

**LOKMANGAL MAULI INDUSTRIES LIMITED**

CIN : U15421PN2007PLC130585



**Lokmangal**

SUCCESS THROUGH TOTAL DEDICATION

Ref.: LMIL/Sugar/Enviro-Dept/2024-2025/ 000555

Date: 11/11/2024

To,

1. SEIAA/SEAC,  
Environmental Department,  
Room No 217, 2<sup>nd</sup> floor,  
Mantralaya Annexe, Mumbai-400032.
2. Additional Principal Chief Conservator of Forests (C),  
Ministry of Environment, Forest and Climate Change,  
Regional Office (WCZ), Ground Floor, East Wing,  
New Secretariat Building Civil Lines, Nagpur-440001

**Subject: Submission of Half-Yearly Post Environment Clearance Compliance Report (1 April 2024 to 30 September 2024)\_ 6000 TCD Sugar Plant.**

Respected Sir,

I am writing to submit the half-yearly post-environment clearance compliance report for the period of 1 April 2024 to 30 September 2024, in accordance with the Environmental Clearance letter vide no SEAC-2013/C.R.538/TC-II dated 11/06/2014.


This report pertains to our 6000 TCD sugar unit, operated by M/s Lokmangal Mauli Industries Ltd., located at Village- Lohara (Kh), Tal- Lohara, and Dist- Osmanabad, State: Maharashtra. We have diligently complied with the conditions stipulated in the Environmental Clearance letter, as well as the provisions of the EIA Notification 2006.

Kindly accept the same.

Thanking you.

Yours faithfully,

For, Lokmangal Mauli Industries Limited,

  
Parag Patil,  
Director.



Copy to: - SRO, MPCB, Latur

Factory : A/p : Lohara(kh)-Khed, Tal.: Lohara, Dist.: Osmanabad - 413 608.

Regd. Off. : Lokmangal House, 8536 A/11, Murarji Peth, Near Old Poona Naka, Solapur - 413 001.

Tel : + 91 217 2735517/18 | Fax: + 91 217 2735619 | Email : contact@lokamangal.com | www.lokamangal.com

ISO 9001: 2015 Certified Sugar Factory  
FSSC 22000:2010 Certified Sugar Factory

Your (**Environment Clearance**) application has been **Submitted** with following details

<b>Proposal No</b>	SEAC-2013/C.R.538/TC-II
<b>Compliance ID</b>	88592433
<b>Compliance Number(For Tracking)</b>	EC/M/COMPLIANCE/88592433/2024
<b>Reporting Year</b>	2024
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)
<b>Submission Date</b>	31-07-2024
<b>IRO Name</b>	V Geroge Jenner
<b>IRO Email</b>	tr025@ifs.nic.in
<b>State</b>	MAHARASHTRA
<b>IRO Office Address</b>	Integrated Regional Offices, Nagpur

**Note:-** SMS and E-Mail has been sent to V Geroge Jenner, MAHARASHTRA with Notification to Project Proponent.

**Half Yearly Compliance Report****2024****01 Dec(01 Apr - 30 Sep)****Acknowledgement**

<b>Proposal Name</b>	Lokmangal Mauli Industries Ltd (6000 TCD Sugar Plant), located at Lohara (Kh), Tal-Lohara, and Dist-Osmanabad, Maharashtra.		
<b>Name of Entity / Corporate Office</b>	Parag Patil		
<b>Village(s)</b>	Lohara Kh.		
<b>District</b>	SOLAPUR		
<b>Proposal No.</b>	SEAC-2013/C.R.538/TC-II	<b>Category</b>	Industrial Projects - 2
<b>Plot / Survey / Khasra No.</b>	67,68,69,80	<b>Sub-District</b>	Lohara
<b>State</b>	MAHARASHTRA	<b>Entity's PAN</b>	*****4457C
<b>MoEF File No.</b>	SEAC-2013/C.R.538/TC-II	<b>Entity name as per PAN</b>	LOKMANGAL MAULI INDUSTRIES LIMITED

**Compliance Reporting Details**

<b>Reporting Year</b>	2024
<b>Remarks (if any)</b>	
<b>Reporting Period</b>	01 Dec(01 Apr - 30 Sep)

**Details of Production and Project Area****Name of Entity / Corporate Office** Parag Patil

	<b>Project Area as per EC Granted</b>	<b>Actual Project Area in Possession</b>
Private	50	33
Revenue Land	0	0
Forest	0	0
Others	0	0
<b>Total</b>	<b>50</b>	<b>33</b>

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Sugar	Others:MT per Month	31/07/2025	21600	37400 MT per Annum	21600
2	Bagasse	Others:MT per Month	31/07/2025	54000	125958 MT per Annum	54000
3	Press Mud	Others:MT per Month	31/07/2025	7200	9963 MT per Annum	7200
4	Molasses	Others:MT per Month	31/07/2025	7200	23477 MT per Annum	7200

## Conditions

### General Conditions

Sr.No.	Condition Type	Condition Details
1	Noise Monitoring & Prevention	The overall noise level in and around the plant are shall be kept within standard by providing noise control measure including acoustic hoods silencer in closer on all sources of noise generation. The ambient noise level shall confirm the standard prescribed under environment act 1986 rule 1989.
<b>PPs Submission:</b> Complied We have implemented robust noise control measures. Regular noise monitoring by a NABL accredited lab confirms our compliance		Date: 08/02/2025
2	MISCELLANEOUS	No additional land shall be used / accrued for any activity of the project without obtaining proper permission
<b>PPs Submission:</b> Complied No additional land used for said project		Date: 08/02/2025
3	Human Health Environment	For controlling fugitive natural dust regular sprinkling of water and wind shield at appropriate distance in vulnerable area of the plant shall be insured.
<b>PPs Submission:</b> Complied Yes. It is being practiced.		Date: 08/02/2025
4	MISCELLANEOUS	PP has to abide by the conditions stipulated by SEAC and SEIAA
<b>PPs Submission:</b> Complied Agreed		Date: 08/02/2025
5	AIR QUALITY MONITORING AND PRESERVATION	Regular monitoring of the air quality including SPM NOX So2 level both in work zone and ambient air shall be carried out in and around the power plant record shall be maintained the location of monitoring station and frequency of monitoring shall be decided in consultation with MPCB and submitted report accordingly to MPCB.
<b>PPs Submission:</b> Complied Monitoring is done for Ambient Air quality including SPM and NOx and SO2 by NABL accredited		Date: 08/02/2025

Laboratory.		
6	Risk Mitigation and Disaster Management	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
<b>PPs Submission:</b> Complied Necessary arrangements for adequate safety and ventilation in furnace area have been implemented.		<b>Date:</b> 08/02/2025
7	MISCELLANEOUS	Proper housekeeping program shall be implement.
<b>PPs Submission:</b> Complied Proper housekeeping program being implemented		<b>Date:</b> 08/02/2025
8	WASTE MANAGEMENT	In the event of failure of pollution control system adopted by the unit. The unit shall be immediately put out of operation and shall not be restarted until desired efficiency has been achieve.
<b>PPs Submission:</b> Complied Agreed		<b>Date:</b> 08/02/2025
9	AIR QUALITY MONITORING AND PRESERVATION	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollution of DG set.
<b>PPs Submission:</b> Complied Stacks of adequate height (6 meters above factory roof level) have been installed for our both DG sets.		<b>Date:</b> 08/02/2025
10	WASTE MANAGEMENT	Arrangement shall made that effluent and storm water does not get mixed
<b>PPs Submission:</b> Complied We have provided dedicated pipeline/channel for the generated factory effluent and ensured that stormwater and effluent remain segregated.		<b>Date:</b> 08/02/2025
11	WATER QUALITY MONITORING AND PRESERVATION	Periodic monitoring of ground water shall be under taken and result analyzed to a certain any change in the quality of water. Result shall be regularly submitted to MPCB.
<b>PPs Submission:</b> Complied We are practiced conducting periodic monitoring of ground water by NABL accredited laboratories.		<b>Date:</b> 08/02/2025
12	Noise Monitoring & Prevention	Leq of noise level shall be maintained as per standards for people working in high noise level area requisite personal protective equipment air plug should be provided.
<b>PPs Submission:</b> Complied We adhere to industrial safety regulations and provide earplugs as personal protective equipment to employees in high-noise areas. Plant noise levels are regularly monitored by a NABL-accredited laboratory.		<b>Date:</b> 08/02/2025
13	MISCELLANEOUS	A copy of clearance letter shall be sent by proponent to the concern municipal corporation and local NGO if any from whom suggestion /representation if anywhere received while processing proposal. The clearance shall also put on web site of company by proponent.



<b>PPs Submission:</b> Complied Oue EC copy is available on our company website.		Date: 08/02/2025
14	AIR QUALITY MONITORING AND PRESERVATION	The proponent shall upload status of compliance of stipulated EC condition including result of monitored data on their web site shall update the same periodically. It shall simultaneously be sent to the regional office MoEF the respective zonal office of CPCB and SPCB. The criteria pollutant level namely SPM, RSPM, SO2, Nox ambient level as well as stack emission or critical parameter indicated for project shall be monitored and displayed and convenient location near main gate of company in public domain.
<b>PPs Submission:</b> Complied Agreed		Date: 08/02/2025
15	AIR QUALITY MONITORING AND PRESERVATION	Six monthly monitoring report should be submitted to the regional office MoEF with copy to this department and MPCB.
<b>PPs Submission:</b> Complied Agreed		Date: 08/02/2025
16	MISCELLANEOUS	A complete set of all the documents submitted to Department should be forwarded to the local authority and MPCB.
<b>PPs Submission:</b> Complied Agreed		Date: 08/02/2025
17	MISCELLANEOUS	The EC is being issued without prejudice to the action initiated under EP act or any court case pending in court of law and it does not mean that project proponent has not violated any Environmental law in past and whatever decision of the hon'ble court will be binding of project proponent. Hence this clearance does not give immunity to the project proponent in the case filed again him.
<b>PPs Submission:</b> Complied Agreed		Date: 08/02/2025
18	Risk Mitigation and Disaster Management	Adequate safety measure shall be provided to limit the risk zone within plant boundary in case of an accident. Leak detection device shall also be installed at strategic places for early detection warning.
<b>PPs Submission:</b> Complied Comprehensive safety measures including emergency response protocols and containment systems are in place to limit the impact of potential accidents. provided emergency exists, assembly area, fire alarm, firefigther and conduct mock drill.		Date: 08/02/2025
19	GREENBELT	Green belt shall develop and maintained around the plant periphery. Green belt development shall be carried out considering CPCB guideline including selection of plant species in consultation with local DFO/Agriculture dept.
<b>PPs Submission:</b> Complied We have developed the green belt within the factory and outside the factory fencing.		Date: 08/02/2025
20	Human Health Environment	Occupational health surveillence of the worker shall be done on

		regular basis and record shall be maintain as per factory act.
<b>PPs Submission:</b> Complied Regular occupational health surveillance of all workers is conducted. Comprehensive records are maintained as per the Factories Act.		Date: 08/02/2025
21	Risk Mitigation and Disaster Management	Company shall make arrangement for protection of possible fire hazardous during manufacturing process in material handling.
<b>PPs Submission:</b> Complied Comprehensive fire safety measures including fire extinguishers, hydrants, and emergency exits are in place throughout the plant. Regular fire drills and employee training ensure preparedness for potential fire hazards during manufacturing and material handling.		Date: 08/02/2025
22	WASTE MANAGEMENT	The project authorities must strictly comply with rule and regulation with regard to handing disposal of hazardous waste in accordance with hazardous waste authorization from MPCB shall be obtained for collection /treatment / storage / disposal of hazardous waste.
<b>PPs Submission:</b> Complied Hazardous waste generated is incinerated in the plant boiler as authorized by MPCB. We adhere strictly to hazardous waste management rules, including annual returns submission. Proper handling, storage, and disposal procedures are in place to prevent environmental pollution.		Date: 08/02/2025
23	MISCELLANEOUS	The company shall undertake following waste minimization measures, 1. Metering of quantity of active ingredients to minimize waste. 2. Reuse of by product from the process as a raw material substitutes in other process. 3. Maximizing recoveries. 4. Use of automated material transfer system to minimize spillage.
<b>PPs Submission:</b> Complied We have installed adequate metering system, In process of sugar manufacturing all the by- products are used for raw material for another process/product. Company always working for maximizing the recovery of sugar (product) Our company machineries operate on semi automation, which is reducing the chances of spillages and accidents.		Date: 08/02/2025
24	Risk Mitigation and Disaster Management	Regular mock drill for onsite emergency management plant shall be carried out implementation of changes / improvement is required if any in onsite management shall be ensured.
<b>PPs Submission:</b> Complied Mock drills are conducted periodically; Opportunities for improvement are noted and incorporated in onsite emergency plan.		Date: 08/02/2025
25	MISCELLANEOUS	A separate environment management cell with qualified staff shall set up for implementation of stipulated environment safeguard.
<b>PPs Submission:</b> Complied We have set up the separate environment management cell with qualified staff		Date: 08/02/2025
26	WASTE MANAGEMENT	Transportation of ash will be through closed container and all measure should be taken to prevent spillage of the ash.
<b>PPs Submission:</b> Complied Ash is transported exclusively in wet condition using enclosed vehicles to prevent dust and spillage. Regular vehicle inspections and maintenance ensure environmental compliance.		Date: 08/02/2025
27	WASTE MANAGEMENT	Separate silo will be provided for collecting and storing of bottom

		and fly ash.
<b>PPs Submission:</b> Complied We have provided separate silo for collecting and storing of bottom and fly ash.		<b>Date:</b> 08/02/2025
28	Corporate Environmental Responsibility	Separate fund shall be allocated for implantation of environmental protection, measure allow with breakup item wise. The cost shall be included as part of project cost the funds unmarked for environment protection measure shall not be diverted to other purpose and year wise expenditure should be reported to MPCB and this department.
<b>PPs Submission:</b> Complied Agreed. Separate funds of approx Rs 0.6 Cr (Recurring cost) are allotted for operation and maintenance of the Water, Air pollution, tree plantation etc. Also, we have spent approx. 4 Cr. For Installation of fully equipped ETP, Online monitoring system, ESP for controlling water and air pollution.		<b>Date:</b> 08/02/2025
29	Statutory compliance	The project management shall advertise at list two local newspaper widely circulated in the region around the project one of which shall be in Marathi language of the local concern within 7 day of issue of this letter informing that the project has been accorded environmental clearance letter are available with MPCB
<b>PPs Submission:</b> Complied We had published advertise in newspaper.		<b>Date:</b> 08/02/2025
30	Statutory compliance	Project management should submit half yearly compliance report in respect of stipulated prior environmental clearance term and condition in hard and soft copy in MPCB to this dept. On 1st June and 1st Dec each calendar year.
<b>PPs Submission:</b> Complied Agreed		<b>Date:</b> 08/02/2025
<b>Visit Remarks</b>		
<b>Last Site Visit Report Date:</b>		N/A
<b>Additional Remarks:</b>		NA
<p><b>Note:</b> This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.</p>		



**AMBIENT AIR QUALITY MONITORING REPORT**

Sample ID : AA/12/24/0647	Report No. AA/12/24/0647	Report Date	02/01/2025
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Lohara Village	Date - Sampling	25/12/2024 to 26/12/2024
Sample Quantity / Packing	PM <sub>10</sub> : 1 x 3 no. filter paper PM <sub>2.5</sub> : 1 x 1 no. filter paper SO <sub>2</sub> , NO <sub>2</sub> : 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	27/12/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	27/12/2024
Order Reference	J.O. No. 24-25/1CO00028 dated 05.12.2024	Date - Completion of Analysis	01/01/2025

**Meteorological Data / Environmental Conditions**

Average Wind Velocity 2.64 km/h	Wind Direction E-W	Relative Humidity (Max./Min.): 82/72%	Temperature (Max./Min.): 31/18°C	Duration of Survey 24 h
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Parameter	Result	NAAQS# 2009	Unit	Method
<b>Chemical Testing; Group: Atmospheric Pollution</b>				
Sulphur Dioxide (SO <sub>2</sub> )	<b>BLQ</b> (LOQ:4)	80	µg/m <sup>3</sup>	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO <sub>2</sub> )	<b>10.9</b>	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	<b>48</b>	100	µg/m <sup>3</sup>	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	<b>14</b>	60	µg/m <sup>3</sup>	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Carbon Monoxide (CO)	<b>1.56</b>	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

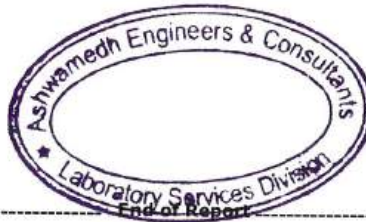
TWA : Time Weighted Average

# : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/12/24/0647 bears two Test Reports-AA/12/24/0647 and AA/12/24/0647N



Saanvi Dalal  
Section In-charge (Chemical)  
Reviewed & Authorised by



Note:

1. The result listed refer only to the tested sample(s) and applicable parameter(s).
2. This report is not to be reproduced except in full, without written approval of the laboratory.
3. In case sampling is not done by laboratory, the results apply to the sample as received.
4. There are no additions to, deviations or exclusions from the method.



**AMBIENT AIR QUALITY MONITORING REPORT**

Sample ID : AA/12/24/0648	Report No. AA/12/24/0648	Report Date	02/01/2025
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Khed Village	Date - Sampling	25/12/2024 to 26/12/2024
Sample Quantity / Packing	PM <sub>10</sub> : 1 x 3 no. filter paper PM <sub>2.5</sub> : 1 x 1 no. filter paper SO <sub>2</sub> , NO <sub>2</sub> : 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	27/12/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	27/12/2024
Order Reference	J.O. No. 24-25/1CO00028 dated 05.12.2024	Date - Completion of Analysis	01/01/2025

**Meteorological Data / Environmental Conditions**

Average Wind Velocity 2.63 km/h	Wind Direction E-W	Relative Humidity (Max./Min.): 82/69%	Temperature (Max./Min.): 30/17°C	Duration of Survey 24 h
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Parameter	Result	NAAQS# 2009	Unit	Method
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**Chemical Testing; Group: Atmospheric Pollution**

Sulphur Dioxide (SO <sub>2</sub> )	<b>BLQ</b> (LOQ:4)	80	µg/m <sup>3</sup>	IS 5182 (Part 2/Sec I): 2023
Nitrogen Dioxide (NO <sub>2</sub> )	<b>BLQ</b> (LOQ:6.5)	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	<b>44</b>	100	µg/m <sup>3</sup>	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	<b>11</b>	60	µg/m <sup>3</sup>	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Carbon Monoxide (CO)	<b>1.36</b>	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

TWA : Time Weighted Average

# : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/12/24/0648 bears two Test Reports-AA/12/24/0648 and AA/12/24/0648N

  
Saanvi Dalal  
Section In-charge (Chemical)  
Reviewed & Authorised by



Note:

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**AMBIENT AIR QUALITY MONITORING REPORT**

Sample ID : AA/12/24/0649	Report No. AA/12/24/0649	Report Date	02/01/2025
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ambient Air
Sampling Location	Near Sugar Plant	Date - Sampling	25/12/2024 to 26/12/2024
Sample Quantity / Packing	PM <sub>10</sub> : 1 x 3 no. filter paper PM <sub>2.5</sub> : 1 x 1 no. filter paper SO <sub>2</sub> , NO <sub>2</sub> : 30 ml x 6 no. plastic bottle each CO, HC: 1 x 1 no. bladder each	Date - Receipt of Sample	27/12/2024
Sampling Procedure	As per method reference	Date - Start of Analysis	27/12/2024
Order Reference	J.O. No. 24-25/1CO00028 dated 05.12.2024	Date - Completion of Analysis	01/01/2025

**Meteorological Data / Environmental Conditions**

Average Wind Velocity 2.62 km/h	Wind Direction E-W	Relative Humidity (Max./Min.): 81/70%	Temperature (Max./Min.): 31/17°C	Duration of Survey 24 h
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Parameter	Result	NAAQS# 2009	Unit	Method
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**Chemical Testing; Group: Atmospheric Pollution**

Sulphur Dioxide (SO <sub>2</sub> )	<b>BLQ</b> (LOQ:4)	80	µg/m <sup>3</sup>	IS 5182 (Part 2/Sec 1): 2023
Nitrogen Dioxide (NO <sub>2</sub> )	<b>BLQ</b> (LOQ:6.5)	80	µg/m <sup>3</sup>	IS 5182 (Part 6): 2017
Particulate Matter (size less than 10 µm) or PM <sub>10</sub>	<b>46</b>	100	µg/m <sup>3</sup>	IS 5182 (Part 23): 2017
Particulate Matter (size less than 2.5µm) or PM <sub>2.5</sub>	<b>11</b>	60	µg/m <sup>3</sup>	CPCB Guideline, Volume I,36/2012-13, Page No.15:2013
Carbon Monoxide (CO)	<b>1.26</b>	4	mg/m <sup>3</sup>	CPCB Guidelines, Volume II, 37/2012-13, Page no.16: 2013

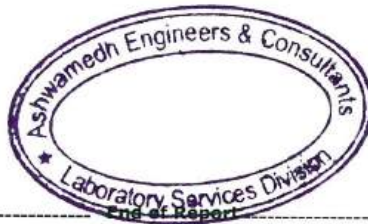
BLQ: Below Limit of Quantification, LOQ: Limit of Quantification

TWA : Time Weighted Average

# : NAAQS (National Ambient Air Quality Standards (Industrial, Residential, Rural and other Area) specified as: 24 hours TWA in case of Sulphur Dioxide, Nitrogen Dioxide, PM<sub>10</sub>, PM<sub>2.5</sub>, 1 hour TWA in case of Carbon Monoxide.

Note: Sample ID AA/12/24/0649 bears two Test Reports-AA/12/24/0649 and AA/12/24/0649N

  
Saanvi Dalal  
Section In-charge (Chemical)  
Reviewed & Authorised by



**Note:**

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**NOISE LEVEL MEASUREMENT REPORT**

Sample ID: N/02/24/0571	Report No.: N/02/24/0571	Report Date	29/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	24/02/2024

**Chemical Testing; Group: Atmospheric Pollution**

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method
1	Near Boiling House	01:00	75.8	CPCB Protocol for Ambient Level Noise Monitoring, July,2015
		22:40	73.2	
2	Near Mill House	01:20	79.2	
		22:50	70.9	
3	Near Turbine	01:40	77.6	
		23:00	74.1	

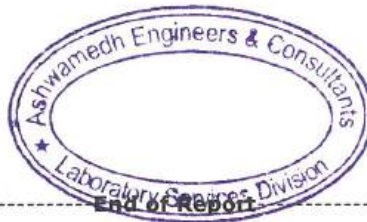
**Limit**

**Permissible Exposure Period as Per Maharashtra Factories Rules,1963, Schedule XXIV Table 1**

Total hours of sound exposure per day	Level
Hours	dB(A)
8	90
6	92
4	95

*Ninad*

Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by



End of Report

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### NOISE LEVEL MEASUREMENT REPORT

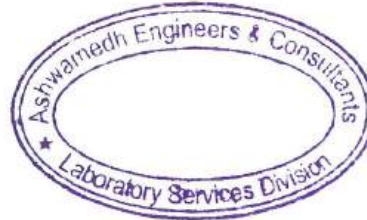
Sample ID: N/02/24/0570	Report No.: N/02/24/0570	Report Date	29/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	24/02/2024

#### Chemical Testing; Group: Atmospheric Pollution

Location	Time (h)	Results	Results	Method
		Noise Level dB (A) Fast Response	Noise Level dB (A) Slow Response	
A. Near Main Gate	10:30	65.2	66.7	CPCB Protocol for Ambient Level Noise Monitoring, July-2015
	22:40	59.7	64.4	
<b>Limits</b>				
<b>As Per the Noise Pollution (Regulation &amp; Control) Rules, 2000 (Rules 3 (1) and 4(1))</b>				
Area Type	Limits in dB (A) weighted scale			
	Day (6 a.m. to 10 p.m.)		Night (10 p.m. to 6 a.m.)	
Industrial	75		70	



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### NOISE LEVEL MEASUREMENT REPORT

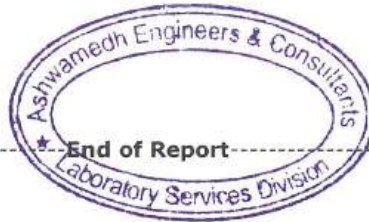
Sample ID: N/02/24/3605	Report No.: N/02/24/3605N	Report Date	29/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date-Monitoring	24/02/2024

Chemical Testing; Group: Atmospheric Pollution							
Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA I	03:00	A1	97.7	A2	72.5	25.2
		03:05	B1	96.9	B2	71.9	25.0
		03:10	C1	98.4	C2	73.3	25.1
		03:15	D1	97.5	D2	72.5	25.0
			<b>Average</b>	<b>97.6</b>	<b>Average</b>	<b>72.5</b>	<b>25.0</b>

**Note:** Standards as per MPCB Consent Condition Minimum 25 dB (A) insertion Loss.

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### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/3606	Report No.: N/02/24/3606N	Report Date	29/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date-Monitoring	24/02/2024

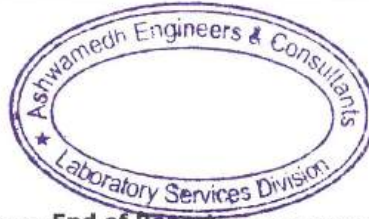
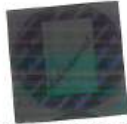
#### Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA II	03:40	A1	97.4	A2	72.4	25.0
		03:45	B1	96.5	B2	71.3	25.2
		03:50	C1	97.9	C2	72.8	25.1
		03:55	D1	98.6	D2	73.6	25.0
			<b>-Average</b>	<b>97.6</b>	<b>Average</b>	<b>72.5</b>	<b>25.0</b>

**Note:** Standards as per MPCB Consent Condition Minimum 25 dB (A) insertion Loss.

*MSK*

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## NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/09	Report No.: N/02/24/09	Report Date	05/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Workplace Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	30/01/2024

### Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method
1	Near Boiling House	12:00	80.4	CPCB Protocol for Ambient Level Noise Monitoring, July-2015
		22:20	76.4	
2	Near Mill House	12:15	75.2	
		22:35	72.6	
3	Near Turbine	12:40	73.8	
		22:50	70.2	

### Limit

#### Permissible Exposure Period as Per Maharashtra Factories Rules,1963, Schedule XXIV Table 1

Total hours of sound exposure per day	Level
Hours	dB(A)
8	90
6	92
4	95



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-----End of Report-----

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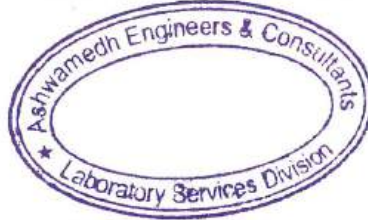


### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/08	Report No.: N/02/24/08	Report Date	05/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	30/01/2024

Chemical Testing; Group: Atmospheric Pollution				
Location	Time (h)	Results Noise Level dB (A) Fast Response	Results Noise Level dB (A) Slow Response	Method
A. Near Main Gate	10:10	64.8	65.1	CPCB Protocol for Ambient Level Noise Monitoring, July:2015
	22:20	59.4	60.7	
Limits				
As Per the Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3 (1) and 4(1))				
Area Type	Limits in dB (A) weighted scale			
	Day (6 a.m. to 10 p.m.)		Night (10 p.m. to 6 a.m.)	
Industrial	75		70	

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### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/3001	Report No.: N/02/24/3001N	Report Date	05/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date-Monitoring	30/01/2024

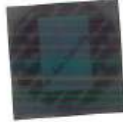
#### Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA I	03:00	A1	97.7	A2	72.5	25.2
		03:05	B1	96.8	B2	71.7	25.1
		03:10	C1	98.5	C2	73.5	25.0
		03:15	D1	97.6	D2	72.5	25.1
			<b>Average</b>	<b>97.6</b>	<b>Average</b>	<b>72.5</b>	<b>25.1</b>

**Note:** Standards as per MPCB Consent Condition Minimum 25 dB (A) insertion Loss.

*HJS*

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Technical Manager (Chemical)  
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### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/02/24/3002	Report No.: N/02/24/3002N	Report Date	05/02/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date-Monitoring	30/01/2024

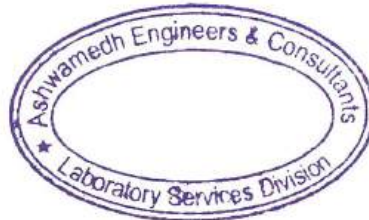
#### Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA II	03:40	A1	97.4	A2	72.3	25.1
		03:45	B1	98.5	B2	73.5	25.0
		03:50	C1	96.7	C2	71.7	25.0
		03:55	D1	97.3	D2	72.1	25.2
			<b>Average</b>	<b>97.4</b>	<b>Average</b>	<b>72.3</b>	<b>25.0</b>

**Note:** Standards as per MPCB Consent Condition Minimum 25 dB (A) insertion Loss.

*Ninad*

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### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/01/24/012	Report No.: N/01/24/012	Report Date	04/01/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	30/12/2023

Chemical Testing; Group: Atmospheric Pollution				
Location	Time (h)	Results Noise Level dB (A) Fast Response	Results Noise Level dB (A) Slow Response	Method
A. Near Main Gate	10:00	67.0	61.8	CPCB Protocol for Ambient Level Noise Monitoring, July AEC/C/SAP/SAM/358 36, Issue no.4, Issue date 01.04.2018
	22:40	59.2	57.3	
Limits				
As Per the Noise Pollution (Regulation & Control) Rules, 2000 (Rules 3 (1) and 4(1))				
Area Type	Limits in dB (A) weighted scale			
	Day (6 a.m. to 10 p.m.)		Night (10 p.m. to 6 a.m.)	
Industrial	75		70	

*Ninad*

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### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/01/24/013	Report No.: N/01/24/013	Report Date	04/01/2023
Name and Address of Customer	<b>Lokmangal Mauli Industries ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	Ambient Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date of Monitoring	30/12/2023

#### Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Result Noise Level dB (A)	Method
1	Near Boiling House	11:00	77.4	CPCB Protocol for Ambient Level Noise Monitoring, July AEC/C/SAP/SAM/356 36. Issue no.:4. Issue date 01.04.2018
		22:15	72.4	
2	Near Mill House	01:15	80.2	
		22:30	71.6	
3	Near Turbine	01:25	72.6	
		22:40	70.8	

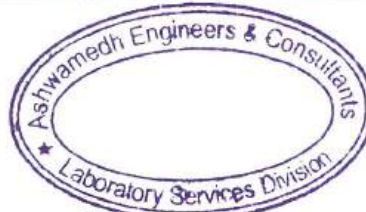
#### Limit

#### Permissible Exposure Period as Per Maharashtra Factories Rules,1963, Schedule XXIV Table 1

Total hours of sound exposure per day	Level
Hours	dB(A)
8	90
6	92
4	95



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### NOISE LEVEL MEASUREMENT REPORT

Sample ID: N/01/24/3001	Report No.: N/01/24/3001N	Report Date	04/01/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date-Monitoring	30/12/2023

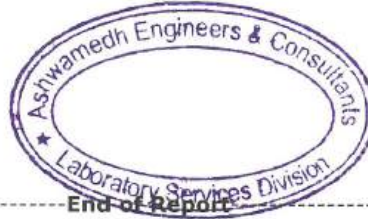
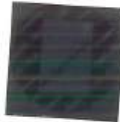
#### Chemical Testing; Group: Atmospheric Pollution

Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA I	12:30	A1	97.8	A2	72.7	25.1
		12:35	B1	96.5	B2	71.5	25.0
		12:40	C1	97.7	C2	72.5	25.2
		12:45	D1	98.5	D2	73.5	25.0
			<b>Average</b>	<b>97.6</b>	<b>Average</b>	<b>72.5</b>	<b>25.0</b>

**Note:** Standards as per MPCB Consent Condition Minimum 25 dB (A) insertion Loss.



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Technical Manager (Chemical)  
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### NOISE LEVEL MEASUREMENT REPORT

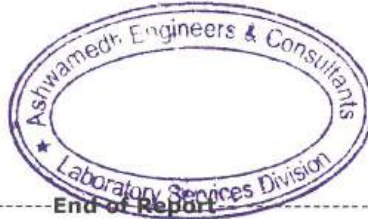
Sample ID: N/01/24/3002	Report No.: N/01/24/3002N	Report Date	04/01/2024
Name and Address of Customer	<b>Lokmangal Mauli Industries Ltd</b> A/p-Lohara (Khurd), Tal. Lohara, Dist. Osmanabad-413608, Maharashtra		
Monitoring Done By	Laboratory	Sample Description /Type	DG Noise
Order Reference	As per JO No.23-24/1CO00035 JO date on 02/12/2023	Date-Monitoring	30/12/2023

Chemical Testing; Group: Atmospheric Pollution							
Sr. No.	Location	Time (h)	Sound Level dB (A) Fast Response				Difference
			A	Inside	B	Outside	
1.	DG SET 1010 KVA II	12:30	A1	97.6	A2	72.6	25.0
		12:35	B1	98.6	B2	73.5	25.1
		12:40	C1	97.4	C2	72.4	25.0
		12:45	D1	96.9	D2	71.7	25.2
			<b>Average</b>	<b>97.6</b>	<b>Average</b>	<b>72.5</b>	<b>25.0</b>

**Note:** Standards as per MPCB Consent Condition Minimum 25 dB (A) insertion Loss.

*[Signature]*

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Technical Manager (Chemical)  
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ULR-TC55092400003986F

**TEST REPORT**

Sample ID : W/02/24/0503	Report No. W/02/24/0503	Report Date	04/03/2024
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Khed Village - Well	Date - Sampling	26/02/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	27/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24 <sup>th</sup> Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	27/02/2024
Order Reference	W.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
<b>Chemical Testing; Group: Water, Residues in Water</b>					
<b>Physical &amp; Chemical Parameters</b>					
1	Colour	<b>1</b>	Max. 5	Hazen units	IS 3025 (Part 4), Method No.4: 2021
2	Odour	<b>Agreeable</b>	Agreeable	-	IS 3025 (Part 5): 2018
3	pH value (at 25°C)	<b>7.34</b>	6.5-8.5	-	IS 3025 (Part 11) : 2022
4	Turbidity	<b>BLQ (LOQ:0.2)</b>	Max. 1	NTU	IS 3025 (Part 10) : 2023
5	Total Dissolved Solids	<b>492</b>	Max.500	mg/L	IS 3025 (Part 16): 2023
6	Calcium (as Ca)	<b>59.3</b>	Max. 75	mg/L	IS 3025 (Part 40), Method No.5: 1991
7	Chloride (as Cl)	<b>68</b>	Max. 250	mg/L	IS 3025 (Part 32),Method No.2: 1988
8	Fluoride (as F)	<b>0.8</b>	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008
9	Free Residual Chlorine	<b>BLQ (LOQ:0.05)</b>	Min. 0.2	mg/L	APHA,24th Ed.,4500- Cl,6.357: 2023
10	Iron (as Fe)	<b>0.131</b>	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	<b>38.8</b>	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO <sub>3</sub> )	<b>4.2</b>	Max.45	mg/L	APHA,24th Ed.,4500- NO3.B, 434: 2023
13	Sulphate (as SO <sub>4</sub> )	<b>48</b>	Max. 200	mg/L	IS 3025 (Part 24)/Sec-1: 2022
14	Total Hardness (as CaCO <sub>3</sub> )	<b>308</b>	Max. 200	mg/L	IS 3025 (Part 21) Method No.5: 1983
15	Total Phosphate (as P)	<b>BLQ (LOQ:0.1)</b>	Not specified	mg/L	APHA,24th Ed.,4500- P.E.486: 2023
16	Silica (as SiO <sub>2</sub> )	<b>5.8</b>	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988
<b>Biological Testing; Group: Water</b>					
<b>Bacteriological Parameters</b>					
17	Total Coliforms	<b>Present</b>	Not specified	/100ml	APHA, 24th Ed., 9221-D, 1140: 2023

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification

*Selva*  
Ulka Belan  
Quality Manager  
Reviewed & Authorised by



*Ninad*  
Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by

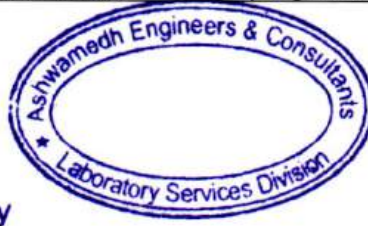


ULR-TC550924000003986F

Sample ID : W/02/24/0503	Report No. W/02/24/0503	Report Date	04/03/2024
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Ulka Belan  
Quality Manager  
Reviewed & Authorised by





Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by

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ULR-TC55092400003987F

**TEST REPORT**

Sample ID : W/02/24/0504	Report No. W/02/24/0504	Report Date	04/03/2024
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Lohara Village - Borewell	Date - Sampling	26/02/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	27/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24th Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	27/02/2024
Order Reference	W.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	02/03/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
<b>Chemical Testing; Group: Water, Residues in Water</b>					
<b>Physical &amp; Chemical Parameters</b>					
1	Colour	<b>1</b>	Max. 5	Hazen units	IS 3025 (Part 4), Method No.4: 2021
2	Odour	<b>Agreeable</b>	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	<b>7.01</b>	6.5-8.5	-	IS 3025 (Part II) : 2022
4	Turbidity	<b>BLQ</b> <b>(LOQ:0.2)</b>	Max. 1	NTU	IS 3025 (Part 10) : 2023
5	Total Dissolved Solids	<b>1172</b>	Max.500	mg/L	IS 3025 (Part 16): 2023
6	Calcium (as Ca)	<b>160</b>	Max. 75	mg/L	IS 3025 (Part 40), Method No.5: 1991
7	Chloride (as Cl)	<b>329</b>	Max. 250	mg/L	IS 3025 (Part 32),Method No.2: 1988
8	Fluoride (as F)	<b>1.2</b>	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008
9	Free Residual Chlorine	<b>BLQ</b> <b>(LOQ:0.05)</b>	Min. 0.2	mg/L	APHA,24th Ed.,4500- Cl.G.357: 2023
10	Iron (as Fe)	<b>0.079</b>	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	<b>97.2</b>	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO <sub>3</sub> )	<b>15</b>	Max.45	mg/L	APHA,24th Ed.,4500- NO3.B. 434: 2023
13	Sulphate (as SO <sub>4</sub> )	<b>324</b>	Max. 200	mg/L	IS 3025 (Part 24)/Sec-I: 2022
14	Total Hardness (as CaCO <sub>3</sub> )	<b>800</b>	Max. 200	mg/L	IS 3025 (Part 21) Method No.5: 1983
15	Total Phosphate (as P)	<b>BLQ</b> <b>(LOQ:0.1)</b>	Not specified	mg/L	APHA,24th Ed.,4500- P.E.486: 2023
16	Silica (as SiO <sub>2</sub> )	<b>8.2</b>	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988
<b>Biological Testing; Group: Water</b>					
<b>Bacteriological Parameters</b>					
17	Total Coliforms	<b>Present</b>	Not specified	/100ml	APHA, 24th Ed., 9221-D, 1140: 2023

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification

Ulka Belan  
Quality Manager  
Reviewed & Authorised by



Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by

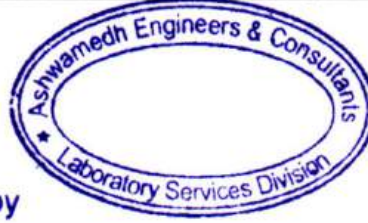


**ULR-TC550924000003987F**

Sample ID : W/02/24/0504	Report No. W/02/24/0504	Report Date	04/03/2024
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*Selan*

**Ulka Belan**  
**Quality Manager**  
**Reviewed & Authorised by**



*Ninad*

**Ninad Soundankar**  
**Technical Manager (Chemical)**  
**Reviewed & Authorised by**

**Note:**

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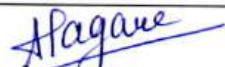
ULR-TC550924000002476F

**TEST REPORT**

Sample ID : W/02/24/04	Report No. W/02/24/04	Report Date	06/02/2024
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell - Khed Village	Date - Sampling	31/01/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24 <sup>th</sup> Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	06/02/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
<b>Chemical Testing; Group: Water, Residues in Water</b>					
<b>Physical &amp; Chemical Parameters</b>					
1	Colour	<b>1</b>	Max.5	Hazen units	IS 3025 (Part 4), Method No.4: 2021
2	Odour	<b>Agreeable</b>	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	<b>7</b>	6.5-8.5	-	IS 3025 (Part 11): 1983
4	Turbidity	<b>0.23</b>	Max.1	NTU	IS 3025 (Part 10) : 2023
5	Total Dissolved Solids	<b>738</b>	Max.500	mg/L	IS 3025 (Part 16): 2023
6	Calcium (as Ca)	<b>57.7</b>	Max. 75	mg/L	IS 3025 (Part 40), Method No.5: 1991
7	Chloride (as Cl)	<b>152</b>	Max.250	mg/L	IS 3025 (Part 32), Method No.2: 1988
8	Fluoride (as F)	<b>1.1</b>	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008
9	Free Residual Chlorine	<b>BLQ (LOQ:0.05)</b>	Min. 0.2	mg/L	APHA,24th Ed. 4500- Cl.6.357: 2023
10	Iron (as Fe)	<b>0.246</b>	Max.1	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	<b>36</b>	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO <sub>3</sub> )	<b>3.03</b>	Max.45	mg/L	APHA,24th Ed. 4500- NO3.B. 434: 2023
13	Sulphate (as SO <sub>4</sub> )	<b>252</b>	Max.200	mg/L	IS 3025 (Part 24)/Sec-1: 2022
14	Total Alkalinity (as CaCO <sub>3</sub> )	<b>120</b>	Max.200	mg/L	IS 3025(Part 23):1986
15	Total Hardness (as CaCO <sub>3</sub> )	<b>292</b>	Max.200	mg/L	IS 3025 (Part 21) Method No.5: 1983
16	Total Phosphate (as P)	<b>BLQ (LOQ:0.1)</b>	Not specified	mg/L	APHA,24th Ed. 4500- P.E.486: 2023
17	Silica (as SiO <sub>2</sub> )	<b>8</b>	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988
<b>Biological Testing; Group: Water</b>					
<b>Bacteriological Parameters</b>					
18	Total Coliforms	<b>Absent</b>	Not specified	/100 ml	APHA, 24th Ed. 9221-D, 1140: 2023

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

  
Akshata Pagare  
Senior Analyst (Biological)  
Reviewed & Authorised by



  
Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by





ULR-TC550924000002476F

Sample ID : W/02/24/04	Report No. W/02/24/04	Report Date	06/02/2024
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*A. Pagare*

Akshata Pagare  
Senior Analyst (Biological)  
Reviewed & Authorised by



*N. Soundankar*

Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by

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ULR-TC550924000002477F

**TEST REPORT**

Sample ID : W/02/24/05	Report No. W/02/24/05	Report Date	06/02/2024
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Borewell - Lohara Village	Date - Sampling	31/01/2024
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/02/2024
Sampling Procedure	IS 1622:1981 & APHA 24 <sup>th</sup> Ed., 2023, 1060 B, 44, 9060 A,1094 & 9060 B,1097 & ISO 19458:2006	Date - Start of Analysis	01/02/2024
Order Reference	J.O. No. 23-24/1CO00035 dated 02.12.2023	Date - Completion of Analysis	05/02/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
<b>Chemical Testing; Group: Water, Residues in Water</b>					
<b>Physical &amp; Chemical Parameters</b>					
1	Colour	<b>1</b>	Max.5	Hazen units	IS 3025 (Part 4), Method No.4: 2021
2	Odour	<b>Agreeable</b>	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	<b>7.31</b>	6.5-8.5	-	IS 3025 (Part 11): 1983
4	Turbidity	<b>BLQ (LOQ:0.2)</b>	Max.1	NTU	IS 3025 (Part 10) : 2023
5	Total Dissolved Solids	<b>1164</b>	Max.500	mg/L	IS 3025 (Part 16): 2023
6	Calcium (as Ca)	<b>84.2</b>	Max. 75	mg/L	IS 3025 (Part 40), Method No.5: 1991
7	Chloride (as Cl)	<b>300</b>	Max.250	mg/L	IS 3025 (Part 32), Method No.2: 1988
8	Fluoride (as F)	<b>1.8</b>	Max.1.0	mg/L	IS 3025 (Part 60) Method No.5: 2008
9	Free Residual Chlorine	<b>BLQ (LOQ:0.05)</b>	Min. 0.2	mg/L	APHA 24th Ed.4500- Cl.G.357: 2023
10	Iron (as Fe)	<b>1.97</b>	Max.1	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	<b>53.5</b>	Max. 30	mg/L	IS 3025 (Part 46): 1994
12	Nitrate (as NO <sub>3</sub> )	<b>4.16</b>	Max.45	mg/L	APHA 24th Ed.4500- NO3.B. 434: 2023
13	Sulphate (as SO <sub>4</sub> )	<b>34.3</b>	Max.200	mg/L	IS 3025 (Part 24)/Sec-1: 2022
14	Total Alkalinity (as CaCO <sub>3</sub> )	<b>175</b>	Max.200	mg/L	IS 3025(Part 23):1986
15	Total Hardness (as CaCO <sub>3</sub> )	<b>430</b>	Max.200	mg/L	IS 3025 (Part 21) Method No.5: 1983
16	Total Phosphate (as P)	<b>BLQ (LOQ:0.1)</b>	Not specified	mg/L	APHA 24th Ed.4500- P.E.486: 2023
17	Silica (as SiO <sub>2</sub> )	<b>13</b>	Not specified	mg/L	IS 3025 (Part 35) Method No.4: 1988
<b>Biological Testing; Group: Water</b>					
<b>Bacteriological Parameters</b>					
18	Total Coliforms	<b>Absent</b>	Not specified	/100 ml	APHA 24th Ed. 9221-D. 1140: 2023

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.

*A. Pagare*  
Akshata Pagare  
Senior Analyst (Biological)  
Reviewed & Authorised by

*N. Soundankar*  
Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by



End of Report

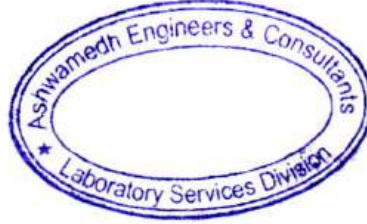


ULR-TC550924000002477F

Sample ID : W/02/24/05	Report No. W/02/24/05	Report Date	06/02/2024
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*Apagare*

Akshata Pagare  
Senior Analyst (Biological)  
Reviewed & Authorised by



*Ninad*

Ninad Soundankar  
Technical Manager (Chemical)  
Reviewed & Authorised by

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ULR-TC55092400000099F

**TEST REPORT**


Sample ID : W/01/24/012	Report No. W/01/24/012	Report Date	06/01/2024
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Khed Village - Borewell	Date - Sampling	31/12/2023
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/01/2024
Sampling Procedure	IS 1622:1981 & IS 3025(Part I):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	01/01/2024
Order Reference	W.O. No. 23-24/1CO035 dated 02.12.2023	Date - Completion of Analysis	05/01/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
<b>Chemical Testing; Group: Water, Residues in Water</b>					
<b>Physical &amp; Chemical Parameters</b>					
1	Colour	<b>1</b>	Max. 5	Hazen units	IS 3025 (Part 4):1983
2	Odour	<b>Agreeable</b>	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	<b>7.67</b>	6.5-8.5	-	IS 3025 (Part II):1983
4	Turbidity	<b>0.22</b>	Max. 1	NTU	IS 3025 (Part 10):1984
5	Total Dissolved Solids	<b>564</b>	Max.500	mg/L	IS 3025 (Part 16):1984
6	Calcium (as Ca)	<b>60.9</b>	Max. 75	mg/L	IS 3025 (Part 40):1991
7	Chloride (as Cl)	<b>77</b>	Max. 250	mg/L	IS 3025 (Part 32):1988
8	Fluoride (as F)	<b>0.8</b>	Max.1.0	mg/L	IS 3025 (Part 60)
9	Free Residual Chlorine	<b>BLQ</b> <b>(LOQ:0.05)</b>	Min.0.2	mg/L	APHA, 23rd Ed., 4500-Cl-G, 4-72
10	Iron (as Fe)	<b>BLQ</b> <b>(LOQ:0.06)</b>	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	<b>34.9</b>	Max. 30	mg/L	IS 3025 (Part 46):1994
12	Nitrate (as NO <sub>3</sub> )	<b>34.4</b>	Max.45	mg/L	APHA, 23rd Ed., 4500-NO <sub>3</sub> B-4-127
13	Sulphate (as SO <sub>4</sub> )	<b>46.1</b>	Max. 200	mg/L	IS 3025 (Part 24)
14	Total Hardness (as CaCO <sub>3</sub> )	<b>296</b>	Max. 200	mg/L	IS 3025 (Part 21):1983
15	Total Phosphate (as P)	<b>BLQ</b> <b>(LOQ:0.1)</b>	Not specified	mg/L	APHA, 23rd Ed., 4500 P.E. 4-164
16	Silica (as SiO <sub>2</sub> )	<b>12</b>	Not specified	mg/L	IS 3025 (Part 35):1988
<b>Biological Testing; Group: Water</b>					
<b>Bacteriological Parameters</b>					
17	Total Coliforms	<b>Absent</b>	Not specified	/100ml	APHA, 23rd Ed., 9221-D, 9-75 P-A Coliform test: 2017

BLQ: Below Limit of Quantification, LOQ: Limit of Quantification.

  
Sonali Kapse  
Section In-charge (Biological)  
Reviewed & Authorised by



  
Saanvi Dalal  
Section In-charge (Chemical)  
Reviewed & Authorised by





ULR-TC55092400000099F

Sample ID : W/01/24/012	Report No. W/01/24/012	Report Date	06/01/2024
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**Sonali Kapse**  
Section In-Charge (Biological)  
Reviewed & Authorised by



  
**Saanvi Dalal**  
Section In-charge (Chemical)  
Reviewed & Authorised by

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ULR-TC550924000000100F

**TEST REPORT**

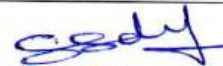
Sample ID : W/01/24/013	Report No. W/01/24/013	Report Date	06/01/2024
Name and address of Customer	<b>Lokmangal Mauli Industries Ltd.</b> A/P. - Lohara (Khurd), Tal. Lohara, Dist. Osmanabad - 413608, Maharashtra		
Sampling done by	Laboratory	Sample Description / Type	Ground Water
Sampling Location	Lohara Village - Borewell	Date - Sampling	31/12/2023
Sample Quantity / Packing	2 L x 1 no. plastic can 250 ml x 1 no. sterile bottle	Date - Receipt of Sample	01/01/2024
Sampling Procedure	IS 1622:1981 & IS 3025(Part I):1987 & APHA 23rd Ed.2017, 1060 B,1-40, 9060 A,9-36 & 9060 B,9-39 & ISO 19458:2006	Date - Start of Analysis	01/01/2024
Order Reference	W.O. No. 23-24/1CO035 dated 02.12.2023	Date - Completion of Analysis	05/01/2024

Sr.No.	Parameter	Result	Acceptable Limit as per IS 10500:2012	Unit	Method
<b>Chemical Testing; Group: Water, Residues in Water</b>					
<b>Physical &amp; Chemical Parameters</b>					
1	Colour	<b>1</b>	Max. 5	Hazen units	IS 3025 (Part 4):1983
2	Odour	<b>Agreeable</b>	Agreeable	-	IS 3025 (Part 5):2018
3	pH value (at 25°C)	<b>8.16</b>	6.5-8.5	-	IS 3025 (Part II):1983
4	Turbidity	<b>0.26</b>	Max. 1	NTU	IS 3025 (Part 10):1984
5	Total Dissolved Solids	<b>1222</b>	Max.500	mg/L	IS 3025 (Part 16):1984
6	Calcium (as Ca)	<b>112</b>	Max. 75	mg/L	IS 3025 (Part 40):1991
7	Chloride (as Cl)	<b>252</b>	Max. 250	mg/L	IS 3025 (Part 32):1988
8	Fluoride (as F)	<b>1.4</b>	Max.1.0	mg/L	IS 3025 (Part 60)
9	Free Residual Chlorine	<b>BLQ (LOQ:0.05)</b>	Min.0.2	mg/L	APHA, 23rd Ed., 4500-Cl-G, 4-72
10	Iron (as Fe)	<b>0.102</b>	Max.1.0	mg/L	IS 3025 (Part 2):2019/ISO 11885:2007
11	Magnesium (as Mg)	<b>58</b>	Max. 30	mg/L	IS 3025 (Part 46):1994
12	Nitrate (as NO <sub>3</sub> )	<b>5.45</b>	Max.45	mg/L	APHA, 23rd Ed., 4500-NO3 B-4-127
13	Sulphate (as SO <sub>4</sub> )	<b>155</b>	Max. 200	mg/L	IS 3025 (Part 24)
14	Total Hardness (as CaCO <sub>3</sub> )	<b>520</b>	Max. 200	mg/L	IS 3025 (Part 21):1983
15	Total Phosphate (as P)	<b>BLQ (LOQ:0.1)</b>	Not specified	mg/L	APHA, 23rd Ed., 4500 P.E. 4-164
16	Silica (as SiO <sub>2</sub> )	<b>15</b>	Not specified	mg/L	IS 3025 (Part 35):1988
<b>Biological Testing; Group: Water</b>					
<b>Bacteriological Parameters</b>					
17	Total Coliforms	<b>Absent</b>	Not specified	/100ml	APHA, 23rd Ed., 9221-D, 9-75 P-A Coliform test: 2017

BLQ:Below Limit of Quantification, LOQ:Limit of Quantification.

  
Sonali Kapse  
Section In-charge (Biological)  
Reviewed & Authorised by



  
Saanvi Dalal  
Section In-charge (Chemical)  
Reviewed & Authorised by

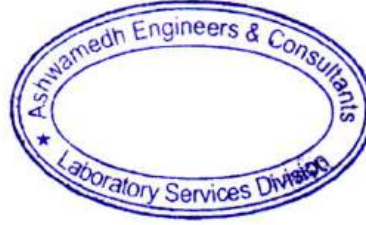





ULR-TC550924000000100F

Sample ID : W/01/24/013	Report No. W/01/24/013	Report Date	06/01/2024
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**Sonali Kapse**  
Section In-Charge (Biological)  
Reviewed & Authorised by



  
**Saanvi Dalal**  
Section In-charge (Chemical)  
Reviewed & Authorised by

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**Details of Tree Plantation for Lokmangal Mauli Industries Limited, Lohara,  
Osmanabad Sugar Factory**

As part of our environmental initiatives, Lokmangal Mauli Industries Limited, Lohara, Osmanabad Sugar Factory has planted around of 23,000 no's of trees. Lokmangal Mauli Industries Limited, Lohara, Osmanabad Sugar Factory is committed to maintaining a balance between industrial operations and environmental sustainability. The extensive open area within the factory premises has been effectively utilized for tree plantation, and our efforts have been extended beyond the factory boundaries to contribute to the greening of the surrounding areas. We will continue to nurture and expand our green initiatives, ensuring that our operations support ecological balance and community well-being.

Sr.no	Marathi Name	English / Common Name	Botanical Names	No of Trees
1	लिंब	Neem / Margosa / Indian lilac	Azardirachta indica	1432
2	आंबा	Mango tree	Mangifera indica	564
3	चिंच	Tamarind	Tamarindus indica	114
4	करंज	Indian beech / Karanja / Pongame oil tree	Millettia pinnata	2900
5	गुलमोहर	Flame tree	Delonix regia	886
6	सिल्वर ओक	Silky oak / southern silky oak	Grevillea robusta	1347
7	गोल्डन ओक	Golden Bamboo	Phullostachys aurea	1760
8	सप्तपर्णी	Indian devil tree / Dita	Alstonia scholaris	1474
9	चाफा	Golden champa	Plumeria alba	1237
10	वसंतरानी	Tabebuia	Trumpet tree	662
11	सुरु	Coastal she oak	Casuarina equisetifalia	363
12	शिसव	Indian rosewood /Sheesham/Blackwood tree	Dalbergia sissoo	1650
13	पळस	Flame of the forest/ flame tree	Peltophorum pterocarpum	2860
14	कसोद / कॅसोड ट्री	Cassia siamea/ caesalpinaceae	Senna siamea	1304
15	ब्लॅक फायकस	Black ficus	Ficus benjamina	955
16	गोल्डन फायकस	Golden ficus	Ficus microcarpa	1040
17	कणेर	Oleander / rosebay	Nerium oleander	1175
18	विलायती शिरीष / पर्जन्य वृक्ष	Rain tree / Monkey pod / Acacia preta	Samanea saman	1114
<b>Total</b>				<b>22837</b>



**Photographs of Green Belt of Lokmangal Mauli Industries Limited, Lohara, Osmanabad Sugar Factory:**



















# LMIL DG System

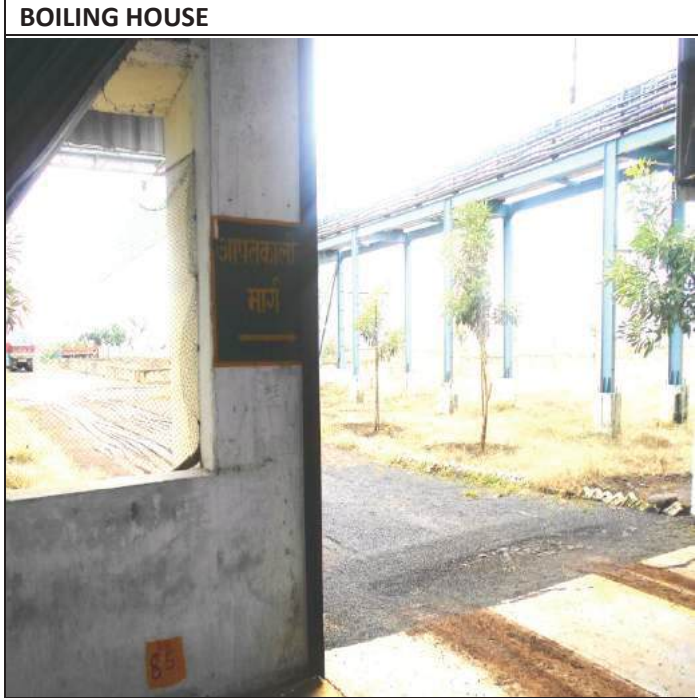
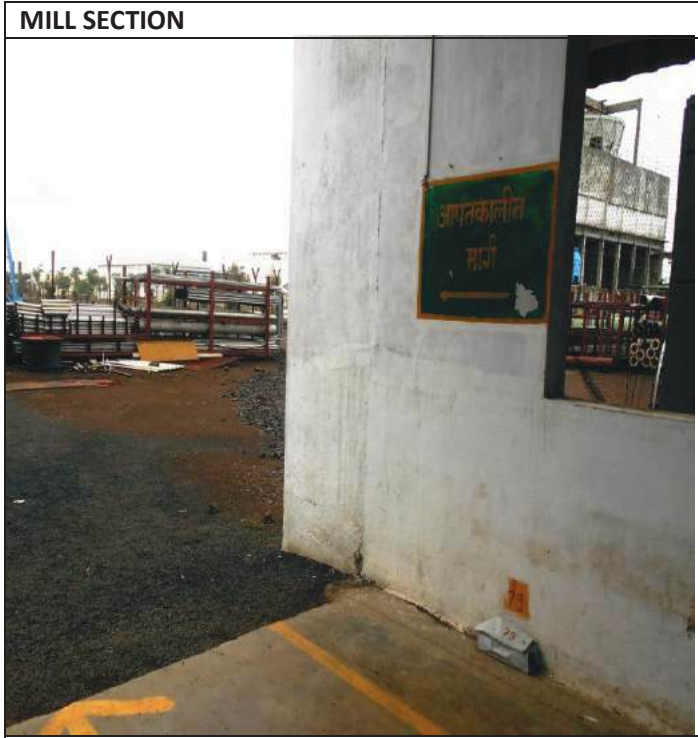




# LOKMANGAL MAULI IND. LTD LOHARA KH

TQ-LOHARA DIST-OSMANABAD

## EMERGENCY EXIT

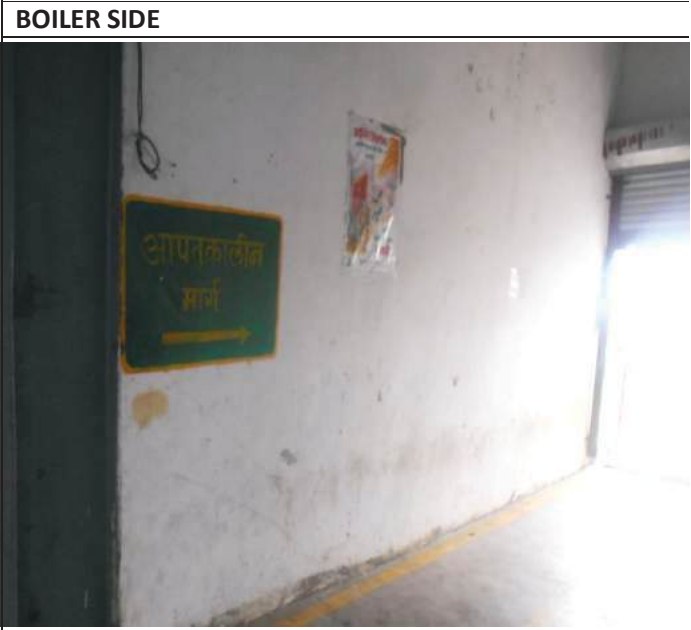
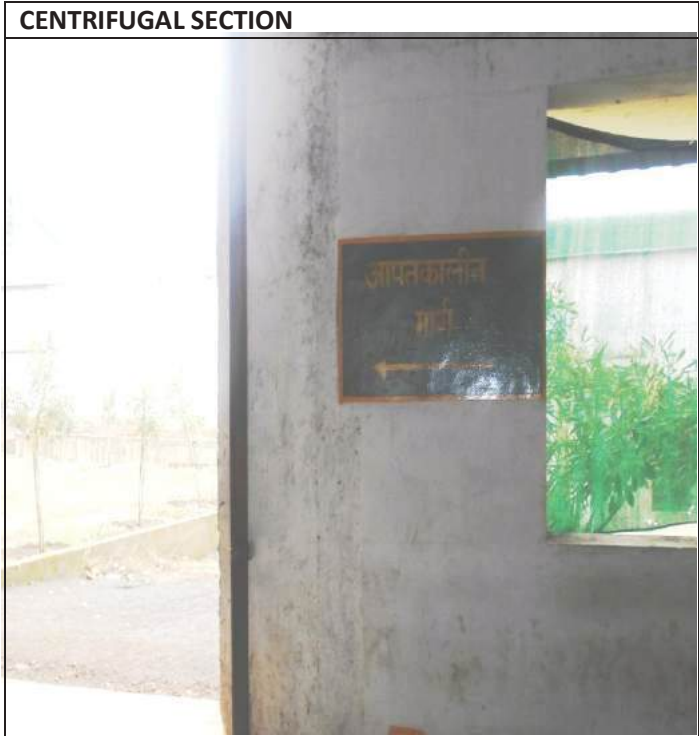




# LOKMANGAL MAULI IND. LTD LOHARA KH

TQ-LOHARA DIST-OSMANABAD

**EMERGENCY EXIT**



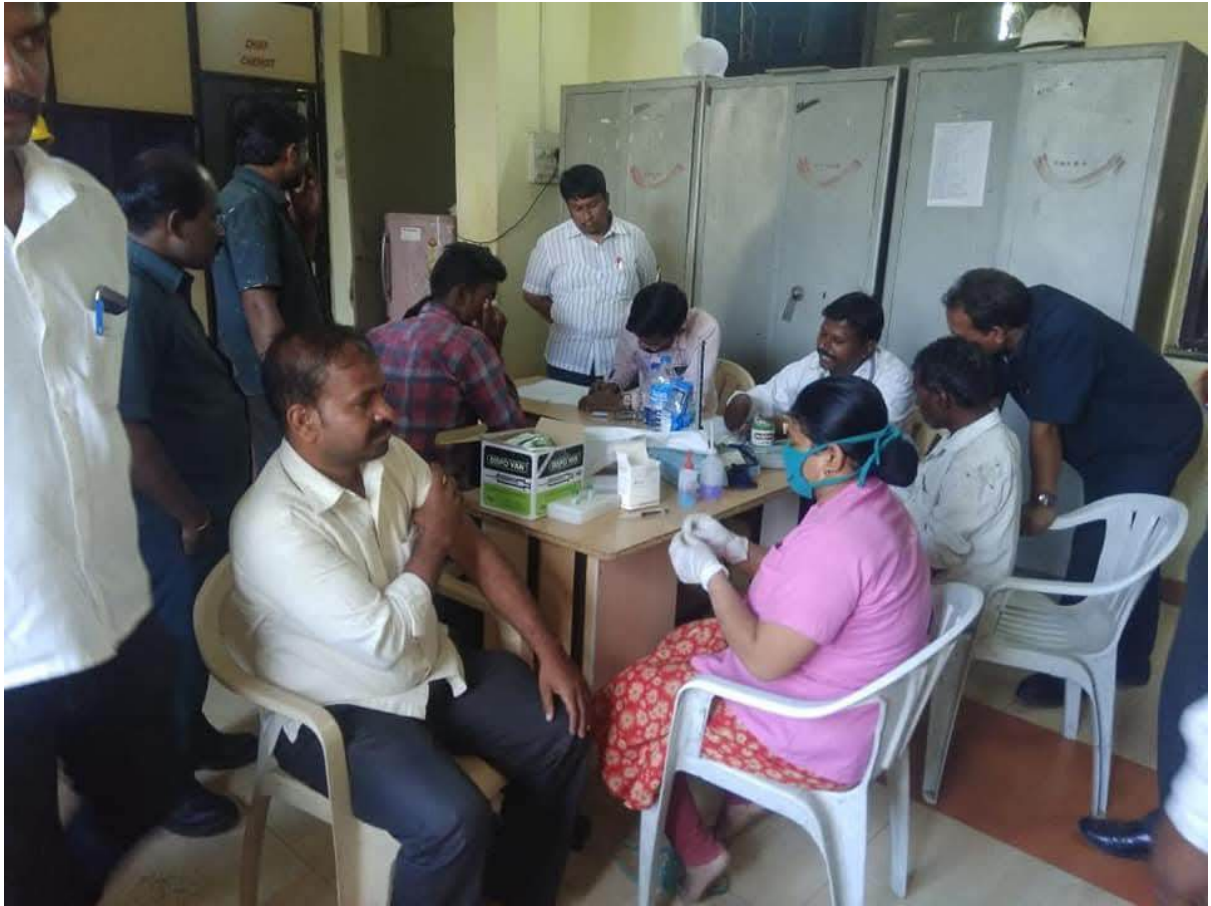
## HEALTH CAMPS PHOTOS







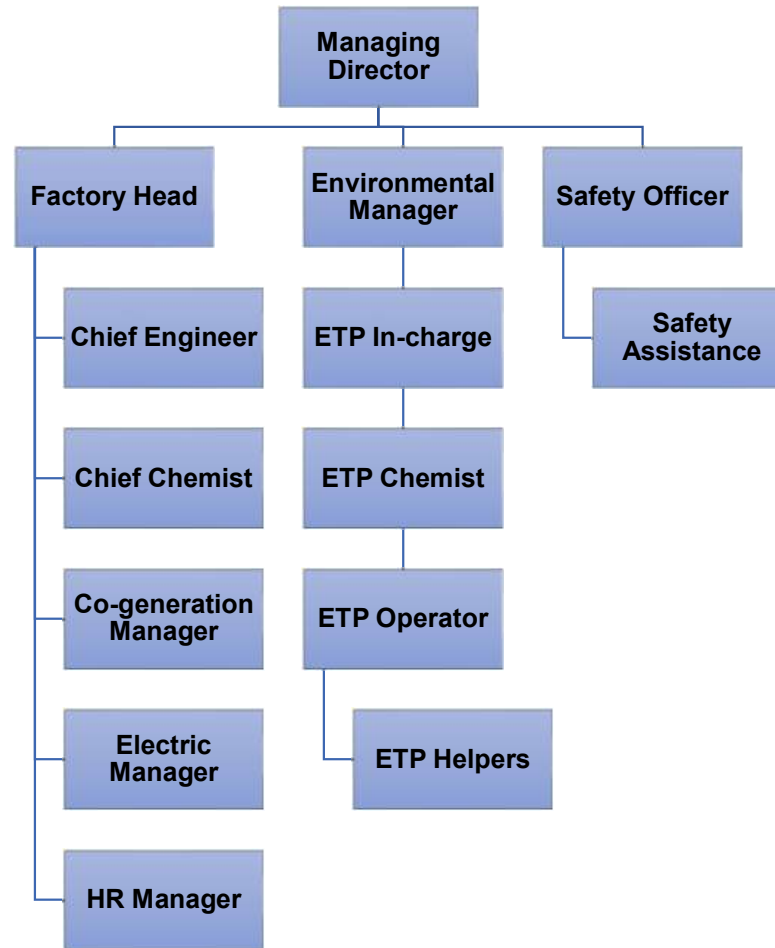








# Lokmangal Mauli Industries Limited



**Lokmangal Mauli Ind Ltd,**

**Silo for collecting & storing of bottom & fly ash**





## **Lokmangal Mauli Industries Ltd.**

**Village-Lohara (Khurd)-Khed,  
Tal-Lohara, Dist Osmanabad.**

### **PUBLIC NOTICE**

This is to inform all concerned that the Ministry of Environment & Forests Government of India, New Delhi has accorded environmental clearance for our proposed 30 MW Bagasse and biomass based cogeneration power plant wide letter F. No. J-13012/02/2012-IA. II (T) dated on 25.02.2014.

The copies of the environmental clearance are available with Maharashtra pollution control Board Office and may also be seen at website of Ministry at <http://moef.nic.in>

**Director  
Lokmangal Mauli Industries Ltd.**

## **लोकमंगल माऊली इंडस्ट्रिज लि;**

लोहारा (खुर्द) खेड, ता. लोहारा, जि. उस्मानाबाद.

### **जाहीर प्रगटन**

पर्यावरण तथा वन मंत्रालय (MOEF) भारत सरकार यांनी लोकमंगल माऊली इंडस्ट्रिज लि. लोहारा (खुर्द) खेड, ता. लोहारा, जि. उस्मानाबाद यांच्या नविन प्रकल्पास ३० मेगावॉट विद्युत निर्मितीसाठी लागणारे पर्यावरण विषयक मंजूरी पत्र (Environmental Clearance) क्र. F.No. J-13012/02/2012-iA.II (T) दिनांक २५ फेब्रुवारी २०१४ नुसार दिलेले आहे. सदरील पत्र महाराष्ट्र प्रदुषण नियंत्रण मंडळ यांचे कार्यालयात अथवा मंत्रालयाची वेबसाईट <http://moef.nic.in> येथे पाहू शकता.

संचालक

**लोकमंगल माऊली इंडस्ट्रिज लि.**

# MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437  
Fax: 24023516  
Website: <http://mpcb.gov.in>  
Email: [cac-cell@mpcb.gov.in](mailto:cac-cell@mpcb.gov.in)



Kalpataru Point, 2nd, 3rd and  
4th floor, Opp. Cine Planet  
Cinema, Near Sion Circle, Sion  
(E), Mumbai-400022

No:- Format1.0/CAC/UAN No.MPCB-  
CONSENT-0000216679/CR/2501002491

Date: 24/01/2025

To,  
Lokmangal Mauli Industries Limited,  
Gut number -67, 68,69 & 80, Village - Lohara Khurd,  
Tal. - Lohara, Dist. - Osmanabad.



**Sub: Renewal of consent for 6000 TCD sugar and 30 MW cogeneration unit**

- Ref:**
- 1. Earlier consent granted vide no.Format1.0/CAC/UAN No.MPCBCONSENT-0000116031/CR/2303000934 dated 15.03.2023**
  - 2. Environmental Clearance granted vide letter no SEAC-2013/C.R.538/TC-II dated 11.06.2014**
  - 3. Minutes of 9th CAC meeting held in 10.10.2024**

Your application No.MPCB-CONSENT-0000216679 Dated 30.07.2024

For: Grant of Renewal of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 and Rule 18(7) of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- 1. The Consent to Renewal is granted upto: 31.07.2025**
- 2. The capital investment of the industry is Rs.398.33 Crs. (As per C.A Certificate submitted by industry).**
- 3. Consent is valid for the manufacture of:**

<b>Sr No</b>	<b>Product</b>	<b>Maximum Quantity</b>	<b>UOM</b>
1	Sugar	21600	MT/M
2	Electric Power	30	Mwh
3	Bagasse	54000	MT/M
4	Press Mud	7200	MT/M
5	Molasses	7200	MT/M

- 3. Industry shall not exceed crushing capacity more 6000 TCD.**



4. **Conditions under Water (P&CP) Act, 1974 for discharge of effluent:**

<i>Sr No</i>	<i>Description</i>	<i>Permitted in CMD</i>	<i>Standards to</i>	<i>Disposal</i>
1.	Trade effluent	660	As per Schedule -I	100 CMD 100% recycle & 560 CMD on land for irrigation.
2.	Domestic effluent	25	As per Schedule - I	On land for gardening

5. **Conditions under the Air (P& CP) Act, 1981 for air emissions:**

<i>Stack No.</i>	<i>Description of stack / source</i>	<i>Number of Stack</i>	<i>Standards to be achieved</i>
1	Boiler (135 TPH)	1	As per Schedule -II
2	DG Set (1000 KVA)	1	As per Schedule -II
3	DG Set (1000 KVA)	1	As per Schedule -II

(As per previous consent of existing unit)

6. **Conditions about Non Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	Fly and bottom ash	480	MT/M	NA	Sale to brick manufacturer/use as a soil conditioner/ use as a binder of compost/use for reclamation
2	ETP sludge	6	MT/M	NA	Use as a manure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2008 for treatment and disposal of hazardous waste:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>HW Category.</i>	<i>Quantity &amp; UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	5.1 Used or spent oil	5.1	0.5 MT/M	Incineration	Incinerate in own boiler

The applicant shall ensure disposal to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.

a. The applicant shall properly collect, transport & regularly dispose of the hazardous waste to CHWTSDF, in compliance of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules, 2016 and keep proper manifest thereof.

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
10. Industry shall connect online CMS data as per CPCB guidelines to CPCB & MPCB Servers.
11. Industry shall stop production activity voluntarily in case of failure of operation and maintenance of the ETP system as preventive measures.
12. Industry shall extend all existing BGs towards O&M of pollution control systems and towards compliance of the Consent conditions.
13. This consent is issued as per the 9th Consent Appraisal Committee meeting dated 10.10.2024.

14. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
15. Industry shall submit bank guarantee of Rs. 25 lakhs towards O & M of pollution control systems and compliance of consent conditions.
16. The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise. In no case, sewage shall find its way for gardening / outside factory premises.
17. The industry shall create an Environment Cell by appointing an Environmental Engineer / Expert for looking after day-to-day activities related to Environment / Pollution control.

This consent is issued on the basis of information/documents submitted by the Applicant/Project Proponent, if it has been observed that the information submitted by the Applicant/Project Proponent is false, misleading or fraudulent, the Board reserves its right to revoke the consent & further legal action will be initiated against the Applicant/Project Proponent.



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Signed by: **Dr. Avinash Dhakne**  
Member Secretary  
For and on behalf of,  
**Maharashtra Pollution Control Board**  
ms@mpcb.gov.in  
2025-01-24 20:10:33 IST

**Received Consent fee of -**

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	2390020.00	TXN2407004717	30/07/2024	Online Payment
2	50000.00	TXN2408000849	10/08/2024	Online Payment

**Industry has paid Rs 2440020 /-. Fees of 1 term i.e 796660/- , additional fees of Rs 50000/- towards increase in CI and BG penalty of Rs 530959 is deducted from Rs 2440020/-. Now Rs 1062401 /- is balance with Board.**

**Copy to:**

1. Regional Officer, MPCB, Aurangabad and Sub-Regional Officer, MPCB, Latur
  - They are directed to ensure the compliance of the consent conditions.
  - SRO shall initiate separate legal action for exceeding JVS results of ETP outlet and stack
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC-CAC desk - for record & website updation.



## **SCHEDULE-I**

### **Terms & conditions for compliance of Water Pollution Control:**

- 1) **A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 786 CMD consisting of Primary, Secondary, Tertiary for treatment of 660 CMD industrial effluent.**
- B] Industry has provide CPU for recycle/reuse of treated effluent.**
- C] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.**

<b>Sr. No.</b>	<b>Parameters</b>	<b>Limiting concentration not to exceed in mg/l, except for pH</b>
(1)	pH	5.5-9.0
(2)	Oil & Grease	10
(3)	BOD (3 days 27 <sup>o</sup> C)	100
(4)	Sulphate	1000
(5)	Suspended Solids	100
(6)	COD	250
(7)	Chloride	600
(8)	Total Dissolved Solids	2100

- D] The treated effluent 560.00 CMD shall be disposed on land for irrigation on 75.00 hectares of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.**
- E] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server.**
- F] Trade effluent of 100.00 CMD generated from Co-gen shall be 100% recycle in process.**
- G] CREP conditions for Sugar Factory**
- i. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
  - ii. Waste water generation shall be reduced to 100 liters per tone of cane crushed.
  - iii. Industry shall achieve zero discharge into in land surface water bodies.
  - iv. 15 days' storage capacity tank shall be provided for treated effluent to take care during no demand for irrigation.
- H] Industry to make necessary arrangement to cover the effluent collection system and to avoid the ingress of Bagasse and other material.**

**I] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance activity is to be discharged after proper treatment.**

**J] The unit shall optimize water use in industrial process & maintain records.**

2) **A] As per your application, you have provided septic tank and soak pit for the treatment of 25 CMD sewage.**

**B] The applicant shall operate sewage treatment system to treat sewage so as to achieve the following standards/ prescribed under EP Act 1986 and rules made under time to time, whichever is stringent.**

1	Suspended Solids	Not to exceed	100 mg/l
2	BOD 3 days (27°C)	Not to exceed	100 mg/l

**C] The treated sewage shall be 100% reused/recycled for gardening purpose within premise. In no any case, sewage shall find its way outside Company's premises.**

3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.

4) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.

5) **CONDITIONS FOR MOLASSES STORAGE:**

(i) The molasses shall be properly collected and stored in steel tanks which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.

(ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.

(iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.

(iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.

(v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near /on the tank.

(vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".

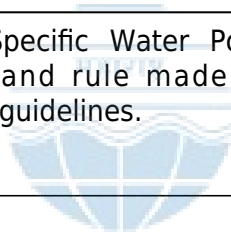
6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines if applicable.



- 7) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
- 8) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 9) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters, and other provisions as contained in the said act:

<b>Sr. No.</b>	<b>Purpose for water consumed</b>	<b>Water consumption quantity (CMD)</b>
1.	Industrial Cooling, spraying in mine pits or boiler feed	495.00
2.	Domestic purpose	40.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	700.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Landscaping	0

- 10) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.



## SCHEDULE-II

### Terms & conditions for compliance of Air Pollution Control:

- 1) As per your application, you have provided the Air pollution control (APC) system and erected following stack(s) and observe the following fuel pattern-

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	S%	SO <sub>2</sub>
1	Boiler 135 TPH	ESP	85	Bagasse	1464 MT/Day	0.20	5856.00
2	DG set 1000 KVA	Acoustic Enclosure	6.1	HSD	250 Lit/Day	1.00	120.00
3	DG set 1000 KVA	Acoustic Enclosure	6.1	HSD	250 Lit/Day	1.00	120.00

(As per previous consent of existing unit)

- 2) **The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.**

- 1 The Applicant shall provide ESP/ Bag filter/ Wet scrubber to the Bagasse fired boiler and Dust Collector to Sugar bagging section as an Air Pollution control equipments OR as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines.
- 2 The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Total Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
--------------------------	---------------	------------------------

- 3 The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
  - 4 The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
  - 5 Industry should not use auxiliary fuel more than 15 % (as per amendment in EIA Notification 2009, power plant upto 15 MW based on Bio-mass and using auxiliary fuel as coal upto 15% are exempt.) as co-gen capacity is below 15 MW.
- 3) **The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.**
- 4) **The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).**

### SCHEDULE-III

#### Details of Bank Guarantees:

Sr. No.	Consent(C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to R	2500000	15 days/To be extended	Towards O & M of pollution control systems and compliance of consent conditions	31.07.2025	30.01.2026

#### BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						





## SCHEDULE-IV

### **General Conditions:**

- 1 The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 2 The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 3 Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.
- 4 The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 5 The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- 6 The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 7 An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8 The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- 9 The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 10 The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 11 The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 12 Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
- 13 The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(M&TM) Rules 2016, which can be recycled/processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 14 Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website([www.mpcb.gov.in](http://www.mpcb.gov.in)).

- 15 Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 16 Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
17. Conditions for D.G. Set
  - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
  - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
  - f) D.G. Set shall be operated only in case of power failure.
  - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 18 The industry should not cause any nuisance in surrounding area.
- 19 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20 The applicant shall maintain good housekeeping.
- 21 The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 22 The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 23 The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 24 The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.

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**This certificate is digitally & electronically signed.**

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