397	51.651
48	11/27/2022 18:00	28.979	14.48	50.552	29.487	44.042	7.082
49	11/27/2022 18:15	30.005	14.167	49.509	28.293	43.747	7.082
50	11/27/2022 18:30	30.288	15.887	46.673	25.031	51.179	7.082
51	11/27/2022 18:45	27.188	15.455	48.556	27.846	47.632	7.082
52	11/27/2022 19:00	29.059	15.515	43.959	27.943	49.1	6.904
53	11/27/2022 19:15	27.743	14.515	44.074	22.096	45.156	6.891
54	11/27/2022 19:30	29.992	15.606	48.003	28.399	45.084	6.891
55	11/27/2022 19:45	29.52	15.093	35.223	22.545	45.374	6.891
56	11/27/2022 20:00	31.19	15.75	38.339	25.854	45.639	50.671
57	11/27/2022 20:15	27.287	14.977	39.587	26.177	47.038	53.798
58	11/27/2022 20:30	32.167	15.239	35.695	26.681	45.988	53.798
59	11/27/2022 20:45	32.266	14.09	51.451	30.82	45.031	53.798
60	11/27/2022 21:00	29.501	14.987	36.109	30.305	46.903	35.949
61	11/27/2022 21:15	31.16	15.053	45.092	26.851	46.639	33.203
62	11/27/2022 21:30	29.772	15.924	42.325	31.079	48.7	33.203
63	11/27/2022 21:45	29.097	13.425	39.767	27.956	43.565	33.203
64	11/27/2022 22:00	29.303	14.819	44.719	22.925	42.109	43.338
65	11/27/2022 22:15	27.893	14.983	41.331	25.509	45.56	45.872
66	11/27/2022 22:30	31.035	17.008	47.529	25.813	43.102	45.872
67	11/27/2022 22:45	32.148	14.301	39.656	25.811	44.599	45.872
68	11/27/2022 23:00	29.892	15.013	36.252	28.05	47.859	54.178
69	11/27/2022 23:15	32.927	15.615	40.955	31.03	44.387	58.331
70	11/27/2022 23:30	29.266	14.888	43.099	29.074	47.075	58.331
71	11/27/2022 23:45	31.499	15.049	49.521	24.717	42.85	58.331
72	11/28/2022 0:00	NA	NA	NA	NA	NA	50.734
73	11/28/2022 0:15	NA	NA	NA	NA	NA	46.935
74	11/28/2022 0:30	29.175	14.222	40.883	20.903	43.555	46.935
75	11/28/2022 0:45	30.121	14.101	39.871	22.703	44.155	46.935
76	11/28/2022 1:00	27.051	14.552	41.25	26.643	47.813	36.206
77	11/28/2022 1:15	30.137	15.237	39.037	25.474	44.9	29.054
78	11/28/2022 1:30	28.163	15.611	44.699	31.47	46.283	29.054
79	11/28/2022 1:45	31.422	14.795	37.789	27.744	47.231	29.054
80	11/28/2022 2:00	30.027	14.699	42.306	25.72	45.137	25.616
81	11/28/2022 2:15	31.345	14.851	40.283	24.129	42.741	22.608
82	11/28/2022 2:30	29.498	12.96	38.237	29.575	48.253	22.608
83	11/28/2022 2:45	30.92	14.445	34.586	29.613	43.032	22.608
84	11/28/2022 3:00	30.016	15.513	38.854	32.115	45.821	12.881
85	11/28/2022 3:15	29.99	15.083	50.815	22.943	48.921	1.765
86	11/28/2022 3:30	29.862	14.509	48.303	24.359	44.165	1.765
87	11/28/2022 3:45	28.659	14.759	33.133	24.495	38.747	1.765
88	11/28/2022 4:00	29.044	14.669	44.827	28.045	43.289	15.882
89	11/28/2022 4:15	27.704	14.552	36.663	29.262	43.314	32.016
90	11/28/2022 4:30	29.029	14.911	46.014	28.271	47	32.016
91	11/28/2022 4:45	33.451	15.589	43.183	26.587	49.062	32.016
92	11/28/2022 5:00	29.613	14.942	35.941	21.077	47.603	35.918
93	11/28/2022 5:15	28.867	15.952	35.445	28.155	41.424	43.722
94	11/28/2022 5:30	29.129	16.279	44.451	28.702	46.034	43.722
95	11/28/2022 5:45	28.813	14.085	44.019	29.442	43.043	43.722
96	11/28/2022 6:00	32.849	15.44	42.494	26.558	44.332	30.235
97	11/28/2022 6:15	24.94	16.4	37.57	23.07	40.9	3.26

Company: M/s Shah Sponge and Power Ltd
 Industry Code: 08IH143
 Industry Category: Iron & Steel
 Industry Type: Emission
 Address: Jamshedpur, Jharkh



	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca
	on2x100TPD(PM)	n2x100TPD(NOx)	00TPD(SO2)	W(PM)	lant_08MW(SO2)	Office_Site(PM10)
range	0-1000	0-2000	0-2000	0-1000	0-1000	0-1000
min	24.94	12.96	29.568	19.153	38.747	1.765
max	33.547	17.008	54.124	34.729	52.468	58.331
avg	29.872	15.078	42.587	26.839	45.333	32.273

datantime	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca	Stack_1_Sponge_Iron_120_Ca
	n2x100TPD(PM)	00TPD(NOx)	00TPD(SO2)	lant_08MW(PM)	MW(SO2)	Office_Site(PM10)
1 11/27/2022 6:15	32.043	15.031	30.299	29.702	42.383	16.362
2 11/27/2022 6:30	28.39	16.159	39.042	30.137	45.193	16.362
3 11/27/2022 6:45	28.093	15.341	37.149	24.577	47.085	37.059
4 11/27/2022 7:00	30.249	14.559	47.581	25.106	46.095	47.408
5 11/27/2022 7:15	30.432	14.767	42.839	27.769	44.249	47.408
6 11/27/2022 7:30	27.738	15.547	38.635	30.562	47.766	47.408
7 11/27/2022 7:45	31.253	16.098	47.025	19.208	45.897	47.569
8 11/27/2022 8:00	28.321	14.853	53.666	19.153	47.357	47.677
9 11/27/2022 8:15	30.613	15.215	48.592	23.365	45.831	47.677
10 11/27/2022 8:30	31.159	13.888	42.085	25.92	40.899	47.677
11 11/27/2022 8:45	27.481	15.421	43.263	27.606	42.73	45.135
12 11/27/2022 9:00	30.004	14.716	49.225	27.767	43.897	42.91
13 11/27/2022 9:15	32.135	16.179	43.523	23.365	43.357	42.91
14 11/27/2022 9:30	28.279	15.121	35.708	20.685	41.182	42.91
15 11/27/2022 9:45	29.493	14.365	45.449	31.21	45.387	28.746
16 11/27/2022 10:00	31.269	14.656	29.568	23.712	47.02	12.558
17 11/27/2022 10:15	28.745	15.41	47.475	22.921	46.809	12.558
18 11/27/2022 10:30	28.657	14.81	42.868	20.695	42.111	12.558
19 11/27/2022 10:45	33.547	15.833	40.649	27.281	42.581	17.664
20 11/27/2022 11:00	28.239	14.402	46.688	27.291	46.254	27.875
21 11/27/2022 11:15	30.03	13.743	40.776	29.61	45.277	27.875
22 11/27/2022 11:30	30.033	14.305	45.373	27.603	45.287	27.875
23 11/27/2022 11:45	32.279	14.143	35.952	30.671	43.755	22.036
24 11/27/2022 12:00	28.746	15.183	36.808	28.999	45.902	10.357
25 11/27/2022 12:15	29.491	16.093	41.955	23.817	46.633	10.357
26 11/27/2022 12:30	28.466	15.457	44.712	23.463	46.213	10.357
27 11/27/2022 12:45	28.947	15.313	46.993	27.612	48.984	9.988
28 11/27/2022 13:00	29.927	15.304	44.797	31.638	46.547	9.25
29 11/27/2022 13:15	29.773	14.396	37.859	30.279	43.198	9.25
30 11/27/2022 13:30	19.731	15.416	41.007	24.151	45.222	9.25
31 11/27/2022 13:45	30.501	15.837	48.301	28.030	47.903	12.104
32 11/27/2022 14:00	31.483	14.506	51.788	30.456	45.78	31.541
33 11/27/2022 14:15	30.471	14.787	43.743	34.729	40.957	31.541
34 11/27/2022 14:30	29.699	16.258	45.893	29.584	43.198	31.541
35 11/27/2022 14:45	31.707	15.599	44.805	24.531	47.243	34.662
36 11/27/2022 15:00	29.925	16.151	44.919	27.036	48.775	47.144
37 11/27/2022 15:15	29.667	15.571	43.918	20.163	47.906	47.144
38 11/27/2022 15:30	29.828	14.565	40.407	25.059	45.449	47.144
39 11/27/2022 15:45	29.495	15.547	46.152	26.431	48.618	47.611
40 11/27/2022 16:00	29.565	14.685	42.233	29.158	45.959	50.65

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41 11/27/2022 16:15	27.833	14.685	40.347	32.149	46.227	50.65
42 11/27/2022 16:30	33.483	16.279	39.967	25.203	45.497	50.65
43 11/27/2022 16:45	28.871	14.588	42.225	30.037	43.246	50.65
44 11/27/2022 17:00	29.631	14.615	54.124	28.011	52.468	51.651
45 11/27/2022 17:15	28.524	15.385	41.483	31.313	48.131	51.651
46 11/27/2022 17:30	31.362	15.701	41.751	29.68	42.576	51.651
47 11/27/2022 17:45	33.216	15.909	48.659	24.869	40.397	51.651
48 11/27/2022 18:00	28.979	14.48	50.552	29.487	44.042	7.082
49 11/27/2022 18:15	30.005	14.167	49.509	28.293	43.747	7.082
50 11/27/2022 18:30	30.288	15.887	46.673	25.031	51.179	7.082
51 11/27/2022 18:45	27.188	15.455	48.556	27.846	47.632	7.082
52 11/27/2022 19:00	29.059	15.515	43.959	27.943	49.1	6.904
53 11/27/2022 19:15	27.743	14.515	44.074	22.096	45.156	6.891
54 11/27/2022 19:30	29.992	15.606	48.003	28.399	45.084	6.891
55 11/27/2022 19:45	29.52	15.093	35.223	22.545	45.374	6.891
56 11/27/2022 20:00	31.19	15.75	38.339	25.854	45.639	50.671
57 11/27/2022 20:15	27.287	14.977	39.587	26.177	47.038	53.798
58 11/27/2022 20:30	32.167	15.239	35.695	26.581	45.988	53.798
59 11/27/2022 20:45	32.266	14.09	51.451	30.82	45.031	53.798
60 11/27/2022 21:00	29.501	14.987	36.109	30.305	46.903	35.949
61 11/27/2022 21:15	31.16	15.053	45.092	26.851	46.639	33.203
62 11/27/2022 21:30	29.772	15.924	42.325	31.079	48.7	33.203
63 11/27/2022 21:45	29.097	13.425	39.767	27.956	43.565	33.203
64 11/27/2022 22:00	29.303	14.819	44.719	22.925	42.109	43.338
65 11/27/2022 22:15	27.893	14.983	41.331	25.509	45.56	45.872
66 11/27/2022 22:30	31.035	17.008	47.529	25.813	43.102	45.872
67 11/27/2022 22:45	32.148	14.301	39.656	25.811	44.599	45.872
68 11/27/2022 23:00	29.892	15.013	36.252	28.05	47.859	54.178
69 11/27/2022 23:15	32.927	15.615	40.955	31.03	44.387	58.331
70 11/27/2022 23:30	29.266	14.888	43.099	29.074	47.075	58.331
71 11/27/2022 23:45	31.499	15.049	49.521	24.717	42.85	58.331
72 11/28/2022 0:00	NA	NA	NA	NA	NA	50.734
73 11/28/2022 0:15	NA	NA	NA	NA	NA	46.935
74 11/28/2022 0:30	29.175	14.222	40.883	20.903	43.555	46.935
75 11/28/2022 0:45	30.121	14.101	39.871	22.703	44.155	46.935
76 11/28/2022 1:00	27.051	14.552	41.25	26.643	47.813	36.206
77 11/28/2022 1:15	30.137	15.237	38.037	25.474	44.9	29.054
78 11/28/2022 1:30	28.163	15.611	44.699	31.47	46.283	29.054
79 11/28/2022 1:45	31.422	14.795	37.789	27.744	47.231	29.054
80 11/28/2022 2:00	30.027	14.699	42.306	25.72	45.137	25.616
81 11/28/2022 2:15	31.345	14.851	40.283	24.129	42.741	22.608
82 11/28/2022 2:30	29.458	12.96	38.237	29.575	48.253	22.608
83 11/28/2022 2:45	30.92	14.445	34.586	29.613	43.032	22.608
84 11/28/2022 3:00	30.016	15.513	38.854	32.115	45.821	12.881
85 11/28/2022 3:15	29.99	15.083	50.815	22.943	48.921	1.765
86 11/28/2022 3:30	29.862	14.509	48.303	24.359	44.165	1.765
87 11/28/2022 3:45	28.659	14.759	33.133	24.495	38.747	1.765
88 11/28/2022 4:00	29.044	14.669	44.827	28.045	43.289	15.882
89 11/28/2022 4:15	27.704	14.552	36.663	29.262	43.314	32.016
90 11/28/2022 4:30	29.029	14.911	40.014	26.271	44.020	32.016
91 11/28/2022 4:45	33.451	15.589	43.183	26.587	49.062	32.016
92 11/28/2022 5:00	29.613	14.942	35.941	21.077	47.603	35.918
93 11/28/2022 5:15	28.867	15.952	35.445	28.155	41.424	43.722
94 11/28/2022 5:30	29.129	16.279	44.451	28.702	46.034	43.722
95 11/28/2022 5:45	28.813	14.085	44.019	29.442	43.043	43.722
96 11/28/2022 6:00	32.849	15.44	42.494	26.558	44.332	30.235
97 11/28/2022 6:15	24.94	16.4	37.57	23.07	40.9	3.26

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Sl. No	Industry Name	stationId	parameter	process	UL	Subm. date	timestamp
1	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	SO2		70.75 mg/Nm3	28-11-2022 17:30	28-11-2022 17:30
2	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		14.47 mg/Nm3	28-11-2022 17:30	28-11-2022 17:30
3	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		38.53 mg/Nm3	28-11-2022 17:30	28-11-2022 17:30
4	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		30.33 mg/Nm3	28-11-2022 17:17	28-11-2022 16:55
5	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		14.51 mg/Nm3	28-11-2022 17:15	28-11-2022 16:55
6	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		21.03 mg/Nm3	28-11-2022 17:15	28-11-2022 16:55
7	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		58.64 mg/Nm3	28-11-2022 17:03	28-11-2022 16:40
8	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		14.12 mg/Nm3	28-11-2022 17:01	28-11-2022 16:40
9	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		23.4 mg/Nm3	28-11-2022 17:00	28-11-2022 16:40
10	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		39.75 mg/Nm3	28-11-2022 16:47	28-11-2022 16:25
11	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		34.11 mg/Nm3	28-11-2022 16:45	28-11-2022 16:25
12	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		43.05 mg/Nm3	28-11-2022 16:32	28-11-2022 16:10
13	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	PM		25.14 mg/Nm3	28-11-2022 16:32	28-11-2022 16:10
14	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		27.45 mg/Nm3	28-11-2022 16:31	2022-11-28T16:29:52Z
15	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		19.05 mg/Nm3	28-11-2022 16:30	28-11-2022 16:10
16	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		37.49 mg/Nm3	28-11-2022 16:30	28-11-2022 16:10
17	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		60.02 mg/Nm3	28-11-2022 16:18	28-11-2022 15:55
18	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		13.12 mg/Nm3	28-11-2022 16:15	28-11-2022 15:55
19	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		23.2 mg/Nm3	28-11-2022 16:15	28-11-2022 15:55
20	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		18.61 mg/Nm3	28-11-2022 16:00	28-11-2022 15:40
21	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		31.44 mg/Nm3	28-11-2022 16:00	28-11-2022 15:40
22	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	PM		6.38 mg/Nm3	28-11-2022 15:46	28-11-2022 15:25
23	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		35.67 mg/Nm3	28-11-2022 15:46	2022-11-28T15:44:53Z
24	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		15.47 mg/Nm3	28-11-2022 15:45	28-11-2022 15:25
25	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		38.09 mg/Nm3	28-11-2022 15:45	28-11-2022 15:25
26	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		55.71 mg/Nm3	28-11-2022 15:33	28-11-2022 15:10
27	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		15.45 mg/Nm3	28-11-2022 15:30	28-11-2022 15:10
28	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		39.8 mg/Nm3	28-11-2022 15:30	28-11-2022 15:10
29	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		38.51 mg/Nm3	28-11-2022 15:23	28-11-2022 14:55
30	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	PM		15.24 mg/Nm3	28-11-2022 15:23	28-11-2022 14:55
31	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		15.17 mg/Nm3	28-11-2022 15:21	28-11-2022 14:55
32	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		39.92 mg/Nm3	28-11-2022 15:20	28-11-2022 14:55
33	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		59.88 mg/Nm3	28-11-2022 15:08	28-11-2022 14:40
34	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	PM		46.77 mg/Nm3	28-11-2022 15:08	28-11-2022 14:40
35	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	SO2		46.01 mg/Nm3	28-11-2022 15:07	28-11-2022 14:40
36	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		14.1 mg/Nm3	28-11-2022 15:05	28-11-2022 14:40
37	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		30.55 mg/Nm3	28-11-2022 15:05	28-11-2022 14:40
38	M/s Shah Sponge and Power Ltd	PigIron_120	PM		38.29 mg/Nm3	28-11-2022 15:01	2022-11-28T14:55:58Z
39	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	SO2		39.04 mg/Nm3	28-11-2022 14:52	28-11-2022 14:25
40	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	SO2		42.11 mg/Nm3	28-11-2022 14:50	28-11-2022 14:25
41	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	NOX		10.88 mg/Nm3	28-11-2022 14:49	28-11-2022 14:25
42	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	PM		39.58 mg/Nm3	28-11-2022 14:48	2022-11-28T14:44:32Z

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43	M/s Shah Sponge and Power Ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	PM	27.77	mg/Nm3	28-11-2022 14:16	28-11-2022 14:10
44	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	12.7	mg/Nm3	28-11-2022 14:34	28-11-2022 14:30
45	M/s Shah Sponge and Power Ltd	Spc_Iron2x100TPD	OMGA2019098	PM	37.08	mg/Nm3	28-11-2022 14:34	28-11-2022 14:30
46	M/s Shah Sponge and Power Ltd	Pigiron_120	OMGA2019087	PM	35.34	mg/Nm3	28-11-2022 14:31	2022-11-28T14:29:58Z
47	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	52.85	mg/Nm3	28-11-2022 14:17	28-11-2022 14:55
48	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	34.9	mg/Nm3	28-11-2022 14:16	28-11-2022 14:55
49	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	13.06	mg/Nm3	28-11-2022 14:15	28-11-2022 14:55
50	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.68	mg/Nm3	28-11-2022 14:15	28-11-2022 14:55
51	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	34.27	mg/Nm3	28-11-2022 14:03	28-11-2022 14:40
52	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	27.3	mg/Nm3	28-11-2022 14:01	2022-11-28T14:59:53Z
53	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	11.84	mg/Nm3	28-11-2022 14:00	28-11-2022 14:40
54	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	11.9	mg/Nm3	28-11-2022 14:00	28-11-2022 14:40
55	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.57	mg/Nm3	28-11-2022 14:00	28-11-2022 14:40
56	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	15.64	mg/Nm3	28-11-2022 13:46	28-11-2022 14:25
57	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	18.95	mg/Nm3	28-11-2022 13:45	28-11-2022 14:25
58	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	30.77	mg/Nm3	28-11-2022 13:45	28-11-2022 14:25
59	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	32.71	mg/Nm3	28-11-2022 13:32	28-11-2022 14:10
60	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	35.52	mg/Nm3	28-11-2022 13:31	2022-11-28T14:29:53Z
61	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	22.91	mg/Nm3	28-11-2022 13:31	28-11-2022 14:10
62	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	16.71	mg/Nm3	28-11-2022 13:30	28-11-2022 14:10
63	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	28.41	mg/Nm3	28-11-2022 13:30	28-11-2022 14:10
64	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	38.24	mg/Nm3	28-11-2022 13:16	28-11-2022 14:55
65	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	13.52	mg/Nm3	28-11-2022 13:15	28-11-2022 14:55
66	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	24.5	mg/Nm3	28-11-2022 13:15	28-11-2022 14:55
67	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	15.74	mg/Nm3	28-11-2022 13:07	28-11-2022 14:40
68	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	12.50	mg/Nm3	28-11-2022 13:06	28-11-2022 14:40
69	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.4	mg/Nm3	28-11-2022 13:05	28-11-2022 14:40
70	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	35.59	mg/Nm3	28-11-2022 12:53	28-11-2022 14:25
71	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	38.16	mg/Nm3	28-11-2022 12:53	28-11-2022 14:25
72	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.83	mg/Nm3	28-11-2022 12:51	28-11-2022 14:25
73	M/s Shah Sponge and Power Ltd	Pigiron_120	OMGA2019087	PM	14.68	mg/Nm3	28-11-2022 12:46	2022-11-28T14:44:58Z
74	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	30.36	mg/Nm3	28-11-2022 12:46	2022-11-28T14:44:58Z
75	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	23.14	mg/Nm3	28-11-2022 12:36	28-11-2022 14:10
76	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	72.23	mg/Nm3	28-11-2022 12:35	28-11-2022 14:10
77	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.46	mg/Nm3	28-11-2022 12:34	28-11-2022 14:10
78	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	33.66	mg/Nm3	28-11-2022 12:31	2022-11-28T14:29:53Z
79	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	19.59	mg/Nm3	28-11-2022 12:22	28-11-2022 14:55
80	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	22.72	mg/Nm3	28-11-2022 12:21	28-11-2022 14:55
81	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.73	mg/Nm3	28-11-2022 12:20	28-11-2022 14:55
82	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.62	mg/Nm3	28-11-2022 12:20	28-11-2022 14:55
83	M/s Shah Sponge and Power Ltd	Pigiron_120	OMGA2019087	PM	44.98	mg/Nm3	28-11-2022 12:16	2022-11-28T14:58Z
84	M/s Shah Sponge and Power Ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	6.48	mg/Nm3	28-11-2022 12:09	28-11-2022 14:40
85	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	31.77	mg/Nm3	28-11-2022 12:02	28-11-2022 14:40
86	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	12.97	mg/Nm3	28-11-2022 12:00	28-11-2022 14:40
87	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.43	mg/Nm3	28-11-2022 12:00	28-11-2022 14:40

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Sl. No.	Sample Name	Parameter	Unit	Value	Date	Time
88	M/s Shah Sponge and Power Itd	PigIron_120				
89	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	34.22	28-11-2022	11:45
90	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	44.75	28-11-2022	11:53
91	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	20.15	28-11-2022	11:51
92	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	19.91	28-11-2022	11:50
93	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	25.25	28-11-2022	11:50
94	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	47.31	28-11-2022	11:18
95	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	22.94	28-11-2022	11:16
96	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	10.83	28-11-2022	11:15
97	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	19.94	28-11-2022	11:15
98	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	23.63	28-11-2022	11:15
99	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	59.03	28-11-2022	11:07
100	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	41.58	28-11-2022	11:05
101	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	15.4	28-11-2022	11:05
102	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	25.54	28-11-2022	11:04
103	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	44.7	28-11-2022	10:53
104	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	28.49	28-11-2022	10:52
105	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	14.96	28-11-2022	10:51
106	M/s Shah Sponge and Power Itd	PigIron_120	mg/Nm3	11.7	28-11-2022	10:46
107	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	31.41	28-11-2022	10:46
108	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	42.31	28-11-2022	10:37
109	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	27.54	28-11-2022	10:36
110	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	14.24	28-11-2022	10:35
111	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	23.35	28-11-2022	10:30
112	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	51.84	28-11-2022	10:17
113	M/s Shah Sponge and Power Itd	PigIron_120	mg/Nm3	45.11	28-11-2022	10:16
114	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	11.32	28-11-2022	10:15
115	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	37.54	28-11-2022	10:15
116	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	38.42	28-11-2022	10:07
117	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	6.56	28-11-2022	10:05
118	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	65.95	28-11-2022	10:05
119	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	19.97	28-11-2022	10:04
120	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	20.4	28-11-2022	10:04
121	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	31.17	28-11-2022	09:50
122	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	46.83	28-11-2022	09:50
123	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	16.62	28-11-2022	09:49
124	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	35.05	28-11-2022	09:46
125	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	60.85	28-11-2022	09:36
126	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	17.7	28-11-2022	09:35
127	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	22.25	28-11-2022	09:31
128	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	61.35	28-11-2022	09:20
129	M/s Shah Sponge and Power Itd	PigIron_120&Captive_Power_Plant_08MW	mg/Nm3	43.51	28-11-2022	09:20
130	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	41.77	28-11-2022	09:19
131	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	15.51	28-11-2022	09:19
132	M/s Shah Sponge and Power Itd	Sponge_Iron2x100TPD	mg/Nm3	37.08	28-11-2022	09:19

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Sl. No.	Item Description	Unit	Value	Rate	Amount	Contract No.	Contract Date
133	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO				OMGA2019098	28-11-2022 06:40
134	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	26.65	mg/Nm3	26.65	OMGA2019098	28-11-2022 06:40
135	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	65.43	mg/Nm3	65.43	OMGA2019098	28-11-2022 08:45
136	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	1.9	mg/Nm3	1.9	OMGA2019098	28-11-2022 08:45
137	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	29.62	mg/Nm3	29.62	OMGA2019098	28-11-2022 08:45
138	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	10.31	mg/Nm3	10.31	OMGA2019087	28-11-2022 08:31
139	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	70.07	mg/Nm3	70.07	OMGA2019098	28-11-2022 08:30
140	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	18.91	mg/Nm3	18.91	OMGA2019098	28-11-2022 08:30
141	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	31.04	mg/Nm3	31.04	OMGA2019098	28-11-2022 08:30
142	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	56.46	mg/Nm3	56.46	OMGA2019087	28-11-2022 08:17
143	M/s Shah Sponge and Power Ltd	PigIron_120	38.99	mg/Nm3	38.99	OMGA2019087	28-11-2022 08:16
144	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	37.05	mg/Nm3	37.05	OMGA2019098	28-11-2022 08:16
145	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	31.41	mg/Nm3	31.41	OMGA2019098	28-11-2022 07:55
146	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	17.44	mg/Nm3	17.44	OMGA2019098	28-11-2022 07:55
147	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	30.09	mg/Nm3	30.09	OMGA2019098	28-11-2022 07:55
148	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	42.39	mg/Nm3	42.39	OMGA2019087	28-11-2022 07:40
149	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	17.13	mg/Nm3	17.13	OMGA2019098	28-11-2022 07:40
150	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	32.85	mg/Nm3	32.85	OMGA2019098	28-11-2022 07:40
151	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	22.38	mg/Nm3	22.38	OMGA2019087	28-11-2022 07:25
152	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	23.05	mg/Nm3	23.05	OMGA2019098	28-11-2022 07:46
153	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	23.63	mg/Nm3	23.63	OMGA2019098	28-11-2022 07:45
154	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	19.55	mg/Nm3	19.55	OMGA2019098	28-11-2022 07:45
155	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	37.44	mg/Nm3	37.44	OMGA2019098	28-11-2022 07:45
156	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	33.5	mg/Nm3	33.5	OMGA2019087	28-11-2022 07:40
157	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	28.28	mg/Nm3	28.28	OMGA2019087	28-11-2022 07:32
158	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	20.06	mg/Nm3	20.06	OMGA2019098	28-11-2022 07:31
159	M/s Shah Sponge and Power Ltd	PigIron_120	20.54	mg/Nm3	20.54	OMGA2019087	28-11-2022 07:31
160	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	29	mg/Nm3	29	OMGA2019098	28-11-2022 07:31
161	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	10.86	mg/Nm3	10.86	OMGA2019098	28-11-2022 07:30
162	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	35.75	mg/Nm3	35.75	OMGA2019098	28-11-2022 07:30
163	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	58.21	mg/Nm3	58.21	OMGA2019087	28-11-2022 07:17
164	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	40.66	mg/Nm3	40.66	OMGA2019087	28-11-2022 07:16
165	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	14.48	mg/Nm3	14.48	OMGA2019098	28-11-2022 07:15
166	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	10.85	mg/Nm3	10.85	OMGA2019098	28-11-2022 07:15
167	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	49.71	mg/Nm3	49.71	OMGA2019087	28-11-2022 07:01
168	M/s Shah Sponge and Power Ltd	PigIron_120	47.44	mg/Nm3	47.44	OMGA2019087	28-11-2022 07:01
169	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	29.73	mg/Nm3	29.73	OMGA2019098	28-11-2022 07:01
170	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	4.4	mg/Nm3	4.4	OMGA2019087	28-11-2022 07:01
171	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	31.62	mg/Nm3	31.62	OMGA2019098	28-11-2022 07:00
172	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	10.12	mg/Nm3	10.12	OMGA2019098	28-11-2022 07:00
173	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	34.53	mg/Nm3	34.53	OMGA2019098	28-11-2022 07:00
174	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	38.11	mg/Nm3	38.11	OMGA2019087	28-11-2022 06:48
175	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	17.51	mg/Nm3	17.51	OMGA2019087	28-11-2022 06:47
176	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	14.68	mg/Nm3	14.68	OMGA2019098	28-11-2022 06:46
177	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	32.48	mg/Nm3	32.48	OMGA2019098	28-11-2022 06:45

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178	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	55.33 mg/Nm3	28-11-2022 06:32	28-11-2022 06:10
179	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	37.81 mg/Nm3	28-11-2022 06:31	2022-11-28 06:29:58Z
180	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	4.25 mg/Nm3	28-11-2022 06:31	28-11-2022 06:20
181	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	23.65 mg/Nm3	28-11-2022 06:30	2022-11-28T06:29:53Z
182	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	29 mg/Nm3	28-11-2022 06:30	28-11-2022 06:20
183	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	11.09 mg/Nm3	28-11-2022 06:30	28-11-2022 06:10
184	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	26.22 mg/Nm3	28-11-2022 06:30	28-11-2022 06:10
185	M/s Shah Sponge and Power Ltd	PigIron_120	OMGA2019087	PM	11.88 mg/Nm3	28-11-2022 06:16	2022-11-28T06:14:58Z
186	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	41.03 mg/Nm3	28-11-2022 06:15	28-11-2022 06:15
187	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	12.98 mg/Nm3	28-11-2022 06:15	28-11-2022 06:15
188	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	35.13 mg/Nm3	28-11-2022 06:15	28-11-2022 06:15
189	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	59.09 mg/Nm3	28-11-2022 06:02	28-11-2022 05:40
190	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	22.12 mg/Nm3	28-11-2022 06:01	28-11-2022 05:40
191	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	49.23 mg/Nm3	28-11-2022 06:00	28-11-2022 05:40
192	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	19.45 mg/Nm3	28-11-2022 06:00	28-11-2022 05:40
193	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	36.13 mg/Nm3	28-11-2022 06:00	28-11-2022 05:40
194	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	36.8 mg/Nm3	28-11-2022 05:46	2022-11-28T05:44:53Z
195	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	14.11 mg/Nm3	28-11-2022 05:45	28-11-2022 05:25
196	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	22.51 mg/Nm3	28-11-2022 05:45	28-11-2022 05:25
197	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	43.88 mg/Nm3	28-11-2022 05:33	28-11-2022 05:10
198	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	6.71 mg/Nm3	28-11-2022 05:32	28-11-2022 05:10
199	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	57.22 mg/Nm3	28-11-2022 05:31	28-11-2022 05:10
200	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	18 mg/Nm3	28-11-2022 05:30	28-11-2022 05:10
201	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	37.1 mg/Nm3	28-11-2022 05:30	28-11-2022 05:10
202	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	49.55 mg/Nm3	28-11-2022 05:17	28-11-2022 04:55
203	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	40.01 mg/Nm3	28-11-2022 05:15	28-11-2022 04:55
204	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	16.59 mg/Nm3	28-11-2022 05:15	28-11-2022 04:55
205	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	22.31 mg/Nm3	28-11-2022 05:15	28-11-2022 04:55
206	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	61.42 mg/Nm3	28-11-2022 05:03	28-11-2022 04:40
207	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	14.33 mg/Nm3	28-11-2022 05:02	28-11-2022 04:40
208	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	33.05 mg/Nm3	28-11-2022 05:01	28-11-2022 04:40
209	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	15.79 mg/Nm3	28-11-2022 05:00	28-11-2022 04:40
210	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	25.59 mg/Nm3	28-11-2022 05:00	28-11-2022 04:40
211	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	42.1 mg/Nm3	28-11-2022 04:48	28-11-2022 04:25
212	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	38.14 mg/Nm3	28-11-2022 04:46	28-11-2022 04:25
213	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	32.8 mg/Nm3	28-11-2022 04:46	2022-11-28T04:44:53Z
214	M/s Shah Sponge and Power Ltd	PigIron_120	OMGA2019087	PM	25.92 mg/Nm3	28-11-2022 04:46	2022-11-28T04:44:59Z
215	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	19.46 mg/Nm3	28-11-2022 04:45	28-11-2022 04:25
216	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	34.01 mg/Nm3	28-11-2022 04:45	28-11-2022 04:25
217	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	50.07 mg/Nm3	28-11-2022 04:32	28-11-2022 04:10
218	M/s Shah Sponge and Power Ltd	PigIron_120	OMGA2019087	PM	17.83 mg/Nm3	28-11-2022 04:31	2022-11-28T04:30:50Z
219	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	SO2	48.05 mg/Nm3	28-11-2022 04:31	28-11-2022 04:10
220	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	32.55 mg/Nm3	28-11-2022 04:30	2022-11-28T04:29:54Z
221	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	NOX	11.29 mg/Nm3	28-11-2022 04:30	28-11-2022 04:10
222	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TFD	OMGA2019098	PM	20.5 mg/Nm3	28-11-2022 04:30	28-11-2022 04:10

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223	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	30.2	mg/Nm3	28-11-2022 04:17	28-11-2022 03:55
224	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	45.34	mg/Nm3	28-11-2022 04:16	2022-11-28T04:14:52
225	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	35.58	mg/Nm3	28-11-2022 04:16	2022-11-28T04:14:52
226	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	NOX	12.95	mg/Nm3	28-11-2022 04:15	28-11-2022 03:55
227	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	24.34	mg/Nm3	28-11-2022 04:15	28-11-2022 04:55
228	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	38.41	mg/Nm3	28-11-2022 04:03	28-11-2022 03:40
229	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	PM	12.46	mg/Nm3	28-11-2022 04:02	28-11-2022 03:40
230	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	SO2	51.35	mg/Nm3	28-11-2022 04:03	28-11-2022 03:40
231	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	35.7	mg/Nm3	28-11-2022 04:03	2022-11-28T03:59:52
232	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	35.45	mg/Nm3	28-11-2022 04:00	28-11-2022 03:40
233	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	43.71	mg/Nm3	28-11-2022 03:48	28-11-2022 03:25
234	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	PM	34.45	mg/Nm3	28-11-2022 03:47	28-11-2022 03:25
235	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	32.55	mg/Nm3	28-11-2022 03:46	2022-11-28T03:44:53Z
236	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	NOX	12.09	mg/Nm3	28-11-2022 03:45	28-11-2022 03:25
237	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	28.05	mg/Nm3	28-11-2022 03:45	28-11-2022 03:25
238	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	NOX	16.84	mg/Nm3	28-11-2022 03:30	28-11-2022 03:10
239	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	32.82	mg/Nm3	28-11-2022 03:30	28-11-2022 03:10
240	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	52.15	mg/Nm3	28-11-2022 03:18	28-11-2022 03:55
241	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	41.55	mg/Nm3	28-11-2022 03:16	2022-11-28T03:14:50Z
242	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	32.15	mg/Nm3	28-11-2022 03:15	2022-11-28T03:14:53Z
243	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	NOX	13.98	mg/Nm3	28-11-2022 03:15	28-11-2022 03:55
244	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	26.52	mg/Nm3	28-11-2022 03:15	28-11-2022 03:55
245	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	45.14	mg/Nm3	28-11-2022 03:03	28-11-2022 02:40
246	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	PM	21.71	mg/Nm3	28-11-2022 03:02	28-11-2022 02:40
247	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	35.98	mg/Nm3	28-11-2022 03:01	2022-11-28T02:59:33Z
248	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	NOX	15.49	mg/Nm3	28-11-2022 03:00	28-11-2022 02:40
249	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	26.4	mg/Nm3	28-11-2022 03:00	28-11-2022 02:40
250	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	29.42	mg/Nm3	28-11-2022 02:48	28-11-2022 02:25
251	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	NOX	14.42	mg/Nm3	28-11-2022 02:45	28-11-2022 02:25
252	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	31.08	mg/Nm3	28-11-2022 02:45	28-11-2022 02:25
253	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	56.33	mg/Nm3	28-11-2022 02:34	28-11-2022 02:10
254	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	23.53	mg/Nm3	28-11-2022 02:31	2022-11-28T02:29:52Z
255	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	21.59	mg/Nm3	28-11-2022 02:30	28-11-2022 02:10
256	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	35.51	mg/Nm3	28-11-2022 02:18	28-11-2022 01:55
257	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	PM	45.79	mg/Nm3	28-11-2022 02:18	28-11-2022 01:55
258	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	38.31	mg/Nm3	28-11-2022 02:16	2022-11-28T01:45:32Z
259	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	31.02	mg/Nm3	28-11-2022 02:15	28-11-2022 01:55
260	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	SO2	48.95	mg/Nm3	28-11-2022 02:04	28-11-2022 01:40
261	M/s Shah Sponge and Power ltd	Pigiron_1208,Captive_Power_Plant_08MW	OMGA2019087	PM	32.21	mg/Nm3	28-11-2022 02:03	28-11-2022 01:40
262	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	SO2	50.94	mg/Nm3	28-11-2022 02:02	28-11-2022 01:40
263	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	28.85	mg/Nm3	28-11-2022 02:01	2022-11-28T01:59:53Z
264	M/s Shah Sponge and Power ltd	Pigiron_120	OMGA2019087	PM	17.15	mg/Nm3	28-11-2022 02:01	2022-11-28T01:59:52Z
265	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	37.72	mg/Nm3	28-11-2022 02:00	28-11-2022 01:40

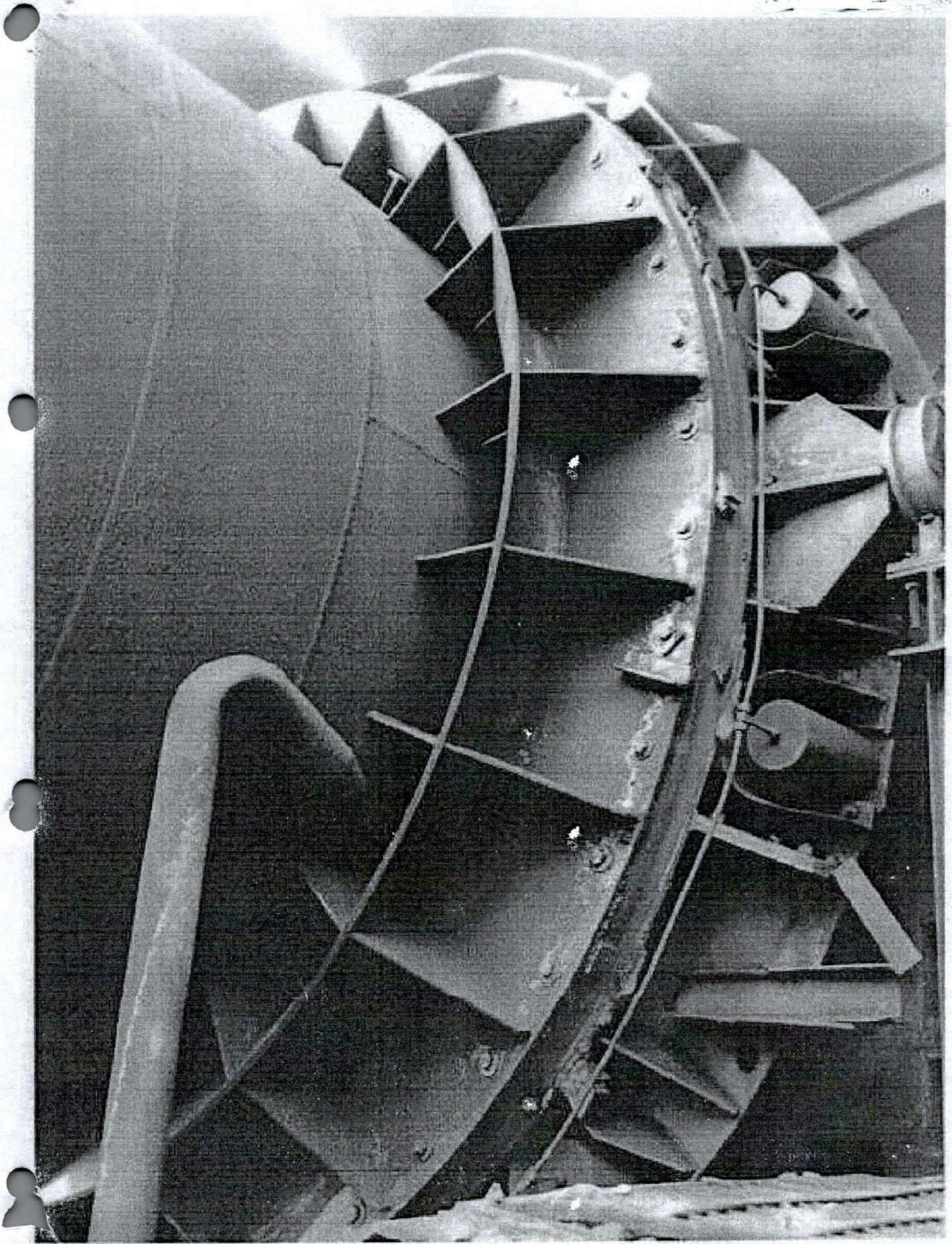
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266	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	22.44	mg/Nm3	28-11-2022 01:45	28-11-2022 01:25
267	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	32.11	mg/Nm3	28-11-2022 01:30	28-11-2022 01:10
268	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	48.24	mg/Nm3	28-11-2022 01:17	28-11-2022 00:55
269	M/s Shah Sponge and Power Ltd	PigIron_120	OMGA2019087	PM	38.22	mg/Nm3	28-11-2022 01:06	2022-11-28T01:14:59Z
270	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	NOx	16.4	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
271	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	28.74	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
272	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	61.02	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
273	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	20.85	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
274	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	NOx	19.4	mg/Nm3	28-11-2022 01:01	28-11-2022 00:40
275	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	37.06	mg/Nm3	28-11-2022 01:00	28-11-2022 00:40
276	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	41.18	mg/Nm3	28-11-2022 00:49	28-11-2022 00:25
277	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	36.84	mg/Nm3	28-11-2022 00:48	28-11-2022 00:25
278	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	SO2	11.05	mg/Nm3	28-11-2022 01:17	28-11-2022 00:25
279	M/s Shah Sponge and Power Ltd	PigIron_120	OMGA2019087	PM	6.77	mg/Nm3	28-11-2022 00:46	2022-11-28T00:44:59Z
280	M/s Shah Sponge and Power Ltd	Sponge_Iron2x100TPO	OMGA2019098	PM	21.86	mg/Nm3	28-11-2022 00:45	28-11-2022 00:25
281	M/s Shah Sponge and Power Ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	48.28	mg/Nm3	28-11-2022 00:34	28-11-2022 00:10

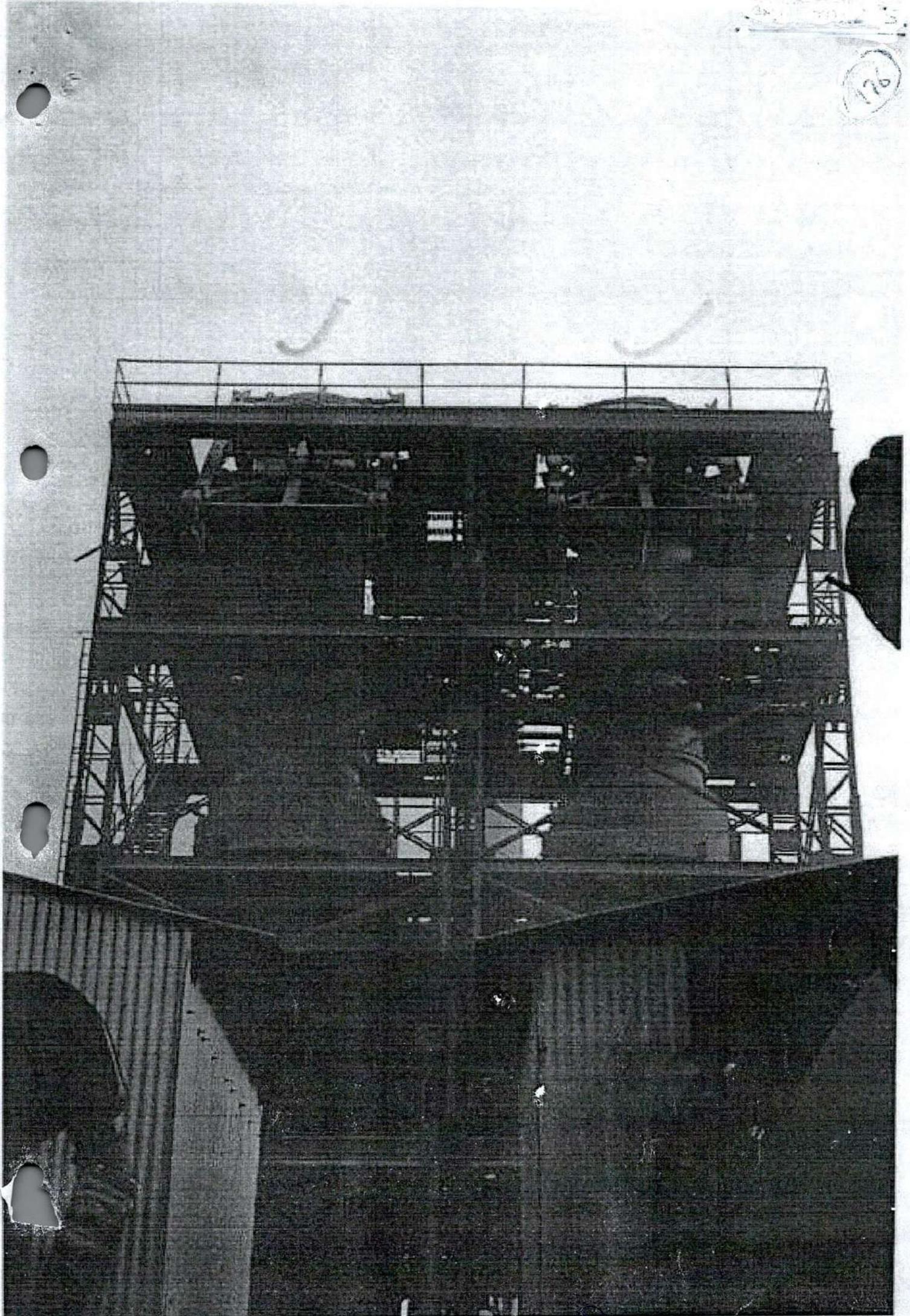
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EXHIBIT - 2




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M/s. Ever Green Horticultural {NURSERY}

FARM-FULDUNGRI, NEAR KOUSHLYA LODGE, P.O.: Ghatsila, Dist. - East Singhbhum-832303 Leading Growers & Suppliers of all
Sorts of Forestry Fruits, Shurbs, Ornamental, Flowers Seeds & Plants
Mobile: 9431381295

L.No.-D.A.O.-01/2008

GST No.-20AKJPP9346B1ZB

Bill No. 36

Date: 22/05/2022

Receipt/Buyer's Name-

Shah Sponge & Power Ltd.

Address-

Hata

Consigner's Name-

Address-

Sl.No.	Description	Quantity	Rate	Rs.	Amount	p
01.	Poltu	200 Pcs	18.00	3,600/-	00	
02.	Sisam	200 Pcs	25.00	5,000/-	00	
03.	Karanj	100 Pcs	22.00	2,200/-	00	
04.	Mahaneem	200 Pcs	15.00	3,000/-	00	
05.	Green Simbal	200 Pcs	30.00	6,000/-	00	
		900 Pcs.				
GRAND TOTAL				Rs. 19,800/-	00	

Rupees Nineteen Thousand Eight

Hundred only

Note: Of Live trees and other plants bolls, roots, and the like
cut flowers and ornamental foliage GST exempted.

Signature

For, M/s EVERGREEN HORTICULTURAL NURSERY

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M/s. Ever Green Horticultural {NURSERY}

FARM-FULDUNGRI, NEAR KOUSHLYA LODGE, P.O.: Ghatsila, Dist.-East Singhbhum-832303 Leading Growers & Suppliers of all
Sorts of Forestry Fruits, Shurbs, Ornamental, Flowers Seeds & Plants
Mobile: 9431381295

L.No.-D.A.O.-01/2008

GST No.-20AKJPP934681ZB

Bill No. 29

Date: 17/04/2022

Recipient/Buyer's Name-

Shah Spange & Power Ltd

Address-

Hata

Consigner's Name-

Address-

Sl.No.	Description	Quantity	Rate	Amount	
				Rs.	p
01.	Pattu	200 Pcs	18.00	3,600/-	00
02.	Sisam	200 Pcs	25.00	5,000/-	00
03.	Karanj	200 Pcs	22.00	4,400/-	00
04.	Mahaneem	200 Pcs	15.00	3,000/-	00
05.	Green Simbal	200 Pcs	30.00	6,000/-	00
1000 Pcs					
GRAND TOTAL				Rs. 22,000/-	00

Rupees Twenty Two Thousand

only

Note: 06. Live trees and other plants bulbs, roots, and the like
cut flowers and ornamental foliage GST exempted.

Signature

For, M/s EVERGREEN HORTICULTURAL NURSERY

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JHARKHAND STATE POLLUTION CONTROL BOARD

T.A. DIVISION BUILDING (GROUND FLOOR), ILE 2, DHURWA, RANCHI-834004
 Phone: - 2400852, 2400851 Fax: - 0651-2400850, Website: - www.jspcb.org

Ref. JSPCB/392-06/2021/B-2633

Ranchi, Dated: - 19/12/2022

From

Y. K. Das
 Member Secretary

To

Regional Officer,
 Jharkhand State Pollution Control Board
 Regional Office, Jamshedpur

**Sub: Submission of verification report of compliances by unit M/s Shah sponge & Power Ltd.,
 Mouza - Juri/barasai, PS - Juri, Dist - E. singhbhum, Jharkhand - regarding.**

With reference to the above, this is to inform you that unit M/s Shah sponge & Power Ltd.,
 Mouza - Juri/barasai, PS - Juri, Dist - E. singhbhum, Jharkhand was asked to submit the
 compliance(s) vide this office letter memo No. B-2411 dated 22.11.2022.

Unit submitted reply vide dated 29.11.2022 alongwith enclosures, which is attached herewith
 for your reference.

You are, therefore, directed to inspect the unit in the light of reply submitted by the unit and
 send verification report (Pointwise) to this office, at the earliest.

Encl. A/A

(Y. K. Das)
 Member Secretary

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JHARKHAND STATE POLLUTION CONTROL BOARD
REGIONAL OFFICE-CUM-LABORATORY, MB/15 NEW HOUSING COLONY
ADITYAPUR, JAMSHEDPUR.

Web Site- jspcb.org/ Phone- 0657-2383241/ Fax- 0657-2383905

Verification report of compliances by M/s Shah Sponge & Power Ltd, At- Juri, P.O.- Hata, Dist-East Singhbhum

Inspection of the unit has been carried out by R.O. & S.T. on 27.12.2022 in light of direction issued vide H.Q. letter No.- B-2633 dt- 19.12.2022 Mr S.N. Jha, G.M was present during inspection. Point wise verification is as follows :-

Sl.	Observation	Verification report
1.	Data of Sox, NOx and PM not Found transmitted to JSPC Board Server from 2 x 100 TPD Sponge Iron Plant.	During inspection 2 x 100 TPD rotary kiln and power plant found in operation. Online continuous monitoring system for stack monitoring attached with ESP was also found in operation. Data attached at Annex-I.
2.	Torn out bags has to be removed to prevent leakage from kiln feeding and cooler discharge.	Leakage from kiln feeding has been in control. Leakage from cooler discharge has also controlled. The unit has changed the torn out bags. Purchase copy of bags of bag filter is herewith attached at Annex-II.
3.	Leakage from kiln cap of rotary kiln was found.	Leakage from kiln cap has been controlled. The unit representative informed that castable of kiln cap got damaged due to opening/closing of the cap to maintain pressure in kiln. They regularly repairing the damaged castables.
4.	More tree plantation is required.	The plantation along the boundary wall found. The unit representative informed that by March, 2023 they have planed to do tree plantation in 3.5 Acres and by March, 2024 It will be in another 2.2 Acres of land. Altogether 5500 trees will be planted outside the premises in own land. In last three months they have planted 500 No. of trees. It is necessary to take measures for good survival rate of plants.

Encl :- As above.

S.A. Khan
29.12.2022
(S.A. Khan)
S.T.

J.P. Singh
29.12.2022
(J.P. Singh)
Regional Officer.

Memo No.-1190..... Jamshedpur, dated29.12.2022.....
Copy to :- The Member Secretary, Jharkhand State Pollution Control Board, Ranchi for information and necessary action.

J.P. Singh
29.12.2022
(J.P. Singh)
Regional Officer.

J.P. Singh
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88	M/s Shah Sponage and Power ltd	Pigiron_120	OMGA2019087	PM	36.78	mg/Nm3	28-11-2022 11:46	2022-11-28T11:46:59Z
89	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	34.72	mg/Nm3	28-11-2022 11:45	2022-11-28T11:45:25
90	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	44.75	mg/Nm3	28-11-2022 11:33	28-11-2022 11:10
91	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.15	mg/Nm3	28-11-2022 11:31	2022-11-28T11:29:53Z
92	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.91	mg/Nm3	28-11-2022 11:30	28-11-2022 11:10
93	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.25	mg/Nm3	28-11-2022 11:30	28-11-2022 11:10
94	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	47.31	mg/Nm3	28-11-2022 11:18	28-11-2022 10:55
95	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.94	mg/Nm3	28-11-2022 11:16	2022-11-28T11:14:53Z
96	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	10.83	mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
97	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.94	mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
98	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.63	mg/Nm3	28-11-2022 11:15	28-11-2022 10:55
99	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	59.93	mg/Nm3	28-11-2022 11:07	28-11-2022 10:40
100	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	41.56	mg/Nm3	28-11-2022 11:05	28-11-2022 10:40
101	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	15.4	mg/Nm3	28-11-2022 11:05	28-11-2022 10:40
102	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.54	mg/Nm3	28-11-2022 11:04	28-11-2022 10:40
103	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	44.7	mg/Nm3	28-11-2022 10:53	28-11-2022 10:25
104	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	28.49	mg/Nm3	28-11-2022 10:52	28-11-2022 10:25
105	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.96	mg/Nm3	28-11-2022 10:51	28-11-2022 10:25
106	M/s Shah Sponage and Power ltd	Pigiron_120	OMGA2019087	PM	11.7	mg/Nm3	28-11-2022 10:46	2022-11-28T10:44:58Z
107	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.41	mg/Nm3	28-11-2022 10:46	2022-11-28T10:44:53Z
108	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	42.31	mg/Nm3	28-11-2022 10:37	28-11-2022 10:10
109	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	27.54	mg/Nm3	28-11-2022 10:36	28-11-2022 10:10
110	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.24	mg/Nm3	28-11-2022 10:35	28-11-2022 10:10
111	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.36	mg/Nm3	28-11-2022 10:30	2022-11-28T10:29:53Z
112	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	51.84	mg/Nm3	28-11-2022 10:17	28-11-2022 09:55
113	M/s Shah Sponage and Power ltd	Pigiron_120	OMGA2019087	PM	45.11	mg/Nm3	28-11-2022 10:16	2022-11-28T10:14:59Z
114	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	11.32	mg/Nm3	28-11-2022 10:15	28-11-2022 09:55
115	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.54	mg/Nm3	28-11-2022 10:15	28-11-2022 09:55
116	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	38.42	mg/Nm3	28-11-2022 10:07	28-11-2022 09:40
117	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	6.56	mg/Nm3	28-11-2022 10:05	28-11-2022 09:40
118	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	65.95	mg/Nm3	28-11-2022 10:05	28-11-2022 09:40
119	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.97	mg/Nm3	28-11-2022 10:04	28-11-2022 09:40
120	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.4	mg/Nm3	28-11-2022 10:04	28-11-2022 09:40
121	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	32.17	mg/Nm3	28-11-2022 09:50	28-11-2022 09:25
122	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	46.83	mg/Nm3	28-11-2022 09:50	28-11-2022 09:25
123	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	16.62	mg/Nm3	28-11-2022 09:49	28-11-2022 09:25
124	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	36.05	mg/Nm3	28-11-2022 09:46	2022-11-28T09:44:54Z
125	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	60.86	mg/Nm3	28-11-2022 09:36	28-11-2022 09:10
126	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.7	mg/Nm3	28-11-2022 09:35	28-11-2022 09:10
127	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.25	mg/Nm3	28-11-2022 09:31	2022-11-28T09:29:53Z
128	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	61.85	mg/Nm3	28-11-2022 09:20	28-11-2022 08:55
129	M/s Shah Sponage and Power ltd	Pigiron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	43.51	mg/Nm3	28-11-2022 09:20	28-11-2022 08:55
130	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	41.77	mg/Nm3	28-11-2022 09:19	28-11-2022 08:55
131	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	15.51	mg/Nm3	28-11-2022 09:19	28-11-2022 08:55
132	M/s Shah Sponage and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.08	mg/Nm3	28-11-2022 09:19	28-11-2022 08:55

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133	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	12.96 mg/Nm3	28-11-2022 08:40	28-11-2022 08:40
134	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.65 mg/Nm3	28-11-2022 09:50	28-11-2022 08:40
135	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	65.43 mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
136	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19 mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
137	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29.62 mg/Nm3	28-11-2022 08:45	28-11-2022 08:25
138	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	10.31 mg/Nm3	28-11-2022 08:31	28-11-2022 08:10
139	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	70.07 mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
140	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	18.91 mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
141	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.04 mg/Nm3	28-11-2022 08:30	28-11-2022 08:10
142	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	56.46 mg/Nm3	28-11-2022 08:17	28-11-2022 07:55
143	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	38.99 mg/Nm3	28-11-2022 08:16	2022-11-28T08:14:58Z
144	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.05 mg/Nm3	28-11-2022 08:16	2022-11-28T08:14:53Z
145	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	31.41 mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
146	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.44 mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
147	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	30.09 mg/Nm3	28-11-2022 08:15	28-11-2022 07:55
148	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	42.39 mg/Nm3	28-11-2022 08:03	28-11-2022 07:40
149	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	17.13 mg/Nm3	28-11-2022 08:00	28-11-2022 07:40
150	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.85 mg/Nm3	28-11-2022 08:00	28-11-2022 07:40
151	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	22.38 mg/Nm3	28-11-2022 07:46	28-11-2022 07:25
152	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.65 mg/Nm3	28-11-2022 07:46	2022-11-28T07:44:53Z
153	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	23.63 mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
154	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.55 mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
155	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.44 mg/Nm3	28-11-2022 07:45	28-11-2022 07:25
156	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	33.5 mg/Nm3	28-11-2022 07:33	28-11-2022 07:10
157	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	28.28 mg/Nm3	28-11-2022 07:32	28-11-2022 07:10
158	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	20.06 mg/Nm3	28-11-2022 07:31	28-11-2022 07:10
159	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	20.54 mg/Nm3	28-11-2022 07:31	2022-11-28T07:29:58Z
160	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29 mg/Nm3	28-11-2022 07:31	2022-11-28T07:29:53Z
161	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	19.86 mg/Nm3	28-11-2022 07:30	28-11-2022 07:10
162	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	35.75 mg/Nm3	28-11-2022 07:30	28-11-2022 07:10
163	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	58.21 mg/Nm3	28-11-2022 07:17	28-11-2022 06:55
164	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	40.66 mg/Nm3	28-11-2022 07:16	28-11-2022 06:55
165	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.48 mg/Nm3	28-11-2022 07:15	28-11-2022 06:55
166	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	20.85 mg/Nm3	28-11-2022 07:15	28-11-2022 06:55
167	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	49.71 mg/Nm3	28-11-2022 07:01	28-11-2022 06:40
168	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	47.44 mg/Nm3	28-11-2022 07:01	2022-11-28T06:59:58Z
169	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	29.73 mg/Nm3	28-11-2022 07:01	2022-11-28T06:59:53Z
170	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	4.4 mg/Nm3	28-11-2022 07:01	28-11-2022 06:40
171	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	31.62 mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
172	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	10.12 mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
173	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	34.53 mg/Nm3	28-11-2022 07:00	28-11-2022 06:40
174	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	38.11 mg/Nm3	28-11-2022 06:48	28-11-2022 06:25
175	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	37.51 mg/Nm3	28-11-2022 06:47	28-11-2022 06:25
176	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.68 mg/Nm3	28-11-2022 06:46	28-11-2022 06:25
177	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.48 mg/Nm3	28-11-2022 06:45	28-11-2022 06:25

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223	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	30.2 mg/Nm3	28-11-2022 04:17	28-11-2022 03:55
224	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	45.34 mg/Nm3	28-11-2022 04:16	2022-11-28T04:14:59Z
225	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	35.58 mg/Nm3	28-11-2022 04:16	2022-11-28T04:14:53Z
226	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	12.95 mg/Nm3	28-11-2022 04:15	28-11-2022 03:55
227	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	24.34 mg/Nm3	28-11-2022 04:15	28-11-2022 03:55
228	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	38.41 mg/Nm3	28-11-2022 04:03	28-11-2022 03:40
229	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	12.46 mg/Nm3	28-11-2022 04:02	28-11-2022 03:40
230	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	51.38 mg/Nm3	28-11-2022 04:02	28-11-2022 03:40
231	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	36.7 mg/Nm3	28-11-2022 04:01	2022-11-28T03:59:59Z
232	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	36.45 mg/Nm3	28-11-2022 04:00	28-11-2022 03:40
233	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	43.71 mg/Nm3	28-11-2022 03:48	28-11-2022 03:25
234	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	14.45 mg/Nm3	28-11-2022 03:47	28-11-2022 03:25
235	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.55 mg/Nm3	28-11-2022 03:46	2022-11-28T03:44:53Z
236	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	12.09 mg/Nm3	28-11-2022 03:45	28-11-2022 03:25
237	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	28.05 mg/Nm3	28-11-2022 03:45	28-11-2022 03:25
238	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	16.84 mg/Nm3	28-11-2022 03:30	28-11-2022 03:10
239	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	22.82 mg/Nm3	28-11-2022 03:30	28-11-2022 03:10
240	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	52.16 mg/Nm3	28-11-2022 03:18	28-11-2022 02:55
241	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	41.55 mg/Nm3	28-11-2022 03:16	2022-11-28T03:14:59Z
242	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	32.16 mg/Nm3	28-11-2022 03:15	2022-11-28T03:14:53Z
243	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	13.98 mg/Nm3	28-11-2022 03:15	28-11-2022 02:55
244	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.52 mg/Nm3	28-11-2022 03:15	28-11-2022 02:55
245	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	45.14 mg/Nm3	28-11-2022 03:03	28-11-2022 02:40
246	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	21.71 mg/Nm3	28-11-2022 03:02	28-11-2022 02:40
247	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	35.98 mg/Nm3	28-11-2022 03:01	2022-11-28T02:59:53Z
248	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	15.49 mg/Nm3	28-11-2022 03:00	28-11-2022 02:40
249	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	26.4 mg/Nm3	28-11-2022 03:00	28-11-2022 02:40
250	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	29.42 mg/Nm3	28-11-2022 02:48	28-11-2022 02:25
251	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX	14.42 mg/Nm3	28-11-2022 02:45	28-11-2022 02:25
252	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.08 mg/Nm3	28-11-2022 02:45	28-11-2022 02:25
253	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	56.33 mg/Nm3	28-11-2022 02:34	28-11-2022 02:10
254	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	23.63 mg/Nm3	28-11-2022 02:31	2022-11-28T02:29:53Z
255	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	21.69 mg/Nm3	28-11-2022 02:30	28-11-2022 02:10
256	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	35.51 mg/Nm3	28-11-2022 02:18	28-11-2022 01:55
257	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	45.79 mg/Nm3	28-11-2022 02:18	28-11-2022 01:55
258	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	38.31 mg/Nm3	28-11-2022 02:16	2022-11-28T02:14:53Z
259	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	31.02 mg/Nm3	28-11-2022 02:15	28-11-2022 01:55
260	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2	48.96 mg/Nm3	28-11-2022 02:04	28-11-2022 01:40
261	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM	32.21 mg/Nm3	28-11-2022 02:03	28-11-2022 01:40
262	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2	50.94 mg/Nm3	28-11-2022 02:02	28-11-2022 01:40
263	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	28.88 mg/Nm3	28-11-2022 02:01	2022-11-28T01:59:53Z
264	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM	17.16 mg/Nm3	28-11-2022 02:01	2022-11-28T01:59:58Z
265	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM	37.72 mg/Nm3	28-11-2022 02:00	28-11-2022 01:40

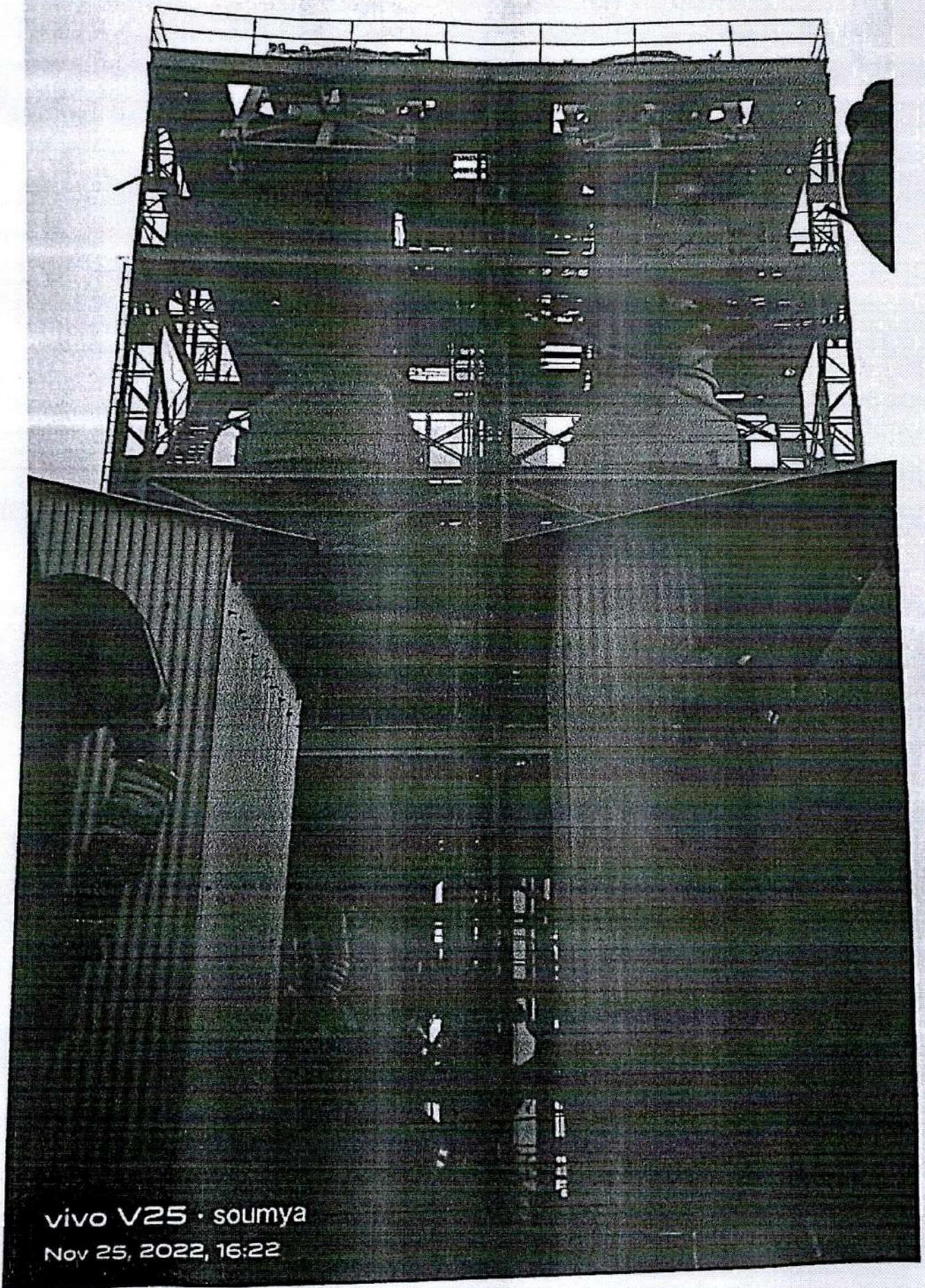
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266	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		22.44	mg/Nm3	28-11-2022 01:45	28-11-2022 01:25
267	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		32.11	mg/Nm3	28-11-2022 01:30	28-11-2022 01:10
268	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		48.24	mg/Nm3	28-11-2022 01:17	28-11-2022 00:55
269	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM		38.22	mg/Nm3	28-11-2022 01:16	2022-11-28T01:14:59Z
270	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX		16.4	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
271	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		28.74	mg/Nm3	28-11-2022 01:15	28-11-2022 00:55
272	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		61.02	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
273	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM		20.85	mg/Nm3	28-11-2022 01:03	28-11-2022 00:40
274	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	NOX		19.4	mg/Nm3	28-11-2022 01:01	28-11-2022 00:40
275	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		37.06	mg/Nm3	28-11-2022 01:00	28-11-2022 00:40
276	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		41.18	mg/Nm3	28-11-2022 00:49	28-11-2022 00:25
277	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	PM		36.84	mg/Nm3	28-11-2022 00:48	28-11-2022 00:25
278	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	SO2		11.05	mg/Nm3	28-11-2022 00:47	28-11-2022 00:25
279	M/s Shah Sponge and Power ltd	PigIron_120	OMGA2019087	PM		6.77	mg/Nm3	28-11-2022 00:46	2022-11-28T00:44:59Z
280	M/s Shah Sponge and Power ltd	Sponge_Iron2x100TPD	OMGA2019098	PM		21.86	mg/Nm3	28-11-2022 00:45	28-11-2022 00:25
281	M/s Shah Sponge and Power ltd	PigIron_120&Captive_Power_Plant_08MW	OMGA2019087	SO2		48.28	mg/Nm3	28-11-2022 00:34	28-11-2022 00:10


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