

**BEFORE THE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION NO. 418 of 2021
With
ORIGINAL APPLICATION NO. 447 of 2021**

IN THE MATTER OF:

Tilak Raj Adhana & Ors

...Applicant

Versus

State of Uttar Pradesh

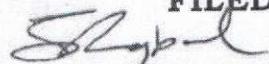
...Respondent

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Dated: - 31.10.2023

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MODINAGAR, DISTRICT GHAZIABAD (U.P) PURSUANT TO
THE ORDER DATED 02.11.2022 PASSED BY THIS HON'BLE
TRIBUNAL**

FOR INDEX

[KINDLY SEE INSIDE]

ADVOCATES FOR THE RESPONDENT –

SAURABH RAJPAL ADVOCATE

Filed on:- 31.10.2023

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MODINAGAR, DISTRICT GHAZIABAD (U.P) PURSUANT TO
THE ORDER DATED 02.11.2022 PASSED BY THIS HON'BLE
TRIBUNAL.**

MOST RESPECTFULLY SHOWETH:

1. That the captioned Original Application is a Letter Petition filed by one person namely Tilak Raj Adhana and others whereby, the allegations of emission of heavy smoke by the Modi Sugar Mills, Modi Nagar, Ghaziabad, Uttar Pradesh has been made. Further allegations have been made regarding the emission of foul smell from the Compost Fertilizer Plant in Modi Steel Plant. Pursuant to the said allegation, this Hon'ble Tribunal vide its order dated 25.01.2022 constituted a Joint Committee and directed

them to visit and look into the grievance and take remedial action in accordance with law.

2. That thereafter, pursuant to above order, a Joint Inspection Report dated 30.03.2022 was filed by the said Committee before this Hon'ble Tribunal and the matter was taken up for hearing on 21.07.2022 whereby, this Hon'ble Tribunal *inter-alia* was pleased to issue Notice to the Answering Respondent (M/s Modi Sugar Mills (Sugar Unit & Distillery Unit) Modinagar, District Ghaziabad (U.P).
3. That thereafter the answering Respondent appeared through its Counsel on 02.11.2022 before this Hon'ble Tribunal and sought time to file reply and the same was granted. Further this Hon'ble Tribunal vide its order dated 02.11.2022 directed to furnish specifically steps taken to comply the environmental norms as per the observation and recommendations of the Joint Committee. The relevant extract of the order dated 02.11.2022 is quoted herein below for ready reference:

“7. Mr. Saurabh Rajpal and Mr. Ashwin Garg, Advocates have appeared on behalf of the Project Proponents- M/s Modi Sugar Mills and M/s Modi Steel Plant and seek time to file reply/response on behalf of the Project Proponents. In their reply, the Project Proponents are required to furnish specifically steps taken to comply environmental norms as per the observations/recommendations of the Joint

Committee. In case, the Project Proponents have any objection to any particular observation in the report of the Joint Committee, such objection may be specifically stated by them in their reply....”.

4. That pursuant to above the present reply-cum-compliance is being placed by way of the present Common Reply by M/s Modi Sugar Mills and Distillery. The answering Respondent has carefully gone through the contents of the Letter Petition/ Original Application and Inspection Report, after having read and understood the contents thereof. Further the Letter Petition/Original Application does contain any facts and evidences qua the allegations made hence, the answering Respondent is filing the present Common Reply/Objection-cum Compliance to bring out the true and correct facts and documents on record for the proper adjudication of the present issue in hand.
5. The answering Respondent denies each and every averment, allegation, contention and submission made by the Original Applicant in the captioned Original Application (Letter Petition), unless the same are specifically admitted herein below.
6. That the answering Respondent herein Modi Industries Ltd. is a Company Registered under the Companies Act and Modi Sugar Mills is a Unit of Modi Industries Limited.

PRELIMINARY SUBMISSIONS

7. It is submitted that the captioned Original Application has been filed in the form of letter petition, without placing on record any documents and evidences in support of the allegation levelled against the answering Respondent and the said allegation are being made in order to harass the Answering Respondent and to tarnish the image of the answering Respondent which is an industrial unit working since 1933 when there was no residential area nearby.
8. It is submitted that the answering respondent has one working unit i.e., Modi Sugar Mill which is under running and working condition. However, the Distillation process of answering Respondent is non-operational since 06.05.2021 for the up-gradation purpose and the Steel Unit has already been shut since 1993. There are around 1500 workers/people and their families dependent on the answering respondent industry.
9. The answering respondent has all kinds of requisite permissions from the respective authorities such as, Consent-to-Operate, valid authorization under hazardous waste management, Environmental Clearance, etc. and the answering Respondent is a complete Zero Liquid Discharge

(ZLD) industry. At this juncture it is important to mention here that on 10.12.2021 Uttar Pradesh Pollution Control Board vide bearing Ref. No. 137967/UPPCB/Ghaziabad (UPPCBRO)/CTO/air/GHAZIABAD/2021 issued consent under Section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. Modi Sugar Mill a Unit of Modi Industries Ltd and the same is valid up to 31.12.2023 also granted to the Modi Distillery as well which was renewed on 09.12.2021 by the UPPCB. A copy of consent letter under Air Act dated 10.12.2021 and Modi Distillery dated 09.12.2021 is annexed herewith as **ANNEXURE R-1 (Colly)**.

10. That on 20.12.2021 Uttar Pradesh Pollution Control Board vide bearing Ref.No.138061/UPPCB/Ghaziabad(UPPCBRO)/CTO/water/GHAZIABAD/2021 renewed/issued the consent under Section 25/26 of the Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. Modi Sugar Mill a Unit of Modi Industries Ltd and the same is valid up to 31.12.2023 and also the Consent has been time to time renewed and granted to the Modi Distillery as well which was recently renewed on 09.12.2021

by the UPPCB. That further a consent and authorization was renewed and granted by the UPPCB recently on 23.01.2023. A copy of consent letter under Water Act dated 20.12.2021 of Modi Sugar Mill and Modi Distillery dated 09.12.2021 and a copy of CTO and Authorization of Modi Distillery dated 23.01.2023 granted by UPPCB is annexed herewith as **ANNEXURE R-2 (Colly)**.

11. That on 27.04.2020 Uttar Pradesh Pollution Control Board vide bearing Ref. No. 10978/UPPCB/Ghaziabad(UPPCBRO)/HWM/GHAZIABAD/2019 issued Authorization under the provision of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to M/s. Modi Sugar Mill a Unit of Modi Industries Ltd and the same is valid up to 26.04.2025. A copy of authorization letter under Hazardous and Other Wastes (Management and Transboundary Movement) Rules dated 27.04.2020 is annexed herewith as **ANNEXURE R- 3**
12. It is submitted that the answering Respondents are being inspected by the Authorities regularly and in fact being an oldest industry, the answering Respondent keep on getting the sample tested from the laboratories on various intervals

and was found within the prescribed parameters of the Government Authorities/Board. Moreover, the answering Respondent is equipped with all kinds of necessary pollution control devices such as, Effluent treatment plant, flow meters, lagoon, underground reservoir, environmental laboratory, wet scrubbing system etc. and same are fully functional. The presence and functioning of the said pollution controlling devices were duly verified by the Joint Committee constituted by this Hon'ble Tribunal vide its order dated 25.01.2022.

13. It is submitted that during the inspection, the joint committee observed that the unit of answering Respondent is completely working as per the norms and parameters of the board and there is no liquid discharge by the unit. In fact, the committee has taken a note that the press mud and ETP sludge is being provided to the local farmers as a manure and Boiler ash is being provided to the local contractors during the period when the unit is under operation (from month of November to May).
14. It is submitted that the joint committee appointed by this Hon'ble Tribunal has only pointed out contamination in the groundwater samples collected from Borewell-I, located near

sugarcane area and hand pump located near bio compost yard in Distillery section and further pointed out deteriorated condition of drain at downstream location however, no bypass of industry affluent (sugar/distillery) was observed from the boundary wall into the drain during inspection. At this juncture, it is pertinent to note that the answering Respondent unit is installed with flow meters and cameras which clearly depicts that the unit is not discharging any of its Effluent or waste into it. In fact, the sewage discharge from the residential colonies of whole town falls into the said drain. The cleaning of the said drain is not done regularly by Nagar Palika Parishad, Modinagar which results into the accumulation of sewage and release of foul smell from the said sewage drain.

15. It is further submitted that every month, the answering Respondent obtains analysis report of waste water flowing into the drain from the approved laboratory. The result of the said report is always found within the prescribed parameters and same are submitted to the CPCB Delhi and UPPCB Lucknow every month.
16. It is further pertinent to mention that the Answering Respondent have already installed and commissioned ETP

system up to the tertiary level. Spray pond water is being treated with milk of lime solution and overflow excess water of spray pond is being treated along with effluent at ETP. After installing of the ETP augmentation and up gradation up to tertiary treatment level system, the Answering Respondent are achieving results of BOD, TSS and PH etc. as per the norms. Moreover, the Answering Respondent are maintaining the condition of Zero Liquid Discharged (Z.L.D) under any circumstances.

17. It will not be out of the way to mention here that the team of CPCB Officials & UPPCB Officials inspected our Effluent Treatment Plant a number of times & collected the samples of effluent during the Cane Crushing Season & the results of analysis report of samples collected by the Officials at the time of inspection, were always found within the parameters prescribed by the Pollution Control Board.
18. That the Operation of our Effluent Treatment Plant is equipped with Online Monitoring of Industrial Emission & Effluent System which is directly connected with the main Server of CPCB Delhi & UPPCB Lucknow. The Officials of CPCB Delhi & UPPCB Lucknow regulate the performance of

our ETP at their own end at Delhi & Lucknow office respectively.

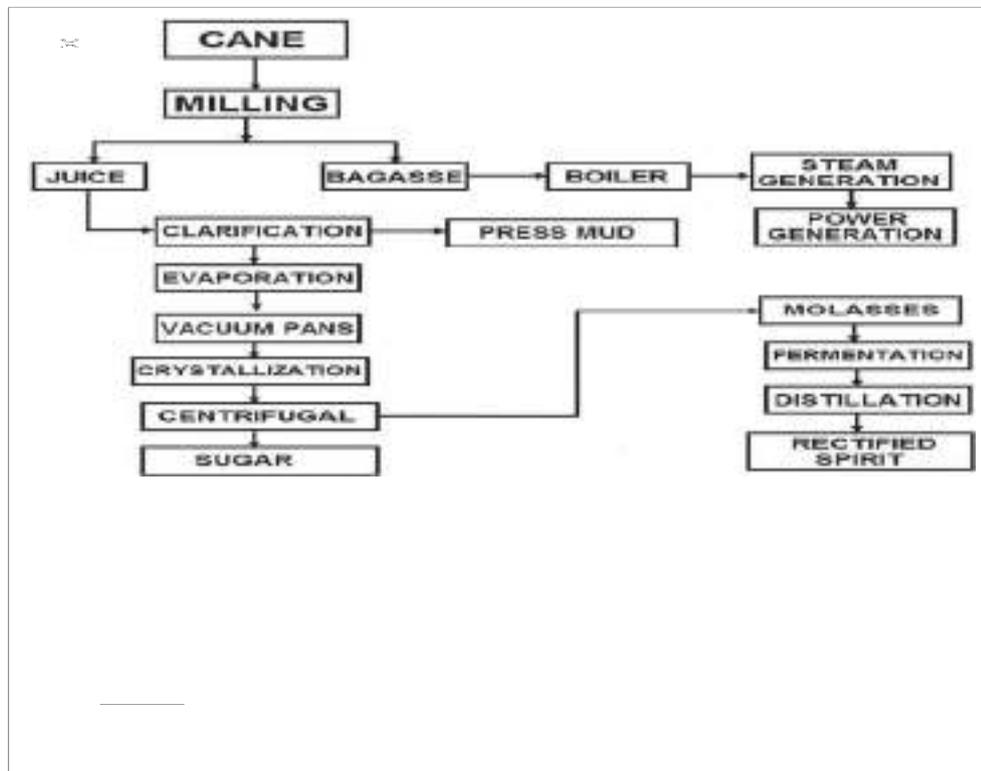
19. Since our Effluent Treatment Plant is working smoothly & very effectively during the cane crushing season and taking into consideration the inspection report of Officials of Pollution Control Board, the answering Respondent has been always granted Consent-to-Operate by the Officials of UPPCB, Lucknow, Under the Provisions of Water (Prevention & Control of Pollution), Act – 1974 and Air Act, 1981 from time to time and present CTO is valid up to 31.12.2023. Moreover, the Unit is also having valid authorization issued under the provisions of hazardous and other wastes (Management and Trans-Boundary Movement) Rules, 2016 for storage and disposal of hazardous and wastes valid up to 26.04.2025.

FACUTUAL MATRIX

20. The Answering Respondent is working in the name and style of (M/s Modi Sugar Mills having two separate units (i.e., Sugar Unit & Distillery Unit) having respective requisite permissions. The Sugar Mill Industry was established at Modi Nagar in the year of 1933 and the Modi Distillery was established in the year of 1959. During the

said time, the entire surrounding area of Modi Sugar Mills was not developed and inhabited.

21. After the establishment of the Answering Respondent, the up-gradation of capacity was done and the present consented capacity of Sugar Mill is 5000 TCD using Sugarcane. Further, the Answering Respondent is also installed its ETP (Effluent Treatment Plant) in the year 1993 and the same is treating the effluent effectively and as per norms. It is worthwhile to mention that the Answering Respondent is utilizing all the treated effluent in its own Sugar Plant as being a ZLD unit. Moreover, the sugar unit is under operation from the month of November to May every year.
22. That at this Juncture, it would be relevant to place the process involved in the Sugar Industries while making the sugar from sugarcane. The following chart depicts the process involved and the residue from the Sugar Mill.



In view of the above process, it is amply clear that there are majorly three residues (i.e., Bagasse, Press Mud and Molasses). Bagasse is completely used in boiler for power generation to run the plant and the Molasses is being used by the Distillery for manufacturing of Alcohol. However, at present the entire Molasses is being sold to other units as the distillation process is not in operation since 06.05.2021. Further, the Press Mud is being given to the local farmers to use the same as organic manure.

**COMPLIANCE AND REPLY TO
OBSERVATION/RECOMMENDATION OF THE
COMMITTEE AS PER THE DIRECTIONS VIDE ORDER
DATED 02.11.2022.**

23. That the Joint Committee inspected the area on 30.03.2022 and gave its recommendations vide its report dated 20.05.2022 and the same are compiled and duly followed by the Answering Respondents in addition to the precaution and prevention being undertaken by the Answering Respondents Unit. The following are the compliances made by the Unit:

RECOMMENDATIONS OF THE COMMITTEE ALONGWITH ITS COMPLIANCE BY THE UNIT (ANSWERING RESPONDENTS).

Sugar Unit

- 1. It is recommended that the unit shall install flow meters at various water recycling locations to measure water consumptions as specified in sugar charter.***

In compliance to **Recommendation No. 1**, it is submitted that the 12 flow meters have been installed at various water recycling locations to major water consumption in Sugar Charter. The said 12 Flow Meters were installed in addition to the already installed 6 flow meters prior to the

inspection of the joint Committee. The details of Flow Meters are mentioned herein below:

12 Flow Meters

a.) Sulphur Furnace Cooling Water	=	01 No.
b.) Vacuum Pump Cooling Water	=	01 No.
c.) Air Compressor Cooling Water	=	01 No.
d.) Hot Water to MOL Tank	=	01 No.
e.) Hot Water to Centrifugal Machine	=	01 No.
f.) Mill Bearing Cooling Water	=	01 No.
g.) Fibrizer Turbine Cooling Water	=	01 No.
h.) Power Turbine Cooling Water	=	03 Nos.
i.) Masecuite Cooling Water	=	01 No.
j.) Boiling House Gland Cooling Water	=	01 No.

6 flow Meters

i) At Discharge Point of Two Borewell	=	02 Nos.
ii) Excess Process condensate to Cooling Tower	=	01 No.
iii) Spray Pond water to wet Scrubber	=	01 No.
iv) Excess over flow water of Spray Pond to ETP.	=	01 No.
v) Combined Effluent sent to ETP	=	01 No.

A copy of the Purchase Order of the Flow Meter and Photographs of the Flow Meter and Log Book of Flow Meters are annexed herewith and marked as **ANNEXURE-R-4(Colly)**.

- The unit shall install flow meter at the Outlet of treated water storage lagoon to quantify the treated water consumption in horticulture and maintain record of the same.**

In compliance to **Recommendation No. 2**, it is submitted that the Unit in question have installed Flow Meter at the

outlet of treated water storage lagoons to quantify to treated water consumption in recycling into the Plant and Horticulture.

A copy of the Log book of Flow Meters, ETP Log Book of Flow Meter and Photographs Treated Water lagoons Storage Flow Meter are annexed herewith and marked as **ANNEXURE-R-5 (Colly)**.

3. ***The unit shall maintain the desired MLVSS/MLSS ratio of 0.70 to 0.80 in aeration tank.***

In compliance to **Recommendation No. 3**, it is submitted that the Unit of Answering Respondents is maintaining the desired MLVSS/MLSS ratio of 0.70 to 0.80 in Aeration Tank. A copy of the analysis report depicting the ratio recommended by the Committee is annexed herewith and marked as **ANNEXURE-R-6**.

4. ***The unit shall ensure proper operation & maintenance of ETP and also ensure proper stabilization of ETP.***

In compliance to **Recommendation No. 4**, it is submitted that the Unit is ensuring is proper operation and maintenance of ETP and also stabilization of ETP which is checked and verified by the authorities (UPPCB and CPCB) time to time.

5. ***The contamination in Ground Water has been observed, hence it is recommended that Uttar Pradesh Ground***

Water Department may be asked to look into the matter, and arrangement for deep bore-well for drinking water shall be made.

In compliance to **Recommendation No. 5**, it is submitted that the bore wells are found within the norms which can be duly inspected and verified from the department. Moreover, the Answering Respondents has also carried out the analysis from three different NABL Aggregated Laboratories and the parameters were found within the prescribed limit. Furthermore, the Unit has also submitted the representation dated 26.11.2022 to the Executive Engineer, Nodal Officer, Ground Water Portal apprising the person regarding the analysis being made by the Sugar Unit and Distillery Section. A copy of the Letter dated 26.11.2022 along with the analysis report of the Authorities from 23.03.2019 to 24.11.2022 is annexed herewith and marked as **ANNEXURE -R-7 (Colly)**.

6. ***The unit shall ensure consistent compliance of the notified standards in MoEF&CC Notification G.S.R. 35(E) dated 14th January, 2016.***

In compliance to **Recommendation No. 6**, it is submitted that the Unit in question has ensured the compliance of the said Notification and the limits prescribed in the Notification are being duly complied. It is further submitted

that at present the Unit of the Answering Respondents has ETP with a capacity of 1000 M³ in compliance of the Notification dated 14.01.2016 been increased. Further the same has been informed to the officials of UPPCB and CPCB. A copy of the Letter dated 07.09.2021 sent to the UPPCB and CPCB is annexed herewith and marked as **ANNEXURE R-8.**

7. ***The unit shall ensure the absolute treatment of sugar effluent and its reuse in process without any failure and also ensure that no untreated/partially treated effluent shall be discharged outside the premises.***

In compliance to **Recommendation No. 7**, it is submitted that the Sugar Unit is already recycling the whole treated effluent in the Plant with any failure. It is pertinent to note that no untreated/partially treated is being discharged outside the premises under any circumstances. In fact the observation of the Committee at para 3 itself observed that there is no bypass of industrial effluent (Sugar/Distillery) from the boundary wall into the drain.

8. ***Unit must ensure the proper storage of bagasse to avoid ambient air pollution due to floating bagasse particles.***

In compliance to **Recommendation No. 8**, it is submitted that the Sugar Unit of the Answering Respondent has already proper storage area to hold the bagasse and to

further avoid any type of floating bagasse particles, the Unit has increased the height of adjacent boundary wall to further prevent any type of floating particles. A copy of the photographs depicting the covering of outlet of Bagasse discharge area is annexed herewith and marked as **ANNEXURE R-9.**

5.2 Distillery Unit

- 1. The unit shall concentrate all its raw spent wash stored in tank of 50 KL and Biomethanated spent wash (BMSW) stored in lagoon of capacity 2900m³ through MEE to achieve 30% solid concentration and the concentrated spent wash shall be used for biocomposting.**

In compliance to **Recommendation No. 1**, it is submitted that the Distillery Unit of Answering Respondent has already taken steps to concentrate all its spent wash stored in tank of 50KL and Bio-methanated spent wash stored in lagoon of 2900 M³ through MEE (Multi Effect Evaporator) process in the month of April' 2022.

The MEE has achieved 30% solid concentration at the time of BMSW concentration. The Concentrated spent wash was used in making Bio Compost. A copy of MEE Record and Bio Composting Report are attached herewith and marked as **ANNEXURE R-10 (Colly).**

2. ***Since the unit is under the process of switching its molasses based distillery to grain based distillery now therefore, the unit shall dismantle/level/fill the lagoon of capacity 2900m³ after utilization of accumulated spent wash in bio-composting.***

In compliance to **Recommendation No. 2**, it is submitted that the Distillery Unit of Answering Respondent after utilizing the Spent Wash in Bio Composting, has dismantled as well as filled the Lagoon of Capacity 2900 M³. A copy of Photographs of empty as well as after filling of the Lagoon annexed herewith and marked as **ANNEXURE R-11**

3. ***The unit shall commence its grain based distillery only after obtaining valid consent from UPPCB.***

In compliance to **Recommendation No. 3**, it is admitted fact that the Distillery Unit shall start grain based Distillery only after obtaining the valid consent from UPPCB, Lucknow.

24. That it is further pertinent to mention that the answering Respondent applied under the RTI for Test Results conducted by the CPCB during 06.03.2023 to 16.03.2023 through Centre for Environment and food Technology which also depicts the parameters are within the limits. A copy of Test Report Conducted by the CPCB through the Centre for

Environment and Food Technology Pvt. Ltd. is annexed herewith and marked as **ANNEXURE R-12**

25. That, in view of the above facts and circumstances of the case and the answering Respondent is committed to make compliance of environmental norms and is taking all due precautions and steps with respect to the protection of Environment. It is therefore humbly prayed that the captioned original Application may be disposed of in accordance with law.
26. That the answering Respondent further reserve its right to file additional reply as and when required by this Hon'ble Tribunal.
27. That the affidavit in support of this Common Reply is being filed along with this Reply.

FILED BY:


SAURABH RAJPAL
ADVOCATE.

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MOB:-9971792885**

E-MAIL: -advocatesaurabhrajpal@gmail.com

New Delhi
Dated: 31.10.2023



Government of Uttar Pradesh

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 ORIGINAL APPLICATION NO. 447 of 2021**

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Versus
 State of Uttar Pradesh & Ors ...Respondent

AFFIDAVIT

I, Rajendra Pal Singh, S/o. Shri Churaman Singh, Aged About 65 years, R/o. House No. - 774, Sector-29, Near Petrol Pump, Faridabad, Haryana do hereby solemnly affirm and declare as under:-

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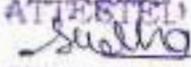
-2-

1. That I am Authorized Representative of M/s Modi Sugar Mills Unit, Modinagar, District Ghaziabad (U.P) and am well conversant with the facts and circumstances of the case and thus competent to swear this affidavit.
2. That the accompanying reply has been drafted by my Counsel under my instruction based on knowledge and I affirm that statement of facts made herein are true and correct to my knowledge.
3. That the contents of the said reply be read as part of this affidavit and same are not repeated here for the sake of brevity.


DEPONENT
**VERIFICATION**

Verified at Modinagar on this 31st day of October, 2023 that the contents of my aforesaid affidavit are true and correct to my knowledge. No part of it is false nor anything material has been concealed therefrom.


DEPONENT

ATTESTED

 RUTHIA RANI

Advocate

No. 12/2023

Tehsil Modinagar

Ghaziabad

31 OCT 2023



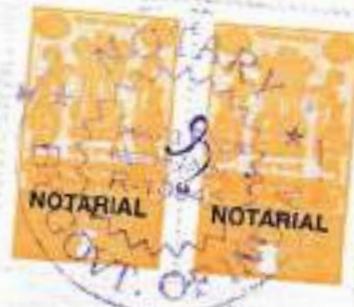
332

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Versus
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AFFIDAVIT

I, Rajeev Gupta, S/o. Shri Mahendra Kumar Gupta, Aged About 52 years, R/o. E-118, Saya Zion , Gaur City -I, Sector-IV, Greater Noida do hereby solemnly affirm and declare as under:-

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- 1. The authenticity of this Stamp certificate should be verified at www.eshastamp.gov.in/ or using e-Stamp Mobile App of Work Holding Agency (party) at the details on this Certificate and as available on the website / Mobile App under E-stamp.
- 2. The legal effect of striking the legitimacy is on the user of the certificate.

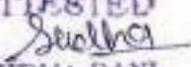
Rajeev

-2-

1. That I am Authorized Representative of M/s Modi Distillery Unit, Modinagar, District Ghaziabad (U.P) and am well conversant with the facts and circumstances of the case and thus competent to swear this affidavit.
2. That the accompanying reply has been drafted by my Counsel under my instruction based on knowledge and I affirm that statement of facts made herein are true and correct to my knowledge.
3. That the contents of the said reply be read as part of this affidavit and same are not repeated here for the sake of brevity.


DEPONENT
**VERIFICATION**

Verified at Modinagar on this 31st day of October, 2023 that the contents of my aforesaid affidavit are true and correct to my knowledge. No part of it is false nor anything material has been concealed therefrom.


DEPONENT
ATTESTED

SUDHA RANI

Advocate

Notary Public

 in & at Modinagar
 Ghaziabad

31 OCT 2023



334

ANNEXURE-R/1 (colly)

27

UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010 25

Phone:0512-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. -
137967/UPPCB/Ghaziabad(UPPCBRO)/CTO/air/GHAZIABAD/2021

Dated : 10/12/2021

To ,

Shri DS REDDY
M/s MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD
MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD, MODINAGAR,
GHAZIABAD,GHAZIABAD,201204
GHAZIABAD

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD

Reference Application No. 13589339

Dated : 10/12/2021

1. With reference to the application for consent for emission of air pollutants from the plant of M/s MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 01/01/2022 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.
This consent is being issued with the permission of competent authority .

VIVEK ROY Digitally signed by VIVEK ROY Date: 2021.12.20 16:42:11 +05'30'

For and on behalf of U.P. Pollution Control Board

CEO
C-1.

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, U.P. Pollution Control Board, Ghaziabad.

VIVEK ROY Digitally signed by VIVEK ROY Date: 2021.12.20 16:40:41 +05'30'

CEO
C-1.

CONDITIONS OF CONSENT

1. This consent is valid for the approved production capacity of cane crushing cane crushing 5000 TCD producing Sugar crystal- 450 MT/day and by product Molasses -225 MT/day, Bagasse-1500 MT/day and Pressmud-180 MT/day .
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
- 3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

3(b) . Air Pollution Source Details.

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	35 TPH and 25 TPH Boiler	Bagasse	2	Particulate Matter	Combined 40 mt. stack height from the G.L with venturi scrubber
2	2X 35 TPH Boiler	Bagasse	1	Particulate Matter	Combined 40 mt. stack height from the G.L with venturi scrubber

- 3(c) . The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	2	Particulate Matter	As per EP Act 1986
2	1	Particulate Matter	As per EP Act 1986

- The industry should be operated in such a manner that it does not adversely affect the environment and the solid waste generated such as ash etc. is disposed in eco friendly manner .
5. Any source of emission other than that mentioned in the Air consent seeking application will not be permitted by the Board .
 6. The industry should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission conforms with the standards prescribed under the E.P Act 1986 as amended.
 7. The industry shall submit Environmental Statement in prescribed format as per rule no.14 as per E.P Rules 1986 .
 8. The industry shall abide by orders / directions issued by Hon'ble Supreme court Hon'ble High Court, Hon'ble National Green tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time .
 9. Industry shall submit monthly monitoring reports of all stacks and ambient air quality from a certified / approved laboratory under E.P. Act 1986 ,
 10. The industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
 11. The industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB and SPCB .

12. The unit shall submit audited balance sheet of the current year and the details of fees deposited during last three years within a month failing which consent would be deemed void.
13. The use of Pet coke and Furnace oil as a fuel in the factory is restricted in compliance of the Hon'ble Supreme court order .
14. The Industry will use minimum 20% Bio Briquette as fuel in the Boiler depending upon its availability .
15. The industry shall obtain prior consents in the event of any addition of new emission generation sources such as- Boiler/ Furnace/ Heaters/ D.G. Sets or alteration of existing emission sources in accordance with section- 21/22 of air Act 1981 (as amended respectively).
16. Minimum 33% of the land on which industry is established will be covered and properly maintained by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H-16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL http://www. uppcb. com /pdf/Green-Belt-Guidle_160218.pdf .
17. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order .
18. Industry shall abide by the directions given by Hon'ble Court, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time .

The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

- 1- The industry should follow the directions issued by the Ministry of Environment Forest and Climate Change, Delhi vide Notification no. GSR 35(E) dated 14/01/2016.
- 2- The unit shall submit the point wise compliance report of the previous CTO issued by the Board within a month failing which consent would be deemed void.
- 3- The overall noise levels in and around area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc, on all sources of noise generation. The ambient noise level shall conform to the standards under the Environment (Protection) Act 1986.
- 4- The Industry shall dispose the hazardous waste through authorized recyclers/TSDF and comply with the provisions of Hazardous and Other Wastes (Management and Trans-boundary Movement) Amendment Rules, 2016 and The Plastic Waste Management Rules, 2016 as amended.
- 5- The industry shall only use PNG as fuel once PNG pipeline is available in that industrial area.
- 6- In compliance of the provisions of the Plastic Waste Management Rules 2016 as amended, the industry shall submit the Extended Producer Responsibility (EPR) for the disposal of Plastic waste generated within a month failing which consent would be deemed void.
- 7- The unit shall obtain No Objection Certificate (NOC) from the CGWA or the competent authority for abstraction of groundwater within six months failing which this CTO shall stand automatically revoked.
- 8- Unit shall deposit the Environmental Compensation of Rs. 2,00,000/- (Rs. Two Lakh only) in Board account within one month, which is imposed through Board letter No. H 63121/C-1/G-91/Show Cause Notice/2021 dated 06.07.2021
- 9- The unit shall submit the copy of Certificate of Registration in compliance of the section no. 11 of The Uttar Pradesh Ground Water (Management and Regulation) Act, 2019 (U.P. Act No-13 of 2019) for existing users of ground water in notified areas within six months failing which this CTO shall stand automatically revoked

Issued with the permission of competent authority .

VIVE
K
ROY

For and on behalf of U.P. Pollution Control Board .

**CEO
C-1.**



337

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UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

28

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. -
142491/UPPCB/Ghaziabad(UPPCBRO)/CTO/air/GHAZIABAD/2021

Dated : 09/12/2021

To ,

Shri RAJEEV GUPTA
M/s MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD
MODI DISTILLERY(A UNIT OF MODI INDUSTRIES LTD) MODI NAGAR,
GHAZIABAD(U.P),GHAZIABAD,201204
GHAZIABAD

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD

Reference Application No. 14131475

Dated : 09/12/2021

1. With reference to the application for consent for emission of air pollutants from the plant of M/s MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 01/01/2022 to 31/12/2022 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Prevention and Control of Pollution) Act, 1981 as amended.

This consent is being issued with the permission of competent authority .

VIVEK ROY Digitally signed
by VIVEK ROY
Date:
2021.12.09
16:16:01+05'30'

For and on behalf of U.P. Pollution Control Board

CEO-1

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, UPPCB, Ghaziabad.

VIVEK ROY Digitally signed
by VIVEK ROY
Date: 2021.12.09
16:16:16 +05'30'

CEO-1

Dated : 09/12/2021

CONDITIONS OF CONSENT

1(a). The details of Air pollution sources and stacks attached with Boiler

Air Pollution Source Details					
S.No	Air Pollution Source	Type of Fuel	Stack No.	Parameters	Height
1	5 TPH Boiler	Bio gas/Bagasse	1	Particulate Matter	30 meter stack height with multi cyclone and bag filter

1(b) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	Stack No	Parameter	Standard
1	1	Particulate Matter	As per EP Act, 1986

- The equipment for air pollution control system and monitoring, as proposed by the industry and approved by the Board should be installed in their premises itself.
- Industry shall dispose the incineration boiler ash in such a manner so that there should not be any adverse impact on public health at large and on Soil, Water & Air environment.
- The modification or installation in the existing pollution control equipment shall be done only by prior approval of the Board.
- The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants shall be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory.
- Unit shall do provisions for control of fugitive emissions from process as per the norms of the Board/MOEF & CC/or otherwise mandatory.
- The unit shall submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order. Further quarterly monitoring report analysed by Board/NABL accredited laboratory shall be submitted.
- In case of closure directions under section-5 of E (P) Act, 1986 issued by CPCB, this consent will be automatically suspended during the closure period, and will be automatically reinstated with specific conditions as per CPCB revocation orders.
- Industry shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com.
- Industry shall submit Environment Statement to this Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.
- Industry shall abide by orders / directions issued by Hon'ble Supreme court, Hon'ble High Court, Hon'ble National Green tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time.

The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. The Unit shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
2. The Unit shall dispose the hazardous waste through authorized recyclers/TSDf and comply with the provisions of Hazardous and Other Wastes (Management and Trans-boundary Movement) Amendment Rules, 2016 and The Solid Waste Management Rules, 2016.
3. The Unit shall submit the point wise compliance report of the conditions imposed in the CTO/CTE issued by the Board earlier and the audited balance sheet for the current year and the details of fees deposited within a month failing which consent would be deemed void.
4. This consent is only valid for emission generated from 5 TPH biogas/bagasse based boiler. Project shall obtain CTE before installing any other source of emission .
5. The Unit shall develop proper green belt and rain water harvesting system as per guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and maneuvering arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.
6. This consent is valid only for products and quantity mentioned above. The Unit shall obtain prior approval before making any modification in product/process /fuel/ Plant machinery failing which consent would be deemed void.
7. The Unit will ensure the continuous and uninterrupted data supply from the OCEMS to the CPCB server.
8. If the CPCB or UPPCB issues the Closure order against the Unit this consent order stands automatically suspended for that period.
9. The Unit shall abide by orders / directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board, Commission for Air Quality Management and U.P Pollution Control Board for protection and safe guard of environment from time to time.
10. This CTO shall be valid only for molasses based operation. and not for grain based or dual feed system operation. The unit shall have to seek separate CTO application for grain based or dual feed system operation.
11. Unit shall comply with the order dated 30.01.2020 of Hon'ble NOT m O.A. no. 820/2019 President sarvjan kalyan vikas samiti, Ghaziabad Vs State of U .P.
12. Unit shall ensure continuous use of mosquitos, flies repellent and anti-odor masking agents in the compost area.
13. Unit shall comply with directions issued by HO vide letter no. H 63722/C-1/Jal/ G-89/KA. B.NO.- Nikshep/2021, dated 22.07.2021.

Issued with the permission of competent authority .

VIVEK ROY Digitally signed
by VIVEK ROY
Date: 2021.12.09
16:16:25 +05'30'

For and on behalf of U.P. Pollution Control Board .

CEO-1



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ANNEXURE-33-R/2 (copy)

UTTAR PRADESH POLLUTION CONTROL BOARD

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

31

CONSENT ORDER

Ref No. - 138061/UPPCB/Ghaziabad(UPPCBRO)/CTO/water/GHAZIABAD/2021

Dated : 20/12/2021

To ,

Shri DS REDDY
M/s MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD
MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD, MODINAGAR,
GHAZIABAD,GHAZIABAD,201204
GHAZIABAD

SUBJECT: Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD

Reference Application No :13604475

Dated :20/12/2021

- 1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act) M/s. MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
2. This consent is valid for the period from 01/01/2022 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .
This consent is being issued with the permission of competent authority .

VIVEK ROY Digitally signed by VIVEK ROY Date: 2021.12.20 18:00:11 +05'30'

For and on behalf of U.P. Pollution Control Board

CEO
C-1.

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, U.P. Pollution Control Board, Ghaziabad.

VIVEK ROY Digitally signed by VIVEK ROY Date: 2021.12.20 18:00:11 +05'30'

CEO
C-1.

Annexure to Consent issued to M/s.MODI SUGAR MILLS A UNIT OF MODI INDUSTRIES LTD vide

Consent Order No. 13604475/ Water

Dated : 20/12/2021

CONDITIONS OF CONSENT

1. This consent is valid for the approved production capacity of cane crushing 5000 TCD producing Sugar crystal- 450 MT/day and by product Molasses -225 MT/day, Bagasse-1500 MT/day and Pressmud-180 MT/day .
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
3. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,Kl/day	Treatment facility and discharge point
1	Domestic	40 KLD	Septic Tank
2	Industrial	450 KLD (Entire treated water will be used in venture scrubber, spray pond, cooling and for irrigation purposes)	ETP

4. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4(a) The domestic effluent should be treated in the treatment plant so that it should be in conformity with the norms of treated effluent as stipulated in E.P. Rules 1986 as amended.

Domestic Effluent		
S.No	Parameter	Standard
1	BOD	As per EP Act 1986
2	COD	As per EP Act 1986
3	Oil & Grease	As per EP Act 1986
4	Total Suspended Solids	As per EP Act 1986
5	Quantity of Discharge	40 KLD

- 4(b) The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the standard lay down under the notification issued by MOEF&CC vide its GO no GSR 35 (E) dated 14/01/2016.

Industrial Effluent		
S.No	Parameter	Standard
1	Total Suspended Solids	As per EP Act 1986
2	BOD	As per EP Act 1986
3	COD	As per EP Act 1986
4	Oil & Grease	As per EP Act 1986
5	Quantity of Discharge	450 KLD (Entire treated water will be used in venture scrubber, spray pond, cooling and for irrigation purposes)

4(c) Loading Rates for different soil textures.

S.No	Soil Texture	Loading rate in m ³ /Ha/Day
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5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Rules, 1986 or otherwise mandatory.
6. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/ standards prescribed under the Environment (Protection) Act, 1986.
7. The industry shall establish the cooling arrangement and polishing tank for recycling the excess condensate water to process or utilities or allied units.
8. Effluent Treatment Plant to be stabilized one month prior to the start of the crushing season and continue to operate one month after the crushing season.
9. During no demand period for irrigation, the treated effluent to be stored in a seepage proof lined pond having 15 days holding capacity only.
10. The industry shall implement treated effluent flow distribution measurement for irrigation purposes completely in accordance with irrigation plan.
11. The impact of treated effluent application on land is to be included further in E.I.A. studies, involving ground water monitoring point identified in close proximity to the unit.
12. The industry will have to ensure compliance of the permission from the CGWA before ground water extraction and it will be the responsibility of the industry to comply with the various conditions of the permission taken.
13. The industry shall submit Environmental Statement in prescribed form V rule no.14 of E.P Rules 1986.
14. The industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
15. Minimum 33% of the land on which unit is established will be covered and properly maintained by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H-16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL http://www.uppcb.com/pdf/Green-Belt-Guidle_160218.pdf.
16. The industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB and SPCB .
17. Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized. The unit will ensure facility to transmit data to CPCB server and submit a regular calibration certificate of Electro Magnetic Flow meter to the Board.
18. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.
19. Industry shall abide by the directions given by Hon'ble Court, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time.
20. The Unit will file the renewal application at least 2 months prior to the expiry of this Order

Specific Conditions:

1. The industry should ensure the operation of the ETP in such a manner that it confirm the standards lay down under the notification issued by MOEF&CC vide its GO no GSR 35 (E) dated 14/01/2016.
2. The industry shall maintain strict supervision upon fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant and the E.T.P. unit operation line up Strengthening is to be maintained.
3. The total treated industrial effluent (450 KLD) will be used in venturi scrubber, spray pond, cooling and for irrigation purposes and no industrial effluent will be discharge in to any surface body source.
4. E.I.A. studies shall include comprehensive study of water & waste water balance in Addition to the adequacy studies of E.T.P. relating to pollution load reduction impacts after implementation of treatment technology & discharge of treated effluent completely for irrigation purposes in place of discharge on surface water body.
5. The newly provided treated effluent storage tank with 15 days holding capacity shall be connected to E.T.P. unit operations & integrated with tertiary treatment stage.
6. The industry shall ensure deployment of qualified to step up self monitoring mechanism on 24 x7 Hours basis.
7. The Unit shall submit the point wise compliance report of the conditions imposed in the CTO issued by the Board for year 2019 and the audited balance sheet for the current year and the details of fees deposited within a month failing which consent would be deemed void.
8. The industry shall deploy self monitoring task force to strictly observe & monitor treated effluent discharge restriction on surface water body located in its proximity.
9. The industry shall also explore treated effluent re-cycle mechanism in furtherance to the application of treated effluent on land as a significant alternative mode of re-cycle. This step shall in turn reduce hydraulic loading of effluent discharge as well as shall eliminate extraneous treated effluent discharge possibility elsewhere.
10. In compliance of the provisions of the Plastic Waste Management Rules 2016 as amended, the industry shall submit the Extended Producer Responsibility (EPR) for the disposal of Plastic waste generated within a month failing which consent would be deemed void.
11. This consent is valid only for products and quantity mentioned above. The Industry shall obtain prior approval before making any modification in product/process/fuel/ plant machinery failing which consent would be deemed void.
12. The overall noise levels in and around area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc, on all sources of noise generation. The ambient noise level shall confirm to the standards under the Environment (Protection) Act 1986.
13. The unit shall obtain No Objection Certificate (NOC) from the CGWA or the competent authority for abstraction of groundwater within six months failing which this CTO shall stand automatically revoked.
14. Unit shall deposit the Environmental Compensation of Rs. 2,00,000/- (Rs. Two Lakh only) in Board account within one month, which is imposed through Board letter No. H 63121/C-1/G-91/Show Cause Notice/2021 dated 06.07.2021
15. The unit shall submit the copy of Certificate of Registration in compliance of the section no. 11 of The Uttar Pradesh Ground Water (Management and Regulation) Act, 2019 (U.P. Act No-13 of 2019) for existing users of ground water in notified areas within six months failing which this CTO shall stand automatically revoked.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

VIVEK
ROY
Digitally signed by
VIVEK ROY
DN: cn=VIVEK ROY,
o=U.P. Pollution Control Board,
ou=U.P. Pollution Control Board,
c=IN

CEO

C-1.



344

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35

UTTAR PRADESH POLLUTION CONTROL BOARD

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. - 142501/UPPCB/Ghaziabad(UPPCBRO)/CTO/water/GHAZIABAD/2021

Dated : 09/12/2021

To, Shri RAJEEV GUPTA M/s MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD MODI DISTILLERY(A UNIT OF MODI INDUSTRIES LTD) MODI NAGAR, GHAZIABAD(U.P),GHAZIABAD,201204 GHAZIABAD

S: Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD

Reference Application No :14134584

Dated :09/12/2021

- 1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act) M/s. MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tant/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
2. This consent is valid for the period from 01/01/2022 to 31/12/2022 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Previntion and Controt of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

VIVEK ROY Digitally signed by VIVEK ROY Date: 2021.12.09 16:17:20 +05'30'

For and on behalf of U.P. Pollution Control Board

CEO-1

Enclosed : As above (condition of consent):

Copy to: Regional Officer, UPPCB, Ghaziabad.

VIVEK ROY Digitally signed by VIVEK ROY Date: 2021.12.09 16:17:31 +05'30'

CEO-1

**Annexure to Consent issued to M/s.MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD
vide**

Consent Order No. 14134584/ Water

Dated : 09/12/2021

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of rectified sprit 30 KLD based upon molasses only.
2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effulant	Maximum daily discharge,KL/day	Treatment facility and discharge point
1	Domestic	8 KLD	Septic Tank
2	Industrial	ZLD through 6 MEE, Bio compost	ETP

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. It should be ensured that domestic effluent should not be discharged in storm water drain.
- 4(a) The domestic effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms.

Domestic Effulant		
S.No	Parameter	Standard
1	Quantity of Discharge	8 KLD

5. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry.
6. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under the Environment (Protection) Act, 1986.
7. The industry shall not discharge any trade effluent outside the premises and Zero Liquid Discharge (ZLD) shall be maintained all the time.
8. Molasses shall not be stored in kachcha pits.
9. If UPPCB or CPCB issues closure order against the industry, this consent shall remain suspended for the period till closure order is revoked, after which the consent will be effective again for the remaining period.
10. The unit should be operated in such a way so that there is no adverse impact on public and environment.
11. Unit must maintain on line connectivity of mass flow meters at the inlet and outlet of MEE and web cameras installed at the final outlet, MEE and Bio Compost yard and connected with server of CPCB and UPPCB.
12. The unit shall ensure deployment of qualified staff for self monitoring mechanism on 24 X7 hours basis.
13. Volume of spent wash shall be reduced to 40 % minimum and solid concentration shall be maintained minimum 30% at the outlet of MEE.
14. Unit shall identify recipient drains/rivulets and their upstream & downstream locations in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at upstream & downstream location through recognized lab under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB.
15. The storage facility provided for spent wash shall be properly lined and made impermeable and the storage capacity at any stage shall not exceed 07 days equivalent of production in case of incineration boiler and 30 days equivalent of production in case of bio composting.

16. Industry shall submit Environment Statement to this Board as per provision of Environment (Protection) amendment Rule, 1993 for the previous year ending 31st March on or before 30th September every year.
17. Industry shall ensure to send monthly reports regarding spent wash storage and details of spent wash in each lagoon constructed in industry.
18. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. The Unit shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
2. The Unit shall dispose the hazardous waste through authorized recyclers/TSDf and comply with the provisions of Hazardous and Other Wastes (Management and Trans-boundary Movement) Amendment Rules, 2016 and The Solid Waste Management Rules, 2016.
3. The Unit shall submit the point wise compliance report of the conditions imposed in the CTO/CTE issued by the Board earlier and the audited balance sheet for the current year and the details of fees deposited within a month failing which consent would be deemed void.
4. This consent is only valid for domestic discharge.
After MEE, total-spent-wash-generation 85 KLD. Spent wash is used for bio compost for which unit has bio compost yard of 4.85 acre. No industrial effluent will be discharged outside the premises.
5. The Unit shall develop proper green belt and rain water harvesting system as per guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and maneuvering arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02 Dt. 16-02-2018 shall be complied.
6. This consent is valid only for products and quantity mentioned above. The Unit shall obtain prior approval before making any modification in product/process /fuel/ Plant machinery failing which consent would be deemed void.
7. The Unit will ensure the continuous and uninterrupted data supply from the OCEMS to the CPCB server.
8. If the CPCB or UPPCB issues the Closure order against the Unit this consent order stands automatically suspended for that period.
9. The Unit shall abide by orders / directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board, Commission for Air Quality Management and U.P Pollution Control Board for protection and safe guard of environment from time to time.
10. This CTO shall be valid only for molasses based operation and not for grain based or dual feed system operation. The unit shall have to seek separate CTO application for grain based or dual feed system operation.
11. Unit shall comply with the order dated 30.01.2020 of Hon'ble NOT m O.A. no. 820/2019 President sarvjan kalyan vikas samiti, Ghaziabad Vs State of U.P.
12. Unit shall ensure continuous use of mosquitos, flies repellent and anti-odor masking agents in the compost area.
13. Unit shall comply with directions issued by HO vide letter no. H 63722/C-1/Jal/ G-89/KA. B.NO.- Nikshep/2021, dated 22.07.2021.

Issued with the permission of competent authority .

VIVEK ROY Digitally signed
by VIVEK ROY
Date:
2021.12.09
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For and on behalf of U.P. Pollution Control Board .

CEO-1

**Uttar Pradesh Pollution Control Board**

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.in, Website: www.uppcb.com

171711/UPPCB/Ghaziabad(UPPCBRO)/CTO/both/GHAZIABAD/2022**Date: 23/01/2023****To,****M/s****MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD****MODI DISTILLERY(A UNIT OF MODI INDUSTRIES LTD) MODI NAGAR,GHAZIABAD(U.P),GHAZIABAD,201204****Application Id-
18887858**

Consolidated Consent to Operate and Authorisation hereinafter referred to as the CCA (Consolidated Consent & authorization) (Fresh) 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

CCA is hereby granted to **MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD** located at **MODI DISTILLERY(A UNIT OF MODI INDUSTRIES LTD) MODI NAGAR,GHAZIABAD(U.P),GHAZIABAD,201204**. subject to the provisions of **the Water Act, Air Act** and the orders that may be made further and subject to following terms and conditions :-

1. This CCA **MODI DISTLLERY A UNIT OF MODI INDUSTRIES LTD** **granted for the period from 01/01/2023 to 31/12/2023** and valid for manufacturing of following products.

S No	Product	Quantity	Unit
1	RS/ENA/IMFL	32	Kilo Liters/Day
2	IMFL Bottling (Case/day)	10000	Numbers/Day

2. Conditions under Water(Prevention and Control of Pollution) Act -1974 as amended :-

(i) The daily quantity of effluent discharge (KLD) :-

Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point
Domestic	8 KLD	Septic Tank	
Industrial	ZLD	ETP	

(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality.

In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(iii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-

Industrial Effluent Quality Standard

S.No.	Parameter	Standard
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(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality. In case of stoppage of functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.

(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.

S No.	Parameters	Standards
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3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :-

i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.

Air Pollution Source Details

S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack
1	5 TPH Boiler	Biogas/Bagasse	1	Particulate Matter	30 Meter From Ground Level

Emission Quality Standards

S No.	Stack no	Parameters	Standards
1	1	Particulate Matter	As per applicable norms

In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately

(ii) The unit will not use any type of restricted fuel.

iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :-

Day time : from 6.00 a.m. to 10.00 p.m., Night time: from 10.00 p.m. to 6.00 a.m.

Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone	
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time
	75	70	65	55	55	45	50	40

4. Essential documents to be submitted by the Industry/Unit as Applicable :-

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986.

(ii) Quarterly compliance report of the CCA, photograph of ETP/APCs/Waste Storage Area.

5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA.

6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will result in legal action under the aforesaid Acts and Rules.

7. In compliance to the G.O 1011/81-7-2021-09 with 2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:-<http://www.upecp.in/TrainingSession.aspx> for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of non-compliance of this direction, your consent will be revoked by the Board.

8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked.

General Conditions:-

1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory recognized by the MoEF and shall report to the UPPCB.
2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit.
3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point.
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant.
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. must be leak-proof
6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.
7. The industry shall provide Inspection Book at the time of inspection to the Board's officials.
8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.
9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.
10. In case of any damage to the agriculture productivity, human habitation etc. by the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.
11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. or any change in effluent discharge point or emission point
12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.

Specific Conditions:-

1. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process /fuel/ Plant machinery failing which consent would be deemed void.
2. The Industry will not discharge its effluent (Industrial and or domestic) into any surface water body source

under any circumstances.

3. The Industry shall ensure the time bound compliance of the various provisions of ZLD guideline issued by the UPPCB vide office memorandum no.H46886/C-1/Gen-42/2020,dt.28-01-2020 (available at URL http://www.uppcb.com/pdf/news_280120.pdf).
4. Electromagnetic Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized. The Industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB server.
5. The treated effluent/sewage shall be used for irrigation purposes as much as possible. The guidelines developed by the CPCB for the utilization of treated effluent for the irrigation purposes is available at the URL <http://cpcb.nic.in/NGT/Guidelines-UTE-Irrigation.pdf>.
6. The industry will have to ensure permission from the CGWA for ground water extraction and it will be the responsibility of the industry to comply with the various conditions of the permission taken.
7. The Industry must operate and maintain properly the installed flow meter and web camera and shall ensure on line connectivity of flow meter and web camera with server of CPCB and UPPCB.
8. The Industry shall develop proper green belt and rain water harvesting system as per guidelines. For green belt at least 8 feet height plants should be planted which shall be properly protected as proper irrigation and maneuvering arrangements shall be made. For the development of the green belt the guidelines issued vide Board office order no. H10405/220/2018/02,dt.16-02-2018 shall be complied.
9. The industry shall submit Environmental Statement in prescribed format as per rule no.14 as per E.P Rules 1986 and Process effluent / any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond.
10. The Industry shall dispose the hazardous waste through authorized recyclers/TSDF and comply with the provisions of Hazardous and Other Wastes (Management and Trans-boundary Movement) Amendment Rules, 2016 and The Plastic Waste Management Rules, 2016 as amended.
11. The overall noise levels in and around area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc, on all sources of noise generation. The ambient noise level shall conform to the standards under the Environment (Protection) Act 1986.
12. The industry shall make temporary storage facility for storage of hazardous waste in the premises before it will send to TSDF as per the provisions of Hazardous and Other Waste (Management and Trans boundary Movement) Rules 2016.
13. The Industry shall install the Board showing daily environmental statement ie. chemicals used in the treatment of effluent, flow meter reading , hazardous waste generated and send to TSDF etc. at the main gate of the Unit.
14. The Industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
15. The Industry shall submit ground water quality monitoring report done by MoEF & CC approved laboratory in every 3 months.
16. This Consent order shall automatically become invalid on issuance of Closure Order by C.P.C.B /UPPCB and further on Revoking of Closure order, the Consent order shall become valid.
17. The Industry shall submit the point wise compliance report of the conditions imposed in the CTO issued by the Board for year 2019 and the audited balance sheet for the current year and the details of fees deposited within a month failing which consent would be deemed void.
18. The industry shall abide by orders / directions issued by Hon'ble Supreme Court Hon'ble High Court, Hon'ble National Green Tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safeguard of environment from time to time.
19. In compliance of the provisions of the Plastic Waste Management Rules 2016 as amended, the industry shall submit the Extended Producer Responsibility (EPR) for the disposal of Plastic waste generated within a

month failing which consent would be deemed void.

20. The industry should ensure the operation of the air pollution control system (APCS) in such a manner that the air emission conforms with the standards prescribed under the E.P Act 1986 as amended.
21. The use of Pet coke and Furnace oil as a fuel is restricted in compliance of the Hon'ble Supreme court order.
22. In compliance of the provisions of the Plastic Waste Management Rules 2016 as amended, the industry shall submit the Extended Producer Responsibility (EPR) for the disposal of Plastic waste generated within a month failing which consent would be deemed void.
23. The unit shall install FGD/Alkaline scrubber to control Sox and NOx gaseous emission.
24. The Industry should be operated in such a way so that there is no adverse impact on public and environment.
25. Unit shall establish Miyawaki forest as per the GO no. 1011/81-7-2021-09(writ)/2016 dated 13.10.2021 of Deptt. of Environment, forest and climate change and BG of Rs. 50,000/- be deposited within a month time along with the proposal for proposed plantation.
26. Unit shall comply with the CAQM (Commission for Air Quality Management in NCR and Adjoining Areas) direction no. 53 and 62 and other direction issued time to time regarding use of cleaner fuel.
27. Unit shall comply with the CAQM (Commission for Air Quality Management in NCR and Adjoining Areas) direction no. 55 regarding DG sets.
28. Unit shall operate and maintain/upgrade the air pollution control device in such manner that emission should be as per norms prescribed by CAQM.
29. For operation of DG sets during GRAP period unit shall comply with CAQM direction no. 55 and 68.
30. Unit shall submit latest stack monitoring report from NABL approved laboratory within one month.
31. The closure direction issued by Board vide letter no. H 75615/C-1/Jal/G-89/2022 dated 13.05.2022 is revoked as per the approval of competent authority.
32. Unit shall comply with the order dated 30.01.2020 of Hon'ble NGT in O.A. no. 820/2019 President Sarvjan Kalyan Vikas Samiti, Ghaziabad Vs State of U.P.
33. Unit shall comply with the order of Hon'ble NGT in Tilak Raj Adhana & Ors. Vs. State of Uttar Pradesh, Original Application No. 418/2021 with Original Application No. 447/2021.
34. Unit shall ensure continuous use of mosquitoes, flies repellent and anti-Odor masking agents in the compost area.
35. Unit shall comply with directions issued by HO vide letter No. H63722/C-1/Jal/G-89/KA. B.No.- Nikshep/2021, dated 22.07.2021.
36. In compliance to EC imposed by Board, unit has submitted partial amount of Rs. 8.50 Lac against imposed EC of Ras. 51,56,250/-. Decision on EC representation by Committee constituted at HO for EC assessment shall bound on Unit and EC shall be deposited within one month after issuing the EC letter otherwise this consent deemed to be null and void.

**CEO
C-1.**

Copy to:

Regional Officer, U.P. Pollution Control Board, Ghaziabad.

**CEO
C-1.**



UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010

38

Ref. No : 10978/UPPCB/Ghaziabad(UPPCBRO)/HWM/GHAZIABAD/2019 Dated: 27/04/2020

To,

M/s MODI SUGAR MILLS UNIT OF MODI INDUSTRIES LTD

Modinagar, GHAZIABAD,

Tehsil : Bhojpur

District : GHAZIABAD

Sub :- Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

1. Number of authorization and date of issue 10978 and 27/04/2020 .
2. Reference of application (No. and date) 7100366 and 18/12/2019 .
3. Mr SURENDRA KUMAR SHARMA of M/s MODI SUGAR MILLS UNIT OF MODI INDUSTRIES LTD is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, utilization, storage and disposal or any other use of hazardous or other wastes or both on the premises situated at within premises .

Details of Authorisation

S No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity(ton/annum)
1	Schedule-I, Cat. 21.2 Spent solvent	Through TSDF	800 KL/Annum

1. The authorization shall be valid for a period of 26/04/2025 from the date of issue of this letter .
2. The authorization is subject to the following general and specific conditions (please specify any conditions that need to be imposed over and above general conditions, if any) .

A General Conditions of Authorization -

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under .
2. The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Board .
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization .
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation .
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time .
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and products .

7. It is the duty of the authorised person to seek prior permission of the State Pollution Control Board to close down the facility .
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation .
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained .
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation .
11. The importer or exporter shall bear the cost of Import or export and mitigation of damages if any
12. An application for the renewal of an authorisation shall be made as laid down under these Rules .
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time .
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year .

B Specific Conditions of Authorization

1. The unit will submit the proof of depositing the requisite processing fees of application in a month otherwise this authorization will stand automatically cancelled.
2. The wastes must be safely collected in leak proof containers and shall be duly marked in a manner suitable for handling, storage and transport and the packaging shall be easily visible and be able to withstand physical conditions and climatic factors. All hazardous waste containers/bags shall be provided with a general label as given in Form 8. The storage area should be at an isolated spot in the premises and must be fenced, covered and duly marked.
3. The authorized person/agency shall ensure that no adverse impact on the air, soil and water including groundwater takes place due to activities for which authorization has been requested. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
4. It is brought to your notice that as per the order dated 14.11.2003 passed by the Hon'ble Supreme Court in W.P. (c) 657 of 1995, no industry covered under Hazardous Waste (Management and Handling) Rules, 1989 (as amended) shall be allowed to operate without valid authorisation. It is also provided in the same order that industries which are not complying with the conditions shall not be allowed to operate. Hence in case you fail to apply for authorisation before its expiry or fails to comply with conditions of the earlier authorisation issued to you, closure order shall be issued against your industry without any further notice.
5. The applicant must file returns on prescribed Form 4 along with a compliance report of this letter. You should also maintain records on Form-3 and present it to Board's inspecting officials.
6. In case of occurrence of an accident, complete details on Form-11 must be sent to U.P. Pollution Control Board at the earliest along with details of mitigative and remedial measures taken.
7. It is also the mandatory duty of the occupier of industry as well as operator of a facility to develop suitable waste treatment and disposal facility and the design of the facility must be approved by the Board. Details along with the project report must be sent in this regard within fifteen days of receipt of this letter, otherwise the industry shall become member of a common TSDF and the industries

- present at this TSDF. The proof of valid membership of TSDF along with proof of disposal of hazardous waste to TSDF shall be sent to U.P. Pollution Control Board within three months.
8. The authorised person shall not receive, collect, or store any hazardous waste from any unauthorised occupier or generator of hazardous wastes. In case any hazardous wastes is sold to any other reprocessing unit it must be ensured that such unit is fully complying with environmental requirements and has a valid authorisation of the Board.
 9. In no case any hazardous wastes shall be disposed off on land, in any drain or stream. All spillages of hazardous chemicals, used containers of hazardous chemicals such as flammable, corrosive, explosive and toxic nature must be safely collected and stored. Non-compatible wastes must be suitably and safely handled.
 10. Proposal regarding waste minimization and reuse of wastes must be sent. Details of any recovery/ reuse system must be sent within two months.
 11. It is within the powers and functions of the U.P. Pollution Control Board to suspend/ cancel the authorization issued under the Rule- 6(2) of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
 12. The stored waste shall not be taken out of the storage area except with the written permission of the State Pollution Control Board in this regard.
 13. You are directed to display online data outside the main factory gate with regards to quantity and nature of hazardous chemicals being handled in the plant including waste water and air emissions and solid hazardous waste generated within the factory premises. Necessary compliance should be sent within fifteen days of receipt of this letter.
 14. It is the mandatory duty of the authorised person to comply with the guideline for transportation of hazardous waste in accordance with Rule 18 of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Guidelines in this regard have been issued by Central Pollution Control Board from time to time.
 15. You are directed to provide the complete details regarding the quantity of hazardous waste stored in the factory premises within a month.
 16. You are directed to provide all hazardous waste generated in the factory to any TSDF operating in the state for the treatment and disposal and send the compliance report to the U.P. Pollution Control Board at the earliest.
 17. Status report of hazardous waste stored in premises available storage capacity and future action for permanent safe disposal of hazardous waste shall be submitted within one month.
 18. Ground water monitoring report of premises shall be submitted within one month.
 19. Industry will follow the various provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

(Authorized Signatory)

Ashok
Kumar Tiwari

Digitally signed by
Ashok Kumar Tiwari
Date: 2020.05.01
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UTTAR PRADESH POLLUTION CONTROL BOARD

Copy to: To the Regional Officer, U.P. Pollution Control Board, Ghaziabad for information and necessary action .

Ashok
Kumar
Tiwari

Digitally signed by
Ashok Kumar
Tiwari
Date: 2020.05.01
23:25:26 +05'30'

CEO/EE, I/C Circle

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RECOMMENDATION - 1

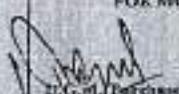
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ANNEXURE R-4(COLLY)

MODI SUGAR MILLS A UNIT OF (MODI INDUSTRIES LTD) MODI NAGAR-201204 (UP) Ph: 0 9219440611, 660, 621,622 Fax : 242532 E-Mail : purchase@modisugar.com	M/S ALPHA ENGINEERING AND SYSTEMS PVT LTD A-2 SECOND FLOOR RING ROAD RAJOURI GARDEN (OPP.RAJA GARDEN FLYOVER) NEW DELHI-110027	PURCHASE ORDER P.O.No. P0001029 Date 10-Oct-22 Amd No. Amd Date. Vendor Code A0934	Pan No. : AAACM2063Q GST NO. : 09AAACM2063Q421 Place of supply : Modinagar
	NEW DELHI Vendor Ref: QUT.NO-5347 DT-29/SEP/22		

S. No.	Code & Description of the Materials	Indent No. Date	Quantity	Rate (Rs.) Per Unit	Amount (Rs.)	Discount	GST	Sales Tax Other Charges	Delivery Schedule / Date
1	MSSITINSM051 MAGNATIC FLOW METER 2" FOR I. MASC. VACCUM PUMP, AIR BLOWER COOLING WATER WITH MATCHING FLANGE (ELECTOMAGNETIC FLOW METER WITH MATCHING FLANGE MODEL CODE-M1RP20P1C2N0050S1F113E1G2T1CHI AD C1A1 MODEL MAG.FLOW 6410 LINE SIZE 50MM(2") TRANSMITTER TYPE REMOTE POWER SUPPLY 80-300V AC/DC OUTPUT-4-20MA DC COMMUNICATION INTERFACE RS-485 (MODBUS RTU) DATE LOGGER NOT REQ.SESING OF MEASURING SENSER FLANGE ANSI 150 SENSOR LINING PTFE ELECTRODE MATERIAL SS316L EARTING RING SS316 MEASURING TUBE SS304 COIL HOUSHING CARBON STEEL PROTECTION CLASSIP 65 CABLELENGTH 10 METER. MAKE - ADEPT	10032478 22-Sep-22	3.00 NUMBER	35,500.00	106,500.00		IGST: 18.00% EXTRA Yes	NOT APPLICABLE	4 WEEK
2	MSSITINSM052 MAGNATIC FLOW METER 3"	10032478 22-Sep-22	1.00 NUMBER	42,000.00	42,000.00		IGST: 18.00% EXTRA	NOT APPLICABLE	---00---

3	<p>FOR HOT WATER LINE MGL WITH MATCHING (ELECTROMAGNETIC FLOW METER WITH MATCHING FLANGE MODEL CODE-MIRP20P(C2N000SIF1LJE1G2TIC)HAD C1A1) MODEL MAG.FLOW 6410 LINE SIZE 100MM(3") TRANSMITTER TYPE REMOTE POWER SUPPLY 80-300V AC/DC OUTPUT 4-20MA DC COMMUNICATION INTERFACE RS-485 (MODBUS RTU) DATE LOGGER NOT REQ. SENSING OF MEASURING SENSOR FLANGE ANSI 150 SENSOR LINING PTFE ELECTRODE MATERIAL SS316L EARTING RING SS316 MEASURING TUBE SS304 COIL HOUSING CARBON STEEL PROTECTION CLASS IP 65 CABLE LENGTH 10 METER.MAKE-ADEPT</p> <p>MSSETINSM053 MAGNETIC FLOW METER 4"</p>	10032478 22-Sep-22	3.00 NUMBER	45,000.00	129,000.00		Yes IGST- 18.00% EXTRA	NOT APPLICABLE	---DO---
4	<p>CENTRIFUGAL MACHINE N/A ETP OUTLET TO SUGAR WITH MATCHING FLANGE (NOTE- MAGNETIC FLOW METER WITH MATCHING FLANGE MODEL CODE-MIRP20P(C2N0100SIF3LJE1G2TIC)HAD C1A1) MODEL MAG.FLOW 6410 LINE SIZE-100MM(4") TRANSMITTER TYPE REMOTE POWER SUPPLY 80-300V AC/DC OUTPUT 4-20MA DC COMMUNICATION INTERFACE RS-485 (MODBUS RTU) DATE LOGGER NOT REQ. SENSING OF MEASURING SENSOR FLANGE ANSI 150 SENSOR LINING PTFE ELECTRODE MATERIAL SS316L EARTING RING SS316 MEASURING TUBE SS304 COIL HOUSING CARBON STEEL PROTECTION CLASS IP 65 CABLE LENGTH 10 METER.MAKE- ADEPT</p> <p>MSSETINSM054 MAGNETIC FLOW METER 6"</p>	10032478 22-Sep-22	5.00 NUMBER	67,000.00	315,000.00		Yes IGST- 18.00% EXTRA	NOT APPLICABLE	---DO---

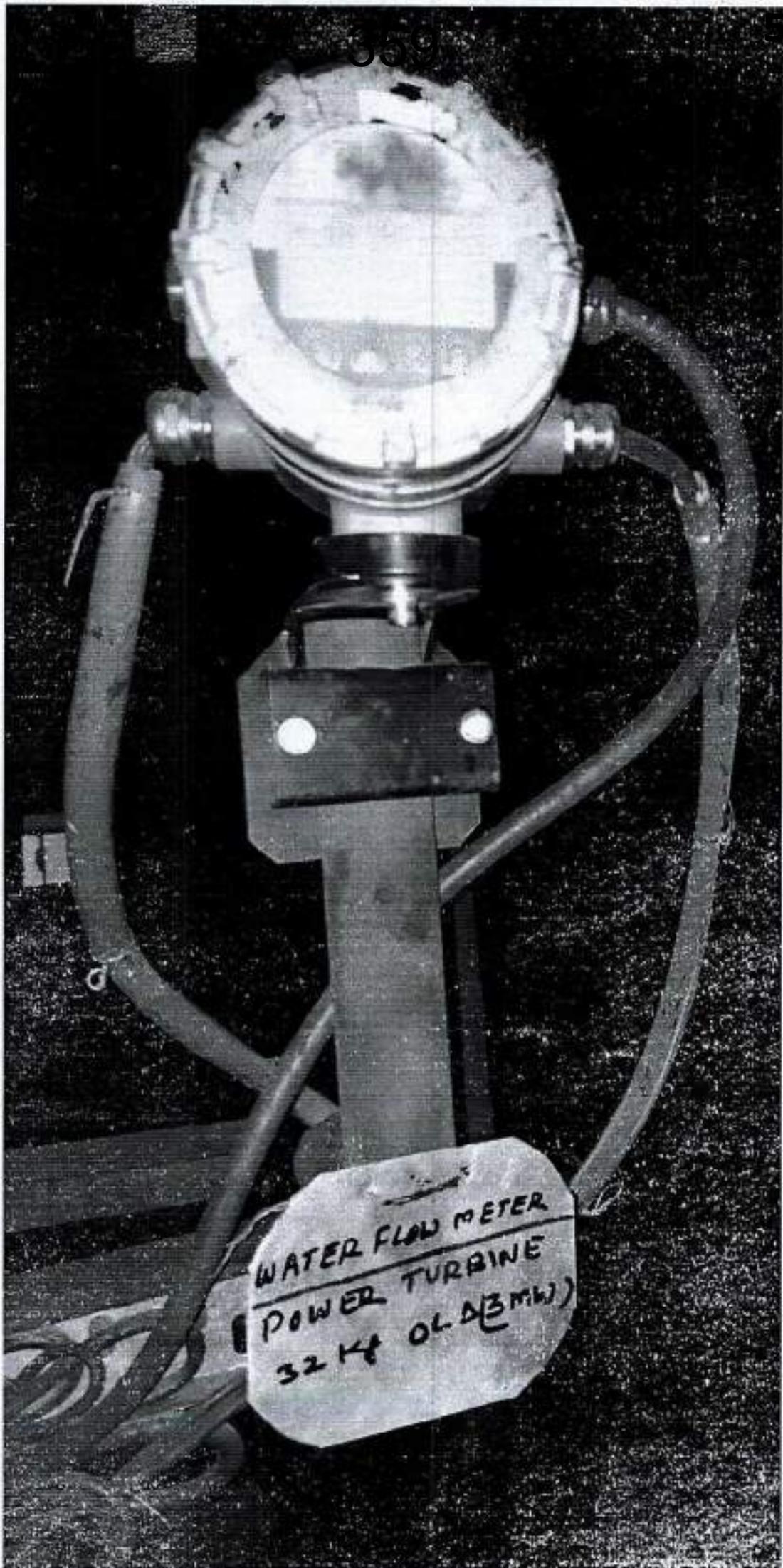
<p>FOR MILL BEARING COOLING WATER FIBREZER TURBINE WITH MATCHING FLANGE sensor (MAGNETIC FLOW METER WITH MATCHING FLANGE MODEL CODE- MFR20P1C2N0150S1F1L301G2T1C01ADC1A1 MODEL MAG FLOW 6410 LINE SIZE 150MM(6") TRANSMITTER TYPE REMOTE POWER SUPPLY 80-300V AC/DC OUTPUT-4-20MA DC COMMUNICATION INTERFACE RS-485 (MODBUS RTU) DATE LOGGER NOT REQ. SENSING OF MEASURING SENSER FLANGE ANSI 150 SENSOR LINING PTFE ELECTRODE MATERIAL SS316L EARTING RING SS316 MEASURING TUBE SS304 COIL HOUSING CARBON STEEL PROTECTION CLASS IP 65 CABLE LENGTH 10 METER MAKE- ADEPT</p>		<p>Yes</p>
<p>Payment Term : 100% AG.PINVOICE</p>	<p>Total : 612,500.00</p>	
<p>Delivery Base : Ex Party Godown Mode Of Dispatch : BY ROAD Transporter : OTHER TRANSPORTERS</p> <p>PW : NOT APPLICABLE Insurance : NO</p> <p>DOC. No. FOR / PURC / 005 Rev. No. 00 Date 15-04-2001</p>	<p>Instructions :</p> <ol style="list-style-type: none"> 1. Without Invoice Material will not be accepted at Mill Gate . 2. Please ensure to send Invoice along with consignment. 3. Please quote the P.O. No. on all correspondence, Invoice, Challan etc. 4. Msdvt documents are required for all excisable goods. <p>Form 31 S.No () _____ is/are enclosed one of these forms must accompany each consignment sent by road . The number of Form31 should be mentioned on the bill & G.R.P/ear Complete all the entries in form 31 and sign with your rubber stamp NOTE: If your are in registered with MSME, certificate will be attached with Invoice.</p>	<p>Special Instructions :</p> <p>AS PER TEL PHONE DISS WITH YOUR MR.ANISH PURI</p> <p>FOR MODI SUGAR MILLS</p> <p> D.C. D. Purchase) Vice President(Tech.)</p>

MODI SUGAR MILLS A UNIT OF (MODI INDUSTRIES LTD) MODI NAGAR-201204 (UP) Ph: 0 9219440611, 660, 621,622 Fax : 242532 E-Mail : purchase@modisugar.com	M/S ALPHA ENGINEERING AND SYSTEMS PVT LTD A-2 SECOND FLOOR RING ROAD RAJOURI GARDEN (OPP.RAJA GARDEN FLYOVER) NEW DELHI-110027	PURCHASE ORDER P.O. No. P0001241 Date 16-Nov-22 Amd No. Amd Date. Vendor Code A09M	Pan No. : AAACM2066Q GST NO. : 09AAACM2066Q421 Place of supply : Modinagar
	NEW DELHI Vendor Ref : QUT, NO-6572 DT-9/11/22		

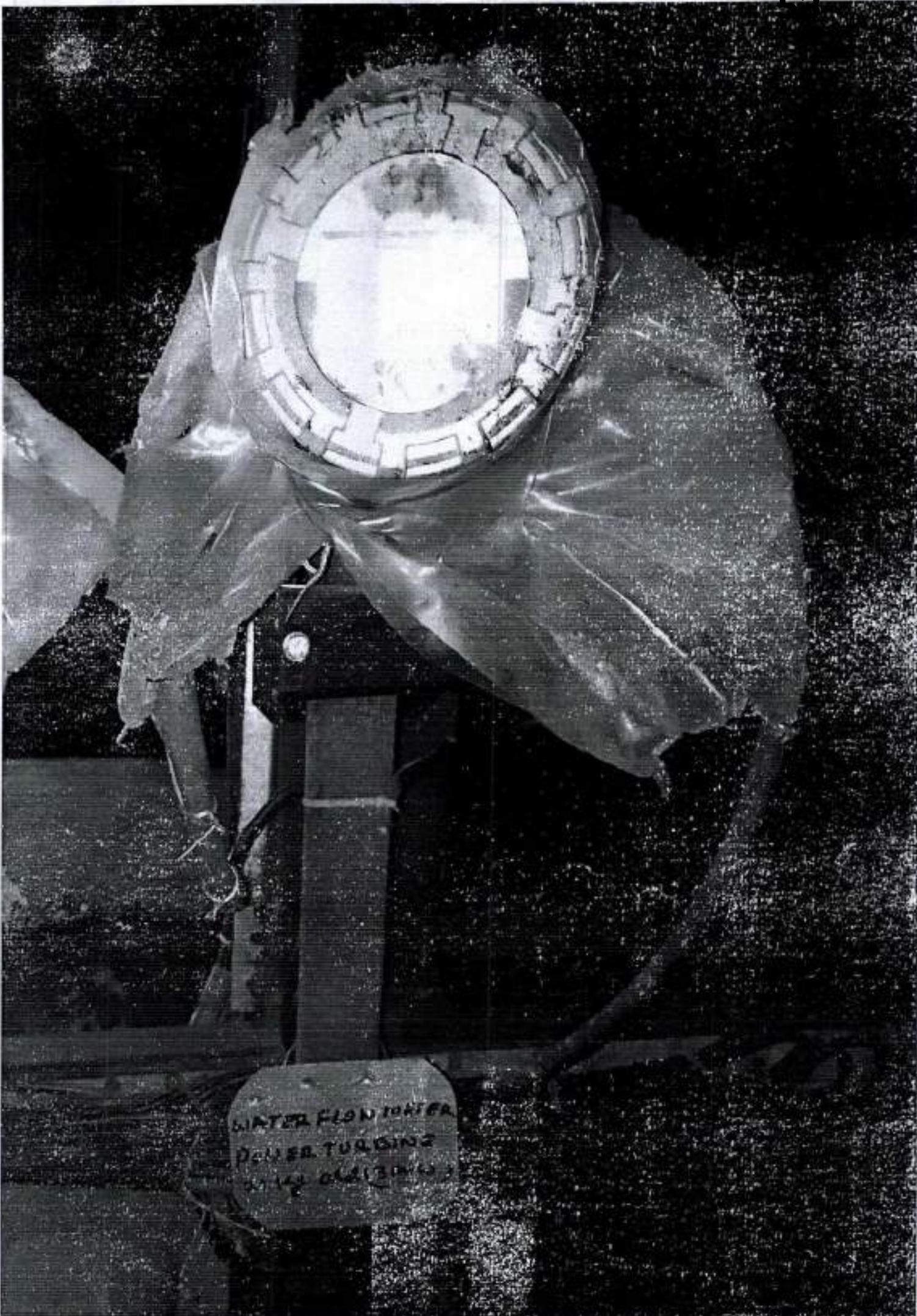
S. No.	Code & Description of the Materials	Indent No. Date	Quantity	Rate (Rs.) Per Unit	Amount (Rs.)	Discount	GST	Sales Tax Other Charges	Delivery Schedule / Date
1	MSSITNSM052 MAGNATIC FLOW METER 3" ELECTROMAGNETIC FLOW METER WITH MATCHING FLANGE REMOTE DISPLAY SIZE=3" MODEL NO=6410 LINE SIZE89MM (3") SERVICE WATER CONN. 150# FLANGE RF ELECTRODE SS-316L LINING PIPE CABLE LENGTH 2# MTR.OUTPUT 4-20MA DC ACCURACY +/- 0.5% SUPPLY 230VAC RANGE PROGRAMMABLE THUR FRONT KEY. MAKE=ADEP.	10012623 7-Nov-22	1.00 NUMBER	42,000.00	42,000.00		IGST: 18.00% EXTRA Yes	NOT APPLICABLE	1 WEEK

Payment Terms 100% AQ.PYNVOICE	Total : 42,000.00	Special Instructions : AS PER TEL PHONE DISC WITH YOUR MR. ANISH PURI,NOTE= WARANTEE= ONE YEAR.
Delivery Mode : Ex Party Godown Mode Of Dispatch : BY ROAD Transporter : THE NEW SHIV SEHANKAR TRANSPORT 62, KANLA MARKET.	Instructions : 1. Without Invoice Material will not be accepted at Mill Gate. 2. Please ensure to send Invoice along with consignment. 3. Please quote the P.O. No. on all correspondence, Invoice, Challan etc. 4. Modvat documents are required for all excisable goods. Form 31 SIno (s) _____ is/are enclosed one of these forms must accompany each consignment sent by road. The number of Form 31 should be mentioned on the bill & C/R. Please Complete all the entries in form 31 and sign with your rubber stamp. NOTE: If your are in registered with MSME, certificate will be attached with invoice.	FOR MODI SUGAR MILLS  Anish Puri (Chase) Vice President(Tech.)
DOC. No. FOR / PURC / 005 Rev. No. 00 Date 15-04-2001		

669

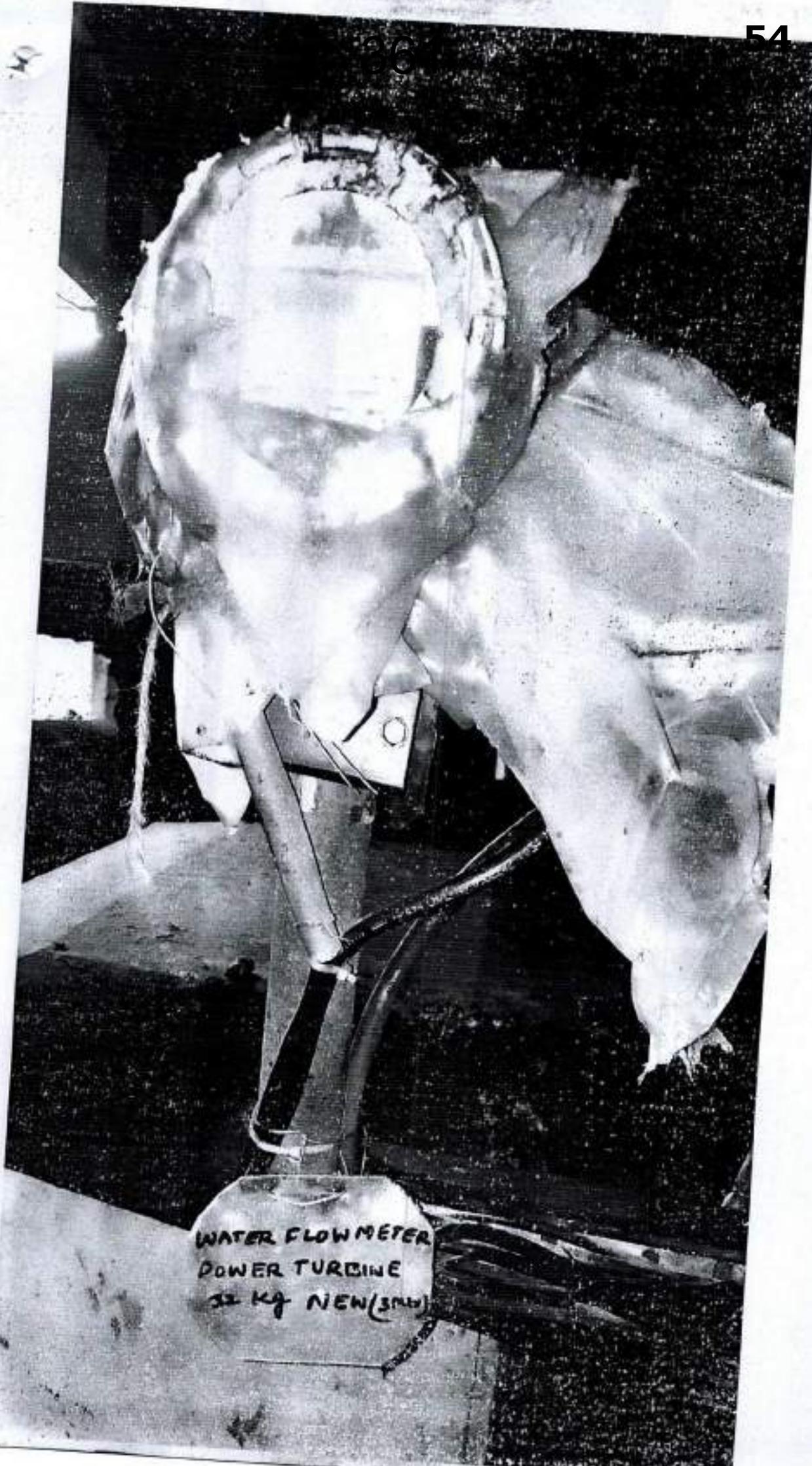


WATER FLOW METER
POWER TURBINE
32 K \pm 0.4 (3 MW)



WATER FLOW METER
POWER TURBINE
AT 1/2 CALIBRATION

40



WATER FLOW METER
POWER TURBINE
32 kg NEW (3MB)

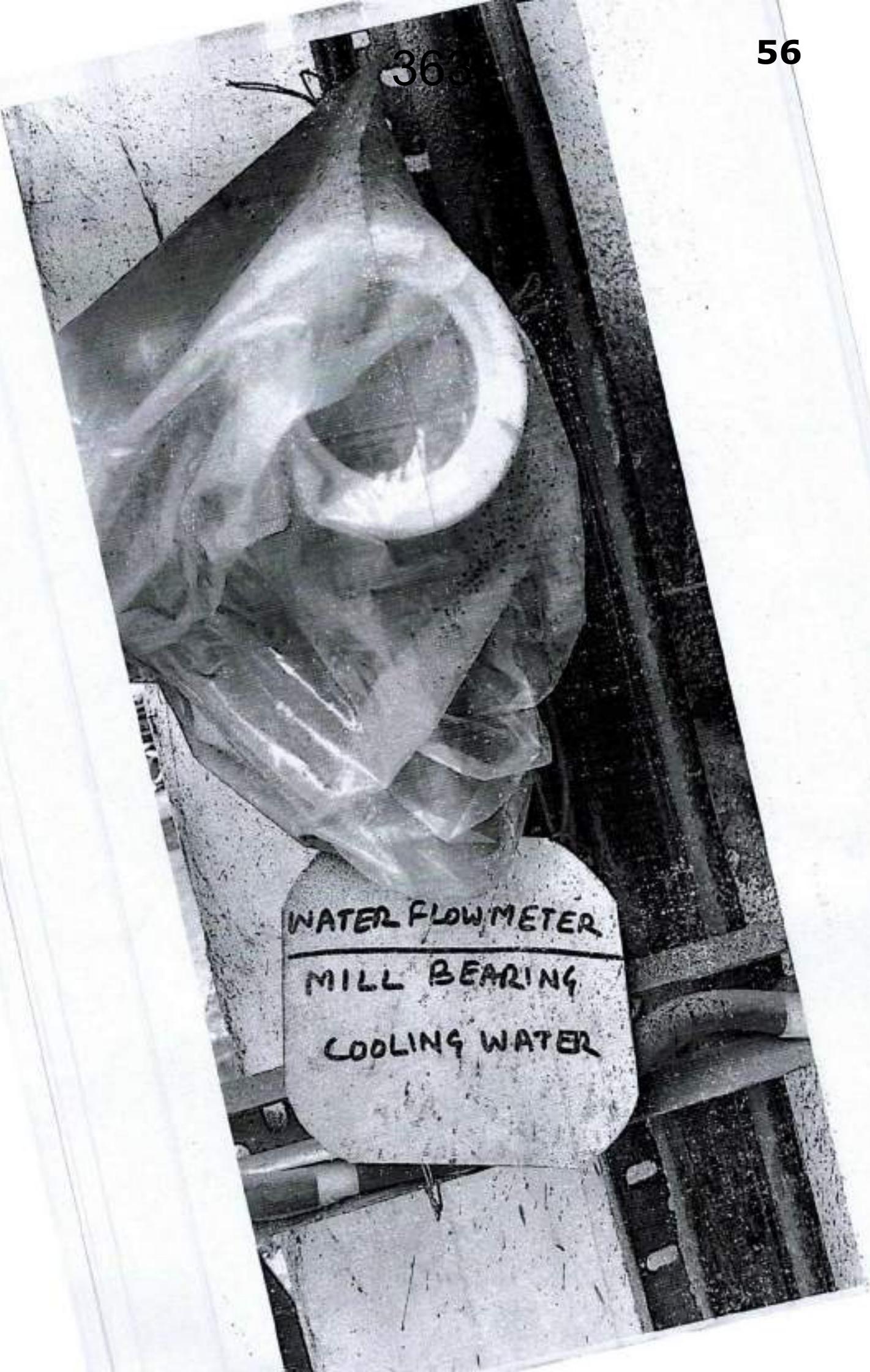
362

55



363

56



WATER FLOWMETER
MILL BEARING
COOLING WATER

adept

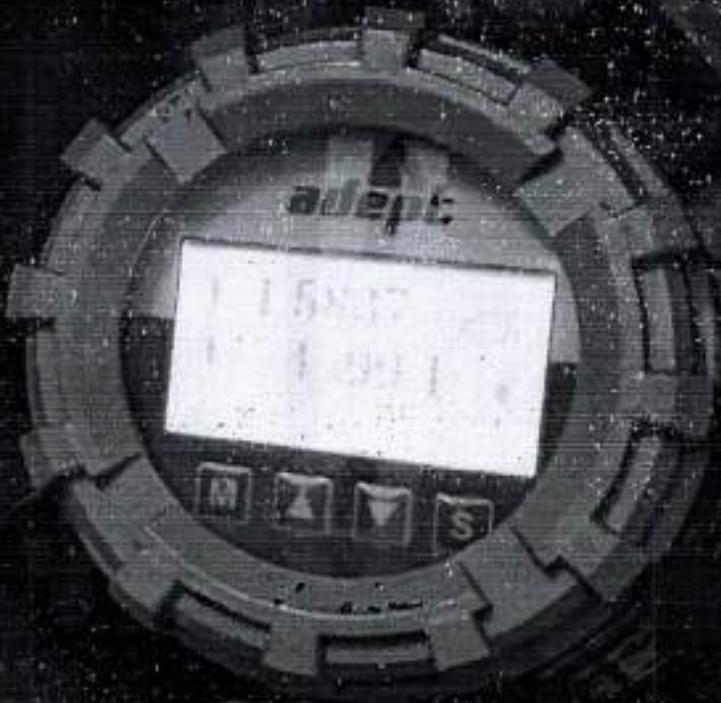
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⑤
WATER FLOW METER
MASSICUTE COOLING
WATER

WATER FLOWMETER
SULPHUR FURNACE
COOLING WATER

①



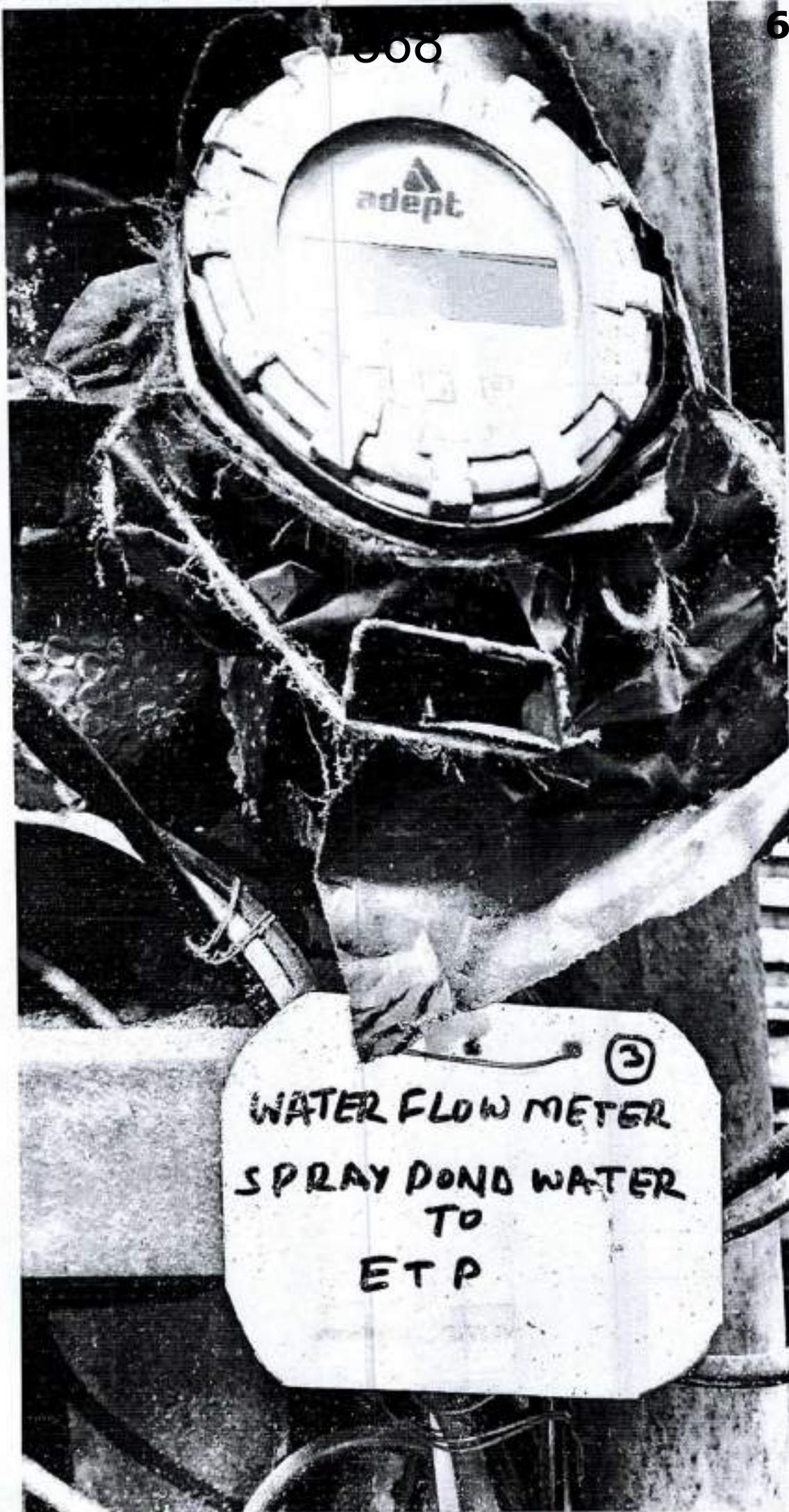


②
WATER FLOW METER
MOL HOT WATER



②
WATER FLOW METER
AIR BLOWER
COOLING WATER

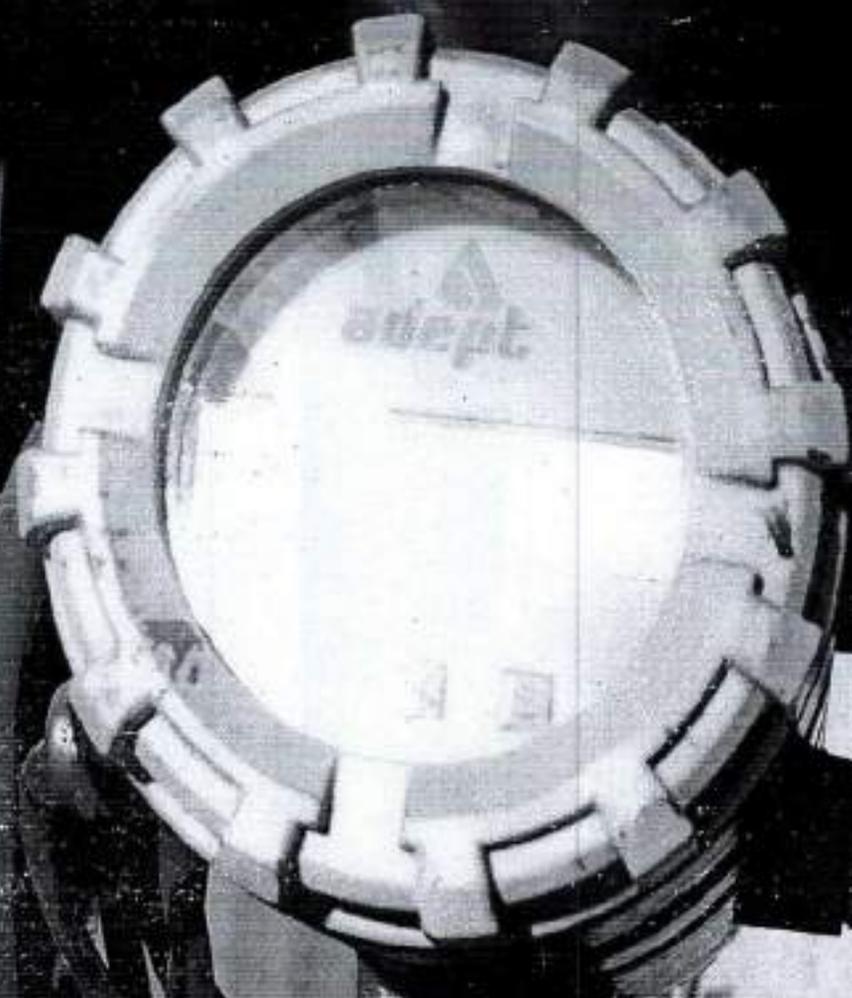
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③
WATER FLOW METER
SPRAY DOND WATER
TO
ETP

369

62



WATER FLOW METER
ETP INLET

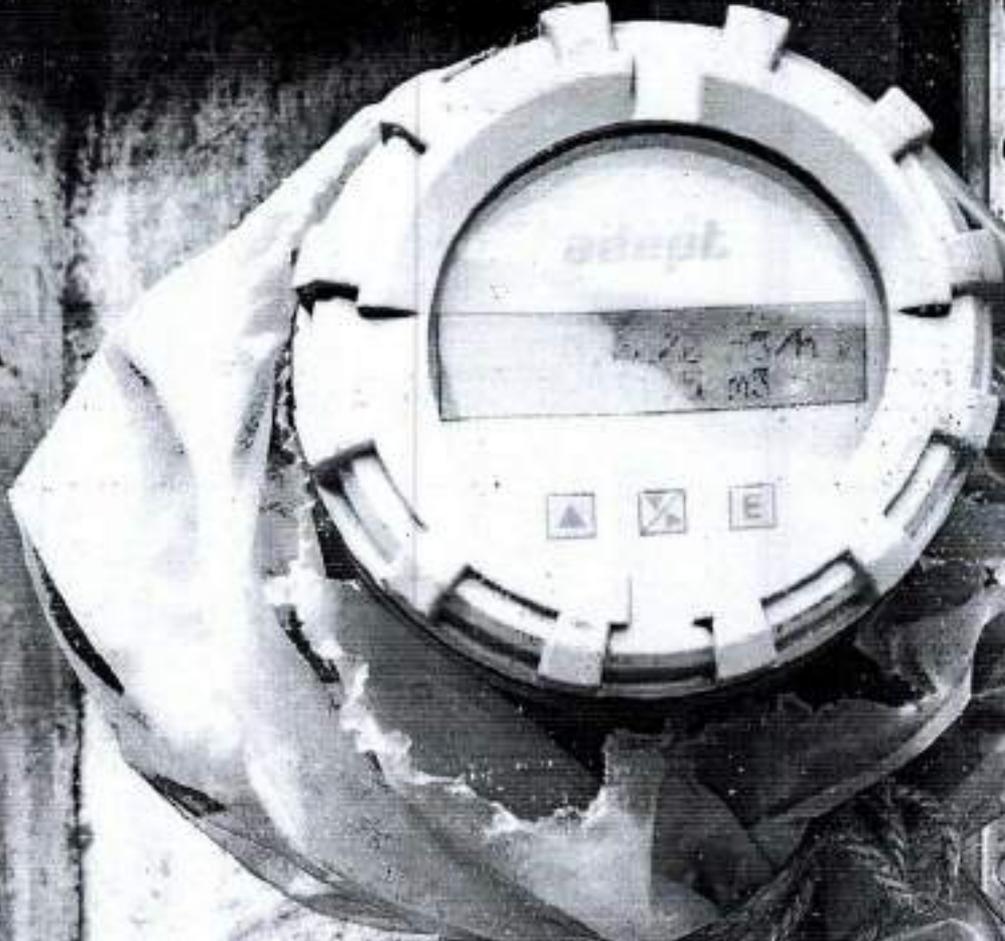
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②
WATER FLOW METER
VACUUM PUMP
COOLING WATER



①
WATER FLOW METER
CENTRIFUGAL M/C
HOT WATER



**WATER FLOW METER
BIG TUBEWELL**



373

66



**WATER FLOW METER
SMALL TUBE WELL**



375

68



WATER FLOW METER

WET SCRUBBER

MODI SUGAR MILLS, MODINER
 Log Book For Power Turbine Flammation
 Season 2022-2023

MODI SUGAR MILLS, MODINER
 Log Book For Power Turbine Flammation
 Season 2022-2023

DATE	POWER TURBINE - 1			POWER TURBINE - 2			POWER TURBINE - 3			REMARKS
	INITIAL FLOW	FINAL FLOW	DIFFER FLOW	INITIAL FLOW	FINAL FLOW	DIFFER FLOW	INITIAL FLOW	FINAL FLOW	DIFFER FLOW	
20/12/2022	00	551	551	00	1004	1004	00	00	00	
21/12/2022	081	1245	704	1004	2185	1181	00	00	00	
20/12/2022	1285	1972	657	2185	3324	1139	00	00	00	
21/12/2022	1972	2659	687	3324	4492	1168	00	00	00	
20/12/2022	2659	3328	679	4492	5619	1127	00	00	00	
20/12/2022	3328	4031	703	5619	6767	1148	00	00	00	

Signature

Log Book For Power Turbine Flowmeter
Season 2022-2023

JANUARY-2023

MODI SUGAR MILLS, MODIJIWAPAR
Log Book For Power Turbine Flowmeter
Season 2022-2023

JANUARY-2023

POWER TURBINE-1				POWER TURBINE-2			POWER TURBINE-3					
DATE	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY	DATE	INITIAL READING	FINAL READING	WATER METER/DAY	REMARKS	SIGNATURE
01/01/2023	41031	4313	202	6767	7899	1132	01/01/2023	00	00	00		
02/01/2023	4313	4325	12	7899	9061	1162	02/01/2023	00	00	00		
03/01/2023	4325	4348	23	9061	10216	1155	03/01/2023	00	00	00		
04/01/2023	4348	4371	23	10216	11366	1150	04/01/2023	00	00	00		
05/01/2023	4371	4382	11	11366	12474	1100	05/01/2023	00	00	00		
06/01/2023	4382	4393	11	12474	13054	580	06/01/2023	00	00	00		
07/01/2023	4393	4403	10	13054	14216	1162	07/01/2023	00	00	00		
08/01/2023	4403	4414	11	14216	14998	782	08/01/2023	00	00	00		
09/01/2023	4414	4423	09	14998	15457	459	09/01/2023	00	00	00		
10/01/2023	4423	4433	10	15457	16449	992	10/01/2023	00	01	01		
11/01/2023	4433	4443	10	16449	17347	898	11/01/2023	01	01	00		
12/01/2023	4443	4454	11	17347	18634	1287	12/01/2023	01	02	01		
13/01/2023	4454	4464	10	18634	19023	389	13/01/2023	02	02	00		
14/01/2023	4464	4474	10	19023	19778	755	14/01/2023	02	12	10		
15/01/2023	4474	4483	09	19778	20959	1181	15/01/2023	12	14	02		
16/01/2023	4483	4493	10	20959	22101	1142	16/01/2023	14	237	223		
17/01/2023	4493	4502	09	22101	23205	1104	17/01/2023	237	238	01		
18/01/2023	4502	4512	10	23205	24360	1155	18/01/2023	238	238	00		
19/01/2023	4512	4523	11	24360	25431	1071	19/01/2023	238	238	00		
20/01/2023	4523	4532	10	25431	26618	1187	20/01/2023	238	238	00		
21/01/2023	4532	4542	09	26618	27744	1126	21/01/2023	238	238	00		
22/01/2023	4542	4552	10	27744	28924	1180	22/01/2023	238	238	00		
23/01/2023	4552	4561	09	28924	30064	1140	23/01/2023	238	238	00		
24/01/2023	4561	4571	10	30064	31229	1165	24/01/2023	238	238	00		
25/01/2023	4571	4580	09	31229	32333	1104	25/01/2023	238	238	00		
26/01/2023	4580	4592	12	32333	33479	1146	26/01/2023	238	739	501		
27/01/2023	4592	4701	109	33479	34569	1090	27/01/2023	739	1292	553		
28/01/2023	4701	4712	11	34569	35660	1091	28/01/2023	1292	1292	00		
29/01/2023	4712	4726	14	35660	36723	1063	29/01/2023	1292	1292	00		
30/01/2023	4726	4741	15	36723	37802	1077	30/01/2023	1292	1298	06		
31/01/2023	4741	4763	22	37802	39220	1418	31/01/2023	1298	1299	01		

MODI SUGAR MILLS, MODINAGAR
 LOGBOOK For Power Turbine Flowmeter
 Season 2022-2023

MODI SUGAR MILLS, MODINAGAR
 LOGBOOK For Power Turbine Flowmeter
 Season 2022-2023

POWER TURBINE - 1			POWER TURBINE - 2			POWER TURBINE - 3			REMARKS	SIGNATURE		
DATE	INITIAL READING	FINAL READING	WATER METER (m ³ /day)	INITIAL READING	FINAL READING	WATER METER (m ³ /day)	DATE	INITIAL READING			FINAL READING	WATER METER (m ³ /day)
01.02.2023	4763	4797	34	39220	40562	1342	01.02.2023	1299	1303	04		
02.02.2023	4797	4808	11	40562	41827	1265	02.02.2023	1303	1306	03		
03.02.2023	4808	4832	24	41827	43051	1224	03.02.2023	1306	1317	11		
04.02.2023	4832	4849	17	43051	44251	1200	04.02.2023	1317	1319	02		
05.02.2023	4849	4898	49	44251	45417	1166	05.02.2023	1319	1323	04		
06.02.2023	4898	4967	69	45417	46568	1151	06.02.2023	1323	1324	01		
07.02.2023	4967	4987	20	46568	47738	1170	07.02.2023	1324	1324	00		
08.02.2023	4987	5029	42	47738	48923	1185	08.02.2023	1324	1324	00		
09.02.2023	5029	5046	17	48923	50122	1199	09.02.2023	1324	1324	00		
10.02.2023	5046	5063	17	50122	51299	1122	10.02.2023	1324	1324	00		
11.02.2023	5063	5070	7	51299	52411	1117	11.02.2023	1324	1324	00		
12.02.2023	5070	5116	46	52411	53548	1137	12.02.2023	1324	1324	00		
13.02.2023	5116			53548			13.02.2023	1324				

MODI SUGAR MILLS, MODINAGAR
LOG BOOK FOR VARIOUS FLOWMETERS - SEASON 2022- 2023

JANUARY-2023

DATE	BOILING HOUSE GLAND COOLING			AIR COMPRESSOR COOLING			VACUUM PUMP COOLING			SUPPLIER PURCHASE			REMARKS	SIGNATURE
	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY		
01/01/2023	394	409	15	630	800	170	1606	1784	178	153	180	27		
02/01/2023	409	455	46	800	980	180	1784	2060	276	180	210	30		
03/01/2023	455	494	39	980	118	20	2060	2352	292	210	242	32		
04/01/2023	494	496	02	118	140	22	2352	2612	260	242	267	25		
05/01/2023	496	497	01	140	161	21	2612	2832	220	267	295	28		
06/01/2023	497	531	34	161	179	18	2832	3027	192	295	327	32		
07/01/2023	531	572	41	179	197	18	3027	3242	218	327	361	34		
08/01/2023	572	621	49	197	216	19	3242	3472	230	361	379	38		
09/01/2023	621	682	61	216	238	22	3472	3657	187	379	430	31		
10/01/2023	682	735	53	238	259	21	3657	3906	247	430	460	30		
11/01/2023	735	799	64	259	278	19	3906	4050	144	460	484	24		
12/01/2023	799	877	78	278	302	24	4050	4210	160	484	508	24		
13/01/2023	877	948	71	302	325	23	4210	4410	200	508	535	27		
14/01/2023	948	991	43	325	349	24	4410	4599	189	535	553	18		
15/01/2023	991	1042	51	349	371	22	4599	4799	200	553	571	18		
16/01/2023	1042	1068	26	371	389	18	4799	5043	244	571	595	24		
17/01/2023	1068	1149	81	389	416	27	5043	5303	260	595	618	23		
18/01/2023	1149	1176	27	416	426	10	5303	5591	288	618	635	17		
19/01/2023	1176	1194	18	426	452	26	5591	5853	262	635	656	21		
20/01/2023	1194	1212	18	452	479	27	5853	6149	296	656	687	31		
21/01/2023	1212	1232	20	479	497	18	6149	6416	267	687	717	30		
22/01/2023	1232	1253	21	497	509	12	6416	6701	285	717	756	39		
23/01/2023	1253	1272	19	509	517	08	6701	6991	290	756	796	40		
24/01/2023	1272	1359	87	517	529	12	6991	7284	293	796	835	39		
25/01/2023	1359	1471	112	529	543	14	7284	7572	288	835	872	37		
26/01/2023	1471	1589	118	543	557	14	7572	7855	283	872	907	35		
27/01/2023	1589	1699	110	557	568	11	7855	8157	302	907	944	37		
28/01/2023	1699	1811	112	568	581	13	8157	8371	214	944	978	34		
29/01/2023	1811	1923	112	581	595	14	8371	8581	210	978	1012	34		
30/01/2023	1923	1976	53	595	607	12	8581	8677	96	1012	1045	33		
31/01/2023	1976	2066	90	607	628	21	8677	8955	278	1045	1079	34		

MODI SUGAR MILLS, MODINAGAR

LOG BOOK FOR VARIOUS FLOWMETERS - SEASON 2022-2023

FEBRUARY-2023

DAY	BOILING HOUSE GLAND COOLING			AIR COMPRESSOR COOLING			VACUUM PUMP COOLING			SULPHUR FURNACE			REMARKS	SIGNATURE
	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY		
01.02.2023	2066	2154	88	628	644	16	8955	9229	274	1079	1148	69		
02.02.2023	2154	2186	32	644	649	05	9229	9405	176	1148	1225	77		
03.02.2023	2186	2204	18	649	652	03	9405	9622	217	1225	1303	78		
04.02.2023	2204	2222	18	652	656	04	9622	9802	180	1303	1381	78		
05.02.2023	2222	2243	21	656	661	05	9802	10002	200	1381	1464	83		
06.02.2023	2243	2264	21	661	668	07	10002	10205	203	1464	1538	74		
07.02.2023	2264	2282	18	668	675	07	10205	10416	211	1538	1606	68		
08.02.2023	2282	2300	18	675	684	09	10416	10627	211	1606	1660	54		
09.02.2023	2300	2319	19	684	694	10	10627	10840	213	1660	1705	45		
10.02.2023	2319	2336	17	694	703	09	10840	11036	196	1705	1788	53		
11.02.2023	2336	2353	17	703	717	14	11036	11226	190	1788	1802	44		
12.02.2023	2353	2416	63	717	723	06	11226	11478	252	1802	1849	47		
13.02.2023	2416			723			11478			1849				

MODI SUGAR MILLS, MODINAGAR
LOG BOOK FOR VARIOUS FLOWMETERS - SEASON 2022-2023

JANUARY-2023

DATE	WATER TO MILL SHAK			WATER TO CENTRIFUGAL MACHINE		
	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY
01/01/2023	896	1052	156	739	853	114
02/01/2023	1052	1182	130	853	975	122
03/01/2023	1182	1336	154	975	1115	140
04/01/2023	1336	1479	143	1115	1255	140
05/01/2023	1479	1585	106	1255	1389	134
06/01/2023	1585	1716	131	1389	1524	135
07/01/2023	1716	1881	165	1524	1684	160
08/01/2023	1881	2036	155	1684	1842	158
09/01/2023	2036	2168	132	1842	1980	138
10/01/2023	2168	2336	168	1980	2139	159
11/01/2023	2336	2457	121	2139	2254	115
12/01/2023	2457	2612	155	2254	2382	128
13/01/2023	2612	2795	183	2382	2509	127
14/01/2023	2795	2960	165	2509	2623	114
15/01/2023	2960	3115	155	2623	2745	122
16/01/2023	3115	3273	158	2745	2856	111
17/01/2023	3273	3424	151	2856	2983	127
18/01/2023	3424	3599	175	2983	3147	164
19/01/2023	3599	3743	144	3147	3287	140
20/01/2023	3743	3915	172	3287	3443	156
21/01/2023	3915	4073	158	3443	3576	133
22/01/2023	4073	4248	175	3576	3734	158
23/01/2023	4248	4418	170	3734	3885	151
24/01/2023	4418	4589	171	3885	4025	140
25/01/2023	4589	4738	149	4025	4168	143
26/01/2023	4738	4914	176	4168	4325	157
27/01/2023	4914	5074	160	4325	4470	145
28/01/2023	5074	5249	175	4470	4638	168
29/01/2023	5249	5397	148	4638	4799	161
30/01/2023	5397	5458	61	4799	4921	122
31/01/2023	5458	5595	137	4921	5068	147

MASSICUTE COOLING WATER			REMARKS	SIGNATURE
INITIAL READING	FINAL READING	WATER METER/DAY		
222	275	53		
275	324	49		
324	376	52		
376	428	52		
428	479	51		
479	531	52		
531	582	51		
582	636	54		
636	685	49		
685	736	51		
736	789	53		
789	844	55		
844	898	54		
898	952	54		
952	1007	55		
1007	1059	52		
1059	1111	52		
1111	1165	54		
1165	1216	51		
1216	1272	56		
1272	1324	52		
1324	1379	55		
1379	1432	53		
1432	1486	54		
1486	1547	61		
1547	1608	61		
1608	1667	59		
1667	1720	53		
1720	1776	56		
1776	1830	54		
1830	1888	58		

MODI SUGAR MILLS MODINAGAR

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LOG BOOK FOR MILL BEARING COOLING FLOWMETER - SEASON 2022- 2023
JANUARY-2023

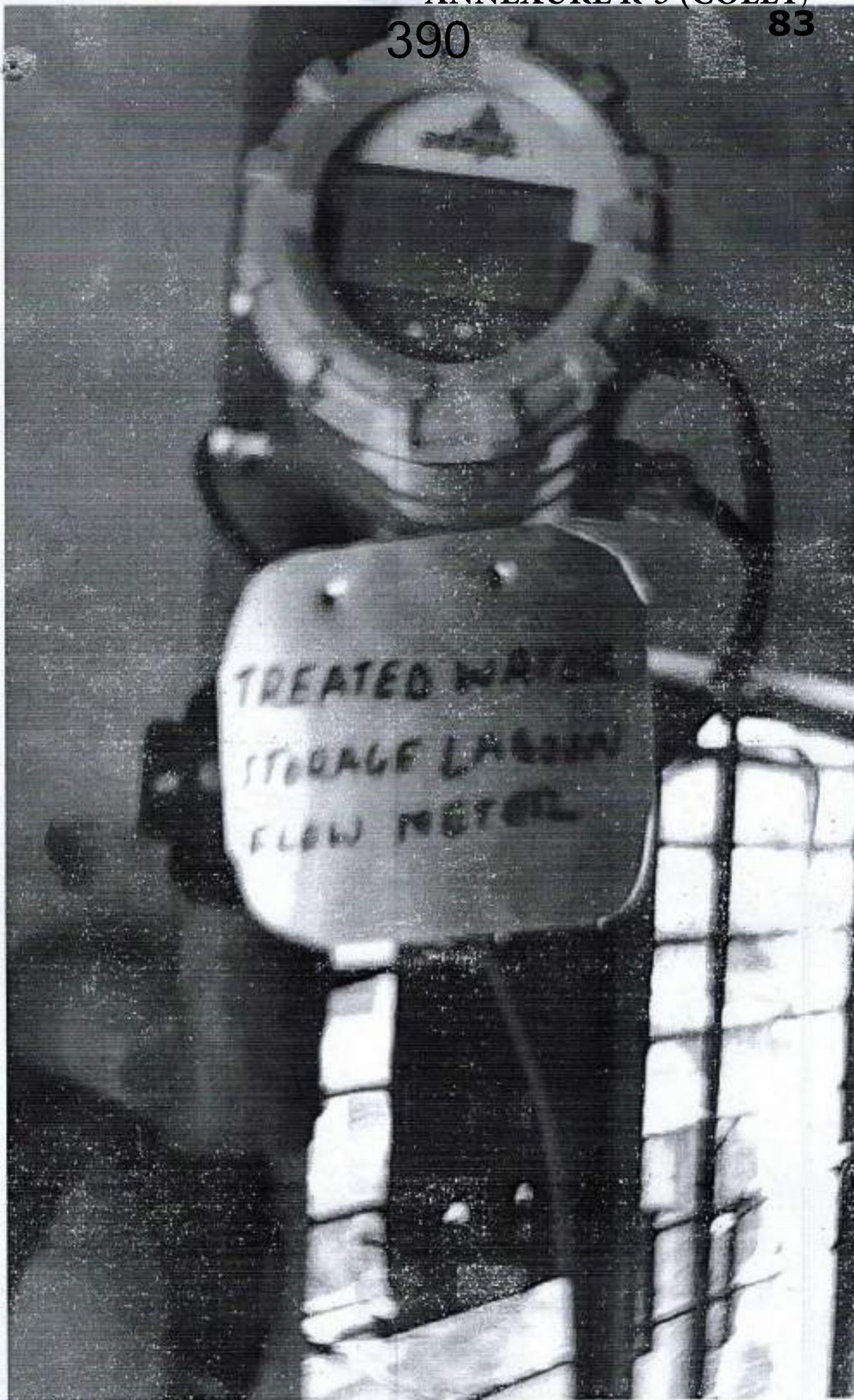
Date	MILL BEARING COOLING			REMARKS	SIGNATURE
	INITIAL READING	FINAL READING	WATER METER/DAY		
01/01/2023	2362	3026	664		B
02/01/2023	3026	3334	308		B
03/01/2023	3334	3358	24		B
04/01/2023	3358	3465	107		B
05/01/2023	3465	3906	441		B
06/01/2023	3906	4267	361		B
07/01/2023	4267	4663	396		B
08/01/2023	4663	5080	417		B
09/01/2023	5080	5494	414		B
10/01/2023	5494	5931	437		B
11/01/2023	5931	6430	499		B
12/01/2023	6430	7018	588		B
13/01/2023	7018	7637	619		B
14/01/2023	7637	8066	429		B
15/01/2023	8066	8439	373		B
16/01/2023	8439	8806	367		B
17/01/2023	8806	9157	351		B
18/01/2023	9157	9523	366		B
19/01/2023	9523	9894	371		B
20/01/2023	9894	10278	384		may
21/01/2023	10278	10655	377		may
22/01/2023	10655	11039	384		B
23/01/2023	11039	11494	455		B
24/01/2023	11494	12040	546		B
25/01/2023	12040	12557	517		B
26/01/2023	12557	12953	396		B
27/01/2023	12953	13328	375		B
28/01/2023	13328	13733	405		B
29/01/2023	13733	14213	480		B
30/01/2023	14213	14805	592		B
31/01/2023	14805	15393	588		B

MODI SUGAR MILLS, MODINAGAR

LOG BOOK FOR VARIOUS FLOWMETERS - SEASON 2022-2023

SEPTEMBER - 2023

DATE	FIBRIZER TURBINE COOLING			POWER TURBINE COOLING			REMARKS	SIGNATURE
	INITIAL READING	FINAL READING	WATER METER/DAY	INITIAL READING	FINAL READING	WATER METER/DAY		
01/09/2023	3095	3880	785	10798	12212	1414		B
02/09/2023	3880	4772	892	12212	13386	1174		B
03/09/2023	4772	5643	871	13386	14564	1178		B
04/09/2023	5643	6483	840	14564	15737	1173		B
05/09/2023	6483	7339	856	15737	16856	1119		B
06/09/2023	7339	8205	866	16856	17447	591		B
07/09/2023	8205	9115	910	17447	18619	1172		B
08/09/2023	9115	10045	930	18619	19412	793		B
09/09/2023	10045	10942	897	19412	19880	468		B
10/09/2023	10942	11815	873	19880	20883	1003		B
11/09/2023	11815	12728	913	20883	21791	908		B
12/09/2023	12728	13717	989	21791	23090	1299		B
13/09/2023	13717	14298	581	23090	23489	399		B
14/09/2023	14298	14614	316	23489	24264	775		B
15/09/2023	14614	15037	423	24264	25456	1192		B
16/09/2023	15037	15374	337	25456	26831	1375		B
17/09/2023	15374	15795	421	26831	27945	1114		B
18/09/2023	15795	16085	290	27945	29110	1165		B
19/09/2023	16085	16650	565	29110	30912	1082		B
20/09/2023	16650	17345	695	30912	31389	1197		WNS
21/09/2023	17345	18160	815	31389	32524	1135		WNS
22/09/2023	18160	18785	625	32524	33714	1190		B
23/09/2023	18785	19309	524	33714	34863	1149		B
24/09/2023	19309	20027	718	34863	36038	1175		B
25/09/2023	20027	20822	795	36038	37151	1113		B
26/09/2023	20822	21585	763	37151	38810	1659		B
27/09/2023	21585	22140	555	38810	40562	1752		B
28/09/2023	22140	22703	563	40562	41664	1102		B
29/09/2023	22703	23270	567	41664	42741	1077		B
30/09/2023	23270	23501	231	42741	43841	1100		B
31/09/2023	23501	23782	281	43841	45282	1441		B



Modi Sugar Mills, Moudmagar
 Treated Water Transfer from Storage Lagoon to Sugar Mill
 Record of Sugar Effluent Treatment Plant
 Crushing Season 2022-2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
16/11/2022	254	00	254 M ³	<u>Maq</u>	
17/11/2022	601	254	347 M ³	<u>Maq</u>	
18/11/2022	1213	601	612 M ³	<u>Maq</u>	
19/11/2022	1673	1213	460 m ³	<u>Maq</u>	
20/11/2022	2090	1673	417 M ³	<u>Maq</u>	
21/11/2022	2466	2090	376 M ³	<u>Maq</u>	
22/11/2022	2869	2466	403	<u>Maq</u>	

Maq
 Signature of Lab Incharge
 (E.O.)

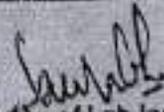
Modi Sugar Mills, Modinagar

Treated Water Transfer from Storage Lagoon to Sugar Mill

Record of Sugar Effluent Treatment Plant

Crushing Season 2022-2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
23/11/2022	3263	2869	394 m ³	<u>Handwritten Signature</u>	
24/11/2022	3722	3263	459 m ³	<u>Handwritten Signature</u>	
25/11/2022	4024	3722	302 m ³	<u>Handwritten Signature</u>	
26/11/2022	4444	4024	420 m ³	<u>Handwritten Signature</u>	
27/11/2022	4865	4444	421 m ³	<u>Handwritten Signature</u>	
28/11/2022	5316	4865	451 m ³ /D	<u>Handwritten Signature</u>	
29/11/2022	5707	5316	391 m ³ /D	<u>Handwritten Signature</u>	


 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
 Treated Water Transfer from Storage Lagoon to Sugar Mill
 Record of Sugar Effluent Treatment Plant
 Crushing Season 2022- 2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
30/11/2022	6253	5707	546 m ³	<u>Hand</u>	
01/12/2022	6813	6253	560 m ³	<u>Hand</u>	
02/12/2022	7498	6813	685 m ³	<u>Hand</u>	
03/12/2022	8390	7498	892 m ³	<u>Hand</u>	
04/12/2022	8948	8390	558 m ³	<u>Hand</u>	
05/12/2022	9566	8948	618 m ³	<u>Hand</u>	
06/12/2022	10035	9566	469 m ³	<u>Hand</u>	

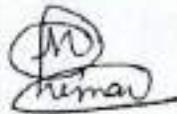
Saurabh
 Signature of Lab Incharge
 (E.O.)

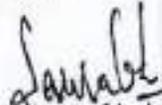
Modi Sugar Mills, Modinagar

Treated Water Transfer from Storage Lagoon to Sugar Mill

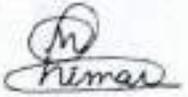
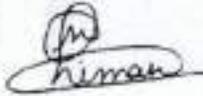
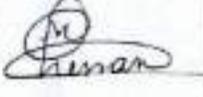
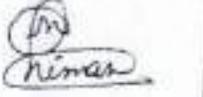
Record of Sugar Effluent Treatment Plant

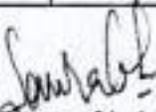
Crushing Season 2022- 2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
07/12/2022	10436	10035	401M ³	Jaymah	
08/12/2022	10929	10436	493M ³	Jaymah	
09/12/2022	11356	10929	427M ³	Jaymah	
10/12/2022	11704	11356	348M ³	May	
11/12/2022	12193	11704	489M ³	May	
12/12/2022	12578	12193	382M ³		
13/12/2022	13061	12578	483		


Signature of Lab Incharge
(E.O.)

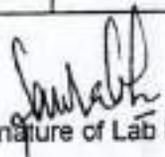
Modi Sugar Mills, Modinagar
 Treated Water Transfer from Storage Lagoon to Sugar Mill
 Record of Sugar Effluent Treatment Plant
 Crushing Season 2022-2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
14/12/22	13471	13061	410 m ³		
15/12/22	13792	13471	321 m ³		
16/12/22	14213	13792	421 m ³		
17/12/22	14635	14213	422 m ³		
18/12/22	15136	14635	501 m ³		
19/12/22	15768	15136	632 m ³		
20/12/22	16492	15768	724 m ³		


 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
 Treated Water Transfer from Storage Lagoon to Sugar Mill
 Record of Sugar Effluent Treatment Plant
 Crushing Season 2022- 2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
21/12/22	17198	16492	706 m ³		
22/12/22	17680	17198	482		
23/12/22	18626	17680	1046 m ³		
24/12/22	19319	18626	693 m ³		
25/12/22	19436	19319	117 m ³		
26/12/22	19976	19436	540 m ³		
27/12/22	20626	19976	650 m ³		

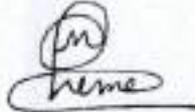

 Signature of Lab Incharge
 (E.O.)

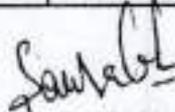
Modi Sugar Mills, Modinagar

Treated Water Transfer from Storage Lagoon to Sugar Mill

Record of Sugar Effluent Treatment Plant

Crushing Season 2022-2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
28/12/22	21046	20626	420 m ³		
29/12/22	21740	21046	694 m ³		
30/12/22	22206	21740	466 m ³		
31/12/22	22493	22206	287 m ³		
1/01/2023	22926	22493	433 m ³		
2/01/2023	23128	22926	202 m ³		
3/01/23	23489	23128	361 m ³		

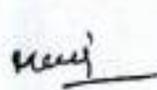
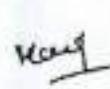
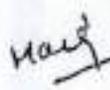

Signature of Lab Incharge
(E.O.)

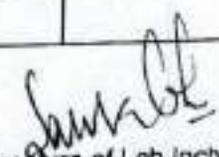
Modi Sugar Mills, Modinagar

Treated Water Transfer from Storage Lagoon to Sugar Mill

Record of Sugar Effluent Treatment Plant

Crushing Season 20²²20²³

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
4/1/23	23780	23489	291m ³		
5/1/23	24117	23780	337m ³		
6/1/23	24494	24117	377m ³		
07/01/2023	24928	24494	434m ³		
08/01/2023	25407	24928	479m ³		
09/01/2023	25858	25407	451m ³		
10/01/2023	26280	25858	422m ³		

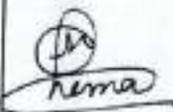

Signature of Lab Incharge
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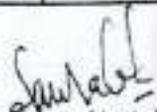
Modi Sugar Mills, Modinagar

Treated Water Transfer from Storage Lagoon to Sugar Mill

Record of Sugar Effluent Treatment Plant

Crushing Season 2022-2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
11/01/23	26708	26280	428m ³		
12/01/23	27242	26708	534 m ³		
13/01/23	27764	27242	522m ³		
14/01/23	28006	27764	242m ³		
15/01/23	28307	28006	301m ³		
16/01/23	29025	28307	718m ³		
17/01/23	29614	29025	589m ³		

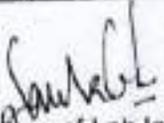

Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar

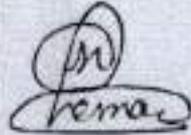
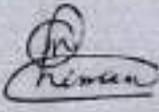
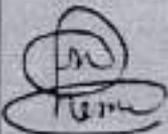
Treated Water Transfer from Storage Lagoon to Sugar Mill
Record of Sugar Effluent Treatment Plant

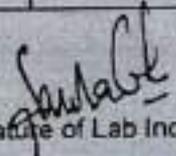
Crushing Season 2022- 2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
18/01/23	30169	29614	555m ³		
19/01/2023	30761	30169	592 M ³	<u>May</u>	
20/01/2023	31402	30761	641m ³		
21/01/2023	32043	31402	641 m ³	<u>May</u>	
22/01/2023	32555	32043	512m ³		
23/01/23	33187	32555	632m ³		
24/01/23	33875	33187	688 m ³		

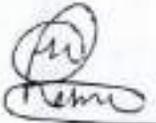

Signature of Lab Incharge
(E.O.)

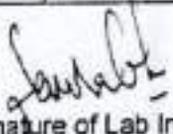
Modi Sugar Mills, Modinagar
 Treated Water Transfer from Storage Lagoon to Sugar Mill
 Record of Sugar Effluent Treatment Plant
 Crushing Season 2022-2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
25/01/23	34534	33875	659 m ³		
26/01/23	35066	34534	532 m ³		
27/01/23	35429	35066	363 m ³		
28/01/23	35934	35429	505 m ³		
29/01/23	36516	35934	582 m ³		
30/01/2023	36898	36514	384 m ³	uajj	
31/01/2023	37710	36898	812 m ³		


 Signature of Lab Incharge
 (EO)

Modi Sugar Mills, Modinagar
 Treated Water Transfer from Storage Lagoon to Sugar Mill
 Record of Sugar Effluent Treatment Plant
 Crushing Season 2022-2023

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
1/2/2023	36390	37710	6807m ³ /D		
2/02/2023	38975	38390	585 m ³ /D		
3/02/2023	39422	38975	447m ³ /D		
4/02/2023	39832	39422	410 m ³ /D		
5/02/2023	40411	39832	579m ³ /D		
6/2/23	41234	40411	823 m ³ /D		
7/02/23	41609	41234	375 m ³ /D		


 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
 Treated Water Transfer from Storage Lagoon to Sugar Mill
 Record of Sugar Effluent Treatment Plant
 Crushing Season 20 - 20

Date	Final Reading	Initial Reading	Total Water Transfer in 24 Hours	Signature	Remark
8/2/23	41787	41609	178m ³ /D		
9/2/23	41963	41787	176m ³ /D		
10/2/23	42370	41963	407m ³ /D		
11/2/23	42774	42370	404m ³ /D		
12/2/23	43222	42774	448m ³ /D		

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 03/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown							
2.	Temperature	°C	30					35°C±10°C		
3.	pH		6.6					5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	3120					250 mg/L		
5.	Total Dissolved Solids	Mg/L	2070					2100 mg/L		
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand							30 Mg/L		
8.	Total Suspended Solids							30 Mg/L		
9.										

Composite sample taken on 10:00 Am

[Signature]
Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar

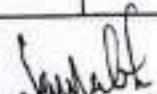
Daily Analysis Report of Effluent Treatment Plant

Crushing Season - 2022 - 2023

Date - 04/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow						
2.	Temperature	°C	35	32				35°C±10°C		
3.	pH		6.9	9.4				5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	3600	2160				250 mg/L		
5.	Total Dissolved Solids	Mg/L	1870	1790				2100 mg/L		
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand							30 Mg/L		
8.	Total Suspended Solids							30 Mg/L		
9.										

Composite sample taken on 11:00 AM


 Signature of Lab Incharge
 I.E.O

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 05/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	clear water	clear water		Manoj	
2.	Temperature	°C	36	33	31	29	28	27.5	35°C±10°C	Manoj	
3.	pH		7.2	9.7	8.8	7.3	7.9	8.17	5.5-8.5 pH	Manoj	
4.	Chemical Oxygen Demand	Mg/L	2800	2480	1760	1040	320	88	250 mg/L	Manoj	
5.	Total Dissolved Solids	Mg/L	2170	1950	1430	1270	1150	1010	2100 mg/L	Manoj	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						2800		Mg/L	Manoj	

Composite sample taken on 12:00 PM

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 06/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		Manoj	
2.	Temperature	°C	37	35	34	30	27	26.4	35°C±10°C	Manoj	
3.	pH		7.0	9.5	8.7	7.5	7.9	8.19	5.5-8.5 pH	Manoj	
4.	Chemical Oxygen Demand	Mg/L	3440	2720	2000	1200	560	120	250 mg/L	Manoj	
5.	Total Dissolved Solids	Mg/L	2320	2100	1730	1620	1330	1130	2100 mg/L	Manoj	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						2960		Mg/L	Manoj	

MLVSS Sample taken on 10:00 AM

2200

Mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 07/11/2022

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Black Brown	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		<i>Handwritten Signature</i>	
2.	Temperature	°C	40	37	32	30	27	26.7	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		7.1	9.5	8.6	7.3	8.0	8.29	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	3280	2560	2160	1360	400	104	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	2170	1980	1730	1510	1270	987	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3080		Mg/L	<i>Handwritten Signature</i>	

MLVSS (Composite Sample - taken on 11:00 Am)

2360

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 08/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Brown Black	clear water	Clear water		Hand
2.	Temperature	°C	37	35	33	31	28	27	35°C±10°C	Hand
3.	pH		7.3	9.7	8.8	7.3	7.8	7.73	5.5-8.5 pH	Hand
4.	Chemical Oxygen Demand	Mg/L	3760	2240	1840	1280	640	136	250 mg/L	Hand
5.	Total Dissolved Solids	Mg/L	2320	1910	1620	1430	1250	1110	2100 mg/L	Hand
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3520		Mg/L	Hand

mlvss₅ Composite Sample taken on 01:00 pm 2022

Mg/L

[Signature]
Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 09/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		Mans	
2.	Temperature	°C	40	37	34	32	30	28	35°C±10°C	Mans	
3.	pH		7.3	9.9	8.8	7.2	7.8	7.79	5.5-8.5 pH	Mans	
4.	Chemical Oxygen Demand	Mg/L	4000	3600	2400	1120	480	96	250 mg/L	Mans	
5.	Total Dissolved Solids	Mg/L	2570	2100	1820	1230	1090	979	2100 mg/L	Mans	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3600		14g/L	Mans	

MLVSS Composite Sample taken on 01:00 PM

2520

14g/L

[Signature]
Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 10/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Black Brown	Clear water	Clear water		Handwritten	
2.	Temperature	°C	38	34	32	30	26	24	35°C±10°C	Handwritten	
3.	pH		6.6	9.2	8.3	7.3	7.6	7.73	5.5-8.5 pH	Handwritten	
4.	Chemical Oxygen Demand	Mg/L	4320	3440	2720	1680	800	144	250 mg/L	Handwritten	
5.	Total Dissolved Solids	Mg/L	2890	2170	1890	1330	1250	1030	2100 mg/L	Handwritten	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3720		Mg/L	Handwritten	

10. MLVSS

2827.2

Mg/L

Composite Sample taken on 10:00 AM

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 11/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Black Brown	Black Brown	Pale Yellow	Brown Black	clear water	clear water		Handwritten signature	
2.	Temperature	°C	39	34	32	30	27	26	35°C±10°C	Handwritten signature	
3.	pH		7.0	9.5	8.4	7.4	7.6	7.62	5.5-8.5 pH	Handwritten signature	
4.	Chemical Oxygen Demand	Mg/L	4640	3920	2640	1840	640	160	250 mg/L	Handwritten signature	
5.	Total Dissolved Solids	Mg/L	2130	1990	1830	1630	1350	1090	2100 mg/L	Handwritten signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3560		Mg/L	Handwritten signature	

10. MLVSS

Sample taken on 12:00 PM

2812.4

Mg/L

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 12/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		Mansingh
2.	Temperature	°C	40	35	33	31	30	26	35°C±10°C	Mansingh
3.	pH		7.0	9.3	8.6	7.3	7.6	7.73	5.5-8.5 pH	Mansingh
4.	Chemical Oxygen Demand	Mg/L	3920	3280	2320	1360	560	128	250 mg/L	Mansingh
5.	Total Dissolved Solids	Mg/L	2730	2270	2060	1720	1120	1040	2100 mg/L	Mansingh
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3440		Mg/L	Mansingh

10 MLVSS

2752

Mg/L

Signature of Lab Incharge
[E.O.]

Composite Sample taken on 01:00 PM

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

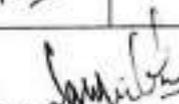
Date - 13/11/2022

S. No	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		Mans	
2.	Temperature	°C	35	32	30	29	25	23	35°C±10°C	Mans	
3.	pH		6.7	9.4	8.1	7.2	7.5	7.68	5.5-8.5 pH	Mans	
4.	Chemical Oxygen Demand	Mg/L	3520	2560	2160	1120	400	112	250 mg/L	Mans	
5.	Total Dissolved Solids	Mg/L	2150	1690	1530	1350	1420	1210	2100 mg/L	Mans	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3360		Mg/Lit	Mans	

10 MLSS Sample taken on 8:00 PM

25872

Mg/lit


 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
 Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 14/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Light Yellow	Brown Black	Clear water	clear water		
2.	Temperature	°C	37	34	33	30	27	26	35°C±10°C	
3.	pH		7.3	9.6	8.7	7.3	7.9	7.92	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4000	2720	1920	1040	480	152	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2020	1780	1580	1470	1370	1260	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3320		Mg/L	

10. MLVSS

2456.8

Mg/L

Composite Sample taken on 09:00 AM

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 15/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Pale yellow	Pale yellow	Brown Black	clear water	clear water			
2.	Temperature	°C	42	35	32	31	29	28	35°C±10°C		
3.	pH		6.9	9.0	8.2	7.2	7.7	7.65	5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	3760	2480	2240	1280	640	136	250 mg/L		
5.	Total Dissolved Solids	Mg/L	2140	2030	1820	1470	1190	1010	2100 mg/L		
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3200		4g/L		

10. MLSS Sample taken on 11:00 Am

2320

4g/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 16/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Black Brown	clear Water	clear Water		Handwritten signature
2.	Temperature	°C	42	35	33	31	30	29	35°C±10°C	Handwritten signature
3.	pH		7.2	9.5	8.4	7.3	7.8	7.78	5.5-8.5 pH	Handwritten signature
4.	Chemical Oxygen Demand	Mg/L	4160	3520	2640	1440	800	144	250 mg/L	Handwritten signature
5.	Total Dissolved Solids	Mg/L	2430	2040	1630	1590	1130	1080	2100 mg/L	Handwritten signature
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3280		Mg/L	Handwritten signature

10. MLSS Sample taken on 01:00 pm

2525.6

Mg/L

Handwritten signature
Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 17/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Black Brown	Pale Yellow	Pale Yellow	Brown Black	Clear Water	Clear Water		<i>Handwritten Signature</i>	
2.	Temperature	°C	38	35	34	32	28	26	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		6.5	9.3	8.5	7.4	7.8	7.64	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	4400	3360	2800	1200	560	128	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	2390	2170	1840	1790	1420	1040	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3680		Mg/L	<i>Handwritten Signature</i>	

10. MLSS

Sample taken on 09:00 Am

27968

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 18/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	clear water	clear water		Manoj	
2.	Temperature	'C	37	34	32	30	27	26	35°C±10°C	Manoj	
3.	pH		6.7	9.1	8.4	7.2	7.5	7.59	5.5-8.5 pH	Manoj	
4.	Chemical Oxygen Demand	Mg/L	3840	2960	2320	960	240	104	250 mg/L	Manoj	
5.	Total Dissolved Solids	Mg/L	2530	2480	1700	1380	1060	845	2100 mg/L	Manoj	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3600		Mg/L	Manoj	

10. MLSS Sample taken on 09:00 AM

2620

Mg/L

Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 19/11/2022

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		<i>Handwritten</i>
2	Temperature	°C	37	35	32	30	28	27	35°C±10°C	<i>Handwritten</i>
3	pH		6.8	9.2	8.5	7.3	7.6	7.00	5.5-8.5 pH	<i>Handwritten</i>
4	Chemical Oxygen Demand	Mg/L	4240	3200	2480	1360	400	120	250 mg/L	<i>Handwritten</i>
5	Total Dissolved Solids	Mg/L	2120	1920	1760	1640	1000	876	2100 mg/L	<i>Handwritten</i>
6	Sulphates	Mg/L								
7	Biochemical Oxygen Demand								30 Mg/L	
8	Total Suspended Solids								30 Mg/L	
9	MLSS						3360		mg/L	<i>Handwritten</i>

10. MLVSS

2587.2

Mg/L

Composite Sample taken

Handwritten Signature
Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 20/11/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Light Brown	pale Yellow	Light Yellow	Brown Black	clear water	clear water		<i>Handwritten signature</i>	
2.	Temperature	°C	39	37	35	32	30	28	35°C±10°C	<i>Handwritten signature</i>	
3.	pH		6.5	9.2	8.1	7.2	7.8	7.73	5.5-8.5 pH	<i>Handwritten signature</i>	
4.	Chemical Oxygen Demand	Mg/L	3920	2720	2080	1120	320	136	250 mg/L	<i>Handwritten signature</i>	
5.	Total Dissolved Solids	Mg/L	2290	2050	1870	1630	1290	1000	2100 mg/L	<i>Handwritten signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3320		Mg/L	<i>Handwritten signature</i>	

10. MLSS

Sample taken on 02:00 PM

25564

Mg/L

Handwritten signature
 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 21/11/2022

S No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		<i>Handwritten Signature</i>	
2.	Temperature	°C	41	37	35	33	29	27	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		6.6	9.4	8.8	7.3	7.7	7.7	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	3600	3120	2000	800	240	88	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	2160	2030	1540	1370	985	860	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3480		Mg/L	<i>Handwritten Signature</i>	

10. MLSS

Sample taken on 11:00 Am

2680

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
 Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 22/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		Handwritten Signature	
2.	Temperature	°C	38	25	34	32	29	28	35°C±10°C	Handwritten Signature	
3.	pH		7.0	9.5	8.9	7.3	7.5	7.53	5.5-8.5 pH	Handwritten Signature	
4.	Chemical Oxygen Demand	Mg/L	3200	2560	2160	720	160	72	250 mg/L	Handwritten Signature	
5.	Total Dissolved Solids	Mg/L	2040	1670	1320	1110	960	860	2100 mg/L	Handwritten Signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3400		Mg/L	Handwritten Signature	

Composite Sample taken on 12:00 pm

MLSS → 2640

mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 23/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		Manoj	
2.	Temperature	°C	38	36	34	32	29	28.3	35°C±10°C	Manoj	
3.	pH		6.9	9.2	8.4	7.2	7.7	7.67	5.5-8.5 pH	Manoj	
4.	Chemical Oxygen Demand	Mg/L	3440	2800	2400	1040	320	96	250 mg/L	Manoj	
5.	Total Dissolved Solids	Mg/L	2130	1840	1590	1210	989	877	2100 mg/L	Manoj	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3440		Mg/L	Manoj	

10. MLVSS

Sample taken on 11:00 Am

25/11-2

Mg/L

Manoj
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 24/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		<i>Handwritten Signature</i>	
2.	Temperature	°C	39	35	33	30	28	27.4	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		7.1	9.3	8.7	7.2	7.6	7.62	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	3680	2640	1920	640	160	64	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	1730	1680	1420	1280	820	749	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3600		Mg/L	<i>Handwritten Signature</i>	

10. MLVSS

Sample taken on 10:00 AM

2736

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 25/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		<i>Handwritten</i>	
2.	Temperature	°C	38	36	33	31	29	28.7	35°C±10°C	<i>Handwritten</i>	
3.	pH		6.8	9.0	8.2	7.2	7.8	7.76	5.5-8.5 pH	<i>Handwritten</i>	
4.	Chemical Oxygen Demand	Mg/L	3120	2880	2080	880	320	104	250 mg/L	<i>Handwritten</i>	
5.	Total Dissolved Solids	Mg/L	2040	1790	1620	1190	997	812	2100 mg/L	<i>Handwritten</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3640		Mg/L	<i>Handwritten</i>	

1. MLSS Sample taken on 12:00 PM

2766.4

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 26/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet				
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Brown Black	clear Water	clear Water		<i>Handwritten Signature</i>		
2.	Temperature	°C	40	36	33	32	29	27.4	35°C±10°C	<i>Handwritten Signature</i>		
3.	pH		6.7	9.8	8.3	7.1	7.6	7.70	5.5-8.5 pH	<i>Handwritten Signature</i>		
4.	Chemical Oxygen Demand	Mg/L	4160	3520	2560	1600	400	120	250 mg/L	<i>Handwritten Signature</i>		
5.	Total Dissolved Solids	Mg/L	2440	2070	1690	1500	950	749	2100 mg/L	<i>Handwritten Signature</i>		
6.	Sulphates	Mg/L										
7.	Biochemical Oxygen Demand								30 Mg/L			
8.	Total Suspended Solids								30 Mg/L			
9.	MLSS						3760		Mg/L	<i>Handwritten Signature</i>		
10.	MLVSS		Sample taken on 10:00 AM				2932.8			Mg/L	<i>Handwritten Signature</i>	

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 27/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Brown Black	Clear water	Clear water		<i>Handwritten</i>	
2.	Temperature	°C	39	37	35	33	29	28.3	35°C±10°C	<i>Handwritten</i>	
3.	pH		6.9	4.0	8.9	7.2	7.6	7.76	5.5-8.5 pH	<i>Handwritten</i>	
4.	Chemical Oxygen Demand	Mg/L	3840	3040	2320	1440	640	136	250 mg/L	<i>Handwritten</i>	
5.	Total Dissolved Solids	Mg/L	1950	1670	1430	1320	1090	987	2100 mg/L	<i>Handwritten</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3600		Mg/L	<i>Handwritten</i>	

Sample taken on 01:00 PM MLSS-2600

mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 28/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		Hand	
2.	Temperature	°C	38	36	34	32	28	27.2	35°C±10°C	Hand	
3.	pH		6.7	9.2	8.8	7.2	7.9	7.82	5.5-8.5 pH	Hand	
4.	Chemical Oxygen Demand	Mg/L	4320	3200	2480	1040	480	88	250 mg/L	Hand	
5.	Total Dissolved Solids	Mg/L	2040	1770	1580	1290	1020	981	2100 mg/L	Hand	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3840		Mg/L	Hand	

10. MLSS Sample taken on 11:00 Am

3072

Mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 29/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		<i>Handwritten Signature</i>	
2.	Temperature	°C	37	35	34	31	28	26.6	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		6.9	9.5	8.7	7.3	7.8	7.83	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	2720	1920	1520	640	160	72	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	2070	2030	1840	1650	1130	1000	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3400		Mg/L	<i>Handwritten Signature</i>	

10. MLSS

Sample taken on 08:00 Am

2380

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 30/11/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Pale Yellow	Brown Black	Clear Water	Clear Water		Naig	
2.	Temperature	°C	39	34	32	31	28	27.1	35°C±10°C	Naig	
3.	pH		6.4	9.0	8.5	7.3	7.7	7.75	5.5-8.5 pH	Naig	
4.	Chemical Oxygen Demand	Mg/L	3920	3520	2160	880	240	80	250 mg/L	Naig	
5.	Total Dissolved Solids	Mg/L	2170	2040	1590	1370	890	734	2100 mg/L	Naig	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						2880		Mg/L	Naig	

ie. MLSS Sample taken on 10:00 Am

2832.4

Mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 01/12/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Brown Black	clear Water	clear Water		Handwritten signature
2.	Temperature	°C	39	37	34	32	28	27.5	35°C±10°C	Handwritten signature
3.	pH		6.9	9.3	8.2	7.3	7.7	7.76	5.5-8.5 pH	Handwritten signature
4.	Chemical Oxygen Demand	Mg/L	4240	3360	2320	960	400	104	250 mg/L	Handwritten signature
5.	Total Dissolved Solids	Mg/L	2530	2270	1830	1550	890	768	2100 mg/L	Handwritten signature
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3320		mg/L	Handwritten signature

MLSS

Sample taken on 01/12/2022 at 12:00 PM 2240

mg/L

[Handwritten Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 02/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Black Brown	Black Brown	Pale Yellow	Brown Black	clear water	clear water			
2.	Temperature	°C	38	35	33	31	27	25.1	35°C±10°C		
3.	pH		7.5	9.9	9.0	7.3	7.9	8.08	5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	4720	4000	3120	1360	640	120	250 mg/L		
5.	Total Dissolved Solids	Mg/L	2430	2150	1940	1420	1030	890	2100 mg/L		
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3680		mg/L		

10. MLSS

Sample taken on 09:00 AM

2833.6

Mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 03/12/2022

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Black Brown	clear water	clear water		<i>Handwritten Signature</i>
2.	Temperature	°C	40	36	34	31	28	27.2	35°C±10°C	<i>Handwritten Signature</i>
3.	pH		6.9	9.1	8.2	7.2	7.7	7.83	5.5-8.5 pH	<i>Handwritten Signature</i>
4.	Chemical Oxygen Demand	Mg/L	4400	3680	2720	1120	560	112	250 mg/L	<i>Handwritten Signature</i>
5.	Total Dissolved Solids	Mg/L	2150	2010	1930	1620	1090	912	2100 mg/L	<i>Handwritten Signature</i>
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3440		Mg/L	<i>Handwritten Signature</i>

Sample taken on 11:00 AM

MLSS - 2720

Mg/L

Handwritten Signature
Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 04/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	clear water	clear water		<i>Handwritten Signature</i>	
2.	Temperature	°C	38	36	34	31	29	28.0	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		6.8	9.2	8.8	7.2	7.6	7.74	6.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	3760	2400	2000	1040	480	136	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	1990	1620	1530	1320	1000	897	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3680		Mg/L	<i>Handwritten Signature</i>	

Composite Sample taken on 02:00 PM MLSS - 2960

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 05/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Pale Yellow	Light Yellow	Black Brown	Clear Water	Clear Water			
2.	Temperature	°C	41	35	34	31	29	28.1	35°C ± 10°C		
3.	pH		7.0	9.7	8.3	7.3	7.6	7.71	5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	4000	2720	2240	1200	320	88	250 mg/L		
5.	Total Dissolved Solids	Mg/L	1820	1730	1560	1320	977	830	2100 mg/L		
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3760		ug/L		

Composite Sample taken on 12:00pm

MLSS - 3000

ug/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 06/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Yellow	Pale Yellow	Light Yellow	Brown Black	clear water	clear water		<i>Handwritten Signature</i>	
2.	Temperature	°C	38	35	32	30	28	27.3	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		6.7	9.1	8.4	7.3	7.6	7.79	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	3840	3440	2560	1120	480	104	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	2140	2070	1670	1540	993	860	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3520		Mg/L	<i>Handwritten Signature</i>	

1. MLSS Sample taken on 09:00 Am

2851.2

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 07/12/2022

S. No	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		light Brown	Pale Yellow	Pale Yellow	Brown Black	clear Water	clear water		Jaynash	
2.	Temperature	°C	39	34	34	31	29	26.2	35°C±10°C	Jaynash	
3.	pH		6.5	9.0	8.2	7.2	7.7	7.81	5.5-8.5 pH	Jaynash	
4.	Chemical Oxygen Demand	Mg/L	3520	2560	2160	1280	400	96	250 mg/L	Jaynash	
5.	Total Dissolved Solids	Mg/L	2330	2140	1720	1510	1020	892	2100 mg/L	Jaynash	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3800		Mg/L	Jaynash	

Sample taken on 09:30 AM

MLSS - 2760

Mg/L

Saurabh
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 08/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Black Brown	Pale Yellow	Pale Yellow	light Brown	clear Water	clear Water		Jaymesh	
2.	Temperature	°C	31	30	29	29	30	25.8	35°C±10°C	Jaymesh	
3.	pH		6.9	9.5	8.6	7.2	7.7	7.84	5.5-8.5 pH	Jaymesh	
4.	Chemical Oxygen Demand	Mg/L	3280	2480	1760	1120	640	112	250 mg/L	Jaymesh	
5.	Total Dissolved Solids	Mg/L	2040	1930	1660	1420	990	910	2100 mg/L	Jaymesh	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3560		Mg/L	Jaymesh	

Sample Taken on 09:15AM

MLSS - 2560

Mg/L

Jaymesh
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 09/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Light Yellow	Light Yellow	Brown	Clear water	Clear water		Jaymesh	
2.	Temperature	°C	32	30	29	28	29	25.6	35°C±10°C	Jaymesh	
3.	pH		6.9	9.8	9.4	6.9	7.6	7.79	5.5-8.5 pH	Jaymesh	
4.	Chemical Oxygen Demand	Mg/L	4240	3680	3120	1440	560	72	250 mg/L	Jaymesh	
5.	Total Dissolved Solids	Mg/L	1860	1730	1620	1410	898	846	2100 mg/L	Jaymesh	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3920		Mg/L	Jaymesh	

Sample Taken on 10:30 AM

MLVSS - 3000

Mg/L

Saurabh
 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 10/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		light Broun	Pale Yellow	light Yellow	Broun	Clear water	clear water		naip	
2.	Temperature	°C	34	31	30	30	28	27.1	35°C±10°C	naip	
3.	pH		6.7	9.4	9.2	7.0	7.5	7.67	5.5-8.5 pH	naip	
4.	Chemical Oxygen Demand	Mg/L	3680	2880	2320	1040	320	88	250 mg/L	naip	
5.	Total Dissolved Solids	Mg/L	2430	2170	1910	1450	1290	967	2100 mg/L	naip	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3760		mg/L	naip	

Sample taken on 12:00 pm

MLSS - 2920

mg/L

Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar

Daily Analysis Report of Effluent Treatment Plant

Crushing Season - 2022 - 2023

Date - 11/12/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Light Brown	Clear Water	Clear water		Mansingh
2.	Temperature	°C	36	34	32	29	28	27.2	35°C±10°C	Mansingh
3.	pH		7.0	9.8	8.7	7.0	7.6	7.74	5.5-8.5 pH	Mansingh
4.	Chemical Oxygen Demand	Mg/L	4640	3840	2960	1200	480	120	250 mg/L	Mansingh
5.	Total Dissolved Solids	Mg/L	2670	1830	1650	1320	1210	1000	2100 mg/L	Mansingh
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3480		Mg/L	Mansingh

Composite Sample taken on 12:20 pm

MLSS - 2480

Mg/L

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 12/12/2022

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		
2.	Temperature	°C	38	32	29	28	27	25.9	35°C±10°C	
3.	pH		7.0	9.3	8.8	7.1	7.7	7.83	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3920	2720	2080	1120	320	136	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2290	2050	1870	1630	1290	1000	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS							3620	Mg/L	

10. MLVSS

Sample taken on 10:00am

2787.4 mg/L

[Signature]
 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 13/12/2022

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Black	Pale Yellow	Light Yellow	Brown	Clear Water	Clear Water		<i>[Signature]</i>	
2.	Temperature	°C	34	33	31	29	26	25.3	35°C±10°C	<i>[Signature]</i>	
3.	pH		7.0	9.6	8.5	7.4	7.6	7.79	5.5-8.5 pH	<i>[Signature]</i>	
4.	Chemical Oxygen Demand	Mg/L	4000	3280	2400	1040	880	128	250 mg/L	<i>[Signature]</i>	
5.	Total Dissolved Solids	Mg/L	2040	1930	1660	1420	990	910	2100 mg/L	<i>[Signature]</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3540		Mg/L	<i>[Signature]</i>	
10.	MLVSS						2761.2		Mg/L	<i>[Signature]</i>	

Sample taken on 11:00am

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 14/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Light Brown	Clear water	Clear water		
2.	Temperature	°C	34	32	30	28	25	23.1	35°C±10°C	
3.	pH		6.9	9.5	8.6	7.5	7.7	7.75	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4080	2960	2240	1280	720	144	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2140	2080	1690	1530	993	850	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3430		Mg/L	
10.	MLVSS						2662		Mg/L	

Sample taken on 10:00 am

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 15/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	37	35	33	31	27	24.0	35°C±10°C	
3.	pH		6.8	9.7	8.5	7.4	7.8	7.72	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4160	3040	2080	1440	480	136	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2220	1640	1550	1340	1000	797	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3350		Mg/L	
10.	MLVSS						2479		Mg/L	

Sample taken on 10:00am

Santosh
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 16/12/22

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water			
2.	Temperature	°C	42	35	31	29	19	13.0	35°C ± 10°C		
3.	pH		7.4	9.6	8.4	7.5	7.7	7.67	5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	3760	2800	2000	1040	320	120	250 mg/L		
5.	Total Dissolved Solids	Mg/L	2290	2050	1870	1630	1290	1000	2100 mg/L		
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3390		Mg/L		

10. MLVSS

Sample taken 10:00 am

26/0.3

Mg/L

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 17/12/21

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Black	Pale Yellow	Pale Yellow	Light Brown	Clear water	Clear water		
2.	Temperature	°C	37	34	32	30	26	24.8	35°C±10°C	
3.	pH		6.9	9.4	8.5	7.6	7.8	7.90	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3840	2960	2080	1200	320	104	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2350	2140	1720	1020	990	910	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3480		Mg/L	

10. MLSS

Sample taken 10:00 am

2540.4

Mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 18/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Pale Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	34	32	30	28	24	22.6	35°C±10°C	
3.	pH		7.0	9.9	8.8	7.6	7.9	7.90	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3680	2800	1920	1040	480	112	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2070	2030	1850	1660	1150	892	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3560		mg/L	
10.	MLVSS						2776.8		mg/L	

Sample taken on 10:00am

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 19/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	37	34	32	30	24	23.2	35°C±10°C	
3.	pH		6.6	9.7	8.7	7.7	7.8	7.85	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3520	2640	1760	960	320	96	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2550	1930	1640	1230	1090	979	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3600		mg/L	

10. MLSS

2700

mg/L

Sample taken on 10:00am

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 20/12/22

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Peekle Yellow	Light Yellow	Brown Black	clear water	clear water		
2.	Temperature	°C	25	23	21	19	15	14.3	35°C ± 10°C	
3.	pH		7.1	9.6	8.5	7.6	7.8	7.60	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4080	3040	2240	1360	640	120	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2150	1840	1590	1210	1090	877	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3670		Mg/L	

1. MLSS

2642.4

Mg/L

Sample taken on 10:00 am

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date 21/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Light Yellow	Light Yellow	Brown Black	Clear Water	Clear Water		
2.	Temperature	°C	40	38	36	34	28	26-3	35°C±10°C	
3.	pH		7.0	9.7	8.7	7.4	7.7	7.96	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3600	2800	2240	800	400	88	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2180	2030	1540	1370	975	850	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						2850		Mg/L	

10. MLVSS

2849

mg/L

Sample taken on 11:00am

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 22-12-22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		
2.	Temperature	°C	36	34	32	31	27	26.5	35°C±10°C	
3.	pH		7.0	9.5	8.7	7.4	7.9	7.77	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3520	2480	1760	880	560	104	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1950	1640	1320	1280	1040	817	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3920		Mg/L	
10.	MLVSS						2783.2		Mg/L	

Sample taken on 11:00 am

Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar
 Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 23-12-22

Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
		Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
Colour		Brown Black	Light Yellow	Light Yellow	Brown Black	Clear water	Clear water		<i>[Signature]</i>	
Temperature	°C	36	34	32	30	26	24.3	35°C±10°C	<i>[Signature]</i>	
pH		7.2	9.8	8.6	7.5	7.7	7.75	5.5-8.5 pH	<i>[Signature]</i>	
Chemical Oxygen Demand	Mg/L	4720	3440	2480	640	320	112	250 mg/L	<i>[Signature]</i>	
Total Dissolved Solids	Mg/L	2580	2170	1840	1190	1050	997	2100 mg/L	<i>[Signature]</i>	
Sulphates	Mg/L									
Biochemical Oxygen Demand								30 Mg/L		
Total Suspended Solids								30 Mg/L		
MLSS						4080		Mg/L	<i>[Signature]</i>	

MLVSS

3141.6

Mg/L

sample taken on 11:00 am

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 24th Dec 2022

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Pale Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	35	32	30	28.5	27	24.8	35°C±10°C	
3.	pH		7.0	9.4	8.5	7.6	7.7	7.8	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4400	3180	2560	960	720	104	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2460	2080	1750	1200	1060	980	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						4540		mg/L	

10. MLSS

Sample taken 9:00 am

3405

mg/L

[Signature]
Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 25/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		
2.	Temperature	°C	38	37	33	30	26	25.5	35°C±10°C	
3.	pH		6.6	9.8	8.6	7.5	7.8	7.83	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3920	2960	2000	960	480	96	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2140	1930	1750	1380	1000	877	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						4290		Mg/L	

10. MLVSS

3432

Mg/L

Sample taken on 11:00am

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 26/12/22

Sl. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Pale Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		Sah
2.	Temperature	°C	37	34	31	29	27	26.5	35°C±10°C	San
3.	pH		7.0	9.5	8.4	7.4	7.7	7.8	5.5-8.5 pH	Sah
4.	Chemical Oxygen Demand	Mg/L	4400	3920	3040	880	960	120	250 mg/L	Sah
5.	Total Dissolved Solids	Mg/L	2140	1830	1560	1200	1050	920	2100 mg/L	Sah
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						4320		mg/L	Sah

10. MLVSS

2980.8

mg/L

Sample taken on 11:00 am

Sah
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
 Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 27/12/22

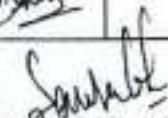
Sl. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	35	33	31	29	26	25.5	35°C±10°C	
3.	pH		7.1	9.6	8.8	7.4	7.6	7.81	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	2800	2000	1440	640	320	88	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1950	1620	1230	1000	977	789	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						4600		Mg/L	

10. MLVSS

3680

Mg/L

Sample taken on 12:00 am


 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 28/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Light Yellow	— Pale Yellow	Pale Yellow	Light Yellow	Clear water	Clear water		<i>[Signature]</i>	
2.	Temperature	°C	42	39	36	33	26	25.9	35°C ± 10°C	<i>[Signature]</i>	
3.	pH		6.7	9.6	8.5	7.5	7.7	7.75	5.5-8.5 pH	<i>[Signature]</i>	
4.	Chemical Oxygen Demand	Mg/L	3200	2880	1200	640	480	144	250 mg/L	<i>[Signature]</i>	
5.	Total Dissolved Solids	Mg/L	2030	1940	1560	1320	990	910	2100 mg/L	<i>[Signature]</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						4250		mg/L	<i>[Signature]</i>	

10. MLSS

Sample taken 11:00 am

3315

mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 29/1/22

Sl. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	41	39	37	35	29	26.3	35°C±10°C	
3.	pH		7.0	9.6	8.6	7.5	7.9	7.72	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3360	2480	2080	960	480	128	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2050	1940	1630	1250	1130	977	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3940		Mg/L	

10. MLVSS

2797.4

Mg/L

Sample taken on 11:00 am

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 30/12/22

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Red Yellow	Light Yellow	Broad Black	Clear water	Clear water		
2.	Temperature	°C	38	35	33	31	27	25-4	35°C±10°C	
3.	pH		6.8	9.7	8.6	7.6	7.8	7.82	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3680	2800	2160	1200	880	160	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2040	1890	1420	1230	1040	998	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3830		Mg/L	

10. MLVSS

3025.7

Mg/L

Sample taken on 11:00am

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 3/12/21

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Faint Yellow	Light Yellow	Brown Black	clear water	clear water		
2.	Temperature	°C	40	38	36	34	29	26.3	35°C±10°C	
3.	pH		6.9	9.7	8.7	7.5	7.7	7.76	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3760	3200	2800	1040	560	152	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2120	2040	1580	1370	890	744	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3750		mg/L	

10. MLUSS

2925

mg/L

Sample taken on 11:00 am

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 1/1/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	37	36	34	32	28	27.2	35°C±10°C	
3.	pH		7.2	9.7	8.6	7.5	7.9	7.69	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3520	2560	2160	1120	480	128	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2080	1830	1480	1030	978	877	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3680		Mg/L	

10. MLVSS

29808

Mg/L

Sample taken on 1:00 am

Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 02/01/23

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Black Brown	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		
2.	Temperature	°C	39	37	35	33	29	27.0	35°C±10°C	
3.	pH		6.5	9.4	8.2	7.2	7.5	7.78	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4160	3200	2320	1600	560	144	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2040	1870	1680	1320	1140	998	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3540		Mg/L	

10. MLSS

2478

Mg/L

Sample taken 11:00am

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 03/12/23

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1	Colour		Black	Pale Yellow	Pale Yellow	Light Brown	Clear water	Clear water		
2	Temperature	°C	42	39	37	36	30	27.7	35°C±10°C	
3	pH		7.1	9.7	8.5	7.2	7.4	7.62	5.5-8.5 pH	
4	Chemical Oxygen Demand	Mg/L	3680	2720	2160	1440	400	128	250 mg/L	
5	Total Dissolved Solids	Mg/L	1980	1720	1470	1230	1140	989	2100 mg/L	
6	Sulphates	Mg/L								
7	Biochemical Oxygen Demand								30 Mg/L	
8	Total Suspended Solids								30 Mg/L	
9	MLSS						3240		Mg/L	

MLVSS

2280

Mg/L

Sample taken on 2:00 pm

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 04/01/2023

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		light Black	Pale Yellow	light Yellow	Brown Black	clear water	clear water		
2.	Temperature	°C	37	35	33	31	30	26.4	35°C±10°C	<i>[Signature]</i>
3.	pH		6.4	9.7	8.6	7.1	7.3	7.6	5.5-8.5 pH	<i>[Signature]</i>
4.	Chemical Oxygen Demand	Mg/L	4240	3200	2240	1280	320	120	250 mg/L	<i>[Signature]</i>
5.	Total Dissolved Solids	Mg/L	2160	1820	1670	1350	1140	827	2100 mg/L	<i>[Signature]</i>
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3320		Mg/L	<i>[Signature]</i>

MLVSS

2400

Mg/L

Sample taken on 12:00 am

[Signature]
 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 5/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	36	34	33	31	29	26.8	35°C ± 10°C	
3.	pH		6.6	9.7	8.5	7.2	7.5	7.69	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3840	2880	2480	1200	800	160	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1920	1750	1530	1340	1180	878	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3840		4g/L	

MLVSS

3000

4g/L

Composite Sample taken 10:00 am

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 06/1/23

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Light	Pale Yellow	Pale Yellow	Brown Black	clear water	clear water		
2.	Temperature	°C	36	32	30	28	27	25.4	35°C±10°C	
3.	pH		6.7	9.4	8.7	7.1	7.4	7.57	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4000	3040	2080	1120	720	152	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1030	1250	1200	1080	972	877	2100 mg/L	
3.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
3.	Total Suspended Solids								30 Mg/L	
3.	MLSS						3560		mg/L	

MLVSS

2560

mg/L

Composite Sample taken

Sankar
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
 Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 07/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Light Yellow	Brown Black	Clear Water	Clear water		<i>Handwritten signature</i>
2.	Temperature	°C	34	32	31	29	27	26.2	35°C±10°C	<i>Handwritten signature</i>
3.	pH		7.0	9.2	8.0	7.1	7.6	7.85	5.5-8.5 pH	<i>Handwritten signature</i>
4.	Chemical Oxygen Demand	Mg/L	3600	2640	2000	880	480	120	250 mg/L	<i>Handwritten signature</i>
5.	Total Dissolved Solids	Mg/L	2150	1990	1420	1330	1120	1000	2100 mg/L	<i>Handwritten signature</i>
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
	MLSS						3800		Mg/L	<i>Handwritten signature</i>

MLVSS Composite Sample taken

2800

Mg/L

Handwritten signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 08/01/2023

Sl. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Pale Yellow	Pale Yellow	Brown Black	Brown Black	Clear water	Clear water		Handwritten signature	
2.	Temperature	°C	38	33	30	30	27	26.3	35°C±10°C	Handwritten signature	
3.	pH		7.3	9.5	8.2	7.2	7.7	7.83	5.5-8.5 pH	Handwritten signature	
4.	Chemical Oxygen Demand	Mg/L	3440	2320	1840	1040	560	104	250 mg/L	Handwritten signature	
5.	Total Dissolved Solids	Mg/L	2270	2010	1690	1250	1090	987	2100 mg/L	Handwritten signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						4000		Mg/L	Handwritten signature	
	MLVSS						3280		Mg/L		

Composite Sample taken

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 09/01/2023

Sl. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Broth Black	Pale Yellow	Green Yellow	Broth Black	Clear Water	Clear Water		<i>Handwritten Signature</i>	
2.	Temperature	°C	37	33	30	28	25	23.9	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		6.5	9.3	8.6	7.1	7.6	7.62	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	4400	3680	2000	800	400	128	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	1760	1520	1430	1310	1250	1050	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3920		Mg/L	<i>Handwritten Signature</i>	

MLSS

Sample taken on 12:00 PM

3360

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 (E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 10/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Pale Yellow	Brown Black	Clear Water	Clear Water		<u>Manoj</u>
2.	Temperature	°C	35	32	29	28	26	25.4	35°C±10°C	<u>Manoj</u>
3.	pH		6.9	9.8	9.0	7.1	7.6	7.67	5.5-8.5 pH	<u>Manoj</u>
4.	Chemical Oxygen Demand	Mg/L	4640	3280	2560	1360	640	112	250 mg/L	<u>Manoj</u>
5.	Total Dissolved Solids	Mg/L	1760	1600	1560	1470	1300	1180	2100 mg/L	<u>Manoj</u>
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
	MLSS						3880		Mg/L	<u>Manoj</u>
	MLVSS						3120		Mg/L	

Composite Sample taken on 10:00 AM

Manoj
 Signature of Lab Incharge
 [E.O.]

474

Modi Sugar Mills, Modinagar

Daily Analysis Report of Effluent Treatment Plant

Crushing Season - 2022 - 2023

Date - 11/01/2023

Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
		Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
Colour		Brown Black	Light Brown	Pale Yellow	Black Brown	Clear Water	Clear Water		<i>Handwritten Signature</i>	
Temperature	°C	37	32	30	28	26	25.6	35°C±10°C	<i>Handwritten Signature</i>	
pH		7.1	9.9	8.6	7.1	7.6	7.66	5.5-8.5 pH	<i>Handwritten Signature</i>	
Chemical Oxygen Demand	Mg/L	4080	3520	2800	1120	560	136	250 mg/L	<i>Handwritten Signature</i>	
Total Dissolved Solids	Mg/L	2090	1830	1750	1680	1320	1290	2100 mg/L	<i>Handwritten Signature</i>	
Sulphates	Mg/L									
Biochemical Oxygen Demand								30 Mg/L		
Total Suspended Solids								30 Mg/L	<i>Handwritten Signature</i>	
MLSS						3520		Mg/L	<i>Handwritten Signature</i>	
MLVSS						2720		Mg/L		

Composite Sample taken on 02:00 PM

Handwritten Signature
Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 12/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
	Colour		Brown Black	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
	Temperature	°C	38	33	31	29	27	26.1	35°C±10°C	
	pH		7.4	9.7	8.3	7.0	7.5	7.64	5.5-8.5 pH	
	Chemical Oxygen Demand	Mg/L	4720	3840	3120	1600	720	152	250 mg/L	
	Total Dissolved Solids	Mg/L	2450	2030	1620	1500	1280	1120	2100 mg/L	
	Sulphates	Mg/L								
	Biochemical Oxygen Demand								30 Mg/L	
	Total Suspended Solids								30 Mg/L	
	MLSS						4080		Mg/L	

MLVSS

3080

Mg/L

Composite Sample taken on 02:00 PM

S. S. S. S.
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 13/01/2023

Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
		Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
Colour		Brown Ught	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		<i>Handwritten Signature</i>	
Temperature	°C	39	35	33	31	27	26.2	35°C±10°C	<i>Handwritten Signature</i>	
pH		6.4	9.2	8.8	7.0	7.7	7.63	5.5-8.5 pH	<i>Handwritten Signature</i>	
Chemical Oxygen Demand	Mg/L	3520	2400	1920	1360	800	168	250 mg/L	<i>Handwritten Signature</i>	
Total Dissolved Solids	Mg/L	2520	2330	1930	1390	1210	1150	2100 mg/L	<i>Handwritten Signature</i>	
Sulphates	Mg/L									
Biochemical Oxygen Demand								30 Mg/L		
Total Suspended Solids								30 Mg/L		
MLSS						4000		Mg/L	<i>Handwritten Signature</i>	

MLSS

3040

Mg/L

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Composite Sample taken on 01:00 PM

477

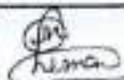
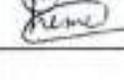
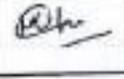
170

Modi Sugar Mills, Modinagar

Daily Analysis Report of Effluent Treatment Plant

Crushing Season - 2022 - 2023

Date - 14/01/2023

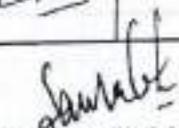
Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
		Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
Colour		Brown Black	Light Yellow	Pale Yellow	Black Brown	Clear Water	Clear Water			
Temperature	°C	38	36	34	32	28	26	35°C±10°C		
pH		6.7	9.3	8.6	7.2	7.8	7.6	5.5-8.5 pH		
Chemical Oxygen Demand	Mg/L	4320	3440	2480	1520	640	152	250 mg/L		
Total Dissolved Solids	Mg/L	1950	1830	1520	1350	1130	1000	2100 mg/L		
Sulphates	Mg/L									
Biochemical Oxygen Demand								30 Mg/L		
Total Suspended Solids								30 Mg/L		
MLSS						3560		Mg/L		

MLSS

2680

Mg/L

Sample taken on 11:00am

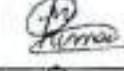
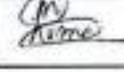
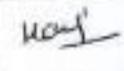

 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar

Daily Analysis Report of Effluent Treatment Plant

Crushing Season - 2022 - 2023

Date - 15/01/2023

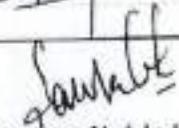
Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
		Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water			
Temperature	°C	35	33	32	31	27	26.6	35°C±10°C		
pH		7.0	9.4	8.4	7.3	7.5	7.61	5.5-8.5 pH		
Chemical Oxygen Demand	Mg/L	4800	3840	2880	1760	880	144	250 mg/L		
Total Dissolved Solids	Mg/L	1980	1820	1560	1320	1240	1120	2100 mg/L		
Sulphates	Mg/L									
Biochemical Oxygen Demand								30 Mg/L		
Total Suspended Solids								30 Mg/L		
MLSS						3640		Mg/L		

MLVSS

9920

Mg/L

Sample taken on 11:00 am


Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 16/01/2023

Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
		Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
Colour		Light Brown	Pale Yellow	Light Yellow	Black Brown	Clear Water	Clear Water		Handwritten Signature	
Temperature	°C	35	33	31	29	27	26.6	35°C±10°C	Handwritten Signature	
pH		6.5	9.2	8.4	7.4	7.7	7.49	5.5-8.5 pH	Handwritten Signature	
Chemical Oxygen Demand	Mg/L	3360	2640	2080	1200	560	176	250 mg/L	Handwritten Signature	
Total Dissolved Solids	Mg/L	2150	1970	1740	1530	1390	1180	2100 mg/L	Handwritten Signature	
Sulphates	Mg/L									
Biochemical Oxygen Demand								30 Mg/L		
Total Suspended Solids								30 Mg/L		
MLSS						3600		mg/L	Handwritten Signature	

MLVSS

2830

mg/L

Composite Sample taken on 12:00 PM

Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 17/01/2023

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Dark Brown	Light Brown	Pale Yellow	Brown Black	Cloudy	Clear Water		Handwritten signature	
2.	Temperature	°C	40	34	32	30	27	26.3	35°C±10°C	Handwritten signature	
3.	pH		7.4	9.9	8.8	7.2	7.7	7.56	5.5-8.5 pH	Handwritten signature	
4.	Chemical Oxygen Demand	Mg/L	4240	3760	2560	1040	480	160	250 mg/L	Handwritten signature	
5.	Total Dissolved Solids	Mg/L	2270	2050	2010	1490	1140	1020	2100 mg/L	Handwritten signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3880		Mg/L	Handwritten signature	

MLVSS

3040

mg/L

Composite Sample taken on 11:00 AM

Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 18/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	cloudy	clear water		Handwritten signature
2.	Temperature	°C	36	34	32	30	28	27	35°C±10°C	Handwritten signature
3.	pH		6.6	9.8	9.0	7.2	7.6	7.57	5.5-8.5 pH	Handwritten signature
4.	Chemical Oxygen Demand	Mg/L	4320	3680	2960	1440	800	184	250 mg/L	Handwritten signature
5.	Total Dissolved Solids	Mg/L	2260	2090	1850	1510	1210	1130	2100 mg/L	Handwritten signature
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
6.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3960		Mg/L	Handwritten signature

MLVSS

2840

Mg/L

Composite Sample taken on 02:00 PM

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 19/01/2023

S. No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1	Colour		Dark Brown	Light Brown	Pale Yellow	Brown Black	Cloudy	Clear water		Handwritten signature
2	Temperature	°C	28	35	33	30	29	27	35°C ± 10°C	Handwritten signature
3	pH		6.4	9.0	8.4	7.1	7.5	7.35	5.5-8.5 pH	Handwritten signature
4	Chemical Oxygen Demand	Mg/L	4720	4080	3280	1680	960	168	250 mg/L	Handwritten signature
5	Total Dissolved Solids	Mg/L	2340	1950	1820	1510	1330	1250	2100 mg/L	Handwritten signature
6	Sulphates	Mg/L								
7	Biochemical Oxygen Demand								30 Mg/L	
8	Total Suspended Solids								30 Mg/L	
9	MLSS						3600		Mg/L	Handwritten signature

MLVSS

9520

Mg/L

Composite Sample taken

[Handwritten Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
 Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 20/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Cloudy	clear water		
2.	Temperature	°C	39	36	34	32	30	29.9	35°C ± 10°C	
3.	pH		7.1	9.7	8.5	7.2	7.4	7.26	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4640	3920	3040	1520	880	176	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2150	1820	1640	1390	1140	1080	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3640		Mg/L	

MLSS

3640

Mg/L

Composite Sample taken

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 21/01/2023

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Pale Yellow ²	Pale Yellow	Light Yellow	Brown Black	Cloudy	clear water		Handwritten signature	
2.	Temperature	°C	39	37	34	33	32	30.7	35°C ± 10°C	Handwritten signature	
3.	pH		6.4	9.3	8.1	7.2	7.5	7.32	5.5-8.5 pH	Handwritten signature	
4.	Chemical Oxygen Demand	Mg/L	3920	2800	2320	1360	720	168	250 mg/L	Handwritten signature	
5.	Total Dissolved Solids	Mg/L	2190	2040	1870	1420	1290	1030	2100 mg/L	Handwritten signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3920		ug/L	Handwritten signature	

MLSS

2800

ug/L

Composite sample taken

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 02/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Light Yellow	Brown Black	cloudy	clear water		
2.	Temperature	°C	42	37	35	34	32	31.1	35°C±10°C	
3.	pH		6.8	9.8	8.7	7.2	7.4	7.41	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4080	3120	2640	1280	560	184	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1950	1740	1620	1450	1220	1140	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3440		Mg/L	

MLVSS

2560

Mg/L

Composite Sample taken on 02:00 PM

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 23/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown light	Pale yellow	Light yellow	Brown Black	cloudy	clear water		Handwritten signature
2.	Temperature	°C	39	36	35	33	32	31.1	35°C ± 10°C	Handwritten signature
3.	pH		6.9	9.4	8.0	7.1	7.5	7.32	5.5-8.5 pH	Handwritten signature
4.	Chemical Oxygen Demand	Mg/L	3040	3360	2720	1520	800	160	250 mg/L	Handwritten signature
5.	Total Dissolved Solids	Mg/L	2250	1940	1870	1320	1090	749	2100 mg/L	Handwritten signature
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3480		mg/L	Handwritten signature

MLVSS

2600

mg/L

Composite Sample taken on 11:00 AM

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 24/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Brown Black	Pale Yellow	Light Yellow	Brown Black	Cloudy	Clear water		
2.	Temperature	°C	40	37	35	34	32	31	35°C±10°C	
3.	pH		6.7	9.5	8.2	7.0	7.4	7.35	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	4000	2320	2080	1440	960	176	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2270	2240	1990	1340	1020	762	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3360		Mg/L	

MLV5

2400

Mg/L

Composite Sample taken on 09:00 AM

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 25/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Pale Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	38	36	34	33	32	31.0	35°C±10°C	<i>[Signature]</i>
3.	pH		7.2	9.4	8.5	7.2	7.6	7.42	5.5-8.5 pH	<i>[Signature]</i>
4.	Chemical Oxygen Demand	Mg/L	4080	2960	2000	1360	880	152	250 mg/L	<i>[Signature]</i>
5.	Total Dissolved Solids	Mg/L	2130	1850	1540	1270	990	928	2100 mg/L	<i>[Signature]</i>
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MSS						3160		Mg/L	<i>[Signature]</i>

14LVSS

2520

Mg/L

Composite Sample taken 10:00 am

[Signature]
 Signature of Lab Incharge -
 (E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 09/02/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	clear water	clear water		<u>May</u>
2.	Temperature	°C	42	35	33	31	30	28.6	35°C±10°C	<u>May</u>
3.	pH		7.1	9.0	8.5	7.3	7.5	7.50	5.5-8.5 pH	<u>May</u>
4.	Chemical Oxygen Demand	Mg/L	3280	2640	2160	720	320	128	250 mg/L	<u>May</u>
5.	Total Dissolved Solids	Mg/L	1860	1700	1570	1260	812	733	2100 mg/L	<u>May</u>
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3360		Mg/L	<u>May</u>

MLVSS

2600

Mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Composite Sample taken on 01:00 PM

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 27/01/2023

S. No	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Brown Light	Pale Yellow	Light Yellow	Brown Black	Cloudy	Clear Water		Handwritten Signature	
2.	Temperature	°C	39	37	35	33	31	29.7	35°C±10°C	Handwritten Signature	
3.	pH		7.2	9.6	8.2	7.2	7.4	7.46	5.5-8.5 pH	Handwritten Signature	
4.	Chemical Oxygen Demand	Mg/L	3600	3040	2160	1280	720	184	250 mg/L	Handwritten Signature	
5.	Total Dissolved Solids	Mg/L	2050	1840	1490	1320	1040	980	2100 mg/L	Handwritten Signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MSS						3280		Mg/L	Handwritten Signature	

MLVSS

2440

Mg/L

Composite Sample taken on 01:00 PM

Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 28/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	cloudy	clear water		
2.	Temperature	°C	39	35	33	31	29	28.7	35°C±10°C	
3.	pH		6.8	9.0	8.3	7.2	7.5	7.52	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3200	2400	1920	1040	560	160	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1820	1750	1590	1330	1000	912	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3280		mg/L	

MLVSS

2360

ug/L

Composite Sample taken on 02:00 pm

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 29/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Cloudy	Clear water		
2.	Temperature	°C	42	35	32	30	28	27.4	35°C±10°C	
3.	pH		7.2	9.9	8.9	7.3	7.7	7.64	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3760	3040	2640	1120	640	176	250 mg/L	
5.	Total Dissolved Solids	Mg/L	2330	2150	1890	1320	997	872	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3246		Mg/L	

MLVSS

3320

Mg/L

Composite Sample taken on 11:00 Am

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 30/01/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Pale Yellow	Light Yellow	Brown Black	Cloudy	Clear Water		
2.	Temperature	°C	36	35	33	31	27	26.8	35°C ± 10°C	
3.	pH		7.0	9.3	8.6	7.4	7.7	7.3	6.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3040	2400	1840	1040	400	152	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1950	1870	1570	1220	1090	970	2100 mg/L	
6.	Suphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3320		Mg/L	

MLVSS

Composite Sample taken on 06:00 PM ²⁴⁸⁰

Mg/L

[Signature]
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 31/01/2023

S. No	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Pale Yellow	Pale Yellow	Light Yellow	Brown Black	cloudy	clear water		Hand	
2.	Temperature	°C	35	34	33	31	27	26.8	35°C±10°C	Hand	
3.	pH		7.1	9.7	8.4	7.2	7.7	7.67	5.5-8.5 pH	Hand	
4.	Chemical Oxygen Demand	Mg/L	2480	2000	1520	960	480	160	250 mg/L	Hand	
5.	Total Dissolved Solids	Mg/L	2300	2180	1660	1330	1040	892	2100 mg/L	Hand	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3400		mg/L	Hand	

MLVSS

Composite Sample taken on 11:00 pm

2640

mg/L

Saurabh
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 01/02/2023

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	cloudy	clear water		<i>Handwritten Signature</i>	
2.	Temperature	°C	39	34	32	30	28	27.7	35°C±10°C	<i>Handwritten Signature</i>	
3.	pH		7.4	9.9	8.8	7.3	7.5	7.49	5.5-8.5 pH	<i>Handwritten Signature</i>	
4.	Chemical Oxygen Demand	Mg/L	3600	2800	2560	800	560	144	250 mg/L	<i>Handwritten Signature</i>	
5.	Total Dissolved Solids	Mg/L	2040	1610	1530	1360	854	737	2100 mg/L	<i>Handwritten Signature</i>	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3280			<i>Handwritten Signature</i>	

MLSS

Composite Sample taken on 11:00 Am 25.2.0

Handwritten Signature
 Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 02/02/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Cloudy	Clear Water			
2.	Temperature	°C	40	36	33	30	28	27.1	35°C±10°C		
3.	pH		7.2	9.2	8.6	7.3	7.4	7.49	5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	3920	3440	2720	720	400	152	250 mg/L		
5.	Total Dissolved Solids	Mg/L	1650	1580	1540	1350	980	725	2100 mg/L		
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3200				

MLVSS

2560

Composite Sample taken on 11:00 AM

[Signature]
 Signature of Lab Incharge
 [E.O.]

497

Modi Sugar Mills, Modinagar

Daily Analysis Report of Effluent Treatment Plant

Crushing Season - 2022 - 2023

Date - 03/02/2023

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		Handwritten signature	
2.	Temperature	°C	40	35	33	30	28	27.1	35°C±10°C	Handwritten signature	
3.	pH		6.8	9.4	9.2	7.3	7.6	7.47	5.5-8.5 pH	Handwritten signature	
4.	Chemical Oxygen Demand	Mg/L	4160	3680	2480	880	320	144	250 mg/L	Handwritten signature	
5.	Total Dissolved Solids	Mg/L	2660	1870	1650	1390	825	714	2100 mg/L	Handwritten signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3360			Handwritten signature	

MLVSS

3720

Composite sample taken on 11:00 PM

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 04/04/2022

S No	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1	Colour		Light Blueish	Pale Yellow	Light Yellow	Brown Black	clear water	clear water			
2	Temperature	°C	38	34	32	29	27	25.9	35°C±10°C		
3	pH		7.0	9.5	8.9	7.1	7.5	7.46	5.5-8.5 pH		
4	Chemical Oxygen Demand	Mg/L	3440	2720	2240	640	480	128	250 mg/L		
5	Total Dissolved Solids	Mg/L	2150	1670	1440	1300	973	812	2100 mg/L		
6	Sulphates	Mg/L									
7	Biochemical Oxygen Demand								30 Mg/L		
8	Total Suspended Solids								30 Mg/L		
9	MLSS						3160				

MLVSS

2240

Composite sample taken on 10:00 AM

Signature of Lab Incharge
(E O)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 05/09/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	Cloudy	Clear water		None
2.	Temperature	°C	41	36	34	30	29	28.0	35°C ± 10°C	None
3.	pH		6.7	9.0	8.2	7.2	7.6	7.49	5.5-8.5 pH	None
4.	Chemical Oxygen Demand	Mg/L	4080	3040	2560	960	400	136	250 mg/L	None
5.	Total Dissolved Solids	Mg/L	1970	1650	1390	1230	1000	895	2100 mg/L	None
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3480			None

MLSS

2600

Composite Sample taken on 01:00 PM

Signature of Lab Incharge
 [E.O.]

Modi Sugar Mills, Modinagar
 Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 16/03/2024

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Light Yellow	Pale Yellow	Light Yellow	Brown Black	Clear water	Clear water		
2.	Temperature	°C	42	36	34	31	30	28.9	35°C±10°C	
3.	pH		7.3	9.8	8.6	7.8	7.5	7.58	5.5-8.5 pH	
4.	Chemical Oxygen Demand	Mg/L	3120	2320	2000	640	320	120	250 mg/L	
5.	Total Dissolved Solids	Mg/L	1950	1880	1610	1330	990	732	2100 mg/L	
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3200		mg/L	

MLVSS

2280

mg/L

Composite Sample taken on 03:00 pm

Signature of Lab Incharge
[E.O.]

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
Crushing Season - 2022 - 2023

Date - 07/02/2023

S No	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks	
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet				Final Outlet
1.	Colour		Dark Brown	Pale Yellow	Light Yellow	Brown Black	cloudy	clear Water			
2.	Temperature	°C	42	38	35	31	30	29.2	35°C±10°C		
3.	pH		6.8	9.7	9.0	7.3	7.5	7.48	5.5-8.5 pH		
4.	Chemical Oxygen Demand	Mg/L	3520	2720	2240	800	400	152	250 mg/L		
5.	Total Dissolved Solids	Mg/L	1850	1730	1550	1380	1020	792	2100 mg/L		
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS							3360	Mg/L		

MLVSS

2440

Mg/L

Composite Sample taken on 11:00 Am

S. Subal
Signature of Lab Incharge
(EO)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 09/05/2023

S. No.	Parameters	Unit	Results					Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet			
1.	Colour		Dark Brown	Pale yellow	Light yellow	Brown Black	Cloudy	Clear water		Handwritten signature
2.	Temperature	°C	36	32	32	30	28	27.4	35°C±10°C	Handwritten signature
3.	pH		6.9	9.4	8.6	7.1	7.5	7.44	5.5-8.5 pH	Handwritten signature
4.	Chemical Oxygen Demand	Mg/L	4080	3360	2080	960	560	136	250 mg/L	Handwritten signature
5.	Total Dissolved Solids	Mg/L	2050	1940	1620	1250	1000	830	2100 mg/L	Handwritten signature
6.	Sulphates	Mg/L								
7.	Biochemical Oxygen Demand								30 Mg/L	
8.	Total Suspended Solids								30 Mg/L	
9.	MLSS						3480		Mg/L	Handwritten signature

MLVSS

2640

Mg/L

Composite Sample taken on 09:00 AM

Signature of Lab Incharge
(E.O.)

Modi Sugar Mills, Modinagar
Daily Analysis Report of Effluent Treatment Plant
 Crushing Season - 2022 - 2023

Date - 10/02/2023

S. No.	Parameters	Unit	Results						Limits as per CPCB	Signature	Remarks
			Inlet	Equalization Outlet	Primary Outlet	Anaerobic Outlet	Aeration Outlet	Final Outlet			
1.	Colour		Light Brown	Pale Yellow	Light Yellow	Brown Black	clear water	clear water		Handwritten Signature	
2.	Temperature	°C	38	36	33	31	29	28	35°C ± 10°C	Handwritten Signature	
3.	pH		6.4	9.0	8.1	7.2	7.5	7.44	5.5-8.5 pH	Handwritten Signature	
4.	Chemical Oxygen Demand	Mg/L	3840	3360	2400	880	480	152	250 mg/L	Handwritten Signature	
5.	Total Dissolved Solids	Mg/L	1890	1650	1420	1260	844	759	2100 mg/L	Handwritten Signature	
6.	Sulphates	Mg/L									
7.	Biochemical Oxygen Demand								30 Mg/L		
8.	Total Suspended Solids								30 Mg/L		
9.	MLSS						3520		Mg/L	Handwritten Signature	

MLSS

2000

Mg/L

Composite Sample taken on 11:00 AM

Signature
 Signature of Lab Incharge
 (E.O.)



MODI SUGAR MILLS

(A Unit of Modi Industries Limited)



Date: 26.11.2022

The Executive Engineer
Laghu Sichai Vibhag
Nodal Officer, Ground Water Portal
Ghaziabad

Dear Sir,

With reference to your Letter No. – 1822/L.S./N.G.W.Portal/2022-23 dated 17.11.2022 which was received by us on 21.11.2022, we are submitting the details and desired information as under:-

1. That the Hon'ble National Green Tribunal , New Delhi passed an order dated 25.01.2022 in O.A. No. 418/2021 and O.A. No. 447/2021 in the matter of Tilak Raj Adhana & Others Vs State of Uttar Pradesh and constituted a joint inspection committee comprising the Officers of CPCB , State P.C.B. and District Magistrate , Ghaziabad and directed to submit the factual and action taken report within a period of three months.
2. That the joint inspection committee comprising the Officers of CPCB , State P.C.B. and authorized representative of District Magistrate , Ghaziabad inspected the site of Modi Sugar Mills, Modinagar as well as the site of Bio-Compost yard in the premises of Modi Steels on 30.03.2022.
3. That after making the above mentioned inspection, the joint inspection committee submitted their inspection report before the Hon'ble National Green Tribunal, New Delhi on 20.05.2022 through E-mail. After perusal the inspection report, the Hon'ble N.G.T passed an order dated 21.07.2022 directing Modi Sugar Mills (Sugar Unit & Distillery Unit) , Modinagar to file their response / reply to the allegation made in the application as well as observation made in the report of Joint Inspection Committee within a period of two months.
4. That the above mentioned matter was listed before the Hon'ble N.G.T. for further consideration on 02.11.2022.

Contd..2..

MODI SUGAR MILLS

(A Unit of Modi Industries Limited)



-2-

5. That Modi Sugar Mills filed their reply/objections before the Hon'ble N.G.T. , New Delhi within a stipulated time period.
6. That after perusal of the reply/objections made by Modi Sugar Mills in the matter, the Hon'ble N.G.T. passed an order dated 02.11.2022 directing Modi Sugar Mills to submit the Compliance report of Observations / Recommendations made by the Joint Inspection Committee in their inspection report within a period of Two Months.
7. That the matter is further listed for consideration on 20.02.2023
8. That we have already provided the photocopies of the following documents to the Officers of Laghu Sichai Vibhag / Nodal Officer , Ground Water Portal , Ghaziabad at the time of their inspection at Modi Sugar Mills, Modinagar.
 - i) Order dated 25.01.2022 passed by the Hon'ble N.G.T. , New Delhi, constituted a Joint Inspection Committee.
 - ii) Inspection Report submitted by the Joint Inspection Committee before the Hon'ble N.G.T.
 - iii) Order dated 21.07.2022 passed by the N.G.T. directing Modi Sugar Mills to file their response / reply to the allegations made in the application as well as observation made in the inspection report of Joint Inspection Committee.
 - iv) Reply/Objections filed by Modi Sugar Mills into the matter before N.G.T.
 - v) Copy of order dated 02.11.2022 passed by the Hon'ble N.G.T. directing Modi Sugar Mills to submit compliance report of observations/recommendations of Joint Inspection Committee within a period of two months. The matter is further listed on 20.02.2023
9. As regards the Ground Water Analysis Report of Bore-Well No. # 1 of Modi Sugar Mills and One Hand-Pump located near Bio-Compost yard of Distillery section in Modi Steels Compound, the factual position is as under:-

Contd..3..

**Bore-Well of Modi Sugar Mills**

- i.) Bore-Well water of Modi Sugar Mills is used only in manufacturing process.
- ii.) Drinking water is provided to the workers working in the plant only after purification of Bore-Well water through R.O. system. Photograph of R.O. System installed at Modi Sugar is attached herewith as Annexure No. # -1.
- iii.) We are very much careful with the quality of Bore-Well water and we obtained the Bore-well water analysis report from time to time through the Authorized Laborites approved from N.A.B.L and Uttar Pradesh Pollution Control Board, Lucknow. The results of all the Bore-Well water Analysis reports are within the parameters fixed by Drinking Water Standards (BIS) IS 10500:2012. Photocopies of some Bore-Well analysis reports dated 23.03.2019, 17.02.2020,02.02.2021,10.01.2022,13.08.2022,19.11.2022&24.11.2022 are enclosed herewith for your kind perusal as Annexure No. # 02, 03, 04, 05, 06, 07 & 08.

Hand-Pump Located nearby Bio-Compost Yard of Distillery Section

- i.) That since our Distillation Plant is not in operation from May/2021, there is no generation of Spent Wash.
- ii.) That consequently there is no activity in Bio Compost yard since last six months.
- iii.) Now we are going to convert our Distillation Plant from Molasses based system to Grain based system.
- iv.) After conversion of our Plant from Molasses based system to Grain based system, we will not be in requirement of Bio – Compost yard and there will not be any activity in Bio-Compost yard.
- v.) That in compliance of observation / recommendations of the Joint Inspection Committee , we have started to dismantle/level the Lagoon near the Bio-Compost yard.

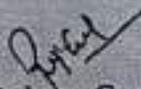
Contd..4..

- vi.) We are very much careful with the quality of Hand-Pump water and we obtained the Hand-Pump water analysis report after every three months through the Authorized Laborites approved from N.A.B.L and Uttar Pradesh Pollution Control Board, Lucknow. The results of all the Hand-Pump water Analysis reports are within the parameters fixed by Drinking Water Standards (BIS) IS 10500:2012. Photocopies of these Water Analysis reports sent to the CPCB , Delhi and UPPCB, Lucknow after every three months. Photocopies of some Hand-Pump water analysis reports dated 27/11/2021, 28/02/2022, 28/05/2022, 13/08/2022, 29/08/2022, 19/11/2022 & 24/11/2022 are enclosed herewith for your kind perusal as Annexure No. # 09,10,11,12,13 ,14 & 15.

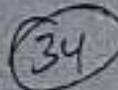
In view of above, it is crystal clear that the quality of Bore-Well water of Modi Sugar Mills and Hand-Pump located at Bio Compost Yard is equally good for utilizing in the process and for drinking purpose.

Thanking You.

Yours faithfully

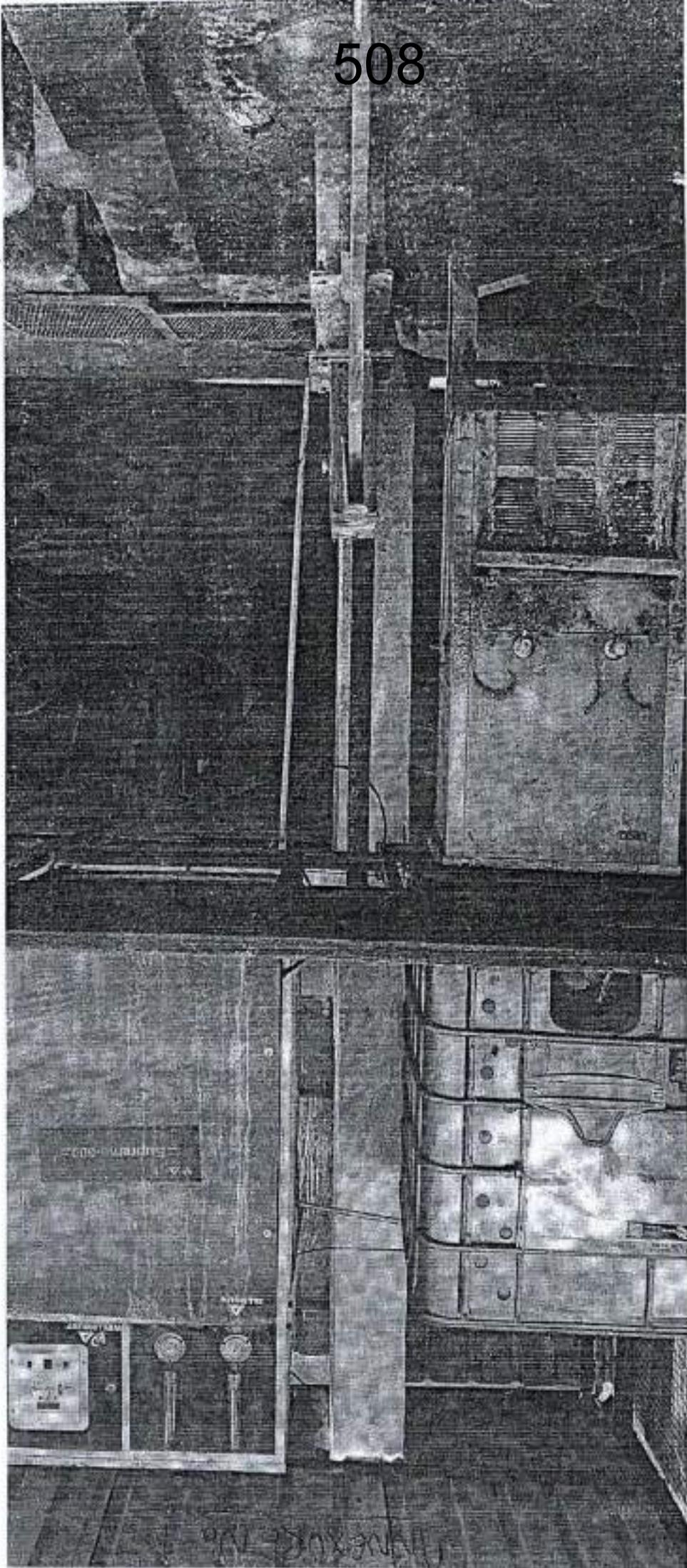

Rajeev Gupta
General Manager (Plant)
Modi Distillery


R.P. Singh
Vice President (Tech.)
Modi Sugar Mills

 
29-11-2022
कार्यालय डाकप्रति
अधिरासी अभियन्ता
लघु सिंचाई खण्ड
गाजियाबाद

508

201





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Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills
Modinagar, Dist: Ghaziabad U.P

J.O. No.: FL/W/18032019-043
ULR Code: TC5503 19 2 00001916 F
Report Date: 23/03/2019
Sample Receipt Date: 18/03/2019
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : **Potable Water (One Sample)**
Brand Name, if any : **None**
Sample Quantity & Packaging : **1LitreX3, Pet Bottle**
Date of Performance of Test : **18th - 23th March, 2019**
Method of Sampling : **Sample is provided by Modi Sugar Mills.**

Analysis Report

Physical Description: Water is clear without any sediments, suspended particles & extraneous matter

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012	Protocol
Chemical Analysis:				
1	Colour, Hazen	2	5 Max.	IS:3025 (P-4)
2	Odour	Agreeable	Agreeable	IS:3025 (P-5)
3	Taste	Agreeable	Agreeable	IS:3025 (P-7&8)
4	Turbidity, NTU	0.67	1 Max.	IS:3025 (P-10)
5	pH value	7.22	6.5 - 8.5	IS:3025 (P-11)
6	Chloride (as Cl), mg/L	98.46	250 Max.	IS:3025 (P-32)
7	Nitrate (as NO ₃), mg/L	1.20	45 Max.	APHA 23 rd Ed.
8	Fluoride (as F), mg/L	0.18	1.0 Max.	APHA 23 rd Ed.
9	Residual Free Chlorine, mg/L	ND, [LOQ-0.1]	0.2 Min.	APHA 23 rd Ed.
10	Total Hardness (as CaCO ₃), mg/L	142	200 Max.	IS:3025 (P-21)
11	Total Dissolved Solids, mg/L	449	500 Max.	IS:3025 (P-16)

Testing Section: Prepared By: Mohd. Tahir
Checked By: Satish Kumar Singh Page 1 of 3
(AUTHORISED SIGNATORY) D. Manoj, Director

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FOOD ANALYSIS & RESEARCH LABORATORY

TESTING, CALIBRATION, PROFICIENCY TESTING, R&D & TRAINING SERVICES

TEST REPORT

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FARE LABS Private Limited
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 E-mail : farelabs@farelabs.com
 Website : www.farelabs.com

Issued to: Modi Sugar Mills
 Modinagar, Dist: Ghaziabad U.P

J.O. No.: FL/W/18032019-043
 ULR Code: TC5503 19 2 00001916 F
 Report Date: 23/03/2019
 Sample Receipt Date: 18/03/2019
 Account Manager: Swati Singh
 Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : Potable Water (One Sample)
 Brand Name, if any : None
 Sample Quantity & Packaging : 1 Litre X3, Pet Bottle
 Date of Performance of Test : 18th - 23th March, 2019
 Method of Sampling : Sample is provided by Modi Sugar Mills.

Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012	Protocol
Metal Analysis:				
1	Iron (as Fe), mg/L	0.032	1.0 Max.	FL/SOP/ICPMS-01

Note: FL/SOP/ICPMS-01, Based on APHA 23rd Ed. 2017

Pran
 Testing Section

Ruchi
 Prepared By
 Ruchi Bansal

Rajendra
 Checked By
 Rajendra Yadav

Page 2 of 3

D. Mathur
 (AUTHORISED SIGNATORY)
 D-Mathur, Director

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TEST REPORT

FARE LABS Private Limited

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Website : www.farelabs.com

Issued to: Modi Sugar Mills
Modinagar, Dist: Ghaziabad U.P.

J.O. No.: FL/W/18032019-043
ULR Code: TC5503 19 2 00001916 F
Report Date: 23/03/2019
Sample Receipt Date: 18/03/2019
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : Potable Water (One Sample)
Brand Name, if any : None
Sample Quantity & Packaging : 1 Litre X3, Pet Bottle
Date of Performance of Test : 18th - 23th March, 2019
Method of Sampling : Sample is provided by Modi Sugar Mills.

Analysis Report

S. No.	Parameter	Test Result	Detection Limit	Specifications as per IS-10500:2012	Protocol
Microbiological Analysis:					
1	Total Coliform, MPN/100ml	Not Detected	≥2	Shall not be detectable in any 100ml sample	IS-1622
2	E. coli, MPN/100ml	Not Detected	≥2		

ND= Not Detected; LOQ= Limit of Quantification; *Not Detected

Inference: The tested sample of water conforms to IS-10500:2012 for drinking water specifications and is fit for human consumption w.r.t. above test.

Sushma
Testing Section

Suman
Prepared By

Suman
Checked By:

Meenakshi Bakshi
AUTHORISED SIGNATORY

Dr. Biswapriya/Suman Yadav Dr. M. Tripathi, QM Page 3 of 3

Ms. Meenakshi Bakshi, Scientist-B

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E-mail : farelabs@farelabs.com
Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills
Modinagar Dist. Ghaziabad UP

J.O. No.: FL/W/11022020-019
ULR Code: TC5503 19 2 00013170 F
Report Date: 17/02/2020
Sample Receipt Date: 11/02/2020
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : **Borewell Water (One Sample)**
Brand Name, if any : None
Sample Quantity & Packaging : 1LitreX3, Pet Bottle
Test Started on : 11/02/2020
Test Completed : 17/02/2020
Method of Sampling : FL/SOP/B/D-1
Date of Sampling : 11/02/2020
Sample Collected by : Mr. Ajay Kumar (FARELABS Representative)



Certificate No. TC-5503

Analysis Report

Physical Description: Water is clear without any sediments, suspended particles & extraneous matter

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012		Protocol
			Acceptable Limit	Permissible Limit	
Chemical Analysis:					
1	Colour, Hazen	5	5 Max.	15	IS:3025 (P-4)
2	Odour	Agreeable	Agreeable	Agreeable	IS:3025 (P-5)
3	Taste	Agreeable	Agreeable	Agreeable	IS:3025 (P-7&8)
4	Turbidity, NTU	0.12	1.0 Max.	5	IS:3025 (P-10)
5	pH Value	6.74	6.5 - 8.5	No Relaxation	IS:3025 (P-11)
6	Total Dissolved Solids, mg/L	892	500 Max.	2000	IS:3025 (P-16)
7	Chloride (as Cl), mg/L	171.94	250 Max.	1000	IS:3025 (P-32)
8	Sulphide (as H ₂ S), mg/L	ND, [LOQ - 0.005]	0.05 Max.	No Relaxation	APHA 23 rd Ed.
9	Total Alkalinity (as CaCO ₃), mg/L	450	200 Max.	600	IS:3025 (P-23)
10	Total Hardness (as CaCO ₃), mg/L	432	200 Max.	600	IS:3025 (P-21)

Testing Section

Prepared By
Nayla Tazeen

Checked By
Satish Kumar Singh

(AUTHORISED SIGNATORY)
D Mathur, Director

Page 1 of 2

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E-mail : farelabs@farelabs.com
Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills
Modinagar Dist. Ghazilabad UP

J.O. No.: FL/W/11022020-019
ULR Code: TC5503 19 2 00013170 F
Report Date: 17/02/2020
Sample Receipt Date: 11/02/2020
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : **Borewell Water (One Sample)**
Brand Name, if any : None
Sample Quantity & Packaging : 1LitreX3, Pet Bottle
Test Started on : 11/02/2020
Test Completed : 17/02/2020
Method of Sampling : FL/SOP/B/D-1
Date of Sampling : 11/02/2020
Sample Collected by : Mr. Ajay Kumar (FARELABS Representative)



Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012		Protocol
			Acceptable Limit	Permissible Limit	
Metals Analysis:					
1	Arsenic (as As), mg/L	ND, [LOQ - 0.002]	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01
2	Lead (as Pb), mg/L	ND, [LOQ-0.002]	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01

Note: FL/SOP/ICPMS-01, Based on APHA 23rd Ed. 2017
ND= Not Detected; LOQ= Limit of Quantification

Inference: The tested sample of water **conforms** to the specifications of drinking water (IS-10500:2012), in case of permissible limit, w.r.t. above tests.

Megha
Testing Section

Prachi
Prepared By
Prachi Chaudhary

Rajan
Checked By
Rajendra Yadav

(AUTHORISED SIGNATORY)
D Mathur, Director

Page 2 of 2

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Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills
Modinagar Dist. Ghaziabad UP

J.O. No.: FL/W/SL/11022020-007
Report Date: 17/02/2020
Sample Receipt Date: 11/02/2020
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples	: Borewell Water (One Sample)
Brand Name, if any	: None
Sample Quantity & Packaging	: 500ml Sterilized Bottle
Test Started on	: 11/02/2020
Test Completed	: 17/02/2020
Method of Sampling	: FL/SOP/B/D-1
Date of Sampling	: 11/02/2020
Sample Collected by	: Mr. Ajay Kumar (FARELABS Representative)

Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012	Protocol
Microbiological Analysis:				
1	Total Coliform, per 100ml	Absent	Shall not be detectable in any 100ml sample	IS:15185
2	E. coli, per 100ml	Absent		

Inference: The tested sample of water **conforms** to the specifications of drinking water (IS-10500:2012), w.r.t. above tests.

Swati

Testing Section

Suman

Prepared By
Suman Yadav

Dr. M. Tripathi

Checked By
Dr. M. Tripathi, QM Page 1 of 1

Meenakshi Bakshi

(AUTHORISED SIGNATORY)
Ms. Meenakshi Bakshi, Scientist-B

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Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills
Modinagar, Dist: Ghaziabad U.P.

J.O. No.: FL/W/28012021-036
ULR Code: TC5503 21 2 00001363 F
Report Date: 02/02/2021
Sample Receipt Date: 28/01/2021
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : **Borewell Water (One Sample)**
Brand Name, if any : None
Location : None
Sample Quantity & Packaging : 1litrex10 Pet Bottle, 500ml Sterilized bottle
Test started on : 28/01/2021
Test Completed : 02/02/2021
Method of Sampling : FL/SOP/B/D-1
Date of Sampling : 28/01/2021
Sample Collected by : Mr. Ajay Gujjar (FARE LABS Representative)



Analysis Report

Physical Description: Water is clear without any sediments, suspended particles & extraneous matter

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012		Protocol
			Acceptable Limit	Permissible Limit	
Chemical Analysis:					
1	Colour, Hazen	5	5 Max.	15	IS:3025 (P-4)
2	Odour	Agreeable	Agreeable	Agreeable	IS:3025 (P-5)
3	Taste	Agreeable	Agreeable	Agreeable	IS:3025 (P-7&8)
4	Turbidity, NTU	0.25	1.0 Max.	5	IS:3025 (P-10)
5	pH Value	7.44	6.5 - 8.5	No Relaxation	IS:3025 (P-11)
6	Total Dissolved Solids, mg/L	984	500 Max.	2000	IS:3025 (P-16)
7	Ammonia, mg/L	ND, [LOQ - 0.01]	0.5 Max.	No Relaxation	APHA 23 rd Ed.
8	Anionic detergents (as MBAS), mg/L	ND, [LOQ - 0.01]	0.2 Max.	1.0	APHA 23 rd Ed.
9	Chloride (as Cl), mg/L	191.94	250 Max.	1000	IS:3025 (P-32)
10	Calcium (as Ca), mg/L	96.0	75 Max.	200	IS:3025 (P-40)
11	Cyanide (as CN), mg/L	ND, [LOQ - 0.03]	0.05 Max.	No Relaxation	APHA 23 rd Ed.
12	Chloramines (as Cl ₂), mg/L	ND, [LOQ - 0.05]	4 Max.	No Relaxation	APHA 23 rd Ed.
13	Fluoride (as F), mg/L	0.24	1.0 Max.	1.5	APHA 23 rd Ed.
14	Magnesium (as Mg), mg/L	34.99	30 Max.	100	APHA 23 rd Ed.
15	Nitrate (as NO ₃), mg/L	4.95	45 Max.	No Relaxation	APHA 23 rd Ed.
16	Phenolic substances (as C ₆ H ₅ OH), mg/L	ND, [LOQ - 0.0005]	0.001 Max.	0.002	IS:3025 (P-43)
17	Residual free Chlorine, mg/L	ND, [LOQ - 0.1]	0.2 Min.	1	APHA 23 rd Ed.
18	Sulphate (as SO ₄), mg/L	67.0	200 Max.	400	APHA 23 rd Ed.
19	Sulphide (as H ₂ S), mg/L	ND, [LOQ - 0.005]	0.05 Max.	No Relaxation	APHA 23 rd Ed.
20	Total Alkalinity (as CaCO ₃), mg/L	410	200 Max.	600	IS:3025 (P-23)
21	Total Hardness (as CaCO ₃), mg/L	384	200 Max.	600	IS:3025 (P-21)

Testing Section

Prepared By
Nayla Tazeen

Checked By
Satish Kumar Singh

(AUTHORISED SIGNATORY)
B. Nathu, Director

Page 1 of 6

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TESTING, CALIBRATION, PROFICIENCY TESTING, R&D & TRAINING SERVICES

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E-mail : farelabs@farelabs.com
Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills
Modinagar, Dist: Ghaziabad U.P.

J.O. No.: FL/W/28012021-036
ULR Code: TC5503 21 2 00001363 F
Report Date: 02/02/2021
Sample Receipt Date: 28/01/2021
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : **Borewell Water (One Sample)**
Brand Name, if any : None
Location : None
Sample Quantity & Packaging : 1litrex10 Pet Bottle, 500ml Sterilized bottle
Test started on : 28/01/2021
Test Completed : 02/02/2021
Method of Sampling : FL/SOP/B/D-1
Date of Sampling : 28/01/2021
Sample Collected by : Mr. Ajay Gujjar (FARE LABS Representative)



Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012		Protocol
			Acceptable Limit	Permissible Limit	
Metals Analysis:					
1	Aluminium (as Al), mg/L	ND, [LOQ - 0.01]	0.03 Max.	0.2	FL/SOP/ICPMS-01
2	Arsenic (as As), mg/L	ND, [LOQ - 0.002]	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01
3	Barium (as Ba), mg/L	ND, [LOQ - 0.01]	0.7 Max.	No Relaxation	FL/SOP/ICPMS-01
4	Boron (as B), mg/L	ND, [LOQ - 0.01]	0.5 Max.	2.4	FL/SOP/ICPMS-01
5	Cadmium (as Cd), mg/L	ND, [LOQ - 0.001]	0.003 Max.	No Relaxation	FL/SOP/ICPMS-01
6	Chromium (as Cr), mg/L	ND, [LOQ - 0.005]	0.05 Max.	No Relaxation	FL/SOP/ICPMS-01
7	Copper (as Cu), mg/L	ND, [LOQ - 0.01]	0.05 Max.	1.5	FL/SOP/ICPMS-01
8	Iron (as Fe), mg/L	0.060	1.0 Max.	No Relaxation	FL/SOP/ICPMS-01
9	Lead (as Pb), mg/L	ND, [LOQ-0.002]	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01
10	Manganese (as Mn), mg/L	ND, [LOQ - 0.005]	0.1 Max.	0.3	FL/SOP/ICPMS-01
11	Molybdenum (as Mo), mg/L	ND, [LOQ - 0.002]	0.07 Max.	No Relaxation	FL/SOP/ICPMS-01
12	Mercury (as Hg), mg/L	ND, [LOQ - 0.0005]	0.001 Max.	No Relaxation	FL/SOP/ICPMS-01
13	Nickel (as Ni), mg/L	ND, [LOQ - 0.002]	0.02 Max.	No Relaxation	FL/SOP/ICPMS-01
14	Selenium (as Se), mg/L	ND, [LOQ - 0.005]	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01
15	Silver (as Ag), mg/L	ND, [LOQ - 0.002]	0.1 Max.	No Relaxation	FL/SOP/ICPMS-01
16	Zinc (as Zn), mg/L	ND, [LOQ - 0.01]	5.0 Max.	15	FL/SOP/ICPMS-01

Note: FL/SOP/ICPMS-01, Based on APHA 23rd Ed. 2017

Testing Section

Prepared By

Checked By

(AUTHORISED SIGNATORY)
D. Mathur, Director

Page 2 of 6

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TEST REPORT

Issued to: Modi Sugar Mills
 Modinagar, Dist: Ghaziabad U.P.

J.O. No.: FL/W/28012021-036
 ULR Code: TC5503 21 2 00001363 F
 Report Date: 02/02/2021
 Sample Receipt Date: 28/01/2021
 Account Manager: Swati Singh
 Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples	: Borewell Water (One Sample)
Brand Name, if any	: None
Location	: None
Sample Quantity & Packaging	: 1litrex10 Pet Bottle, 500ml Sterilized bottle
Test started on	: 28/01/2021
Test Completed	: 02/02/2021
Method of Sampling	: FL/SOP/B/D-1
Date of Sampling	: 28/01/2021
Sample Collected by	: Mr. Ajay Gujjar (FARE LABS Representative)



Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012		Protocol
			Acceptable Limit	Permissible Limit	
1	Mineral Oil, mg/L	ND, [LOQ-0.01]	0.5 Max.	No Relaxation	IS-3025 (P-39)
2	Polynuclear aromatic hydrocarbons (as PAHs), mg/L	ND, [LOQ-0.00001]	0.0001 Max.	No Relaxation	FL/SOP/HPLC-75
3	Polychlorinated Biphenyls (PCBs), mg/L	ND, [LOQ-0.00001]	0.0005 Max.	No Relaxation	FL/SOP/GCMS/P-01
4	Trihalomethanes (THM):				
	Bromoform, mg/L	ND, [LOQ-0.005]	0.1 Max.	No Relaxation	FL/SOP/GC-26
	Dibromochloromethane, mg/L	ND, [LOQ-0.005]	0.1 Max.	No Relaxation	FL/SOP/GC-26
	Bromodichloromethane, mg/L	ND, [LOQ-0.005]	0.06 Max.	No Relaxation	FL/SOP/GC-26
	Chloroform, mg/L	ND, [LOQ-0.005]	0.2 Max.	No Relaxation	FL/SOP/GC-26

Note: FL/SOP/HPLC-75, FL/SOP/GCMS/P-01 Based on AOAC 990.06; FL/SOP/GC-26 Based on APHA 23rd Ed. 2017

[Signature]
 Testing Section

[Signature]
 Prepared By
 Surbhi Kumari

[Signature]
 Checked By
 Mihlesh Kumar

Page 3 of 6

(AUTHORISED SIGNATORY)
[Signature]
 D Mathur, Director

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FL/S/01M/105



FARELABS

FOOD ANALYSIS & RESEARCH LABORATORY

TESTING, CALIBRATION, PROFICIENCY TESTING, R&D & TRAINING SERVICES

FARE LABS Private Limited

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Fax : +91-124-4036038, Cell : +91-95992 21227

E-mail : farelabs@farelabs.com

Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills

Modinagar, Dist: Ghaziabad U.P.

J.O. No.: FL/W/28012021-036

ULR Code: TC5503 21 2 00001363 F

Report Date: 02/02/2021

Sample Receipt Date: 28/01/2021

Account Manager: Swati Singh

Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples

Brand Name, if any

Location

Sample Quantity & Packaging

Test started on

Test Completed

Method of Sampling

Date of Sampling

Sample Collected by

: Borewell Water (One Sample)

: None

: None

: 1litrex10 Pet Bottle, 500ml Sterilized bottle

: 28/01/2021

: 02/02/2021

: FL/SOP/B/D-1

: 28/01/2021

: Mr. Ajay Gujjar (FARE LABS Representative)



Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012		Protocol
			Acceptable Limit	Permissible Limit	
Pesticide Residues, µg/L					
1	Alachlor	ND, [LOQ- 0.01]	20	No Relaxation	FL/SOP/GCMS/P-01
2	α -HCH	ND, [LOQ- 0.01]	0.01	No Relaxation	FL/SOP/GCMS/P-01
3	β - HCH	ND, [LOQ- 0.01]	0.04	No Relaxation	FL/SOP/GCMS/P-01
4	γ - HCH	ND, [LOQ- 0.01]	2	No Relaxation	FL/SOP/GCMS/P-01
5	δ -HCH	ND, [LOQ- 0.01]	0.04	No Relaxation	FL/SOP/GCMS/P-01
6	o,p- DDD	ND, [LOQ- 0.01]	1	No Relaxation	FL/SOP/GCMS/P-01
7	p,p- DDD	ND, [LOQ- 0.01]			FL/SOP/GCMS/P-01
8	o,p-DDE	ND, [LOQ- 0.01]			FL/SOP/GCMS/P-01
9	p,p-DDE	ND, [LOQ- 0.01]			FL/SOP/GCMS/P-01
10	o,p-DDT	ND, [LOQ- 0.01]			FL/SOP/GCMS/P-01
11	p,p-DDT	ND, [LOQ- 0.01]			FL/SOP/GCMS/P-01
12	Endosulfan - α	ND, [LOQ- 0.01]	0.4	No Relaxation	FL/SOP/GCMS/P-01
13	Endosulfan - β	ND, [LOQ- 0.01]			FL/SOP/GCMS/P-01
14	Endosulfan Sulfate	ND, [LOQ- 0.01]			FL/SOP/GCMS/P-01
15	Butachlor	ND, [LOQ- 0.01]	125	No Relaxation	FL/SOP/GCMS/P-01

Testing Section

Prepared By

Checked By
Mithilesh Kumar

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D Nathuk, Director

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TEST REPORT

Issued to: Modi Sugar Mills

Modinagar, Dist: Ghaziabad U.P.

J.O. No.: FL/W/28012021-036

ULR Code: TC5503 21 2 00001363 F

Report Date: 02/02/2021

Sample Receipt Date: 28/01/2021

Account Manager: Swati Singh

Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples

Brand Name, if any

Location

Sample Quantity & Packaging

Test started on

Test Completed

Method of Sampling

Date of Sampling

Sample Collected by

: **Borewell Water** (One Sample)

: None

: None

: 1litrex10 Pet Bottle, 500ml Sterilized bottle

: 28/01/2021

: 02/02/2021

: FL/SOP/B/D-1

: 28/01/2021

: Mr. Ajay Gujjar (FARE LABS Representative)



TC-5503

Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012		Protocol
			Acceptable Limit	Permissible Limit	
Pesticide Residues, µg/L					
16	Chlorpyrifos	ND, [LOQ- 0.01]	30	No Relaxation	FL/SOP/GCMS/P-01
17	Phorate	ND, [LOQ- 0.01]	2	No Relaxation	FL/SOP/GCMS/P-01
18	Methyl parathion	ND, [LOQ- 0.01]	0.3	No Relaxation	FL/SOP/GCMS/P-01
19	Malathion	ND, [LOQ- 0.01]	190	No Relaxation	FL/SOP/GCMS/P-01
20	Aldrin	ND, [LOQ- 0.01]	0.03	No Relaxation	FL/SOP/GCMS/P-01
21	Dieldrin	ND, [LOQ- 0.01]	0.03	No Relaxation	FL/SOP/GCMS/P-01
22	Ethion	ND, [LOQ- 0.01]	3	No Relaxation	FL/SOP/GCMS/P-01
23	Isoproturon	ND, [LOQ- 0.01]	9	No Relaxation	FL/SOP/LCMS/P-01
24	2,4- D	ND, [LOQ- 0.01]	30	No Relaxation	FL/SOP/LCMS/P-01
25	Atrazine	ND, [LOQ- 0.01]	2	No Relaxation	FL/SOP/LCMS/P-01
26	Monocrotophos	ND, [LOQ- 0.01]	1	No Relaxation	FL/SOP/LCMS/P-01

Note: FL/SOP/GCMS/P-01, FL/SOP/LCMS/P-01 Based on AOAC 990.06

Tested By
[Signature]

Prepared By
[Signature]

Checked By
Mithilesh Kumar

Page 5 of 6

(AUTHORISED SIGNATORY)
D Nathur Director

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Website : www.farelabs.com

TEST REPORT

Issued to: Modi Sugar Mills
Modinagar, Dist: Ghaziabad U.P.

J.O. No.: FL/W/28012021-036
ULR Code: TC5503 21 2 00001363 F
Report Date: 02/02/2021
Sample Receipt Date: 28/01/2021
Account Manager: Swati Singh
Credit Manager: Gulab/Septesh

Sample Particulars:

Nature of the Sample & No. of Samples : **Borewell Water (One Sample)**
Brand Name, if any : None
Location : None
Sample Quantity & Packaging : 1litrex10 Pet Bottle, 500ml Sterilized bottle
Test started on : 28/01/2021
Test Completed : 02/02/2021
Method of Sampling : FL/SOP/B/D-1
Date of Sampling : 28/01/2021
Sample Collected by : Mr. Ajay Gujjar (FARE LABS Representative)



Analysis Report

S. No.	Parameter	Test Result	Specifications as per IS-10500:2012	Protocol
Microbiological Analysis:				
1	Total Coliform, per 100ml	Absent	Shall not be detectable in any 100ml sample	IS:15185
2	E. coli, per 100ml	Absent		

ND= Not Detected; LOQ= Limit of Quantification

Inference: The tested sample of water **conforms** to the specifications of drinking water (IS-10500:2012), in case of permissible limit

Suman
Testing Section

Suman
Prepared By
Suman Yadav/Kamal Sharma

Dr. M. Tripathi
Checked By
Dr. M. Tripathi, QM

Page 6 of 6

Meenakshi Bakshi
(AUTHORISED SIGNATORY)
Ms. Meenakshi Bakshi, Scientist-B

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E-mail : farelabs@farelabs.com

Website : www.farelabs.com

TEST REPORT

Issued to :

Modi Sugar Mills,
Modi Sugar Mills, Modinagar, Ghaziabad
Uttar Pradesh, India

J.O. No. : W20220103-026-053
ULR Code : TC5503 22 2 00000079 F
Report Date : 10-01-2022
Sample Receipt Date : 03-01-2022
Account Manager : Swati Singh
Credit Manager : Gulab Singh/Septesh Kumar

Sample Particulars:

Nature of the Sample & No. of Samples : **Borewell Water**
Location : Borewell Plant
Sample Quantity & Packaging : 1 Litre x 10 Pet Bottle, 500ml Sterilized Bottle
Test started on : 03-01-2022
Test Completed : 10-01-2022
Method of Sampling : FL/SOP/B/D-1
Date of Sampling : 03-01-2022
Sample Collected by : Mr. Ramesh (FARE LABS Representative)



Analysis Report

Physical Description : Water is clear without any sediments, suspended particles & extraneous matter.

S. No.	Parameters	Unit	Test Results	Specifications as per IS-10500:2012		Test Method
				Acceptable Limit	Permissible Limit	
Chemical Analysis						
1	Ammonia	mg/L	ND, (LOQ-0.01)	0.5 Max.	No Relaxation	APHA 23 rd Ed.
2	Anionic Detergents (as MBAS)	mg/L	ND, (LOQ-0.01)	0.2 Max.	1	APHA 23 rd Ed.
3	Calcium (as Ca)	mg/L	86.4	75 Max.	200	IS 3025 (P-40)
4	Chloramines (as Cl ₂)	mg/L	ND, (LOQ-0.05)	4 Max.	No Relaxation	APHA 23 rd Ed.
5	Chloride (as Cl)	mg/L	179.94	250 Max.	1000	IS 3025 (P-32)
6	Colour	Hazen	5	5 Max.	15	IS 3025 (P-4)
7	Cyanide (as CN)	mg/L	ND, (LOQ-0.03)	0.05 Max.	No Relaxation	APHA 23 rd Ed.
8	Fluoride (as F)	mg/L	0.07	1.0 Max.	1.5	APHA 23 rd Ed.
9	Magnesium (as Mg)	mg/L	35.96	30 Max.	100	APHA 23 rd Ed.
10	Mineral oil	mg/L	ND, (LOQ-0.01)	1.0 Max.	No Relaxation	IS 3025 (P-39)
11	Nitrate (as NO ₃)	mg/L	4.86	45 Max.	No Relaxation	APHA 23 rd Ed.
12	Odour	--	Agreeable	Agreeable	Agreeable	IS 3025 (P-5)
13	Phenolic substances (as C ₆ H ₅ OH)	mg/L	ND, (LOQ-0.0005)	0.001 Max.	0.002	APHA 23 rd Ed.
14	Polychlorinated biphenyls	mg/L	ND, (LOQ-0.00001)	0.0005 Max.	No Relaxation	FL/SOP/GCMS/P-01
15	Polynuclear aromatic hydrocarbons (as PAHs)	mg/L	ND, (LOQ-0.00001)	0.0001 Max.	No Relaxation	FL/SOP/HPLC-75
16	Residual Free Chlorine	mg/L	ND, (LOQ-0.1)	0.2 Min.	1	APHA 23 rd Ed.
17	Sulphate (as SO ₄)	mg/L	64.60	200 Max.	400	APHA 23 rd Ed.
18	Sulphide (as H ₂ S)	mg/L	ND, (LOQ-0.005)	0.05 Max.	No Relaxation	APHA 23 rd Ed.
19	Taste	--	Agreeable	Agreeable	Agreeable	IS 3025 (P-7&8)

Reviewed By

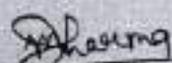
 Authorised Signatory
 D. Mathur, Director

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 E-mail : farelabs@farelabs.com
 Website : www.farelabs.com
TEST REPORT**Issued to :**
Modi Sugar Mills,
 Modi Sugar Mills, Modinagar, Ghaziabad
 Uttar Pradesh, India

 J.O. No. : W20220103-026-053
 ULR Code : TC5503 22 2 00000079 F
 Report Date : 10-01-2022
 Sample Receipt Date : 03-01-2022
 Account Manager : Swati Singh
 Credit Manager : Gulab Singh/Septesh Kumar
Sample Particulars:
 Nature of the Sample & No. of Samples : **Borewell Water**
 Location : Borewell Plant
 Sample Quantity & Packaging : 1 Litre x 10 Pet Bottle, 500ml Sterilized Bottle
 Test started on : 03-01-2022
 Test Completed : 10-01-2022
 Method of Sampling : FL/SOP/B/D-1
 Date of Sampling : 03-01-2022
 Sample Collected by : Mr.Ramesh (FARE LABS Representative)
**Analysis Report**

S. No.	Parameters	Unit	Test Results	Specifications as per IS-10500:2012		Test Method
				Acceptable Limit	Permissible Limit	
Chemical Analysis						
20	Total Alkalinity (as CaCO ₃)	mg/L	430	200 Max.	500	IS:3025 (P-23)
21	Total Hardness (as CaCO ₃)	mg/L	364	200 Max.	500	IS 3025 (P-21)
22	Total Dissolved Solids	mg/L	956	500 Max.	2000	IS 3025 (P-16)
23	Turbidity	NTU	0.36	1.0 Max.	5	IS 3025 (P-10)
24	pH value	--	7.38	6.5-8.5 Max.	No Relaxation	IS 3025 (P-11)
Metal Analysis						
25	Aluminium (as Al)	mg/L	ND, (LOQ-0.01)	0.03 Max.	0.2	FL/SOP/ICPMS-01
26	Arsenic (as As)	mg/L	ND, (LOQ-0.002)	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01
27	Barium (as Ba)	mg/L	ND, (LOQ-0.01)	0.7 Max.	No Relaxation	FL/SOP/ICPMS-01
28	Boron (as B)	mg/L	ND, (LOQ-0.01)	0.5 Max.	2.4	FL/SOP/ICPMS-01
29	Cadmium (as Cd)	mg/L	ND, (LOQ-0.001)	0.003 Max.	No Relaxation	FL/SOP/ICPMS-01
30	Chromium (as Cr)	mg/L	ND, (LOQ-0.005)	0.05 Max.	No Relaxation	FL/SOP/ICPMS-01
31	Copper (as Cu)	mg/L	ND, (LOQ-0.01)	0.05 Max.	1.5	FL/SOP/ICPMS-01
32	Iron (as Fe)	mg/L	0.057	1.0 Max.	No Relaxation	FL/SOP/ICPMS-01
33	Lead (as Pb)	mg/L	ND, (LOQ-0.002)	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01
34	Manganese (as Mn)	mg/L	ND, (LOQ-0.005)	0.1 Max.	0.3	FL/SOP/ICPMS-01
35	Mercury (as Hg)	mg/L	ND, (LOQ-0.0005)	0.001 Max.	No Relaxation	FL/SOP/ICPMS-01
36	Molybdenum (as MO)	mg/L	ND, (LOQ-0.002)	0.07 Max.	No Relaxation	FL/SOP/ICPMS-01
37	Nickel (as Ni)	mg/L	ND, (LOQ-0.002)	0.02 Max.	No Relaxation	FL/SOP/ICPMS-01
38	Selenium (as Se)	mg/L	ND, (LOQ-0.005)	0.01 Max.	No Relaxation	FL/SOP/ICPMS-01


 Reviewed By


 Authorised Signatory

D. Kishor, Director

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TEST REPORT**Issued to :**

Modi Sugar Mills,
 Modi Sugar Mills, Modinagar, Ghaziabad
 Uttar Pradesh, India

J.O. No. : W20220103-026-053
 ULR Code : TC5503 22 2 00000079 F
 Report Date : 10-01-2022
 Sample Receipt Date : 03-01-2022
 Account Manager : Swati Singh
 Credit Manager : Gulab Singh/Septesh Kumar

Sample Particulars:

Nature of the Sample & No. of Samples
 Location
 Sample Quantity & Packaging
 Test started on
 Test Completed
 Method of Sampling
 Date of Sampling
 Sample Collected by

: Borewell Water
: Borewell Plant
 : 1 Litre x 10 Pet Bottle, 500ml Sterilized Bottle
 : 03-01-2022
 : 10-01-2022
 : FL/SOP/B/D-1
 : 03-01-2022
 : Mr. Ramesh (FARE LABS Representative)

**Analysis Report**

S. No.	Parameters	Unit	Test Results	Specifications as per 15-10500:2012		Test Method
				Acceptable Limit	Permissible Limit	
Metal Analysis						
39	Silver (as Ag)	mg/L	ND, (LOQ-0.05)	0.1 Max.	No Relaxation	FL/SOP/ICPMS-01
40	Zinc (as Zn)	mg/L	ND, (LOQ-0.01)	5.0 Max.	15	FL/SOP/ICPMS-01
Trihalomethanes (THM)						
41	Bromodichloromethane	mg/L	ND, (LOQ-0.005)	0.06 Max.	No Relaxation	FL/SOP/GC-26
42	Bromoform	mg/L	ND, (LOQ-0.005)	0.1 Max.	No Relaxation	FL/SOP/GC-26
43	Chloroform	mg/L	ND, (LOQ-0.005)	0.2 Max.	No Relaxation	FL/SOP/GC-26
44	Dibromochloromethane	mg/L	ND, (LOQ-0.005)	0.1 Max.	No Relaxation	FL/SOP/GC-26
Pesticide Residues						
45	2,4- Dichlorophenoxyacetic acid	µg/L	ND, (LOQ-0.01)	30 Max.	No Relaxation	FL/SOP/LCMS/P-01
46	Alachlor	µg/L	ND, (LOQ-0.01)	20 Max.	No Relaxation	FL/SOP/GCMS/P-01
47	Aldrin	µg/L	ND, (LOQ-0.01)	0.03 Max.	No Relaxation	FL/SOP/GCMS/P-01
48	Alpha HCH	µg/L	ND, (LOQ-0.01)	0.01 Max.	No Relaxation	FL/SOP/GCMS/P-01
49	Atrazine	µg/L	ND, (LOQ-0.01)	2 Max.	No Relaxation	FL/SOP/LCMS/P-01
50	Beta HCH	µg/L	ND, (LOQ-0.01)	0.04 Max.	No Relaxation	FL/SOP/GCMS/P-01
51	Butachlor	µg/L	ND, (LOQ-0.01)	125 Max.	No Relaxation	FL/SOP/GCMS/P-01
52	Chlorpyrifos	µg/L	ND, (LOQ-0.01)	30 Max.	No Relaxation	FL/SOP/GCMS/P-01
53	Delta HCH	µg/L	ND, (LOQ-0.01)	0.04 Max.	No Relaxation	FL/SOP/GCMS/P-01
54	Dieldrin	µg/L	ND, (LOQ-0.01)	0.03 Max.	No Relaxation	FL/SOP/GCMS/P-01
55	Endosulfan-alpha	µg/L	ND, (LOQ-0.01)	0.4 Max.	No Relaxation	FL/SOP/GCMS/P-01
56	Endosulfan-beta	µg/L	ND, (LOQ-0.01)	0.4 Max.	No Relaxation	FL/SOP/GCMS/P-01

R. Ramesh
 Reviewed By

D. Mathur
 Authorised Signatory
 D. Mathur, Director

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TEST REPORT**Issued to :**

Modi Sugar Mills,
 Modi Sugar Mills, Modinagar, Ghaziabad
 Uttar Pradesh, India

J.O. No. : W20220103-026-053
 ULR Code : TC5503 22 2 00000079 F
 Report Date : 10-01-2022
 Sample Receipt Date : 03-01-2022
 Account Manager : Swati Singh
 Credit Manager : Gulab Singh/Septesh Kumar

Sample Particulars:

Nature of the Sample & No. of Samples : **Borewell Water**
 Location : Borewell Plant
 Sample Quantity & Packaging : 1Litre x 10 Pet Bottle, 500ml Sterilized Bottle
 Test started on : 03-01-2022
 Test Completed : 10-01-2022
 Method of Sampling : FL/SOP/B/D-1
 Date of Sampling : 03-01-2022
 Sample Collected by : Mr.Ramesh (FARE LABS Representative)

Borewell Water
 Borewell Plant
 1Litre x 10 Pet Bottle, 500ml Sterilized Bottle
 03-01-2022
 10-01-2022
 FL/SOP/B/D-1
 03-01-2022
 Mr.Ramesh (FARE LABS Representative)



TC-5503

Analysis Report

S. No.	Parameters	Unit	Test Results	Specifications as per IS-10500:2012		Test Method
				Acceptable Limit	Permissible Limit	
Pesticide Residues						
57	Endosulfan-sulphate)	µg/L	ND, (LOQ-0.01)	0.4 Max.	No Relaxation	FL/SOP/GCMS/P-01
58	Ethion	µg/L	ND, (LOQ-0.01)	3 Max.	No Relaxation	FL/SOP/GCMS/P-01
59	Gamma - HCH (Lindane)	µg/L	ND, (LOQ-0.01)	2 Max.	No Relaxation	FL/SOP/GCMS/P-01
60	Isoproturon	µg/L	ND, (LOQ-0.01)	9 Max.	No Relaxation	FL/SOP/LCMS/P-01
61	Malathion	µg/L	ND, (LOQ-0.01)	190 Max.	No Relaxation	FL/SOP/GCMS/P-01
62	Methyl parathion	µg/L	ND, (LOQ-0.01)	0.3 Max.	No Relaxation	FL/SOP/GCMS/P-01
63	Monocrotophos	µg/L	ND, (LOQ-0.01)	1 Max.	No Relaxation	FL/SOP/LCMS/P-01
64	Phorate	µg/L	ND, (LOQ-0.01)	2 Max.	No Relaxation	FL/SOP/GCMS/P-01
65	o,p- DDD	µg/L	ND, (LOQ-0.01)	1 Max.	No Relaxation	FL/SOP/GCMS/P-01
66	o,p-DDE	µg/L	ND, (LOQ-0.01)	1 Max.	No Relaxation	FL/SOP/GCMS/P-01
67	o,p-DDT	µg/L	ND, (LOQ-0.01)	1 Max.	No Relaxation	FL/SOP/GCMS/P-01
68	p,p- DDD	µg/L	ND, (LOQ-0.01)	1 Max.	No Relaxation	FL/SOP/GCMS/P-01
69	p,p-DDE	µg/L	ND, (LOQ-0.01)	1 Max.	No Relaxation	FL/SOP/GCMS/P-01
70	p,p-DDT	µg/L	ND, (LOQ-0.01)	1 Max.	No Relaxation	FL/SOP/GCMS/P-01

Reviewed By

Authorised Signatory

D. J. Mehta, Director

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TEST REPORT**Issued to :**

Modi Sugar Mills,
 Modi Sugar Mills, Modinagar, Ghaziabad
 Uttar Pradesh, India

J.O. No. : W20220103-026-053
 ULR Code : TC5503 22 2 00000079 F
 Report Date : 10-01-2022
 Sample Receipt Date : 03-01-2022
 Account Manager : Swati Singh
 Credit Manager : Gulab Singh/Septesh Kumar

Sample Particulars:

Nature of the Sample & No. of Samples
 Location
 Sample Quantity & Packaging
 Test started on
 Test Completed
 Method of Sampling
 Date of Sampling
 Sample Collected by

Borewell Water
 Borewell Plant
 1 Litre x 10 Pet Bottle, 500ml Sterilized Bottle
 03-01-2022
 10-01-2022
 FL/SOP/B/D-1
 03-01-2022
 Mr.Ramesh (FARE LABS Representative)

**Analysis Report**

S. No.	Parameters	Unit	Test Results	Specifications as per IS-10500:2012		Test Method
				Acceptable Limit	Permissible Limit	
Microbiological Analysis						
71	E. Coli	per 100ml	Absent	Shall not be detectable in any 100ml sample	No Relaxation	IS 15185
72	Total Coliform	per 100ml	Absent	Shall not be detectable in any 100ml sample	No Relaxation	IS 15185

ND= Not Detected; **LOQ=** Limit of Quantification.

Note: FL/SOP/ICPMS-01 Based on APHA 23rd Ed. 2017.

Note: FL/SOP/HPLC-75, FL/SOP/GCMS/P-01 Based on AOAC 990.06; FL/SOP/GC-26 Based on APHA 23rd Ed. 2017

Note: FL/SOP/GCMS/P-01, FL/SOP/LCMS/P-01 Based on AOAC 990.06.

Inference: The tested sample of water **conforms** to the specifications of drinking water (IS-10500:2012) in case of permissible limit, with respect to above tests only.

Sati
 Reviewed By

Meenakshi Bakshi
 Authorised Signatory

Ms. Meenakshi Bakshi, Scientist B

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Office & Laboratory : 32/41, South Side of G. T. Road, UPS/DC Industrial Area, Ghaziabad - 201 008 (Delhi-NCR) INDIA.
 Contact No. - 9711159210, 9810295337, 9910249578 E-mail: epepl@proengn.com, info@proengn.com, www.proengn.com

TEST REPORT
Water Sample Analysis

Test Report No : EKO/137/100822
 Issued To : MODI SUGAR MILLS
 Modinagar,
 Distt. Ghaziabad
 (Uttar Pradesh)
 Issue Date : 13/08/2022

Sample Description : Ground Water
 Sample Drawn on : 10/08/2022
 Sample Drawn by : EPEPL (Mr. Amit Kumar)
 Sample Received on : 10/08/2022
 Sampling Location : From Borewell No.1
 Sampling Plan & Procedure : SOP-W/86
 Sample Quantity : 2.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 10/08/2022 To 13/08/2022
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10501-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	BDL	Hazen	5.0	15.0
2	pH	IS: 3025 (P-11)	7.28	-	6.5-8.5	No relaxation
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	340.0	mg/L	200.0	600.0
4	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.05	No relaxation
5	Electrical Conductivity	IS: 3025 (P-14)	1126.0	µs/cm	-	-
6	Total Dissolved Solids	IS: 3025 (P-16)	580.0	mg/L	500.0	2000.0
7	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	298.0	mg/L	200.0	600.0
8	Chloride (as Cl)	IS: 3025 (P-32)	50.0	mg/L	250.0	1000.0
9	COD (as O ₂)	IS : 3025 (P-58)	ND	mg/L	-	-
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	92.0	mg/L	200.0	400.0
11	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
12	Zinc (as Zn)	EKO/CHEM/SOP-ICPMS/W-01	<0.01	mg/L	5.0	15.0
13	Nickel (as Ni)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.02	No relaxation
14	Copper (as Cu)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	1.5
15	Cadmium (as Cd)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.003	No relaxation
16	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.29	mg/L	45.0	No relaxation
17	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	< 0.005	mg/L	0.1	0.3
18	Cobalt (as Co)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	-	-

Remark:- Standard Applicable only for Drinking Water.

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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- The test report will not be used for any publicity/legal purpose.
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- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EPE PRO ENGINEERS PVT. LTD.
 SHIVANGI BISHNOI
 SECTION INCHARGE MICROBIOLOGY
 (Authorized Signatory)

For EPE PRO ENGINEERS PVT. LTD.
 PURNIMA KUMAR
 TECHNICAL MANAGER
 (Authorized Signatory)

Office & Laboratory : 32/41, South Side of G. T. Road, Opposite Indira Park, Ghaziabad - 201 005 (Distt. Ghaziabad)
 Contact No : 97 11159210, 9810240637, 9810240679 E-mail : smajg@proengineers.com, info@proengineers.com, website : www.proengineers.com

TEST REPORT

Water Sample Analysis

Test Report No : EKO/109/16/1122

Issued To

: MODI SUGAR MILLS
 Modinagar,
 Distt. Ghaziabad
 (Uttar Pradesh)

Issue Date : 19/11/2022

Sample Description : Ground Water
 Sample Drawn on : 16/11/2022
 Sample Drawn by : EPEPL (Mr. Harish Kumar)
 Sample Received on : 18/11/2022
 Sampling Location : From Borewell No. 1
 Sampling Plan & Procedure : SOP-W/66
 Sample Quantity : 2.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 16/11/2022 To 19/11/2022
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS: 10500-2012 (Amd.No.3 Feb 2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	BDL	Hazen	5.0	15.0
2	pH	IS: 3025 (P-11)	7.36	-	6.5-8.5	No relaxation
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	344.0	mg/L	200.0	600.0
4	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.05	No relaxation
5	Electrical Conductivity	IS: 3025 (P-14)	910.0	µs/cm	-	-
6	Total Dissolved Solids	IS: 3025 (P-16)	574.0	mg/L	500.0	2000.0
7	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	296.0	mg/L	200.0	600.0
8	Chloride (as Cl)	IS: 3025 (P-32)	48.5	mg/L	250.0	1000.0
9	COD (as O ₂)	IS: 3025 (P-58)	ND	mg/L	-	-
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	90.5	mg/L	200.0	400.0
11	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
12	Zinc (as Zn)	EKO/CHEM/SOP-ICPMS/W-01	<0.01	mg/L	5.0	15.0
13	Nickel (as Ni)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.02	No relaxation
14	Copper (as Cu)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.05	1.5
15	Cadmium (as Cd)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.003	No relaxation
16	Nitrate (as NO ₃)	IS: 3025 (P-34)	5.23	mg/L	45.0	No relaxation
17	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	0.1	0.3
18	Cobalt (as Co)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	-	-

Remark: ND- Not Detected, Standard Applicable only for Drinking Water.

Notes:

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End of Report

For EKO PRO ENGINEERS PVT. LTD.



TEST REPORT

Issued to: Modi Sugar Mills
Modinagar Ghaziabad (U.P.)

Date: 24.11.2022
Report No.: QRAL/20221121/W-124

SAMPLE DETAILS

Name of the Sample	: Ground water	Date of sample receipt	: 21.11.2022
Sample Description	: Clear Water	Batch/ Lot Number	: NA
Group	: Ground water	Manufacturing date	: NA
Sample Quantity	: 2 ltr	Expiry/ Best Before	: NA
Sample Packaging Details	: Plastic Bottle	Sampling Location	: Borewell No.1
Discipline	: Chemical testing	Period of Testing	: 21.11.2022 to 24.11.2022
Sampling Method	: Sampling done by customer (Mr. Brijesh Kumar)		

TEST RESULTS

Sr. No.	Parameters	Unit	Results	Specification	Test Method
Chemical Parameter					
1.	Colour	Hazen	<1.0	5	IS:3025 (Part-4)
2.	pH Value	-	7.39	6.5 to 8.5	IS:3025 (Part-11)
3.	Total Hardness (as CaCO ₃)	mg/L	354	200-600	IS:3025 (Part-21)
4.	Chromium (as Cr)	mg/L	BLQ(0.005)	0.05	QRAL/WATER/SOP/ICP-01
5.	Electrical Conductivity	µS/cm	898	-	IS:3025 (Part-14)
6.	Total Dissolved Solids	mg/L	561	500-2000	IS:3025 (Part-16)
7.	Total Alkalinity (as CaCO ₃)	mg/L	301	200-600	IS:3025 (Part-23)
8.	Chloride (as Cl)	mg/L	50.25	250	IS:3025 (Part-32)
9.	COD	mg/L	ND	-	IS: 3025 (P-58)
10.	Sulphate (as SO ₄)	mg/L	92.28	200	IS: 3025 (P-24)
11.	Iron (as Fe)	mg/L	BLQ(0.1)	0.3	QRAL/WATER/SOP/ICP-01

- Note: ♦ The results apply to the samples as received.
♦ The results listed refer only to the tested sample and applicable parameter.
♦ This report, in full or in part, shall neither be used for advertising or as an evidence in any court of law nor reproduced, except when in full, without the written permission of the Director.
♦ Sample will be destroyed after three weeks from the date of issue of the test report (In case of non-perishable products only)
♦ All disputes are subjected to the Delhi Jurisdiction.



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Quality Research & Analytical Labs Pvt. Ltd.

ISO 9001:2015 Certified Laboratory
NABL Accredited Laboratory as per ISO/IEC 17025:2017
FSSAI Approved Laboratory / MOEF Approved Laboratory

GIN : L93890DL2017PTC321013

PAN : AAACQ4858K

GST : 07/AAACQ4858K1Z1

12.	Zinc (as Zn)	mg/L	BLQ(0.01)	5	QRAL/WATER/SOP/ICP-01
13.	Nickel (as Ni)	mg/L	BLQ (0.01)	0.02	QRAL/WATER/SOP/ICP-01
14.	Copper (as Cu)	mg/L	BLQ(0.005)	0.05	QRAL/WATER/SOP/ICP-01
15.	Cadmium (as Cd)	mg/L	BLQ(0.001)	0.003	QRAL/WATER/SOP/ICP-01
16.	Nitrate	mg/l.	6.01	45	IS: 3025 (P-34)
17.	Manganese (as Mg)	mg/L	BLQ(0.005)	0.1	QRAL/WATER/SOP/ICP-01
18.	Cobalt (as Co)	mg/L	BLQ(0.005)	-	QRAL/WATER/SOP/ICP-01

Remarks: NA

---End of Report---

Prepared By
(Ms. Unnati)Checked By
(Ms. Brishesh Kumar)

Authorized Signatory
(Dr. Gaurav Maheshwari)

- Note:
- ↔ The results apply to the samples as received.
 - ↔ The results listed refer only to the tested sample and applicable parameter.
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 - ↔ All disputes are subjected to the Delhi Jurisdiction.





TEST REPORT

Water Sample Analysis

Test Report No. : EKO/121/231121

Issue Date : 27/11/2021

Issued To

: MODI DISTILLERY
Modinagar
Ghaziabad-(U.P.)

Sample Description : Ground Water
 Sample Drawn on : 23/11/2021
 Sample Drawn by : EPEPL (Mr. Amit Kumar)
 Sample Received on : 23/11/2021
 Sampling Location : Biocompost Hand Pump No-1
 Sampling Plan & Procedure : SOP-W/06
 Sample Quantity : 1.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 23/11/2021 To 27/11/2021
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	<1.0	Hazen	5.0	15.0
2	Odour	IS: 3025 (P-5)	Agreeable	-	Agreeable	Agreeable
3	Taste	IS: 3025 (P-7)	Agreeable	-	Agreeable	Agreeable
4	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
5	pH	IS: 3025 (P-11)	7.39	-	6.5-8.5	No relaxation
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	318.0	mg/L	200.0	600.0
7	Calcium (as Ca)	IS: 3025 (P-40)	76.1	mg/L	75.0	200.0
8	Iron (as Fe)	IS: 3025 (P-53)	<0.005	mg/L	1.0	No relaxation
9	Chloride (as Cl)	IS: 3025 (P-32)	60.8	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS: 3025 (P-26)	<0.1	mg/L	0.2	1.0
11	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
12	Total Dissolved Solids	IS: 3025 (P-16)	680.0	mg/L	500.0	2000.0
13	Total Coliform	IS: 1622	Absent (<2)	MPN/100ml	Should be Absent	-

Remark:- Standard Applicable only for Drinking Water.

Notes:

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- Responsibility of the Laboratory is limited to the invoiced amount only.

End of Report

For EKO PRO ENGINEERS PVT. LTD.

SECTION INCHARGE MICROBIOLOGY

S. VANGI SINGH RAJADA
Authorized Signatory

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA MAHAJAN
TECHNICAL MANAGER
Authorized Signatory


TEST REPORT
Water Sample Analysis

Test Report No. : EKO/151/230222

Issue Date : 28/02/2022

 Issued To : MODI DISTILLERY
 Modinagar
 Ghaziabad-(U.P.)

 Sample Description : Ground Water
 Sample Drawn on : 23/02/2022
 Sample Drawn by : EPEPL (Mr. Harish Kumar)
 Sample Received on : 23/02/2022
 Sampling Location : Biocompost Hand Pump No-1
 Sampling Plan & Procedure : SOP-W/66
 Sample Quantity : 1.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 23/02/2022 To 28/02/2022
 Remark (if any) : NA
RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	<1.0	Hazen	5.0	15.0
2	Odour	IS: 3025 (P-5)	Agreeable	-	Agreeable	Agreeable
3	Taste	IS: 3025 (P-7)	Agreeable	-	Agreeable	Agreeable
4	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
5	pH	IS: 3025 (P-11)	7.31	-	6.5-8.5	No relaxation
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	324.0	mg/L	200.0	600.0
7	Calcium (as Ca)	IS: 3025 (P-40)	75.3	mg/L	75.0	200.0
8	Iron (as Fe)	IS: 3025 (P-53)	<0.005	mg/L	1.0	No relaxation
9	Chloride (as Cl)	IS: 3025 (P-32)	58.4	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS: 3025 (P-26)	<0.1	mg/L	0.2	1.0
11	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
12	Total Dissolved Solids	IS: 3025 (P-16)	689.0	mg/L	500.0	2000.0
13	Total Coliform	IS: 1622	Absent (<2)	MPN/100ml	Should be Absent	-

Remark:- Standard Applicable only for Drinking Water.

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

SHIVANSHI GINDREB ZADA
SECT. IN CHARGE MICROBIOLOGY

Authorised Signatory

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAUHAN
TECHNICAL MANAGER

Authorised Signatory

**EKO PRO ENGINEERS PVT. LTD.**Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)Office & Laboratory : 30741, South Side of G. T. Road, LFSBC Industrial Area, Ghaziabad - 201 002 (Distt-GR) INDIA.
Contact No: 9711150210, 9810240570, 9870240678 E-mail: mailto:ekopro@ecolab.com, ekopro@ecolab.com, www.ekopro.com, www.ekopro.in**TEST REPORT**
Water Sample Analysis

Test Report No. : EKO/135/250522

Issue Date : 28/05/2022

Issued To : MODI DISTILLERY
Modinagar
Ghaziabad-(U.P.)Sample Description : Ground Water
Sample Drawn on : 24/05/2022
Sample Drawn by : EPEPL (Mr. Umesh Kumar)
Sample Received on : 25/05/2022
Sampling Location : Biocompost Hand Pump No-1
Sampling Plan & Procedure : SCP-W/66
Sample Quantity : 1.0 Litre
Environmental Conditions : Normal
Analysis Duration : 25/05/2022 To 28/05/2022
Remark (if any) : NA**RESULTS**

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	<1.0	Hazen	5.0	15.0
2	Odour	IS: 3025 (P-5)	Agreeable	-	Agreeable	Agreeable
3	Taste	IS: 3025 (P-7)	Agreeable	-	Agreeable	Agreeable
4	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
5	pH	IS: 3025 (P-11)	7.34	-	6.5-8.5	No relaxation
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	280.0	mg/L	200.0	600.0
7	Calcium (as Ca)	IS: 3025 (P-40)	72.3	mg/L	75.0	200.0
8	Iron (as Fe)	IS: 3025 (P-53)	<0.005	mg/L	1.0	No relaxation
9	Chloride (as Cl)	IS: 3026 (P-32)	59.2	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS: 3025 (P-28)	<0.1	mg/L	0.2	1.0
11	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
12	Total Dissolved Solids	IS: 3025 (P-15)	498.0	mg/L	500.0	2000.0
13	Total Coliform	IS: 1622	Absent (<2)	MPN/100ml	Should be Absent	-

Remark:- Standard Applicable only for Drinking Water.

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.

SHIVANGI SINGH RAIZADA
SECTION INCHARGE MICROBIOLOGY
(Authorised Signatory)

For EKO PRO ENGINEERS PVT. LTD.

PURNIMA CHAUHAN
TECHNICAL MANAGER
(Authorised Signatory)

ANNEXURE No -12
533

226

Contact: +91 - 9810243377



EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory
(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/11, South Side of G. T. Road, IIT-DC Industrial Area, Ghaziabad - 201 009 (Distt-NCR) INDIA
Contact Nos : 0711153270, 9810243377, 9810243378 | E-mail: info@eko-pro.com, sales@eko-pro.com | Website: www.eko-pro.com

TEST REPORT

Water Sample Analysis

Test Report No : EKO138/100822

Issue Date : 13/08/2022

Issued To : MODI DISTILLERY
Modinagar
Ghaziabad-(U.P.)

Sample Description : Ground Water
Sample Drawn on : 10/08/2022
Sample Drawn by : EPEPL (Mr. Amit Kumar)
Sample Received on : 10/08/2022
Sampling Location : Biocompost Hand Pump
Sampling Plan & Procedure : SOP-W/88
Sample Quantity : 3.0 Litre
Environmental Conditions : Normal
Analysis Duration : 10/08/2022 To 13/08/2022
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No.1 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	BDL	Hazen	5.0	15.0
2	pH	IS: 3025 (P-11)	7.36	-	6.5-8.5	No relaxation
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	290.0	mg/L	200.0	600.0
4	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.05	No relaxation
5	Electrical Conductivity	IS:3025 (P-14)	730.0	µs/cm	-	-
6	Total Dissolved Solids	IS: 3025 (P-16)	460.0	mg/L	500.0	2000.0
7	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	264.0	mg/L	200.0	600.0
8	Chloride (as Cl)	IS: 3025 (P-32)	62.6	mg/L	250.0	1000.0
9	COD (as O ₂)	IS : 3025 (P-56)	ND	mg/L	-	-
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	90.2	mg/L	200.0	400.0
11	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
12	Zinc (as Zn)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	5.0	15.0
13	Nickel (as Ni)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.02	No relaxation
14	Copper (as Cu)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.06	1.5
15	Cadmium (as Cd)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.003	No relaxation
16	Nitrate (as NO ₃)	IS: 3025 (P-34)	3.84	mg/L	45.0	No relaxation
17	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.1	0.3
18	Cobalt (as Co)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	-	-

Remark:- ND- Not Detected, Standard Applicable only for Drinking Water.

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
- This test report will not be generated again, either wholly or in part, without prior written permission of the Laboratory.
- The test report will not be used for any publicity/legal purpose.
- The test samples will be disposed off after 15 days from the date of issue of test report, unless until specified by the customer. Sample received for biological tests will be destroyed after 7 days from the date of issue of test report.
- Responsibility of the Laboratory is limited to the invoked amount only.

****End of Report****

EKO PRO ENGINEERS PVT. LTD.
EKO PRO ENGINEERS PVT. LTD.
 GHAZIABAD
 SHIVANGI SINGH RAIZADA
 SECTION INCHARGE MICROBIOLOGY
 THE INVOKED SIGNATORY

EKO PRO ENGINEERS PVT. LTD.
EKO PRO ENGINEERS PVT. LTD.
 GHAZIABAD
 PURNIMA CHAUHAN
 TECHNICAL MANAGER
 THE INVOKED SIGNATORY

**TEST REPORT****Water Sample Analysis**

Test Report No. : EKO/105/240822

Issue Date : 29/08/2022

Issued To : MODI DISTILLERY
Modinagar
Ghaziabad-(U.P.)

Sample Description : Ground Water
Sample Drawn on : 24/08/2022
Sample Drawn by : EPEPL (Mr. Amit Kumar)
Sample Received on : 24/08/2022
Sampling Location : Biocompost Hand Pump No-1
Sampling Plan & Procedure : SOP-W/66
Sample Quantity : 1.0 Litre
Environmental Conditions : Normal
Analysis Duration : 24/08/2022 To 29/08/2022
Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	<1.0	Hazen	5.0	15.0
2	Odour	IS: 3025 (P-5)	Agreeable	-	Agreeable	Agreeable
3	Taste	IS: 3025 (P-7)	Agreeable	-	Agreeable	Agreeable
4	Turbidity	IS: 3025 (P-10)	<1.0	NTU	1.0	5.0
5	pH	IS: 3025 (P-11)	7.31	-	6.5-8.5	No relaxation
6	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	288.0	mg/l	200.0	600.0
7	Calcium (as Ca)	IS: 3025 (P-40)	68.94	mg/l	75.0	200.0
8	Iron (as Fe)	IS: 3025 (P-53)	<0.005	mg/L	1.0	No relaxation
9	Chloride (as Cl)	IS: 3025 (P-32)	58.6	mg/L	250.0	1000.0
10	Residual Free Chlorine	IS: 3025 (P-26)	<0.1	mg/L	0.2	1.0
11	Fluoride (as F)	IS: 3025 (P-60)	<1.0	mg/L	1.0	1.5
12	Total Dissolved Solids	IS: 3025 (P-16)	446.0	mg/L	500.0	2000.0
13	Total Coliform	IS: 1622	Absent (<2)	MPN/100ml	Should be Absent	-

Remark:- Standard Applicable only for Drinking Water.

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters.
The customer asked for the above tests only.
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- Responsibility of the Laboratory is limited to the invoiced amount only.

****End of Report****

For EKO PRO ENGINEERS PVT. LTD.
SHIVANGI SINGH RAIZADA
SECTION IN CHARGE MICROBIOLOGY
(Authorised Signatory)

For EKO PRO ENGINEERS PVT. LTD.
PURNIMA DRAHIAN
TECHNICAL MANAGER
(Authorised Signatory)



EKO PRO ENGINEERS PVT. LTD.

Environmental Consultants and Analytical Laboratory

(An ISO 9001:2015 Certified Company)

Office & Laboratory : 32/41, South Gate of G. T. Road, UPSCDC Industrial Area, Ghaziabad - 201 008 (Distt-MCH) INDIA.
 Contact No.: 9711159253, 9810343670, 9810343678 E-mail: email@ekopro.in, ekoproengineers@gmail.com, website : www.ekopro.in

TEST REPORT

Water Sample Analysis

Test Report No : EKO/11/161122

Issue Date : 19/11/2022

Issued To : MOOI DISTILLERY
 Modinagar
 Ghaziabad-(U.P.)

Sample Description : Ground Water
 Sample Drawn on : 16/11/2022
 Sample Drawn by : EPEPL (Mr. Harish Kumar)
 Sample Received on : 16/11/2022
 Sampling Location : Biocompost Hand Pump
 Sampling Plan & Procedure : SOP-W66
 Sample Quantity : 2.0 Litre
 Environmental Conditions : Normal
 Analysis Duration : 16/11/2022 To 19/11/2022
 Remark (if any) : NA

RESULTS

S. No.	Parameters	Test Methods	Results	Units	Limits as per IS:10500-2012 (Amd.No.3 Feb-2021)	
					Acceptable	Permissible
1	Colour	IS: 3025 (P-4)	BDL	Hazen	5.0	15.0
2	pH	IS: 3025 (P-11)	7.26	-	6.5-8.5	No relaxation
3	Total Hardness (as CaCO ₃)	IS: 3025 (P-21)	285.0	mg/L	200.0	600.0
4	Total Chromium (as Cr)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.05	No relaxation
5	Electrical Conductivity	IS:3025 (P-14)	806.0	µs/cm	-	-
6	Total Dissolved Solids	IS: 3025 (P-16)	478.0	mg/L	500.0	2000.0
7	Total Alkalinity (as CaCO ₃)	IS: 3025 (P-23)	268.0	mg/L	200.0	600.0
8	Chloride (as Cl)	IS: 3025 (P-32)	72.5	mg/L	250.0	1000.0
9	COD (as O ₂)	IS : 3025 (P-58)	ND	mg/L	-	-
10	Sulphate (as SO ₄)	IS: 3025 (P-24)	82.9	mg/L	200.0	400.0
11	Iron (as Fe)	EKO/CHEM/SOP-ICPMS/W-01	<0.005	mg/L	1.0	No relaxation
12	Zinc (as Zn)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	5.0	15.0
13	Nickel (as Ni)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.02	No relaxation
14	Copper (as Cu)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.05	1.5
15	Cadmium (as Cd)	EKO/CHEM/SOP-ICPMS/W-01	NDL	mg/L	0.003	No relaxation
16	Nitrate (as NO ₃)	IS: 3025 (P-34)	3.78	mg/L	45.0	No relaxation
17	Manganese (as Mn)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	0.1	0.3
18	Cobalt (as Co)	EKO/CHEM/SOP-ICPMS/W-01	BDL	mg/L	-	-

Remark:- ND- Not Detected, Standard Applicable only for Drinking Water.

Notes:

- The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
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****End of Report****





TEST REPORT

Issued to: Modi Distillery
Modinagar Ghaziabad.(U.P.)

Date: 24.11.2022
Report No.: QRAL/20221121/W-123

SAMPLE DETAILS

Name of the Sample	: Ground water	Date of sample receipt	: 21.11.2022
Sample Description	: Clear Water	Batch/ Lot Number	: NA
Group	: Ground water	Manufacturing date	: NA
Sample Quantity	: 2 ltr	Expiry/ Best Before	: NA
Sample Packaging Details	: Plastic Bottle	Sampling Location	: Biocompost Hand Pump
Discipline	: Chemical testing	Period of Testing	: 21.11.2022 to 24.11.2022
Sampling Method	: Sampling done by customer (Mr. Brijesh Kumar)		

TEST RESULTS

Sr. No.	Parameters	Unit	Results	Specification	Test Method
Chemical Parameter					
1.	Colour	Hazen	<1.0	5	IS:3025 (Part-4)
2.	pH Value	-	7.20	6.5 to 8.5	IS:3025 (Part-11)
3.	Total Hardness (as CaCO ₃)	mg/L	280.09	200-600	IS:3025 (Part-21)
4.	Chromium (as Cr)	mg/L	BLQ(0.005)	0.05	QRAL/WATER/SOP/ICP-01
5.	Electrical Conductivity	µS/cm	812	-	IS:3025 (Part-14)
6.	Total Dissolved Solids	mg/L	482	500	IS:3025 (Part-16)
7.	Total Alkalinity (as CaCO ₃)	mg/L	259	200-600	IS:3025 (Part-23)
8.	Chloride (as Cl)	mg/L	78.89	250	IS:3025 (Part-32)
9.	COD	mg/L	ND	-	IS: 3025 (P-58)
10.	Sulphate (as SO ₄)	mg/L	86.66	200	IS: 3025 (P-24)

Note: ♦ The results apply to the samples as received.
♦ The results listed refer only to the tested sample and applicable parameter.
♦ This report, in full or in part, shall neither be used for advertising or as an evidence in any court of law nor reproduced, except when in full, without the written permission of the Director.
♦ Sample will be destroyed after three weeks from the date of issue of the test report (In case of non-perishable products only)
♦ All disputes are subjected to the Delhi Jurisdiction



11.	Iron (as Fe)	mg/L	BLQ(0.1)	0.3	QRAL/WATER/SOP/ICP-01
12.	Zinc (as Zn)	mg/L	BLQ(0.01)	5	QRAL/WATER/SOP/ICP-01
13.	Nickel (as Ni)	mg/L	BLQ (0.01)	0.02	QRAL/WATER/SOP/ICP-01
14.	Copper (as Cu)	mg/L	BLQ(0.005)	0.05	QRAL/WATER/SOP/ICP-01
15.	Cadmium (as Cd)	mg/L	BLQ(0.001)	0.003	QRAL/WATER/SOP/ICP-01
16.	Nitrates	mg/L	3.98	45	IS: 3025 (P-34)
17.	Manganese (as Mg)	mg/L	BLQ(0.005)	0.1	QRAL/WATER/SOP/ICP-01
18.	Cobalt (as Co)	mg/L	BLQ(0.005)	-	QRAL/WATER/SOP/ICP-01

Remarks: NA

---End of Report---

Prepared By
 (Mr. Anjali)

Checked By
 (Mr. Brijesh Kumar)

Authorized Signatory
 (Dr. Garay Maheshwari)

- Note:
- ◆ The results apply to the samples as received.
 - ◆ The results listed refer only to the tested sample and applicable parameter.
 - ◆ This report, in full or in part, shall neither be used for advertising or as an evidence in any court of law nor reproduced, except when in full, without the written permission of the Director.
 - ◆ Sample will be destroyed after three weeks from the date of issue of the test report (In case of non-perishable products only)
 - ◆ All disputes are subjected to the Delhi Jurisdiction.

MODI SUGAR MILLS
(A Unit of Modi Industries Limited)



Date : 07-09-2021

The Member Secretary
Central Pollution Control Board
Parivesh Bhawan
East Arjun Nagar
Delhi -110032

Sir,

With due respect, we beg to submit as under:

That earlier capacity of our Effluent Treatment Plant (ETP) was 500 M³ per day and Online system was also installed for the capacity of 500 M³ per day.

That as per Notification dated 14.01.2016, Issued by Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi, the capacity of our Effluent Treatment Plant was to be increased from 500 M³ to 1000 M³ per day.

The team of V.S.I. Pune have also inspected and studied our Effluent Treatment Plant & submitted an adequacy report to increase the capacity of our Effluent Treatment Plant from 500 M³ to 1000 M³ per day.

In compliance of above mentioned Notification & report submitted by the V.S.I. Pune, we placed a work order to M/s Rekart Innovations (P) Ltd., Gurugram for erection & Commissioning of Bio Pack Media for Anaerobic Clarifier increasing our ETP capacity from 500 M³ to 1000 M³ per day. Photocopy of work order dated 27/09/2019 is also enclosed herewith as Annexure No. -1 for your kind perusal.

M/s Rekart Innovations (P) Ltd., Gurugram has completed the Erection & Commissioning of Anaerobic Clarifier successfully. The system is working smoothly and very effectively achieving the parameters of Pollution Control Board. Photocopy of their completion certificate dated 02.03.2020 issued by M/s Rekart Innovations (P) Ltd., Gurugram, is also enclosed herewith as Annexure No. -2 for your kind perusal.

The team of officials of V.S.I. Pune has visited & inspected our Plant including E.T.P. on 23 & 24.02.2021 with a view to check the compliance of above mentioned notification and enhancement of capacity of our E.T.P. from 500 M³ to 1000 M³ per day.

Contd..2

MODI SUGAR MILLS

(A Unit of Modi Industries Limited)



-2-

That now they have submitted their "WATER BALANCE AND ETP PERFORMANCE ASSESSMENT REPORT", photocopy of which is also enclosed herewith as Annexure No. -3 for your kind perusal. Conclusion of the inspection made by the team of V.S.I. Pune, categorically mentioned in their "WATER BALANCE AND ETP PERFORMANCE ASSESSMENT REPORT" is reproduced below:

"Conclusion: Now present ETP is adequate to treat the 1000 m³/day effluent along with spray pond overflow Wastewater because the mill has implemented two-stage Biological treatment i.e. anaerobic filter followed by ASP. Mill also complied with the recommendations mentioned in the adequacy report, validation and revalidation report."

In view of above, you are requested to kindly update your records in connection with enhancement of Capacity of our E.T.P. from 500 M³ to 1000 M³ per day.

Thanking You.

Yours faithfully

For Modi Sugar Mills

R.P. Singh
Vice President (Tech.)

Encl: As above.

केन्द्रीय प्रदूषण नियंत्रण बोर्ड
परिेश भवन, पूर्वी अजुन नगर, दिल्ली-32

04 SEP 2021

Central Pollution Control Board
Parivesh Bhavan, East Arjun Nagar, Delhi-32

Modinagar -201 204 Distt. -Ghaziabad, (U.P.), INDIA

Telephone : 01232 - 242321, 7902108560,7902108570 E-mail : ceoffice@modisugar.com
CIN-U15429UP1932PLC000469 PAN : AAACM2063Q GSTIN : 09AAACM2063Q4Z1

MODI SUGAR MILLS

(Prop. Modi Industries Limited)

No VP/Sr

Dated 27.09.2019

M/s. Recart Innovation (P) Ltd.
245, Ground Floor
Sector 27, Golf Course Road
GURUGRAM-122009.

Sub:- Supply, Erection & Commissioning of Bio Pack Media for Anaerobic Clarifier for Sugar ETP.

Ref :- Your offer BY Mail dated 14.09.2019.

Dear Sir,

With reference to the above and subsequent personal discussions with your Mr. Rohit Garg and Mr. Rakesh on 26.09.2019 at our end, we confirm our order as under :-

Supply, Erection and Commissioning of Bio Pack - Media made from 1st Grade Polymers for ETP Quantity 270 M³ details as under:-

Sl. No.	Product	Media Size	Qty.
1	First Layer Media	0.3 mm	90 m ³
2	Second Layer Media	0.4 mm	90 m ³
3	Third Layer Media	0.5 mm	90 m ³
		Total	270 m ³

Note :-

1. The cost of above Media Rs. 12.15 lac L. S.
2. For Complete Erection and Commissioning will be charged. Extra Rs. 75000/- L. S.
3. You will provide us G.A. Drawing at the earliest for our approval.
4. As discussed during negotiation, you will provide us Technical Support for its smooth operation during the duration of warranty as and when required.
5. Warranty: You will provide us warranty for supplied media for a period of 18 months against trouble free working

Commercial Terms & Conditions :-

Price base. The above rates are FOR our factory.
P & F. Nil.
GST / Service Tax. will be extra as applicable.
Delivery 20-25 days including installation.
Dispatches. Please arrange dispatches by Road Transport on Door delivery basis.
Payment. 80% payment P/Invoice
10% after Erection, Commissioning and Trial,
05% in December, 2019 against satisfactory working of media.
05% in December, 2020 against satisfactory working of media.

Contd. Page .2

Page no. 2

Billing Address.

Modi Sugar Mills, (A Unit of Modi Industries Ltd).
Opp: Modi Temple., G.T. Road,
MODINAGAR-201204.
Distt. Ghaziabad. (U.P).

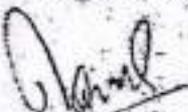
GST.NO. (MODI)

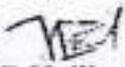
09AAACM2063Q4Z1

Please acknowledge receipt of the same as a token of acceptance.

Thanking you,

Yours faithfully,
for Modi Sugar Mills.


Anil Dixit
Manager (Pur)


V.P. Malik
Vice President.

Date-02/03/2020

To,
Modi Sugar Mills,
Modinagar,
Distt. Ghaziabad (U.P.)

Sub- Erection & Commissioning of Bio Pack media for Anaerobic Clarifier Capacity 1000 m3 per day for Sugar Factory Effluent Treatment Plant.

Dear Sir,

With reference to the purchase order dated 27/09/2019 for Erection & Commissioning of Bio-Pack media for Anaerobic Clarifier capacity 1000 m3 per day for Sugar Factory Effluent Treatment Plant & as per recommendation of VSI, Pune, we have completed the Erection & Commissioning of Anaerobic Clarifier capacity 1000m3 per day for Sugar Factory Effluent Treatment Plant & handed over the above mentioned project to Modi Sugar Mills. The system is working smoothly & very effectively & achieving the parameters of Water Pollution.

For Rekart Innovations Pvt Ltd,

For Rekart Innovations Pvt. Ltd.

Authorized Signatory

(Rohit Garg)
Senior Manager

The above System is handed over to us & working smoothly & effectively & achieving the parameters of Water Pollution fixed by the UPPCB, Lucknow & CPCB, Delhi under the provisions of water (Prevention & Control of Pollution) Act, 1974.


(Surendra Kumar Sharma)
Sr. General Manager (Engg.)

REKART INNOVATIONS (P) Ltd.

Corporate Office: 132, Sector 27, Golf Course Road, Gurugram 122009
Registered Office: 1K/72, NIT, Faridabad 121001

MODI SUGAR MILLS

(A Unit of Modi Industries Limited)

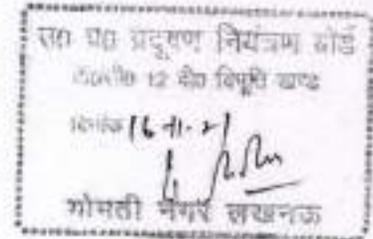


UNESH MODI

etc

Date : 07-09-2021

Chief Environmental Engineer, (Circle -1),
U.P. Pollution Control Board,
TC-12V, Vibhuti Khand,
Gomtinagar,
Lucknow



Sir,

With due respect, we beg to submit as under:

That earlier capacity of our Effluent Treatment Plant (ETP) was 500 M³ per day and Online system was also installed for the capacity of 500 M³ per day.

That as per Notification dated 14.01.2016, Issued by Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi, the capacity of our Effluent Treatment Plant was to be increased from 500 M³ to 1000 M³ per day.

The team of V.S.I. Pune have also inspected and studied our Effluent Treatment Plant & submitted an adequacy report to increase the capacity of our Effluent Treatment Plant from 500 M³ to 1000 M³ per day.

In compliance of above mentioned Notification & report submitted by the V.S.I. Pune, we placed a work order to M/s Rekart Innovations (P) Ltd., Gurugram for erection & Commissioning of Bio Pack Media for Anaerobic Clarifier increasing our ETP capacity from 500 M³ to 1000 M³ per day. Photocopy of work order dated 27/09/2019 is also enclosed herewith as Annexure No. -1 for your kind perusal.

M/s Rekart Innovations (P) Ltd., Gurugram has completed the Erection & Commissioning of Anaerobic Clarifier successfully. The system is working smoothly and very effectively achieving the parameters of Pollution Control Board. Photocopy of their completion certificate dated 02.03.2020 issued by M/s Rekart Innovations (P) Ltd., Gurugram, is also enclosed herewith as Annexure No. -2 for your kind perusal.

The team of officials of V.S.I. Pune has visited & inspected our Plant including E.T.P. on 23 & 24.02.2021 with a view to check the compliance of above mentioned notification and enhancement of capacity of our E.T.P. from 500 M³ to 1000 M³ per day.

Contd..2

Modinagar - 201 204 Distt. - Ghaziabad, (U.P.), INDIA

Telephone : 01232 - 242321, 7902108560, 7902108570 E-mail : ceoffice@modisugar.com
CIN-U15429UP1932PLC000469 PAN : AAACM2063Q GSTIN : 09AAACM2063Q4Z1

MODI SUGAR MILLS

(A Unit of Modi Industries Limited)



-2-

That now they have submitted their "WATER BALANCE AND ETP PERFORMANCE ASSESSMENT REPORT", photocopy of which is also enclosed herewith as Annexure No. -3 for your kind perusal. Conclusion of the inspection made by the team of V.S.I. Pune, categorically mentioned in their "WATER BALANCE AND ETP PERFORMANCE ASSESSMENT REPORT" is reproduced below:

"Conclusion: Now present ETP is adequate to treat the 1000 m³/day effluent along with spray pond overflow Wastewater because the mill has implemented two-stage Biological treatment i.e. anaerobic filter followed by ASP. Mill also complied with the recommendations mentioned in the adequacy report, validation and revalidation report."

In view of above, you are requested to kindly update your records in connection with enhancement of Capacity of our E.T.P. from 500 M³ to 1000 M³ per day.

Thanking You.

Yours faithfully

For Modi Sugar Mills


R.P. Singh

Vice President (Tech.)

Encl. : As above.

Copy to:-

-
1. Regional Officer, U.P. Pollution Control Board,
Sec-16, Vasundhara, Ghaziabad

RECORDED
09/11/21

REGIONAL OFFICE
P. Pollution Control Board
Sec-16 Vasundhara
Ghaziabad

Modinagar - 201 204 Distt. - Ghaziabad, (U.P.), INDIA

Telephone : 01232 - 242321, 7902108560, 7902108570 E-mail : ceoffice@modisugar.com
CIN-U15429UP1932PLC000469 PAN : AAACM2063Q GSTIN : 09AAACM2063Q4Z1

MODI SUGAR MILLS

(Prop. Modi Industries Limited)

No. VP/S/

Dated 27.09.2019

M/s. Recart Innovation (P) Ltd.
245, Ground Floor
Sector 27, Golf Course Road
GURUGRAM-122009.

Sub:- Supply, Erection & Commissioning of Bio Pack Media for Anaerobic Clarifier for Sugar ETP.

Ref :- Your offer BY Mail dated 14.09.2019.

Dear Sir,

With reference to the above and subsequent personal discussions with your Mr. Rohit Garg and Mr. Rakesh on 26.09.2019 at our end, we confirm our order as under :-

Supply, Erection and Commissioning of Bio Pack - Media made from 1st Grade Polymers for ETP Quantity 270 M³ details as under:-

Sl. No.	Product	Media Size	Qty.
1	First Layer Media	0.3 mm	90 m ³
2	Second Layer Media	0.4 mm	90 m ³
3	Third Layer Media	0.5 mm	90 m ³
		Total	270 m ³

Note :-

1. The cost of above Media Rs. 12.15 lac L. S.
2. For Complete Erection and Commissioning will be charged. Extra Rs. 75000/- L. S.
3. You will provide us G.A. Drawing at the earliest for our approval.
4. As discussed during negotiation, you will provide us Technical Support for its smooth operation during the duration of warranty as and when required.
5. Warranty: You will provide us warranty for supplied media for a period of 18 months against trouble free working

Commercial Terms & Conditions :-

Price base. The above rates are FOR our factory.
P & F. Nil.
GST / Service Tax. will be extra as applicable.
Delivery 20-25 days including installation.
Dispatches. Please arrange dispatches by Road Transport on Door delivery basis.
Payment. 80% payment P/Invoice
10% after Erection, Commissioning and Trial,
05% in December, 2019 against satisfactory working of media.
05% in December, 2020 against satisfactory working of media.

Contd. Page .2

Page no. 3

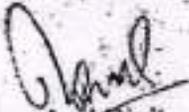
Billing Address. Modi Sugar Mills, (A Unit of Modi Industries Ltd),
Opp: Modi Temple., G.T. Road,
MODINAGAR-201204,
Distt. Ghaziabad. (U.P).

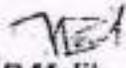
GST.NO. (MODI) 09AAACM2063Q4Z1

Please acknowledge receipt of the same as a token of acceptance.

Thanking you,

Yours faithfully,
for Modi Sugar Mills.


Anil Dixit,
Manager (Pur)


V.P. Malik,
Vice President

547
Rekart

240
ADDRESS NO-2

www.rekart.co.in | E: team@rekart.co.in | Missed Call: 80108 11211

Date-02/03/2020

To,
Modi Sugar Mills,
Modinagar,
Distt. Ghaziabad (U.P.)

Sub- Erection & Commissioning of Bio Pack media for Anaerobic Clarifier Capacity 1000 m3 per day for Sugar Factory Effluent Treatment Plant.

Dear Sir,

With reference to the purchase order dated 27/09/2019 for Erection & Commissioning of Bio-Pack media for Anaerobic Clarifier capacity 1000 m3 per day for Sugar Factory Effluent Treatment Plant & as per recommendation of VSI, Pune, we have completed the Erection & Commissioning of Anaerobic Clarifier capacity 1000m3 per day for Sugar Factory Effluent Treatment Plant & handed over the above mentioned project to Modi Sugar Mills. The system is working smoothly & very effectively & achieving the parameters of Water Pollution.

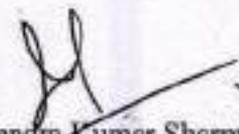
For Rekart Innovations Pvt Ltd,

For Rekart Innovations Pvt. Ltd.

Authorized Signatory

(Rohit Garg)
Senior Manager

The above System is handed over to us & working smoothly & effectively & achieving the parameters of Water Pollution fixed by the UPPCB, Lucknow & CPCB, Delhi under the provisions of water (Prevention & Control of Pollution) Act, 1974.


(Surendra Kumar Sharma)
Sr. General Manager (Engg.)

REKART INNOVATIONS (P) Ltd.

Corporate Office: 132, Sector 27, Golf Course Road, Gurugram 122009

Registered Office: 1k/72, NIT, Faridabad 121001

548

ANNEXURE R-9







RECOMMENDATION - 1

551

ANNEXURE R-2104

MODI DISTILLERY

Annual Report Form submitted for evaluation of C-22 New ETP performance

Name of Distillery - Modi Distillery
 Address - Modinagar, Ghazipur
 Capacity of Distillery - 2500 KL/Annam
 Distillery ETP Configuration - M&E Gasgas-CPU-Bio Compost

Month	PMAC - Wastewat		PMAC Consumption		Chem. Spent water Consumption				CCMC - Sew			Distance travelled by a person in km			Bio Compost produced		Bio Compost sold			
	MT	MT/Annam	MT/Annam	MT MONTH	MT MONTH	MT MONTH	MT MONTH	MT MONTH	Consumption	M1	M2	M3	MT/Annam	%	%	%	MT MONTH	MT MONTH	MT MONTH	
Apr. 22	1415	70.33	1428	12631.0	875	1250	0.88			1	0	0	0.0	0	0	0	0.00	0	0	0

Note: The information given above is for the year 2011-12. The information regarding the performance already given in the C-22 New ETP is taken from the annual report submitted by the distillery.

For MODI DISTILLERY
[Signature]
 Authorized Signatory

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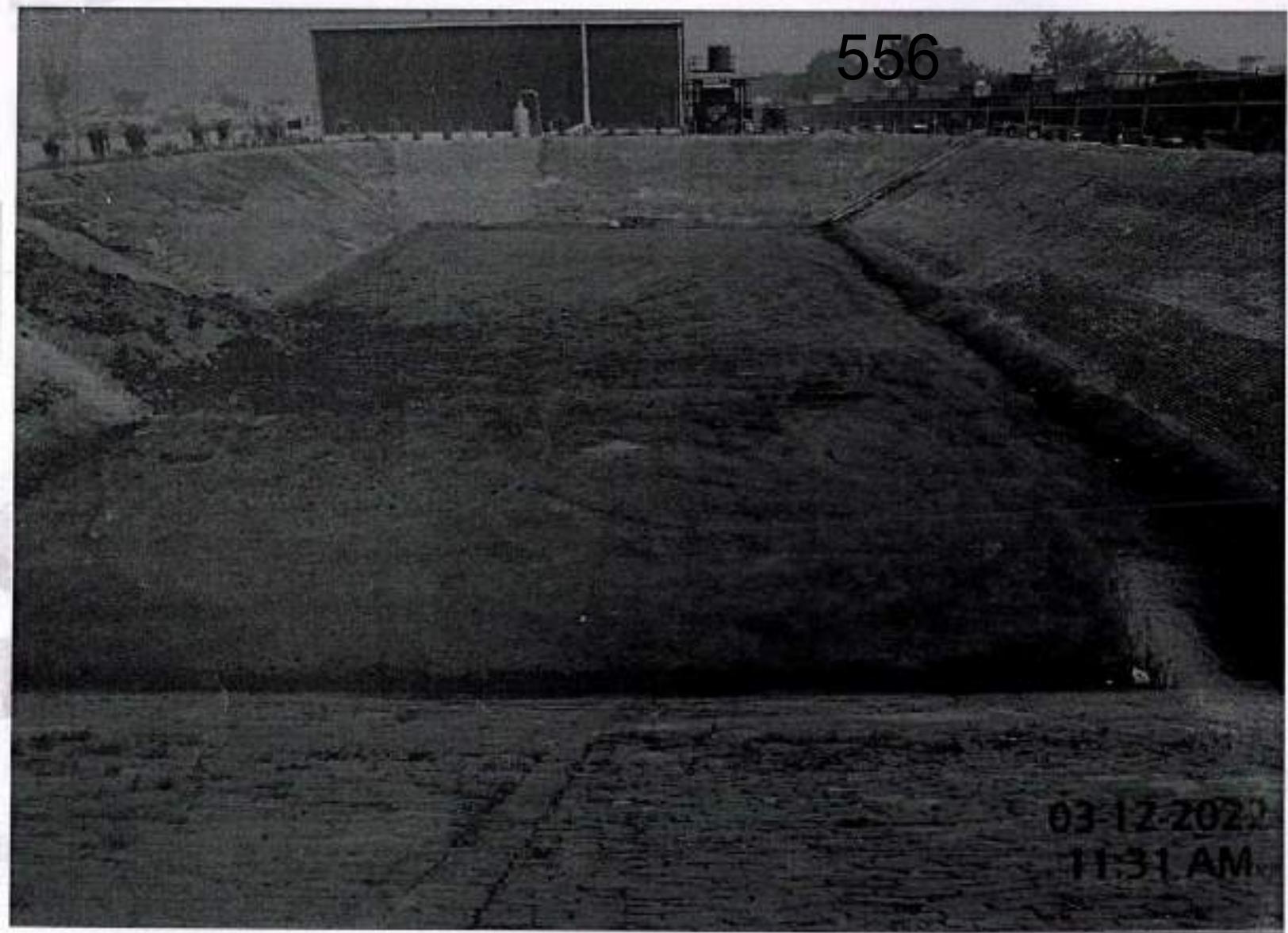
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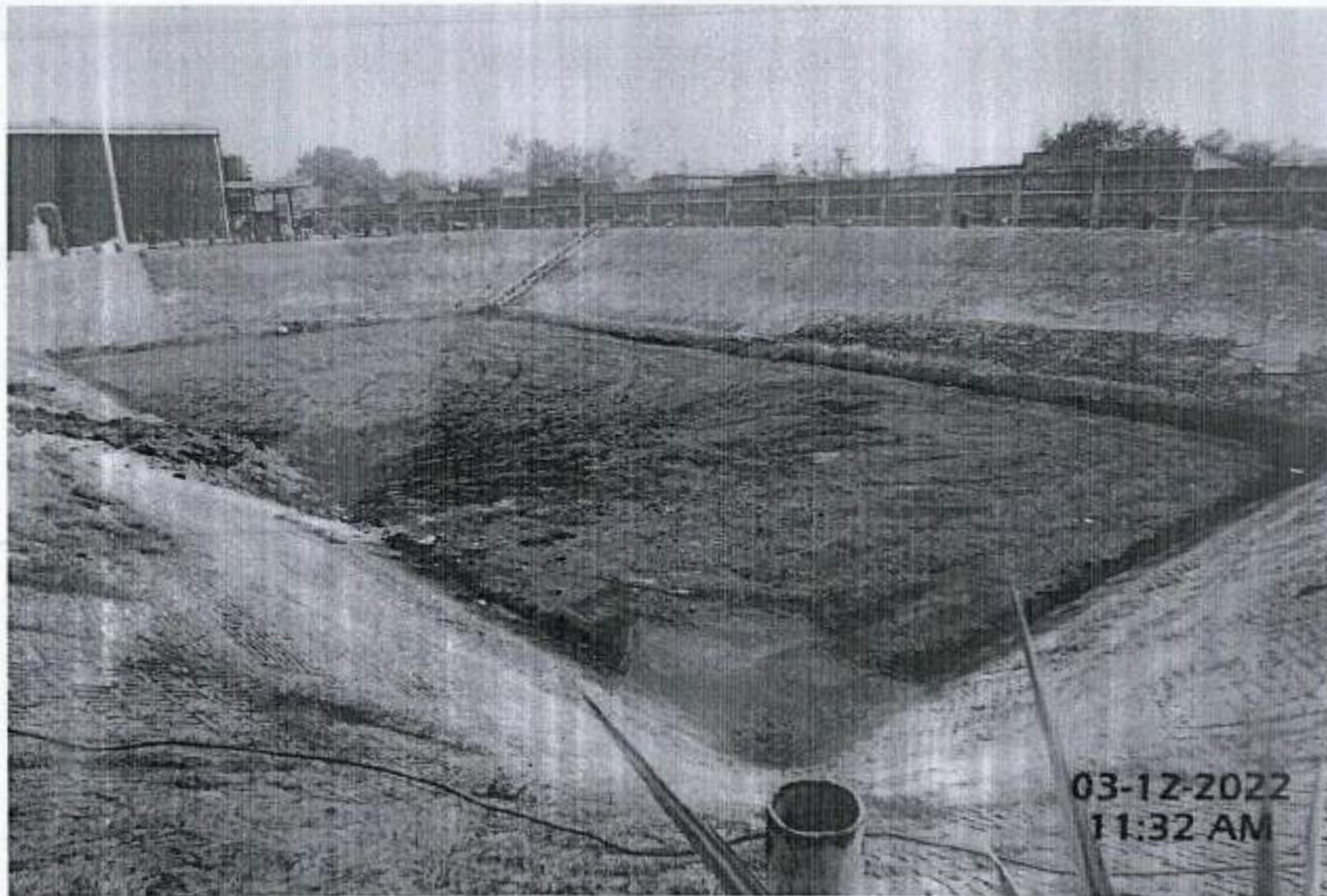
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RECOMMENDATION-2
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ANNEXURE R-11





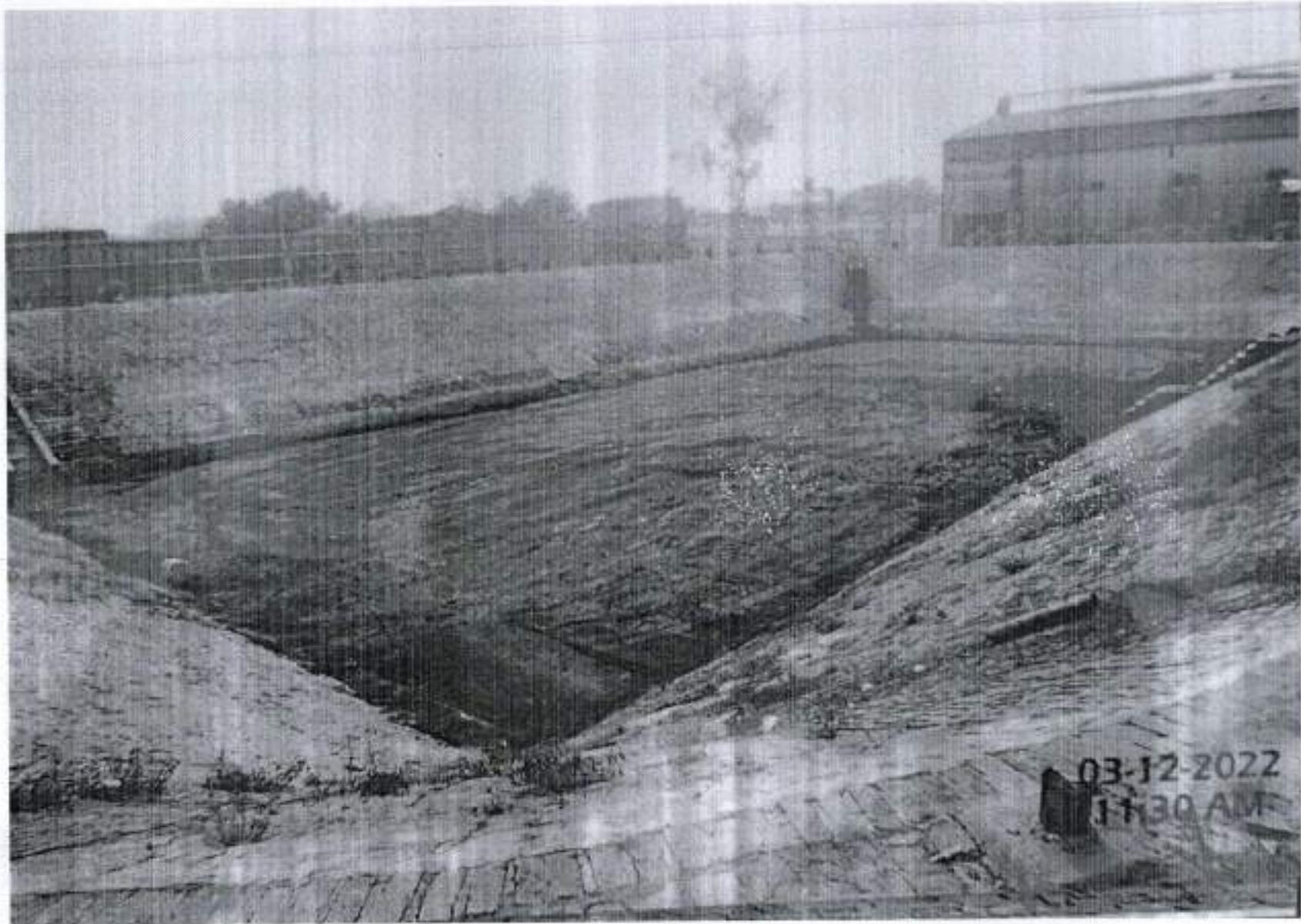
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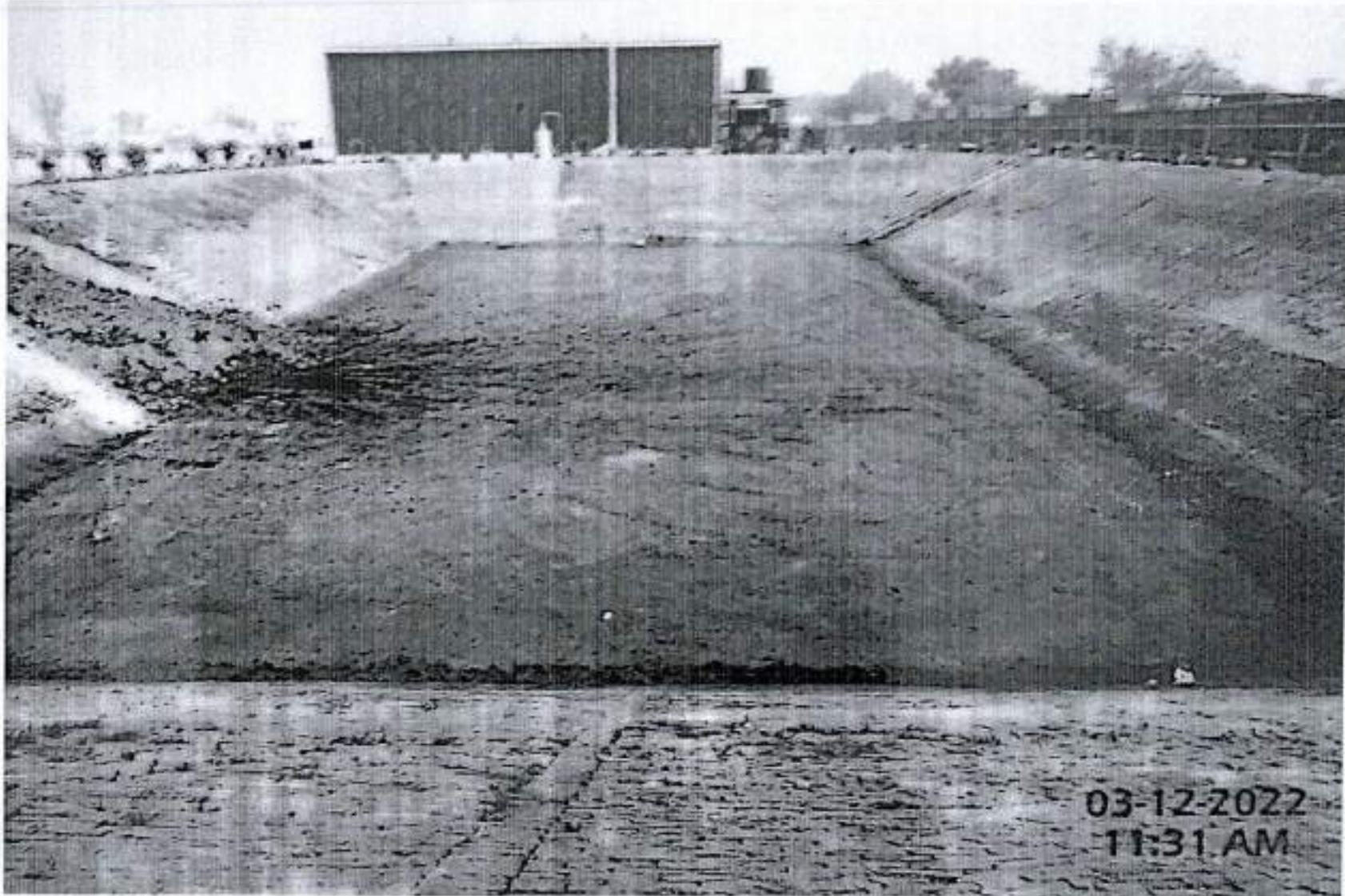
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केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, जल एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT FOREST & CLIMATE CHANGE GOVT OF INDIA

स्पीड पोस्ट

वी-१९००४२/एनजीआरवीए/सीपीसीबी/२०१८-१९ / 5२४

दिनांक: १२.०९.२०२३

सेवामें,

श्री महेश चंद त्यागी

कार्मिक प्रबंधक, मोदी चीनी मिल्स,

मोदीनगर, गाजियाबाद: 201204 (उत्तर प्रदेश)

विषय: सूचना का अधिकार अधिनियम, 2005 के तहत सूचना।

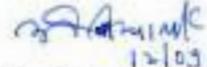
महोदय,

यह आपके आरटीआई आवेदन दिनांक 28/08/2023 के संदर्भ में है जिसमें ऑनलाइन पंजीकरण संख्या सीपीसीबीडी/आर/पी/23/00119 है जो 30/08/2023 को डब्ल्यूक्यूएम-॥ डिवीजन, सीपीसीबी में प्राप्त हुई थी, जिसमें मेसर्स मोदी शुगर मिल के दो बोरवेलों से लिए गए पानी की नमूना विश्लेषण रिपोर्ट प्रदान करने का अनुरोध किया गया था, जिसका निरीक्षण 05/03/2023 को थर्ड पार्टी द्वारा किया गया था। अनुरोध के अनुसार, दो बोरवेलों के जल नमूना विश्लेषण रिपोर्ट संलग्न हैं (Annexure-1)।

इस मामले में अपीलीय प्राधिकारी सदस्य सचिव, सीपीसीबी, प्रवेश भवन, पूर्वी अर्जुन नगर, दिल्ली-110032 हैं।

भवदीय,

संलग्नक: यथोपरि (Page no. 1-4)


12/03/23
(डॉ. अजित कुमार विद्यार्थी)
निर्देशक और प्रभागीय प्रमुख,
जल गुणवत्ता प्रबंधन-॥

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS): ISO/IEC 17025: 2017
NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Lab

Test Report

Party Name : MODI SUGAR MILLS, MODI NAGAR, GHAZIABAD, Uttar Pradesh
Report No. : CEFT/ENV/258
Format No. : 7.8 F-01
Party Reference No. : NIL
Reporting Date : 17.03.2023
Receipt Date : 06.03.2023
Sampling Date : 05.03.2023
Sample Description : Bore well No-1
Sampling Type : -
Sample Given By : Party
Preservation : Refrigerated
Analysis Completion Date : 06.03.2023 to 16.03.2023
Sampling Quantity : 1 LTR
Analysis Protocol : As Per IS:3025 and CPCB Guideline
LSRF/ Sample ID : CEFT/ENV/2303060258

Test Result

Sr. No.	Parameter	Result	Unit	Limits of IS:10500-2018		Test- Method
				Requirement (Acceptable limit)	Permissible Limit in the Absence of Alternate Source	
1	Colour	BDL	CPL	5	15	IS 3025 (Part-4)
2	pH (at 25 °C)	7.15	..	6.5-8.5	No Relaxation	IS 3025 (Part-11)
3	TDS	403	mg/L	500	2000	IS 3025 (Part-16)
4	Alkalinity as CaCO ₃ , (Max.)	96	mg/l	200	600	IS: 3025 (Part-23)
5	Chloride as Cl	103.9	mg/l	250	1000	IS: 3025 (Part-26)
6	Fluoride as F, (Max.)	ND	mg/l	1	1.5	IS 3025 (Part-60)
7	Total Hardness as CaCO ₃ , (Max.)	112	mg/l	200	600	IS: 3025 (Part-21)
8	Nitrate as NO ₃ , (Max.)	4.6	mg/l	45	No Relaxation	IS 3025 (Part-34)
9	Sulphate as SO ₄ , (Max.)	12.4	mg/l	200	400	IS: 3025 (Part-24)
10	Chromium as Cr, (Max.)	ND	mg/l	0.05	No Relaxation	IS 3025 (Part-52)
11	Cadmium as Cd, (Max.)	ND	mg/l	0.003	No Relaxation	IS 3025 (Part-41)
12	Iron as Fe, (Max.)	0.21	mg/l	1.0	No Relaxation	IS 3025 (Part-53)
13	Mercury as Hg, (Max.)	ND	mg/l	0.001	No Relaxation	IS: 3025 (Part-48)
14	Nickel as Ni, (Max.)	ND	mg/l	0.02	No Relaxation	IS: 3025 (Part-54)
15	Zinc as Zn, (Max.)	ND	mg/l	5	15	IS 3025 (Part-49)
16	Copper as Cu, (Max.)	ND	mg/l	0.05	1.5	IS 3025 (Part-42)
17	Lead as Pb, (Max.)	ND	mg/l	0.01	No Relaxation	IS: 3025 (Part-47)
18	Arsenic as As, (Max.)	ND	mg/l	0.01	No Relaxation	IS: 3025 (Part-2)
19	Manganese as Mn, (Max.)	ND	mg/l	0.1	0.3	IS: 3025 (Part-59)

- Note: 1. The test results are related to the sample/ tested as identified.
2. The sample will be discarded after retention time of 7 days unless otherwise specified.
3. Any Discrepancy found in the test report may be communicated within seven days.
4. This report shall not be reproduced, cannot be used as evidence in the court of law and should be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
5. The Court Jurisdiction will be Delhi.
6. Customer complaint register is available at the laboratory.

HEMAN
T SINGH
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Date: 2023.04.03 13:59:21 +05:30'

Authorized Signatory



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Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS); ISO/IEC 17025: 2017
NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Lab.

Test Report

20	Selenium as Se, (Max.)	ND	mg/l	0.01	No Relaxation	APHA 23 rd Edition
21	Antimony as Sb	ND	mg/l		Not Specified	APHA 23 rd Edition
22	Cobalt	ND	mg/l		Not Specified	APHA 23 rd Edition
23	Vanadium	ND	mg/l		Not Specified	APHA 23 rd Edition
24	Chemical Oxygen Demand	BDL	mg/l		Not Specified	IS: 3025 (Part-58)

** End of the Report**

- Note:
1. The test results are related to the sample/ tested as identified.
 2. The sample will be discarded after retention time of 7 days unless otherwise specified.
 3. Any Discrepancy found in the test report may be communicated within seven days.
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 5. The Court Jurisdiction will be Delhi.
 6. Customer complaint register is available at the laboratory.

HEMAN
T SINGH

Digitally signed
by HEMANT
SINGH
Date: 2022.05.03
13:59:34 +05'30'

Authorized Signatory

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Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001: 2015, ISO 45001: 2018 (OHSA); ISO/IEC 17025: 2017
NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Lab

Test Report

Party Name	: MODI SUGAR MILLS, MODI NAGAR, GHAZIABAD, Uttar Pradesh	Report No.	: CEFT/ENV/259
		Format No.	: 7.8 F-01
		Party Reference No.	: NIL
		Reporting Date	: 17.03.2023
		Receipt Date	: 06.03.2023
Sample Description	: Bore well No-2	Sampling Date	: 05.03.2023
Sample Given By	: Party	Sampling Type	: -
Analysis Completion Date	: 06.03.2023 to 16.03.2023	Preservation	: Refrigerated
Analysis Protocol	: As Per IS:2025 and CPCB Guideline	Sampling Quantity	: 1 LTR
		LSRF/ Sample ID	: CEFT/ENV/259/3060259

Test Result

Sr. No	Parameter	Result	Unit	Limits of IS:10500-2018		Test- Method
				Requirement (Acceptable limit)	Permissible Limit in the Absence of Alternate Source	
1	Colour	BDL	CPU	5	15	IS 3025 (Part-1)
2	pH (at 25 °C)	6.70	--	6.5-8.5	No Relaxation	IS 3025 (Part-11)
3	TDS	372	mg/l	500	2000	IS 3025 (Part-16)
4	Alkalinity as CaCO ₃ (Max.)	88	mg/l	200	600	IS: 3025 (Part-23)
5	Chloride as Cl	91.9	mg/l	250	1000	IS: 3025 (Part-26)
6	Fluoride as F ₂ (Max.)	ND	mg/l	1	1.5	IS 3025 (Part-60)
7	Total Hardness as CaCO ₃ (Max)	98	mg/l	200	600	IS: 3025 (Part-21)
8	Nitrate as NO ₃ (Max.)	3.9	mg/l	45	No Relaxation	IS 3025 (Part-34)
9	Sulphate as SO ₄ (Max.)	5.7	mg/l	200	400	IS: 3025 (Part-24)
10	Chromium as Cr ₆₊ (Max.)	ND	mg/l	0.05	No Relaxation	IS 3025 (Part-52)
11	Cadmium as Cd ₂₊ (Max.)	ND	mg/l	0.003	No Relaxation	IS 3025 (Part-41)
12	Iron as Fe ₂₊ (Max.)	0.15	mg/l	1.0	No Relaxation	IS 3025 (Part-53)
13	Mercury as Hg ₂₊ (Max.)	ND	mg/l	0.001	No Relaxation	IS: 3025 (Part-48)
14	Nickel as Ni ₂₊ (Max.)	ND	mg/l	0.02	No Relaxation	IS: 3025 (Part-54)
15	Zinc as Zn ₂₊ (Max.)	ND	mg/l	5	15	IS 3025 (Part-49)
16	Copper as Cu ₂₊ (Max.)	ND	mg/l	0.05	1.5	IS 3025 (Part-42)
17	Lead as Pb ₂₊ (Max.)	ND	mg/l	0.01	No Relaxation	IS: 3025 (Part-47)
18	Arsenic as As ₃₊ (Max.)	ND	mg/l	0.01	No Relaxation	IS: 3025 (Part-2)
19	Manganese as Mn ₂₊ (Max.)	ND	mg/l	0.1	0.3	IS: 3025 (Part-59)

- Note: 1. The test results are related to the sample/ tested as identified.
2. The sample will be discarded after retention time of 7 days unless otherwise specified.
3. Any Discrepancy found in the test report may be communicated within seven days.
4. This report shall not be reproduced, cannot be used as evidence in the court of law and should be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
5. The Court Jurisdiction will be Delhi.
6. Customer complaint register is available at the laboratory.

HEMAN T SINGH
Digitally signed by HEMAN T SINGH
Date: 2023.03.03 13:59:57 +05'30'

Authorized Signatory



571

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Centre for Environment and Food Technology Pvt. Ltd.

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS); ISO/IEC 17025: 2017
NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Lab

Test Report

20	Selenium as Se. (Max.)	ND	mg/l	0.01	No Relaxation	APHA 23 rd Edition
21	Antimony as Sb	ND	mg/l	Not Specified		APHA 23 rd Edition
22	Cobalt	ND	mg/l	Not Specified		APHA 23 rd Edition
23	Vanadium	ND	mg/l	Not Specified		APHA 23 rd Edition
24	Chemical Oxygen Demand	BDL	mg/l	Not Specified		IS: 3025 (Part-58)

** End of the Report **

- Note: 1. The test results are related to the sample/ tested as identified.
2. The sample will be discarded after retention time of 7 days unless otherwise specified.
3. Any Discrepancy found in the test report may be communicated within seven days.
4. This report shall not be reproduced, cannot be used as evidence in the court of law and should be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
5. The Court Jurisdiction will be Delhi.
6. Customer complaint register is available at the laboratory.

HEMAN T SINGH Digitally signed by
HEMAN T SINGH
Date: 2023.04.03
14:00:14 +05'30'

Authorized Signatory

Abhis

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VAKALATNAMA

BEFORE THE NATIONAL GREEN TRIBUNAL, PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 418 of 2021

With

ORIGINAL APPLICATION NO. 447 of 2021

IN THE MATTER OF:

Tilak Raj Adhana & Ors.

--- Applicant

Versus

--- Respondent

State of Uttar Pradesh

I, Narayan Prakash Bansal, S/o. Mr. Ram Swaroop Bansal, Aged 72 Years, R/o. House No. - 8, Harmukhpuri, Modinagar, Dist. Ghaziabad, U.P. 201204 Respondent do hereby nominate, constitute, authorized and appoint:

SAURABH RAJPAL ADVOCATE

OFFICE:-D-291, 2ND & 3RD Floor, Defence Colony, New Delhi-110024

E Mail:-advocatesaurabhrajpal@gmail.com, Mob: +91 99717 92885

to be the counsel in the above matter for me/us and on my/our behalf to act, appear and answer in the above Court or any appellate court or any Court to which this *lis* is transferred in the above matter, and to sign and file pleadings, petitions, statements, accounts, exhibits, compromises or other documents, whatsoever, in connection with the said matter or any other matter arising therefrom, and also to apply for and/or receive all documents or copies of documents depositions etcetera and to apply for and issue summons, notice and other writs or *subpoena* and to apply for and get issued any arrests, attachment or other execution, warrant or order and to conduct any proceeding that may arise there out, and to apply for and receive payment of any or all sums or submit the above matter to arbitration or to withdraw or compromise the said *lis*.

AND to do all acts legally necessary to manage and conduct the said case in all respects, whether herein specified or not, as may be proper and expedient, in the circumstances.

AND I/We hereby agree to ratify and confirm all lawful acts done, and all that is done in good faith, on my/our behalf under/or by virtue of these presents in the course of the usual practice in such matters, as if I/We had myself/ourselves done such act or thing

And I / We hereby agree that in the event of non-payment of the fees agreed to be paid by me/us to the counsel above said or any part thereof, he (the counsel) shall be entitled to withdraw from the prosecution of the above matter.

PROVIDED always, that if the above matter / case be dismissed in default(s), or if it be proceeded ex-parte, or if the same be dismissed otherwise the said counsel or his substitute or clerk shall not be held responsible for the same, or for any other negligence on his or their part.

IN WITNESS whereof I/We have hereto signed after having understood the contents hereof, at this the 01st day of November of 2022.

Accepted

I VERIFY THE SIGNATURES OF THE CLIENT WHO HAS SIGNED IN MY PRESENCE

Santosh
D-660/2020

Saurabh
D/928/2021

Vinay Kumar
D/9242/2021

(Signature)

(AUTHORISED REPRESENTATIVE/DIRECTOR)

Santosh Kumar SAURABH RAJPAL

N P BANSAL
General Manager (Corporate)
Modi Industries Limited
Modinagar-201204

CIN No. U15429UP1932PLC000469
E-mail : modiindustrieslimited@gmail.com
Website : www.modiindustries.net
GSTIN : 09AAACM2063Q322



Ph. : { 09084786567
01232-243115

Certified true copy of the Resolution passed by the Board of Directors of Modi Industries Limited in their meeting held on 14th November, 2019 at Modinagar.

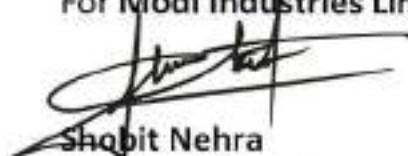
284.02 **"RESOLVED** that Mr. Narayan Prakash Bansal is hereby appointed as General Manager of the Corporate Office of the Company with effect from 15.11.2019.

RESOLVED FURTHER that a Power of Attorney be and is hereby approved to be executed in favour of Mr. Narayan Prakash Bansal authorising him to effectively deal with the day to day matters of Corporate Office of the Company subject to the supervision of the Board of the Company.

RESOLVED FURTHER that Shri Rakesh Kumar Modi, Director of the Company is hereby authorised to execute the Power of Attorney in favour of Mr. Narayan Prakash Bansal to enable him to effectively look after the day to day matters of Corporate Office of the Company subject to the supervision of the Board of the Company."



**CERTIFIED TO BE TRUE COPY
For Modi Industries Limited**


Shobit Nehra
Company Secretary

Manufacturing Units :

MODI SUGAR MODI DISTILLERY MODI ARC ELECTRODES MODI STEELS



उत्तर प्रदेश UTTAR PRADESH

FE 472120

POWER OF ATTORNEY

TO ALL TO WHOM these presents shall come, We, **Modi Industries Limited**, a company incorporated and registered under the Companies Act, 1919 and having its registered office at Modinagar, Ghaziabad, Uttar Pradesh (hereinafter referred to as the "Company" which expression shall, unless it be repugnant to the subject, context or meaning thereof, be deemed to mean and include its successors in interest and assigns),

WHEREAS

- A. The Company is engaged in various businesses and considers it necessary and expedient to execute a power of attorney in favour of the Attorney (as specified hereinbelow), who has been appointed as the General Manager of the Corporate Office of the Company, in relation to managing the affairs and assets of the Corporate Office of the Company.
- B. The Board of Directors of the Company by a resolution passed at their meeting on 14th day of November, 2019, have resolved to execute this power of attorney ("PoA") in favour of Mr. Narayan Prakash Bansal s/o Mr. Ram Swaroop Bansal r/o House No. 8, Harmukh Puri, Modi Nagar, Dist. Ghaziabad, U.P. 201204 to do all such acts and deeds as mentioned herein and in the manner provided for in this PoA.

NOW KNOW YE ALL AND THESE PRESENTS WITNESS that We, **Modi Industries Limited**, do hereby nominate, constitute and appoint Mr. Narayan Prakash Bansal s/o Mr. Ram Swaroop Bansal r/o House No. 8, Harmukh Puri, Modi Nagar, Dist. Ghaziabad, U.P. 201204 (hereinafter referred to as the "Attorney") to be the true and lawful Attorney in fact and at law of us in India for us and in our name and on our behalf to do, execute and perform all or any of the acts, deeds, matters and things, in relation to the activities of the Company, hereinafter appearing, namely:-

- (i) To undertake all acts and do all such acts, deeds and things that may be required to generally manage all the day to day affairs of the Corporate Office of the Company including but not limited to managing accounts/finance, secretarial compliance, taxation, legal and issues related to moveable and immoveable assets.

- (ii) TO commence, prosecute, enforce, defend, answer, oppose or appear or appeal in all actions and other legal and quasi judicial proceedings and demands whether civil, criminal, political or administrative including any proceeding under any laws in force from time to time and also to enforce by execution, attachment, distress, suit or otherwise any decree or award in our favour and to defend or resist any such process issued or used against us in any such action or proceeding as aforesaid to retain, employ and remunerate Solicitors, Advocates, Attorneys, Vakils and Pleaders and to sign and give warrants, vakalatnamas and other necessary authorities and such retainers and authorities from time to time at pleasure to revoke;
- (iii) TO make, swear, sign, seal, execute, deliver and submit all declaration, returns, applications, bonds, affidavits, pleadings, papers, deeds, documents and writings whatsoever, usual, necessary or expedient for or in furtherance of any of the purposes arising under or the connection with any laws of the Republic of India and/or generally in relation to the Company;
- (iv) TO accept all notices, summons and papers whatsoever addressed to or served on the Company by any Governmental Authorities and/or Court within India and/or from any person in relation to all or any matters of the Company;
- (v) TO adjust, settle, compromise or submit to arbitration any accounts, debts, claims, demands or disputes touching any of the matters as aforesaid, to ask, demand, sue for, enforce payment and take possession or deliver all and recover receive and give effectual receipts and discharges for all or any of the assets of the Company including claims, moneys, securities for money, debts, goods, merchandise, chattels, personal estates of or to which the Company is now or hereafter may become entitled or which are or may become due owing payable or transferable to or enforceable by the Company from any person, company, corporation, Governmental authority or Court within India;
- (vi) TO represent the Company before Government – Central or State, Income Tax, Sales Tax or other tax, customs, excise, import and export control, licensing – municipal, local or any other public body, authority, officer or officers or any state or public financial institutions or banks and before all Courts of law, or tribunals for any purposes connected with or relating to the business affairs, activities, operations or property of the Company here in India and related to the activities of the Company AND to make and sign all reference, applications, appeals, reference petitions or other representations on behalf of the Company to the Government or any of the aforesaid authorities, officers, institutions or banks;
- (vii) TO accept, grant, revoke or in any other way terminate any lease agreements, including renting, leasing and financial lease agreements, concerning any movable/immoveable property on behalf of the Company;
- (viii) TO open, maintain/ operate and/or close bank accounts on behalf of the Company (including, but not limited to current accounts, , and certificates of deposit), brokerage/Demat accounts, and other similar accounts with financial institutions/depositories.
- (ix) TO hire and dismiss any employee of the Company, regardless of his or her responsibilities or hierarchical position, to determine the responsibilities, remuneration, as well as the conditions of the employment, promotion or dismissal of any employee of the Company, it being understood that the Attorney may in any event make all communications and

Handwritten signatures and initials in black ink, including a signature that appears to be 'Anand' and another signature that is more stylized.

declarations addressed to third parties regarding the establishment, management and termination of the employment relationships;

- (x) TO enter into any agreement with any independent contractor on behalf of the Company;
- (xi) TO sign, revoke and by any other way terminate contracts for the supply of utilities (including gas, water and electricity), as well as all service agreements required to conduct the Company's business;
- (xii) TO sign and pick-up from post offices, customs and other third party, any registered letters, orders, goods and everything that may be addressed to, or sent by and/or sent to the Company in relation to its business;
- (xiii) To issue receipts and give the respective acquittance thereof;
- (xiv) To claim, charge or receive any amounts, goods, values or documents addressed to the Company and give the respective acquittance.

AND generally to do all such acts, deeds, actions and to execute and verify all such documents, agreements, deeds, affidavits, undertakings, indemnities and other documents to carry on the business of the Company, notwithstanding that the same have not been specifically mentioned herein above, subject to the same being in conformity with Applicable Laws including but not limited to the Companies Act.

AND we do hereby ratify and confirm and for ourselves, our successors in interest and assigns covenant to ratify and confirm all and whatsoever the said Attorney(s) shall lawfully do or cause to be done in or about the premises by virtue of these presents including in such confirmation whatsoever shall be done between the time of the revocation by means of this PoA and the time of such revocation becoming known to the said Attorney(s);

AND we do hereby expressly declare that these presents and the powers and authorities hereby conferred are in addition to and not by way of limitation of or substitution for any other power of powers of attorney given or delegated by us (whether jointly with some other person or persons or alone) at any point in time and now existing unconcealed whether to the said Attorney or to any person or persons in India and that these presents are not intended to and shall not revoke or limit such other power or powers of attorney.

AND we do hereby further declare that the fact of our or any other person on our behalf at any time or times hereafter performing or doing all or any of the acts, deeds, matters or things hereinbefore mentioned shall not be deemed to revoke, cancel or otherwise prejudice any of the powers or authorities conferred by these presents.

IN WITNESS WHEREOF we have caused our Common Seal to be hereto affixed at Modinagar this 26th day of November, 2019.

The Common Seal of the withinnamed Company Modi Industries Limited, has, pursuant to the resolution of its Board of Directors passed in that behalf on the 14th day of November 2019, been affixed in the presence of Sri- U. V. Modi, who has signed these presents in token thereof.

For Modi Industries Limited

(Rakesh Kumar Modi)
Director

(Narayan Prakash Bansal)

N P BANSAL
General Manager (Corporate)
Modi Industries Limited
Modinagar-201204

**BEFORE THE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION NO.418 of 2021
With
ORIGINAL APPLICATION NO. 447 of 2021**

IN THE MATTER OF:

Tilak Raj Adhana&Ors ...Applicant

Versus

State of Uttar Pradesh

...Respondent

LETTER OF AUTHORITY

Mr. Rajendra Pal Singh, Vice President (Tech.) , Modi Industries Limited (unit Modi Sugar Mills) is hereby authorised to sign and submit his Affidavit in the above mentioned matter before the Hon'ble NATIONAL GREEN TRIBUNAL , New Delhi

Signed at Modinagar on 01/11/2022

For & on Behalf of
MODI INDUSTRIES LIMITED,
(UNIT MODI SUGAR MILLS)


(N.P. Bansal)
General Manager (Corporate)

ACCEPTED:


(R.P.Singh)
Vice President(Tech.)

N P BANSAL
General Manager (Corporate)
Modi Industries Limited
Modinagar-201204

**BEFORE THE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION NO.418 of 2021
With
ORIGINAL APPLICATION NO. 447 of 2021**

IN THE MATTER OF:

Tilak Raj Adhana&Ors ...Applicant

Versus

State of Uttar Pradesh

...Respondent

LETTER OF AUTHORITY

Mr. Rajeev Gupta, General Manager (Plant.) , Modi Industries Limited (Unit Modi Distillery) is hereby authorised to sign and submit his Affidavit in the above mentioned matter before the Hon'ble NATIONAL GREEN TRIBUNAL , New Delhi

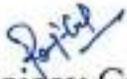
Signed at Modinagar on 01/11/2022

For & on Behalf of
MODI INDUSTRIES LIMITED,
(UNIT MODI Distillery)


(N.P. Bansal)

General Manager (Corporate)

ACCEPTED:


(Rajeev Gupta)
General Manager (Plant)

N P BANSAL
General Manager (Corporate)
Modi Industries Limited
Modinagar-201204