



cement! sugar! refractories! power!

DBSIL/KOP/MoEF & CC / EC Comp. 25/0271/2025-26

Date: 19.06.2025

To,
The Director,
Ministry of Environment, Forest & Climate Change
Regional Office (WCZ), Ground Floor
East Wing, New Secretariat Building, Civil Lines
Nagpur-440001

Subject: Submission of Six-Monthly Compliance Report for the period from **1st October-2024 to 31st March -2025** for the below Environmental Clearance –

1. Expansion of Distillery (120 KLPD Molasses / Cane Juice/ Cane Syrup) to (250 KLPD Molasses/Cane Juice / Cane Syrup / Grain) by addition of 130 KLPD Cane Juice / Cane Syrup / Grain and Sugar Mill (9000 TCD to 12000 TCD).
2. Expansion of Molasses based Distillery from 75 KLPD to 120 KLPD using Molasses / Sugar Cane Juice/Sugar Cane Syrup.
3. Expansion of Molasses Based Distillery (60 KLPD to 75 KLPD), Sugar Mill (7500 TCD to 9000 TCD) and Co-Generation Power Plant (30 MW to 32 MW) .
4. Expansion of Sugar Mill (From 4800 TCD to 7500 TCD) and Co-Generation Power Plant (From 14.5 MW TO 30 MW) and setting up of 60 KLPD Molasses based Distillery at Village Asurle -Porle, Tal- Panhala, District Kolhapur State Maharashtra by **M/s Dalmia Bharat Sugar and Industries Ltd, Unit -Shri Datta.**

Ref.:- EC Reference -

- EC vide letter No. J -11011/305/2016-IA II (I) dated 09th May, 2024.
- EC vide letter No. J -11011/305/2016-IA II (I) dated 04th August, 2021.
- EC vide letter No. J -11011/305/2016-IA II (I) dated 10th August, 2017.
- EC vide letter No. J -11011/277/2013-IA II (I) dated 04th Feb. 2015.

Respected Sir,

This is in connection to above mentioned subject we are hereby submitting the Six-monthly compliance report of the condition of Environment Clearance for the period from **1st October-2024 to 31st March -2025** .

Dalmia Bharat Sugar and Industries Limited, Sugar Unit - Shri Datta, Asurle - Porle
Village - Asurle - Porle, Post - Porle Tarf Thane, Taluka - Panhala, District Kolhapur - 416 229, Maharashtra, India
T +91 2328 236 115 W www.dalmiasugar.com CIN: L15100TN1951PLC000640
Registered Office: Dalmiapuram, District Tiruchirappalli - 621 651, Tamil Nadu, India
A **Dalmia Bharat Group** company, www.dalmiabharat.com

1.Expansion of Distillery (120 KLPD Molasses/Cane Juice / Cane syrup) to (250 KLPD Molasses/Cane Juice / Cane Syrup / Grain) by addition of 130 KLPD Cane Juice / Cane Syrup / Grain and Sugar Mill (9000 TCD to 12000 TCD).

2.Expansion of Molasses based Distillery from 75 KLPD to 120 KLPD using molasses / Sugar Cane Juice/Sugar Cane Syrup.

3. Expansion of Molasses Based Distillery (60 KLPD to 75 KLPD), Sugar Mill (7500 TCD to 9000 TCD) and Co-Generation Power Plant (30 MW to 32 MW).

4. Expansion of Sugar Mill (From 4800 TCD to 7500 TCD) and Co-Generation Power Plant (From 14.5 MW TO 30 MW) and setting up of 60KLPD Molasses based Distillery, at Village Asurle -Porle, Tal- Panhala, District Kolhapur State Maharashtra by **M/s Dalmia Bharat Sugar and Industries Ltd, Unit -Shri Datta.**

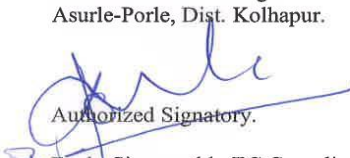
Annexure Details

1. **Annexure-01** : Copy of CTO (Air & Water).
2. **Annexure-02** : Copy of Environment Clearance.
3. **Annexure-03** : The River water lifting agreement.
4. **Annexure-04** : Health Reports.
5. **Annexure-05** : Safety Training photographs.
6. **Annexure-06** : Greenbelt Details.
7. **Annexure-07** : CSR expenditures.
8. **Annexure-08** : Photographs Continuous online (24x7) monitoring system.
9. **Annexure-09** : Test Reports.
10. **Annexure-10** : Advertisement copies.
11. **Annexure-11** : Environmental Statement reports.

Sir, requesting you to accept the soft copy report submitted for your kind information and record please.

Thanking you,

For Dalmia Bharat Sugar & Industries Ltd,
Asurle-Porle, Dist. Kolhapur.


Authorized Signatory.

Encl : Six monthly EC Compliance report for the period from 1st October 2024 to 31st March 2025.

C.C to : The Regional Officer MPCB Kolhapur.

**SIX-MONTHLY ENVIRONMENTAL COMPLIANCE
REPORT OF STIPULATED CONDITIONS OF
ENVIRONMENTAL CLEARANCE**

From October-2024 to March-2025

As per the conditions stipulated in the Environmental Clearances :

- EC vide letter No. J -11011/305/2016-IA II (I) dated 09th May 2024.
- EC vide letter No. J -11011/305/2016-IA II (I) dated 04th August 2021.
- EC vide letter No. J -11011/305/2016-IA II (I) dated 10th August 2017.
- EC vide letter No. J -11011/277/2013-IA II (I) dated 04th Feb. 2015.

For

1. Expansion of Distillery (120 KLPD Molasses/Cane Juice/Cane Syrup) to (250 KLPD Molasses/Cane Juice /Cane Syrup /Grain) by addition of 130 KLPD Cane Juice/Cane Syrup /Grain and Sugar Mill (9000 TCD to 12000 TCD).
2. Expansion of Molasses based Distillery from 75 KLPD to 120 KLPD using Molasses /Sugar Cane Juice/Sugar Cane Syrup.
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4. Expansion of Sugar Mill (From 4800 TCD to 7500 TCD) and Co-Generation Power Plant (From 14.5 MW TO 30 MW) and setting up of 60KLPD Molasses based Distillery.

Submitted By

**M/s Dalmia Bharat Sugar and Industries Ltd,
Unit -Shri Datta**

At

**Village: Asurle-Porle, Tal: Panhala,
District: Kolhapur, State: Maharashtra**

For Submission to:

**Ministry of Environment, Forest & Climate Change
Regional Office, Nagpur.**

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CHAPTER No. 01: INTRODUCTION AND PROJECT DESCRIPTION

Six monthly Environmental compliance / status report is submitted for M/s Dalmia Bharat Sugar and Industries Ltd, Unit -Shri Datta, for **October-2024 to March -2025**. The Project is located at village Asurle- Porle, Taluka Panhala, District Kolhapur, Maharashtra. Prior Environment Clearance was obtained from Ministry of Environment & Forests (MoEF&CC) vide letter file no.: **EC vide letter No. J -11011/277/2013-IA II (I) dated 04th Feb. 2015, EC vide letter No. J -11011/305/2016-IA II (I) dated 10th August, 2017, EC vide letter No. J -11011/305/2016-IA II (I) dated 04th August, 2021 & EC vide letter No. J -11011/305/2016-IA II (I) dated 09th May, 2024.**

Consolidated Consent to Operate and Authorisation for Air & Water has obtained for the Distillery Plant Vide Ref No. **RED/L.S.I (R60) No:- Format1.0/CAC/UAN No. MPCB-CONSENT- 0000144104/CR/2211000824, dated 11/11/2022** for validity up to **31/08/2025**. Copy of CTO is attached here as **Annexure-1**.

Consolidated Consent to Operate and Authorisation for Air & Water has obtained for the Sugar and Cogen Plant Vide Ref No. **Format 1.0/CAC/UAN No. MPCB CONSENT-0000174240/CR/2312000887, dated 08/12/2022** for validity up to **31.07.2026**. Copy of CTO is attached here as **Annexure-1**.

Current capacity of Distillery unit is 120 KLD & Current capacity of Sugar unit 9000 TCD & Co-gen unit 32 MW.

Construction work yet not started against the EC vide letter No. J -11011/305/2016-IA II (I) dated 09th May, 2024.

Specific and general conditions stipulated in Environment Clearance have been complied during construction and post construction phases.

Environmental mitigation measures described in Environmental Management Plan are being implemented operation phase. **M/s Dalmia Bharat Sugar and Industries Limited Unit-Shri Datta** management team is fully conscious about Environmental Management and enhancing green belt development in project surrounding area.

Six monthly compliance/status reports for **October-2024 to March-2025** for conditions stipulated in the Environmental Clearance letter issued by MoEF&CC is enclosed as **Annexure-2**. Photographs view of implemented mitigation measures are also attached for the ready reference as Photo Documentation.

CHAPTER No. 02: COMPLIANCE OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE.

Name of the Project: M/s Dalmia Bharat Sugar and Industries Limited – Unit -Shri Datta at Village: Asurle-Porle, Tehsil: Panhala, District: Kolhapur, State: Maharashtra

Clearance Letter No.

- EC vide letter No. J -11011/305/2016-IA II (I) dated 09th May, 2024.
- EC vide letter No. J -11011/305/2016-IA II (I) dated 04th August, 2021.
- EC vide letter No. J -11011/305/2016-IA II (I) dated 10th August, 2017.
- EC vide letter No. J -11011/277/2013-IA II (I) dated 04th Feb. 2015.

Period of Compliance Report: October-2024 to March-2025.

I. Expansion of Distillery (120 KLPD Molasses/Cane juice/Cane syrup) to (250 KLPD Molasses/Cane juice/Cane syrup/Grain) by addition of 130 KLPD Cane juice/Cane syrup/Grain and Sugar Mill (9000 TCD to 12000 TCD) at Village Asurle-Porle, Tehsil Panhala, District Kolhapur, Maharashtra by M/s. Dalmia Bharat Sugar and Industries Limited, Unit- Shri Datta Asurle -Porle Consideration of Environment Clearance reg.

Sr. No	EC Conditions	Compliance status
1.1	As per the Notification S.O. 2339(E), dated 16 th June, 2021, project falls in category B2 and the proposed expansion capacity of 175 KLPD & 3000 TCD shall only be used for fuel ethanol manufacturing as per self-certification in form of a notarized affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	Noted and agreed for compliances.
1.2	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of Environmental management, and Risk mitigation measures relating to the project shall be implemented (Annexure III).	Noted and agreed for compliances.
1.3	EC granted for a project on the basis of the submitted documents shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of project. Conversion of land use (CLU) certificate shall be obtained before start of construction activities.	Noted and agreed for compliances.
1.4	NOC from the Concerned Local authority shall be obtained before start of the construction of plant and drawing water from ground water. State Pollution Control Board shall not	Noted and agreed for compliances.

	issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.	
1.5	Total Fresh water requirement shall not exceed 644 KLD during season 1220 KLD during off season which shall be met from Kasari river. During the Sugar crushing Season, entire treated water from the Sugar unit shall be utilized in the Distillery, reducing the fresh water demand to zero. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.	Noted and agreed for compliances.
1.6	Spent Wash/stillage shall be sent to the decanter followed by the Multiple Effect Evaporator and dryer to form DDGS. DDGS to be used as cattle feed. The MEE & Drier condensate, spent lees, WTP Rejects, Boiler & Cooling tower blowdowns, washings etc. shall be treated in the 'Condensate Polishing Unit' (CPU). STP shall be installed to treat domestic wastewater. The plant will be based on 'Zero Liquid Discharge' system and no effluent/treated water will be discharged outside factory premises.	Noted and agreed for compliances.
1.7	The spent wash form molasses-based distillery shall be concentrated in MEE and concentrated spent wash shall be incinerated in the incineration boiler. Other lean effluents Spent lees, MEE Condensates and utility effluents shall be treated in the condensate polishing unit (CPU) comprising of three stage RO. No wastewater or treated water from integrated unit of sugar mill and distillery shall be discharged outside the premises and Zero Liquid Discharge shall be maintained for all the units namely sugar, Distillery and Cogen Power Plant. STP shall be installed to treat sewage generated from factory premises.	Noted and agreed for compliances.
1.8	Adequate numbers of ground water quality monitoring stations by providing piezometers around the project area shall be set up. Sampling and trend analysis monitoring must be conducted on monthly basis and report submitted to SPCB and RO, MOEFCC. The ground water quality monitoring for pH, BOD, COD, Chloride, Sulphate and Total Dissolve Solids shall be monitored and report submitted to the Ministry's Regional Office.	Noted and agreed for compliances.
1.9	APCE ESP with stack of heights 75 m, 75 m, 62 m respectively is installed with the existing boilers of 40 TPH and 120 TPH Bagasse & Coal fired Boilers (Sugar mill) and 26 TPH slop, Bagasse and coal fired boiler (Distillery) for controlling the particulate matter emissions within the statutory limit of 50 mg/Nm ³ . SO ₂ and NO _x emissions shall be less than 100 mg/Nm ³ . The APCD's installed with all the 03 Boilers shall be upgraded /retrofitted before 31 st December, 2025 to meet the particulate matter	Noted and agreed for compliances.

	emission norms of 30 mg/Nm ³ At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.	
1.10	Boiler ash (54 TPD) shall be utilized in in-house brick manufacturing facility and balance given to brick manufacturers / cement manufacturing units. PP shall install 15% of the total power requirement from solar power by generating power inside plant premises/adjacent/nearby areas.	Noted and agreed for compliances.
1.11	CO ₂ (193 TPD) generated during the fermentation process will be collected by utilizing CO ₂ scrubbers and sold to authorized vendors/collected in bottling plant.	Noted and agreed for compliances.
1.12	PP shall allocate Rs. 50 Lakhs for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	Noted and agreed for compliances.
1.13	Training shall be imparted to all employees on Safety and Health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Complied.
1.14	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained. Location of ethanol storage tanks shall be placed in such a way that in the event of any fire, accident, explosion or any unforeseen conditions the impact of such event should not go beyond the boundary of the plant i.e. the risk should be tolerable (acceptable) at the boundary.	Noted and agreed for compliances.
1.15	Company shall maintain an Emergency Response Decision support system in such a way so that identification of the detector's network for the location of the leak source and the probable leaked quantity in real-time, followed by modelling of the dispersion of the plume and consequences as forecast is done in advance and thus, no leak accident may go unattended. Accordingly, Risk Mitigation plan shall be in place.	Noted and agreed for compliances.
1.16	Company shall determine the distance of fire hydrant while finalizing its location from ethanol storage tanks or any other hazardous storage substance shall be based on dispersion of Thermal Radiation so that during any unforeseen situation fire hydrant is always available to operate manually.	Noted and agreed for compliances.

1.17	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF. Sludge drying beds wherever proposed shall be replaced with filter press.	Noted and agreed for compliances.
1.18	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce waste water generation.	Noted and agreed for compliances.
1.19	Total Green belt after expansion shall be 11.67 Ha i.e., 33 %of Total plant area with tree density @2500 trees per Hectare, mainly along the plant periphery .Indigenous species shall only be planted as part of greenbelt and non-indigenous / alien species shall be replaced with native species. No invasive or alien or non-native tree species shall be selected for plantation. PP shall develop at least 20 variety of species as a part of greenbelt. Saplings 4-6 feet high shall be planted. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before commissioning of the plant.	Noted and agreed for compliances.
1.20	PP proposed to allocate Rs. 2.25 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan (Annexure –IV). Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.	Noted and agreed for compliances.
1.21	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. Out of the total project area 18% shall be allotted solely for parking purposes with facilities like rest rooms etc. PP shall strengthen and maintain the road connecting the plant and highway. PP shall adhere to the traffic management plan submitted, while ensuring no parking of vehicles on village roads and creating chaos.	Noted and agreed for compliances.
1.22	Storage of Raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System	Noted and agreed for compliances.

	shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.	
1.23	Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises. Industry shall monitor the ambient air quality as specified in NAAQS 2009 and following CPCB guidelines at 4 different locations outside the project site in and around Asurle- Porle village.	Noted and agreed for compliances.
1.24	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director/CEO as per company hierarchy.	Complied
1.25	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12 th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	Noted and agreed for compliances.

Standard EC Conditions for (Distilleries)

1. General Conditions:

Sr. No	EC Conditions	Compliance status
1.1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted and agreed for compliances.
1.2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Noted and agreed for compliances.
1.3	The overall noise levels in and around the plant 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 levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Noted and agreed for compliances.
1.4	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Noted and agreed for compliances.
1.5	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Noted and agreed for compliances.
1.6	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Complied.
1.7	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental	Noted and agreed for compliances.

	Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	
1.8	The Environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.	Complied.
1.9	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied. Accorded EC letter advertisement copy is attached as Annexure No.10
1.10	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted
1.11	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	Noted

II. Compliance Status of Environmental Clearance No. J-11011/305/2016-I A II (I) Dated 04.08.2021 for Expansion of Molasses based Distillery from 75 KLPD to 120 KLPD using molasses. /Sugar Cane Juice / Sugar Cane Syrup.

Sr. No	Specific Conditions	Compliance Status
i	The capacity additional under the instant EC i.e 45 KLPD shall be utilized fully for contributing to Ethanol Blending Programme (EBP).	Complied.
ii	The company shall also comply with all the Environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA / EMP in respect of Environmental management, Risk mitigation measures and public hearing relating to the project shall be implemented.	Complied. <ul style="list-style-type: none"> ● All the Environmental protection measures and safeguards proposed in the documents submitted to the Ministry are implemented. ● All the recommendations made in the EIA / EMP in respect of Environmental management, Risk mitigation measures and public hearing relating to the project have been implemented.
iii	The Project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises	Complied The plant is completely based on Zero Liquid Discharge system (ZLD). All the effluent generated in the plant is treated and reused in process. No discharge of any waste or treated water outside the plant premise is ensured.
iv	Total fresh water requirement after expansions will be reduced to 1140 KLPD during season and 974 KLPD during off season which will be meet from Kasari river. Prior permissions shall be obtained from the concern regulatory authority / CGWA in this regard and renewed from time to time . No ground water recharge shall be permitted within the premises. Rain water shall be collected in storage ponds and utilized for plant activities. Ground water monitoring shall be regularly and report is to be submitted to concerned authorities regularly.	Complied. No additional fresh water is required for the expansion. As per the EC condition water extraction is restricted to 1140 KLPD during season and 974 KLPD during off season which is meet from Kasari River. Prior permissions is obtained from the concern regulatory authority I.e. Irrigation Dept. Govt. of Maharashtra and renewed from timeto time. The River water lifting agreement copy have been attached as Annexure No. 3.
v	The spent wash / other concentrated shall be incinerated. Ash shall be utilized within plant premises in brick manufacturing plant.	Complied. The spent wash / other concentrated effluent is incinerated in Incineration Boiler. Ash is utilized within plant premises for Brick manufacturing.
vi	CO2 generated from the process shall be bottled /made solid ice and utilized/sold to authorized vendors	Noted for compliance.

vii	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Complied. Company regularly conducts Occupational Health surveillance programme once in year for all the employees & First Aid facilities in the occupational health center is strengthened with proper record. Records are being maintained at the plant. Sample Health checkup reports have been attached as Annexure No 4.
viii	Training shall be imparted to all employees on Safety and Health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. Training is imparted to all employees on Safety and Health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals is imparted. Safety Training photographs are attached as Annexure 5.
ix	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Complied. Full-fledged firefighting system is installed to cover complete Distillery, Sugar & Co-generation power plant.
x	Process organic residue and spent carbon, if any shall be sent to Cement or other suitable industries for its incineration .ETP sludge, process inorganic & evaporation salts shall be disposed of to the TSDF.	Agreed for Compliance.
xi	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high-pressure hoses for equipment clearing to reduce waste water generation.	Complied Complied

xii	The green belt of at least 5- 10 Mtrs width shall be developed in nearly 33% of the total project area, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Records of tree canopy shall be monitored through remote sensing map.	<p>Complied.</p> <p>The company maintains 10 Mtrs. wide greenbelt of perennial trees around periphery of the plant. Photographs showing latest and old Greenbelt development has been attached as Annexure No 6.</p> <p>Out of the total plant area of 34.9 Ha, 11.69 Ha (i.e.33%) has already been developed as Greenbelt/plantation. Greenbelt developed and its maintenance along with the road & plant boundary will attenuate Noise level, arrest dust level and improve the environment in surrounding. Native plant species has been planted in consultation with DFO.</p>
xiii	As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the Socio- Economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall be completed within time as proposed.	<p>Complied</p> <p>A plan is carried out in consultation with local bodies to understand the local needs and accordingly CSR expenditures are attached as Annexure 07 .</p> <p>Total expenditure from October-2024 to March-2025 is Rs 72,20,500 /-</p> <p>The Photographs of CSR Activity have been attached as Annexure No 7.</p>
xiv	There shall be 20% parking space out of total area of plant site which shall be earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.	<p>Complied</p> <p>Dedicated parking facility has already been provided in the factory premises for Raw material and finished products loading & unloading of materials and first in and first out system is ensured by the way of digitization. No parking to be allowed outside on public places.</p>
xv	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	<p>Complied</p> <p>Storage of finished goods in covered sheds to prevent dust pollution and other fugitive emissions.</p>

xvi	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. for online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	Complied Continuous Online (24 x7) Monitoring System for all Stacks (03 Nos) and ETP has been already installed, commissioned and connected to the MPCB & CPCB Server by the company. The photographs of the Continuous Online (24 x7) Monitoring System have been incorporated as Annexure No-08.
xvii	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. We have established the separate Environmental Management Cell with qualified persons in Environmental Science / Environmental Engineering / specialization. Also ETP Lab with well-equipped and full-fledged laboratory facilities is set up to carry out the Environmental Management and Monitoring functions.
B	General Condition:	
Sr. No	EC Conditions	Compliance status
i	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed for compliance. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests and Climate Change.
ii	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	Complied
iii	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. to all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment	Acoustic enclosures have been provided to equipment's. Noise level monitoring during day and night time is carried out and which is within the limit. The Noise monitoring report is attached as Annexure No.09.

	(Protection) Act, 1986 Rules, 1989 viz. 75 dBA (Day time) and 70 dBA (Night time).	
iv	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco- developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<p>Agreed for compliance.</p> <p>2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on need assessment of the nearby villages.</p> <p><input type="checkbox"/> Socio-economic development activities being carried out by the company along with the expenditure incurred as Annexure No-07.</p> <p>Expenditures on CSR/ESC activities during the period October-2024 to March-2025 is Rs 72,20,500 /-</p> <p>The Photographs are Attached as Annexure No 07 .</p>
v	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	<p>Complied.</p> <p>The funds earmarked for Environmental protection measures are kept in a separate account and never spend on other purposes.</p>
vi	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Complied
vii	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.	<p>Complied</p> <p>We have already published the accordance of Environmental Clearance in Three local newspapers. Times Of India in English and Daily Sakal & Daily Lokemat “in Marathi on dated 18.08.2021 .The advertisement copies are attached as Annexure No– 10.</p>

viii	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF &CC by e-mail.	Complied We are submitting regularly Six-monthly compliance reports along with monitoring results to the concerned authorities, and same will also be posted on the website of the company.
ix	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/ . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Complied A copy of the clearance letter to concerned Panchayat, Zila Parishad / Municipal corporation Urban Local Body & the local NGO has been submitted. We have already published the accordance of Environmental Clearance in Three local newspapers. Times Of India in English and Daily Sakal & Daily Lokemat “in Marathi on dated 18.06.2021 .The advertisement copies are attached as Annexure – 10.
x	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied We have submitting the Environmental Statement Form-V report for each financial year on 31st March, to the Maharashtra Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. The Environmental Statement reports of Sugar and Cogen Plant and Distillery plant are enclosed as Annexure No– 11.
xi	This Environmental clearance is granted subject to final outcome of Honorable Supreme Court of India, Honorable High Court, Honorable NGT and any other Court of Law, if any, as may be applicable to this project.	Noted & Agreed for compliance.
20	The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, of implementation of any of the above conditions is not found satisfactory.	Noted & Agreed for compliance.

21	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted & Agreed for compliance.
22	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted & Agreed for compliance.
23	The above conditions will be enforced, inter-alga under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air Prevention & Control of Pollution) Act, 1981, the Environment(Protection) Act, 1986, The Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	Noted & Agreed for compliance.
24	This issues with the approval of competent authority.	Noted.

III. Compliance status of Environmental Clearance No. J-11011/305/2016-IA II (I) dated 10th August 2017 of expansion of Molasses based Distillery (60 KLPD to 75 LPD), Sugar Mill (7500 TCD to 9000 TCD) and Co-Generation Power Plant (30 MW to 32 MW).

Sr. No	Specific Conditions	Compliance Status
i	All the conditions of the existing Environmental Clearance shall be followed	Complied.
ii	10-Meter-wide green belt of perennial trees around periphery of the plant shall be provided.	Complied. We have maintained 10 Meters wide greenbelt of perennial trees around the periphery of the plant. Photographs showing latest and old greenbelt development are attached as Annexure No 6.
iii	Green belt shall be developed in 33 % i.e., 11.53 Ha out of 34.9 Ha of area of the project.	Complied. Greenbelt has already been developed in 33% of the total project area and same has been maintained.
iv	No additional fresh water shall be used for proposed expansion.	Complied No additional fresh water is used for the expansion.
v	No additional steam shall be used for proposed expansion.	Complied. No additional steam is used for the expansion in distillery unit (60 KLPD to 75 KLPD).
vi	At least 2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) and shall be used only for installation of RO plant for drinking water supply and solar panel in nearby villages. Implementation of such program shall be ensured accordingly in a time bound manner. Following activities shall be under taken under ESC activities	2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on need assessment of the nearby villages. ● Socio- Economic development activities being carried out by the company along with the expenditure incurred attached as Annexure-07. □ Expenditures on ESC activities during the period October-2024 to March-2025 is Rs 72,20,500/- . The Photographs are Attached as Annexure-No.07
vii	RO plants shall be installed in nearby villages to ensure safe drinking water availability. The expenditure on maintenance on these RO plants will be owned by the Project proponent.	Complied. RO plants are installed and working in nearby villages to ensure safe drinking water availability. The photographs of the RO Plant is attached as Annexure No.07.
a	5000 trees/ year shall be planted in nearby villages with the consultation of the villagers. Survival rate of plants shall be reported to RO, MoEF &CC in 6 monthly compliance reports.	Complied. 5000 trees per year have been planted In nearby villages with the consultation of the villagers. The survival rate is 66 %.

b	A regular Environment Manager having post graduate qualification in Environmental Sciences/ Environmental Engineering shall be appointed for looking after the Environmental Management activities of the proposed plant.	Complied Environment Manager is appointed for looking after the Environmental Management activities of the plant.
viii	No effluent shall be discharge outside the plant premises.	Complied. The plant is completely based on Zero Effluent Discharge system. No discharge outside the plant premise is ensured.
ix	Continuous online (24x7) monitoring shall be installed for flow measurement and measurement of pollutants within the treatment unit. Data shall be uploaded on company's website and provided to the respective RO of MEF&CC, CPCB and SPCB.	Complied. Continuous Online Monitoring System has been already installed, commissioned to ETP and all Stacks. The Online data is connected to the MPCB & CPCB Server by the company. The photographs of the same have been incorporated as Annexure No-08.
x	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	Complied. As a part of Risk Assessment & Management, the unit has made arrangements for protection of possible Fire hazards. Firefighting / fire Hydrant system is installed and in operation as per the norms.
xi	Occupational Health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Occupational Health surveillance of the workers is conducted on a regular basis and records are maintained as per the Factories Act. Sample Health checkup report is attached as Annexure No -04
B	General Condition	
Sr. No	Specific Conditions	Compliance Status
i	The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and any other statutory authority.	Agreed for Compliance. Strict adherence to the stipulations made by the Maharashtra Pollution Control Board and State Government.
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed for compliance. No further expansion or modifications should be carried out in the plant without prior approval of the Ministry of Environment and Forest and Climate & Change.
iii	The locations of Ambient Air Quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be	The locations of Ambient Air Quality monitoring stations have been decided in consultation with the MPCB officer & monitoring is being done regularly by MPCB

	ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	As per Monitoring data the Air Quality levels found to be within prescribed limits. AAQM monitoring reports are attached as Annexure No. 09
iv	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Agreed and Completed AAQM monitoring reports are attached as Annexure No. 09
v	The overall noise levels in and around the plant 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 levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Complied. Acoustic enclosures have been provided. Noise level monitoring during day and night time was carried out and the reports have been attached as Annexure No 09 .
vi	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Complied. Rain water from the roof tops of the buildings is being stored in storage tank and the same water is used for the process activities of the plant to conserve fresh water.
vii	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. We have periodically arranged the trainings to all employees on Safety & Health aspects like Chemical handling, use of PPEs etc. The safety implementing under the supervision of Safety department and safety Committee. The Safety Trainings photographs are attached as Annexure No 05 . We have conducted the periodical medical examination of all employees is carried out . Employee Health reports are attached as Annexure No.04 .
viii	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Complied <ul style="list-style-type: none"> ● ESP has been provided for all the Stack of Sugar Co-gen plant and Distillery Incineration Boiler. ● MEE has been provided for reducing the spent wash quantity at Distillery. ● We have provided Effluent Treatment Plant and Condensate Polishing Unit with Online Monitoring System connectivity to CPCB & MPCB Server. ● Green belt has been developed in and around the plant . ● Water sprinkle system has been provided for controlling the fugitive emissions.

		<ul style="list-style-type: none"> ● Air Cooled condensers have been provided for reducing the water requirement. ● Regular Environmental quality monitoring is being done.
ix	The company shall undertake all relevant measures for improving the Socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	<p>Complied</p> <p>□ Expenditures on ESC activities during the period October-2024 to March-2025 is Rs 72,20,500/- The Photographs are Attached as Annexure No 07.</p>
x	The company shall undertake eco developmental measures including community welfare measures in the project area for the overall improvement of the environment.	<ul style="list-style-type: none"> ● Plantation in nearby villages to be undertaken under eco-development measures. ● Rainwater harvesting programme is implemented in nearby villages.
xi	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	<p>Complied.</p> <p>Separate Environmental Management Cell equipped with full-fledged laboratory facilities to carry out the Environmental Management & Monitoring functions has been set up.</p>
xii	The company shall earmark sufficient funds towards capital cost and recurring cost per Annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	<p>Complied.</p> <p>The funds earmarked for Environmental protection measures are kept in a separate account and never spend on other purposes.</p>
xiii	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	A copy of the clearance letter to concerned Panchayat, Zila Parishad / Municipal corporation Urban Local Body & the local NGO has been submitted.
xiv	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and Six- monthly compliance status report shall be posted on the website of the company.	<p>Complied.</p> <p>We have submitted regularly Six-monthly compliance reports along with monitoring results to the concerned authorities, and same will also be posted on the website of the company.</p>

xv	The Environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF &CC by e- mail.	Complied. We have submitted the Environmental Statement report for each financial year on 31 st March in Form-V to the Maharashtra Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. The Sugar Mill & Distillery Environmental Statement reports are enclosed as Annexure No. 11.
xvi	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.	Complied. We have already published the accordance of Environmental Clearance in two local newspapers. Maharashtra Times on dated 03.09.2017 and Punyanagari on dated 04.09.2017 Newspaper copies are attached as Annexure No 10.
xvii	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied. We are submitting the Environmental Statement report for each financial year on 31st March, Form-V to the Maharashtra Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. Sugar with Cogen & Distillery Environmental Statement reports are enclosed as Annexure – 11.
11	The Ministry revoke or suspend the clearances, if implementation of any of the above condition is not satisfactory	Noted and agreed for the same.
12	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions	Noted and agreed for the same
13	The above conditions will be enforced, inter-alga under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air Prevention & Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986, The Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	Noted and agreed for the same

IV. Compliance status of Environmental Clearance No. J -11011/277/2013-IA II (I) dated 04th February, 2015 for Expansion of Sugar Mill (From 4800 TCD to 7500 TCD) and Co-Generation Power Plant (From 14.5 MW TO 30 MW) and setting up of 60 KLPD Molasses based Distillery.

SPECIFIC CONDITIONS

Sr. No.	EC Conditions	Compliance status
1	Environment Clearance accorded is for Molasses based Distillery unit (60 KLPD) and no grain-based distillery unit shall be operated without prior permission from the ministry.	Complied. No Grain based distillery unit is installed.
2	Bag filter / ESP along with stack of adequate height shall be provided to Bagasse fired boiler to control particulate emissions within 50 mg/NM3. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be started until the control measures are rectified to achieve the desired efficiency.	Complied. ESP is installed to each Stack along with the adequate Stack height and ensured Particulate emissions are within the limit of 50 mg / Nm3. Pollution control systems are interlocked with production process. <ul style="list-style-type: none"> • Latest Stacks monitoring results are enclosed as Annexure No.– 09 • Continuous Online Monitoring System for Stack emissions has already been installed by the company. The Online data is connected to the MPCB & CPCB Server by the company. The photographs of the same have been incorporated as Annexure 08.
iii	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling and conveyance of chemicals/ materials, multi cyclone separator & water sprinkling system. Dust suppression system including watersprinkling system shall be provided at loading and unloading areas to control dust emissions. Fugitive emissions in the work zone environment, product, raw material storage area, etc. shall be regularly monitored and records shall be maintained. The emissions shall conform to the limits imposed by Maharashtra Pollution Control Board (MPCB.)	Complied <ul style="list-style-type: none"> • Provided necessary control measures for checking fugitive emissions from all the vulnerable sources like: • Water sprinkling system at Bagasse & Coal yard. • Water Tankers are used for Water spray for dust suppression. • Covered conveyors for transporting Bagasse and for Coal storage. Storage of finished goods in covered sheds. Fugitive emissions are being monitored at Bagasse yard, Distillation House, Cane yard & Sugar Godown. As per monitoring data the emission levels found to be within prescribed limits. Water sprinkling systems, Closed Storage, covered fuel handling System is in place.

iv	The gaseous emissions from D.G set shall be dispersed through adequate stack height as per CPCB guidelines. Acoustic enclosure shall be provided to the D.G. sets to mitigate the noise pollution.	Complied. D.G. Set is used for rare emergency purpose only. DG set is installed with adequate stack height as per CPCB guidelines. Acoustic enclosure has also been provided to DG set.
v	The Company shall upload the status of compliance of the stipulated environmental clearance, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the regional office of MoEF &CC. The respective Zonal office of CPCB and the MPCB. The levels of PM10, PM2.5, SO2, NOx, CO, HC (Methane) in ambient air shall be monitored and displayed at a convenient location near the main gate and at important public places.	Complied We uploaded on regular basis the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data on our website. The Ambient Air Quality monitoring for PM 2.5, PM10, SO2, NOX, VOC, HC (Methane) & CO has been carried out at four locations within the plant. AAQM Monitoring results are enclosed as Annexure No. 09 . Air quality levels displayed at main gate of the company.
vi	Company shall follow good management practices viz collection of waste yeast sludge from fermentation section in a closed system & proper disposal, reduced volume of effluent by adopting strategic approaches, closed drains carrying Spent Wash to the treatment units, minimization of fugitive emissions, anaerobic treatment, minimum retention treated & untreated Spent Wash in the lagoons, and greenbelt development with suitable plantation in & around the treatment units to mitigate odor from the distillery unit.	Complied <ul style="list-style-type: none"> Waste sludge and spent wash are transported through closed pipelines. Anaerobic treatment is not required due to incineration route is adopted. Spent wash is being concentrated in MEE and incinerated in Incineration Boiler. Spent lees and condensate water after treatment in CPU is being recycled back in the process. Concentrated spent wash used directly into the boiler as fuel with minimum retention time. We have developed and maintained 33% Green belt in and around the plant boundary and it helps in reducing the Odour, Noise level, arresting dust and improves the environment in surrounding.
vii	Pucca approach road to site shall be constructed prior to commencing constructing activity of main distillery to avoid fugitive emissions	Complied.
viii	Total fresh water requirement from Kasari river for Distillery and Sugar Unit along with Co- generation shall not be exceed 1250 m ³ /day. Prior permission for the	Complied. We have recycled back our CPU and ETP treated water in the process hence fresh water consumption is reduced by 35%.

	drawl of 1250 m ³ /day water shall be obtained from the competent authority and submitted to the MoEF & CC Regional office.	
ix	Spent Wash generation for Molasses shall not exceed 8 KL/KL of alcohol produced (i.e 480 m ³ per day). The spent wash from molasses-based distillery should be concentrated in MEE followed by incineration in incineration boiler to achieve Zero Discharge. Spent lease and condensate water after treatment will be recycled back in process. Spent wash shall be stored in impervious pucca lagoons with proper lining HDPE and shall be kept in proper condition to prevent groundwater pollution in the storage of spent wash shall not exceed 5 days capacity.	<p>Complied.</p> <p>Spent wash generation from molasses has not exceeded 8 KL / KL of Alcohol production.</p> <p>The spent wash from molasses-based distillery is being concentrated in MEE and incinerated in Incineration Boiler. Spent lease and condensate water after treatment is being recycled back in to the process and makeup water for cooling towers.</p> <p>No effluent is being / will be discharged outside the distillery plant premises and Zero Effluent Discharge condition is being followed.</p> <p>Impervious RCC lagoon with HDPE lining has been provided, having spent wash storage capacity not more than 5 days.</p>
x	Waste water generation from the sugar unit shall not exceed 100 liters per tonne of cane crushed i.e. 750 m ³ /day. Effluent from sugar unit shall be treated in the effluent treatment plant (ETP). Water quality of treated effluent shall be monitored regularly. In any case, no waste water/treated effluent shall be discharge into river/natural stream. Domestic effluent shall be treated in treatment plant.	<p>Complied</p> <ol style="list-style-type: none"> 1. Waste water generation from the Sugar unit is not exceed 100 lit per Ton of crushed. All the Effluent from Sugar Unit & Co-generation Power Plant is treated in ETP and treated effluent water is recycled / reused in the process, greenbelt development and Irrigation purpose. Treated effluent quality Monitoring results are enclosed as Annexure 09. 2. Online monitoring system for Water quality of treated effluent has already been installed and data is connected to MPCB & CPCB Server. 3. ETP Flow chart and Photographs of Online monitoring system & ETP has been attached as Annexure No-08. 4. As per the monitoring carried out by MPCB treated effluent quality found to be within the limits prescribed in consent granted by MPCB. 5. Domestic Effluent is being treated in Septic tank & Soak pits and reused for gardening. No no waste water/ treated effluent shall

		bedischarged into river/ natural stream.
xi	Adequate numbers of groundwater quality monitoring stations by providing Piezometer around the project area shall be setup. Sampling and trend analysis monitoring must be made on monthly basis and report submitted to SPCB and this ministry. The groundwater quality monitoring for pH, COD, chloride, sulphate and total dissolved solids (TDS) shall be monitored. Sampling and trend analysis monitoring must be made in monthly basis and report submitted to the ministry's Regional office in Bhopal /Nagpur and MPCB.	<p>Complied</p> <p>No ground water withdrawal in the plant premises.</p> <ul style="list-style-type: none"> • Installation of modern integrated Evaporation (MEE) system followed by Incinerator Boiler to consume all generated spent wash. Hence no spillage is ensured. • Construction of pucca RCC lagoon in sugar plant for avoiding any spillage. <p>Ground water analysis report of Well water sample collected nearby the plant is attached as Annexure No 09.</p>
xii	As proposed, no effluent from Sugar, Distillery and Co-generation Power Plant shall be discharged outside the premises and Zero Effluent Discharge concept shall be followed.	<p>Complied.</p> <ul style="list-style-type: none"> ● Treated effluent from Sugar Plant is used in process, irrigation and green belt development. ● Treated effluent from Co- generation Power Plant is being recycled into the process. <p>No effluent is being discharge from Distillery. No effluent is being / will be discharged outside the plant premises and Zero Effluent discharge condition is being followed.</p>
xiii	Bagasse storage should be done in such a way that it does not get air borne or fly around due to wind. Fly ash shall be stored separately as per CPCB guidelines so that it shall not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water direct exposure of workers to fly ash & dust shall be avoided.	<p>Complied.</p> <ul style="list-style-type: none"> • Sugar Plant is a seasonal industry and does not operate in rainy season. • Storage of Bagasse is maintained scientifically with the adoption of water sprinkling system along with covered conveying system. • Fly Ash is being stored separately as per CPCB guidelines. • Ash from the Boiler is utilized in in-house for Brick manufacturing facility and balance given to the Brick manufacturers.
xiv	Firefighting system shall be as per the norms and cover all areas where alcohol is produced, handled and stored. Provision of foam system for the firefighting shall be	<p>Complied.</p> <p>Full-fledged firefighting / Fire Hydrant system is installed to cover complete</p>

	made to control fire from the alcohol storage tank.	Distillery, Sugar & Co-generation power plant.
xv	Risk assessment shall be carried to assess the fire and explosion risk due to storage of alcohol and report submitted to ministry and its regional office at Bhopal within 6 months.	Complied. The company has already taken measures towards Alcohol storage and drawing is approved from Petroleum and Explosive Safety organization.
xvi	Occupational health surveillance program should be undertaken as regular exercise for all the employee. The first aid facility in the occupational health Centre should be strengthened and the regular medical test records of each employee should be maintained separately.	Complied. Company regularly conducts Occupational Health surveillance programme once in year for all the employees. First Aid facilities in the Occupational Health centre is available with trained manpower. Medical records are being maintained at the plant. Sample Health reports have been Attached as Annexure N0.-04.
xvii	Dedicated parking facility for loading and unloading of material shall be provided in the factory premises. Unit shall develop and implement good traffic management system for their incoming and outgoing vehicles to avoid congestion on the public road.	Complied. Dedicated parking facility has already provided in the factory premises for loading & unloading of materials. The first IN and first OUT system is ensured by the way of digitization
xviii	Green belt over 33% of the total project area should be developed within plant premises with at least 10 m wide green belt on all sides along the periphery of the project area, in downward direction, along roadsides etc. selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Complied Out of the total plant area of 34.9 Ha, 11.53 Ha (i.e. 33%) has already been developed as Greenbelt/ plantation. Greenbelt developed and its maintenance along with the road & plant boundary will attenuate Noise level, arrest dust level and improve the environment in surrounding. Native plant species has been planted in consultation with DFO. Photographs has been attached as Annexure No 06.
xix	All the commitment made the during the public hearing/ public consultation meeting held on 30 th July 2014 should be satisfactorily implemented and adequate budget provision should be made accordingly.	Complied
xx	At least 5% of the total cost of the project should be year marked towards the Enterprise social commitment (ESC) based on local need and action planes with financial and physical breakup/	Complied 5 % of the total cost of the project is earmarked towards the Enterprise Social Commitment (ESC) based on need assessment of the nearby villages.

	details should be prepared and submitted to the ministry's regional office at Bhopal. Implementation of such program should be insured accordingly in a time bound manner.	<ul style="list-style-type: none"> ● Socio- Economic development activities being carried out by the company along with the expenditure incurred attached as Annexure No 07. ● Expenditures on ESC activities during the period 1st April 2024 to 30th September 2024 is Rs 72,20,500/-. The Photographs are Attached as Annexure-No 07 .
xxi	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure & facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plants, safe drinking water, medical health care, etc. The housing may be in the form of temporary structure to be removed after completion of the project. All the construction waste shall be managed so that there is no impact on the surrounding environment.	Completed. Construction work is over.

GENERAL CONDITIONS

Sr. No	EC Conditions	Compliance status
i	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board (MPCB), State Government and any other statutory authority.	Agreed for Compliance. Strict adherence to the stipulations made by the Maharashtra Pollution Control Board and State Government.
ii	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Agreed for compliance. No further expansion or modifications should be carried out in the plant without prior approval of the Ministry of Environment and Forest and Climate & Change.
iii	The locations of Ambient Air Quality monitoring stations shall be decided in consultation with MPCB and it shall be ensured that at least one station each is installed in the upwind and downwind direction as well as where maximum ground level concentrations	The locations of Ambient Air Quality monitoring stations have been decided in consultation with the MPCB officer & monitoring is being done regularly by MPCB. As per Monitoring data the Air Quality

	are anticipated.	levels found to be within prescribed limits. AAQM monitoring reports are attached as Annexure No. 09
iv	The overall noise levels in and around the plant 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 levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Acoustic enclosures have been provided. Noise level monitoring during day and night time was carried out and the reports have been attached as Annexure No 09 .
v	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Complied. Rain water from the roof tops of the buildings and stormwater drains is being stored in storage tanks and the same water is used for the process activities of the plant to conserve fresh water.
vi.	During transfer of material, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	Condition noted.
vii.	Usage of Personnel Protection Equipment's by all employees/Workers shall be ensured.	Complied.
viii	Training shall be imparted to all employees on safety and health aspects of chemicals handling-employment and routine periodical medical examinations for all employees shall undertake on regular basis. Training to all employees on handling of chemicals shall be imparted.	Completed Periodically training to all employees on Safety & Health aspects is given. The safety implementing under the supervision of Safety department and safety Committee. The photographs are attached as Annexure No. 05 .
ix	The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Completed ESP has been provided for the stack of Co-gen plant and Incineration Boiler. MEE has been provided for reducing the spent wash. Effluent Treatment Plant with Online Effluent Quality Monitoring System is in place. Green belt has been developed Water sprinkle system has been provided for controlling the fugitive emissions. Air Cooled condensers have been provided for reducing the water requirement. Regular Environmental quality monitoring is being done.

x	The company shall undertake CSR activities and all relevant measure for improving the socio-economic conditions of the surrounding area.	Completed <ul style="list-style-type: none"> ➤ 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on need assessment of the nearby villages. ➤ Socio-Economic development activities being carried out by the company along with the expenditure incurred attached as Annexure No 07. ➤ Expenditures on CSR/ESC activities during the period 1st October 2024 to 31st March 2025 is Rs 72,20,500/- The Photographs are Attached as Annexure-No 07 .
xi	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complied. Under eco-development measure: - <ul style="list-style-type: none"> • Renewal energy plants like Biogas units and Solar Lights are distributed to farmers. • 800 Numbers of Vermi compost beds are distributed for enriches the soil with microbes.
xii	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. Separate Environmental Management Cell equipped with full-fledged laboratory facilities to carry out the Environmental Management & Monitoring functions has been set up.
xiii	The company shall earmark sufficient funds towards capital cost and recurring cost per Annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	Complied. The funds earmarked for Environmental protection measures are kept in a separate account and never spend on other purposes.
xiv	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/ Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	A copy of the clearance letter to concerned Panchayat, Zila Parishad / Municipal corporation Urban Local Body & the local NGO has been submitted.

xv	The project proponent shall also submit Six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal office of CPCB and SPCB. A copy of Environmental Clearance and Six-monthly compliance status report shall be posted on the website of the company.	We have submitted regularly Six-monthly compliance reports along with monitoring results to the concerned authorities, and same will also be posted on the website of the company.
xvi	The Environmental statement for each financial year ending 31 st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional offices of MoEF & CC by e- mail.	Complied. We have submitted the Environmental Statement Form-V report for each financial year on 31st March, to the Maharashtra Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. The Sugar Unit & Distillery Unit Environmental Statement reports are enclosed as Annexure No – 11.
xvii	The project proponent shall inform the public that the project has been accorded Environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at http://moef.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional office of the Ministry.	We have already published the accordance of Environmental Clearance in two local newspapers. Maharashtra Times on dated 03.09.2017 and Punyanagari on dated 04.09.2017 Annexure No 10.
xviii	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied.
8	The Ministry revoke or suspend the clearances, if implementation of any of the above condition is not satisfactory	Noted and agreed for the same.

9	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions	Noted and agreed for the same
10	The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air Prevention & Control of Pollution) Act, 1981, The Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	Noted and agreed for the same
11	Environment Clearance is issued for Expansion of Sugar Mill (From 4800 TCD to 7500 TCD) and Co-Generation Power Plant (From 14.5 MW TO 30 MW) and setting up of 60KLPD Molasses based Distillery .	Noted and agreed for the same

CHAPTER No. 03

DETAILS OF ENVIRONMENTAL MONITORING

3.1 AMBIENT AIR QUALITY MONITORING

3.1.1 Ambient air Quality Monitoring Stations

Ambient air quality monitoring has been carried out Near Co-Gen Boiler area, and Distillery Main Gate, to assess the ambient air quality. This will enable to have analytical understanding about air quality and the changes in the air environment in the study area with respect to the condition prevailing. The locations of the ambient air quality monitoring stations are given in **Table-3.1**: -

Table-3.1.
Details of Ambient Air Quality Monitoring Stations

Sr. No.	Location Code	Location Name/ Description	Environmental Setting of surrounding	Date of Monitoring
1.	AAQ - 01	Bagasse yard downside of ETP	Industrial	07.10.2024 to 11.10.2024
2.	AAQ - 02	Distillery Bagasse yard near Godown ,	Industrial	13.12.2024 to 19.12.2024

AAQ - 01: Bagasse yard downside of ETP area

The sampler was placed Bagasse yard downside of ETP Area and was free from any obstructions. Surroundings of the sampling site represent industrial environmental setting.

AAQ - 02: Distillery Bagasse yard near Godown

The sampler was placed at Distillery Bagasse yard near Godown, and was free from any obstructions. Surroundings of the sampling site represent industrial environmental setting.

3.1.2 Ambient Air Quality Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Respirable Suspended Particulate Matter (PM₁₀)
- Fine Particulate Matter (PM_{2.5})
- Sulphur Dioxide (SO₂)
- Oxides of Nitrogen (NO_x)

The duration of sampling of PM₁₀, PM_{2.5}, SO₂ and NO_x was 24 hourly continuous sampling per day duration monitoring. The monitoring was conducted for one day at the location. This is to allow a comparison with the National Ambient Air Quality Standards.

The air samples were analyzed as per standard methods specified by Indian Standards (IS: 5182). The techniques used for ambient air quality monitoring and minimum detectable levels are given in **Table-3.2**.

Fine Particulate Sampler instruments have been used for monitoring Particulate Matter 2.5 (PM_{2.5} i.e. <2.5 microns), and Respirable Dust Sampler with gaseous sampling attachment was used for sampling Respirable fraction (<10 microns), gaseous pollutants like SO₂, and NO_x.

Table-3.2:
Techniques used for Ambient Air Quality Monitoring

Sr. No	Parameter	Technique	Range of testing /limit of detection
1.	Respirable Suspended Particulate Matter (PM ₁₀)	Respirable Dust Sampler, with cyclone separator, Gravimetric Method	5.0 - 1200
2.	Fine Particulate Matter (PM _{2.5})	Fine Particulate Sampler, Gravimetric Method	2.0 - 500
3.	Sulphur di Oxide	Modified West and Gaeke	5.0 - 1050
4.	Oxides of Nitrogen	Jacob & Hochheiser	6.0 - 750

3.1.3 Ambient Air Quality Monitoring Results Bagasse yard downside of ETP area

3.1.4 The detailed on-site monitoring results of PM_{2.5}, PM₁₀, SO₂ and NO_x are presented in Table-3.3.

Table-3.3:
Ambient Air Quality Monitoring Results at Bagasse yard downside of ETP Area

Sr. No	Particulars	Protocol	Unit	Result	NAAQS Standard
1	Sulphur Dioxides (SO ₂)	CPCB Guidelines, volume I ,36/2012-13, Page no. 01	µg/m ³	17.80	≤ 80
2	Oxides of Nitrogen (NO _x)	CPCB Guidelines, volume I ,36/2012-13, Page no. 07	µg/m ³	22.40	≤ 80
3	Particulate matters size less than 10 µm (PM ₁₀)	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/m ³	68	≤ 100
4	Particulate matters size less than 2.5 µm (PM _{2.5})	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/m ³	32	≤ 60

3.1.5 Ambient Air Quality Monitoring Results at Distillery Bagasse yard near Godown,
The detailed on-site monitoring results of PM_{2.5}, PM₁₀, SO₂ and NO_x are presented in Table-3.4.

Table-3.4:
Ambient Air Quality Monitoring Results at Distillery Bagasse yard near Godown,

Sr. No	Particulars	Protocol	Unit	Result	NAAQS Standard
1	Sulphur Dioxides (SO ₂)	CPCB Guidelines, volume I ,36/2012-13, Page no. 01	µg/m ³	15.80	≤ 80
2	Oxides of Nitrogen (NO _x)	CPCB Guidelines, volume I ,36/2012-13, Page no. 07	µg/m ³	20.20	≤ 80
3	Particulate matters size less than 10 µm (PM ₁₀)	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/m ³	73.80	≤ 100
4	Particulate matters size less than 2.5 µm (PM _{2.5})	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/m ³	31.70	≤ 60

3.1.6 Discussion on Ambient Air Quality in the Study Area

The value of PM₁₀ at Ambient Air Monitoring at all 02 locations are 68.0 µg/m³, & 73.80 µg/m³ respectively which were within permissible limit of 100 µg/m³ and PM_{2.5} levels are 32.0 µg/m³ Bagasse yard near ETP Area, and 31.70 µg/m³ at Distillery Bagasse yard near Godown , were also observed within permissible limit of 60 µg/m³ (for residential, rural and other areas as stipulated in the National Ambient Air Quality Standards). SO₂ ranges between

34.6 $\mu\text{g}/\text{m}^3$ to 24.3 $\mu\text{g}/\text{m}^3$ and NO_x ranges between 18.6 $\mu\text{g}/\text{m}^3$ to 19.2 $\mu\text{g}/\text{m}^3$ was also observed within the corresponding stipulated limits (Limit for SO_2 and NO_x ; 80 $\mu\text{g}/\text{m}^3$) at all of the 04 monitoring locations.

3.2 STACK EMISSION MONITORING

Stack Emission monitoring was carried out by EPA approved Laboratory on date 17.02.2025 for Three stacks.

3.2.1 Stack Emission Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Particulate Matter (PM)

The Method used for Stack Emission monitoring and range of testing with CPCB standard are given in **Table-3.5**.

Table-3.5. Details of Boiler -21 TPH Stack Emission Monitoring Result (Distillery Unit)

Sr. No.	Parameter	Unit	Result
1.	SO_2	Kg/Hr	3.6
2.	Total Particulate Matter	mg/Nm ³	38

Table-3.5. Details of Boiler -120 TPH Stack Emission Monitoring Result (Cogen Unit)

Sr. No.	Parameter	Unit	Result
1.	SO_2	Kg/Hr	5.1
2.	Total Particulate Matter	mg/Nm ³	42

Table-3.5. Details of Boiler -40 TPH Stack Emission Monitoring Result (Sugar Unit)

Sr. No.	Parameter	Unit	Result
1.	SO_2	Kg/Hr	4.80
2.	Total Particulate Matter	mg/Nm ³	46

3.3 AMBIENT NOISE MONITORING

3.3.1 Ambient Noise Monitoring Locations

The main objective of noise monitoring in the study area is to assess the present ambient noise levels near project site due to various Industrial activities and increased vehicular movement. A preliminary reconnaissance survey has been undertaken to identify the major noise generating sources in the area. Ambient noise monitoring was conducted at 01 locations as given in **Table-3.6**.

Table-3.6: Details of Ambient Noise Monitoring Station

Sr. No	Location Code	Location name and description	Date of Monitoring
1.	NQ - 1	Near Main Gate	17/02/2025
2.	NQ - 1	Near Distillery Fermentation	
3.	NQ - 1	Near Distillery Boiler area	

4.	NQ - 1	Near Cogen Turbine area	
5.	NQ - 1	Sugar Packing area	

3.3.2 Methodology of Noise Monitoring

Noise levels were measured using sound level meter. Noise level monitoring was carried out continuously for 24-hours with one-hour interval starting at 06:00 hrs to 06:00 hrs next day. The noise levels were monitored on working days only. During each hour Leq were directly computed by the instrument based on the sound pressure levels. Monitoring was carried out at 'A' response.

3.3.3 Ambient Noise Monitoring Results

The location wise ambient noise monitoring results is summarized

Table-3.7: Ambient Noise Monitoring Results

Ambient Noise Level				
Sr. No.	Parameter	Unit	Day Time (06:00 AM - 10:00 PM)	Night Time (10:00 PM - 06:00 AM)
1	Equivalent sound level	dB(A)	63.50	60.60
2			68.50	64.20
3			74.70	69.60
4			74.10	69.10
5			72.40	69.80

Figure-3.5: Day and Night Time noise Level at all Monitoring Locations

Table-3.8: Noise Standards as per CPCB Schedule rule 3(1) and 4(1)

Area Code	Category of Area/Zone	Limits in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
B	Silence Zone	50	40

3.3.4 Discussion on Ambient Noise Levels in the Study Area

Day Time Noise Levels (L_{day}):

The day time noise level at monitoring station was found Max. 73.6 dB(A), which is within limits prescribed for industrial area i.e. 75 db (A).

Night Time Noise Levels (L_{night}):

The night time noise level at monitoring station was found Max. 68.7 dB(A), which is within limit prescribed for industrial area i.e. 70 dB (A).

3.4 GROUND WATER QUALITY MONITORING

3.4.1 Ground water Quality Monitoring Locations

Keeping in view the importance of ground water, sample of ground water was collected from the project site for the assessment of impacts of the project on the groundwater quality.

Water sample was collected from the project site. The sample was analyzed for various parameters to compare with the standards for Ground water as per IS: 10500 for Groundwater sources. The details of water sampling locations are given in **Table-3.9**.

Table-3.9: Details of Water Quality Monitoring Station

Sr. No	Location Code	Location name and description	Date of Monitoring
1.	GW - 01	Well Water	24 th February, 2025

3.4.2 Methodology of ground water Quality Monitoring

Sampling of ground water was carried out on 24.02.2025. Samples were collected as grab sample and sampling forms are filled in as per the sampling plan. The preservative sample were properly added to preserve as per standard operating procedures (SOP) and stored immediately in ice boxes, which were ensured for appropriate temperatures. **Sample for chemical analysis was collected in polyethylene carboys. Sample collected for metal content were acidified to <2 pH with 1 ml HNO₃.**

Soon after the completion of sampling, chain of custody sheets for the samples are filled in and then they were transported by road to Environmental & Technical Research Centre, Lucknow for further analysis. Proper care was taken during packing and transportation of samples. All the samples reached the central laboratory within the holding times for different parameters. After ensuring the same the samples were forwarded immediately for analysis.

The samples were analyzed as per the standard procedures specified in 'Standard Methods for the Examination of Water and Wastewater' published by American Public Health Association (APHA) and CPCB. The analytical techniques and the test methods adopted for testing of ground water are given in **Table-3.10**.

3.4.3 Ground water Quality Monitoring Results

The detailed Ground water quality monitoring results are presented in **Table-3.10**.

Table-3.10:

Ground water Quality Results at ell Water (February, 2025)

Parameter	Result	Unit(s)
pH	7.9	--
Total Dissolved Solids(TDS)	457	mg/lit
Suspended Solids	13	
Biochemical Oxygen Demand (BOD)	4.6	-
Chloride	40.39	mg/lit
Chemical Oxygen Demand (COD)	32	mg/lit
Sulphate	14.63	mg/lit
Oil & Grease	BDL	mg/lit

3.5 Water Analysis ETP Outlet Monitoring



The sampling and analysis of ETP outlet was done on month February 2025 by MPCB Lab the monthly results are as under.

Table 3.11: ETP outlet Monitoring Result

Test Parameter	Results	MPCB Limit	Unit	Standard Method
pH	8.0	5.5-8.5		APHA 24th Edition 4500-H+ B (Electrometric Method)
Suspended Solid	17	<100	mg/l	APHA 24th Edition 2540 D (Gravimetric Method)
Total Dissolved Solid	637	<2100	mg/l	APHA 24th Edition 2540 C
Chemical Oxygen Dissolved (COD)	80	<250	mg/l	APHA 24th Edition 5220 B (Open Reflux Method)
Biological Oxygen Dissolved (BOD) at 270C for 3 days	18	<100	mg/l	IS 3025 (Part 44)
Oil & Grease	BDL	-	mg/l	APHA 24th Edition 5520 B (Liquid-Liquid, Partition-Gravimetric Method)
Chloride as Cl	69.13	<600	mg/l	APHA 24th Edition 4500-Cl B (Argentometric Method)
Sulphate as SO ₄ ²	89.44	<1000	mg/l	APHA 4500-S04 E 24 th ED:2023

Annexure No -1

MPCB CONSENT TO OPERATE FOR SUGAR 9000 TCD & COGEN 32 MW

MAHARASHTRA POLLUTION CONTROL BOARD																											
Tel: 24010706/24010437 Fax: 24023516 Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in		Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022																									
No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000174240/CR/2312000887		Date: 08/12/2023																									
To, Dalmia Bharat Sugar and Industries Ltd. Sugar unit-Asurle-Porle, 1746,1748 to 1756,Asurle-Porle,,Tal.Panhala,Dist.Kolhapur.		 LIFE Lifestyle for Environment Your Service is Our Duty																									
Sub: Renewal of Consent for 9000 TCD sugar unit & 32 MW co-gen unit.																											
Ref: 1. Renewal of consent granted by the Board vide .No. Format1.0/CAC/UAN No.MPCB-CONSENT-0000141171/CR-2211001043 dtd. 14.11.2022 valid up to 31.07.2023.																											
2. Minutes of CAC Meeting dtd. 26.09.2023.																											
Your application No.MPCB-CONSENT-0000174240 Dated 22.06.2023																											
For: grant of Consent to Renewal 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: 31.07.2026																											
2. The capital investment of the industry is Rs.Rs. 387.2648 Crs (Existing - 384.4276 Crs) Crs. (As per C.A Certificate submitted by industry).																											
3. Consent is valid for the manufacture of:																											
<table border="1"><thead><tr><th>Sr No</th><th>Product</th><th>Maximum Quantity</th><th>UOM</th></tr></thead><tbody><tr><td>1</td><td>Sugar</td><td>36450</td><td>MT/M</td></tr><tr><td>2</td><td>Electricity</td><td>32</td><td>MW</td></tr><tr><td>3</td><td>Molasses</td><td>10800</td><td>MT/M</td></tr><tr><td>4</td><td>Pressmud</td><td>10800</td><td>MT/M</td></tr><tr><td>5</td><td>Bagasse</td><td>78300</td><td>MT/M</td></tr></tbody></table>				Sr No	Product	Maximum Quantity	UOM	1	Sugar	36450	MT/M	2	Electricity	32	MW	3	Molasses	10800	MT/M	4	Pressmud	10800	MT/M	5	Bagasse	78300	MT/M
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3	Molasses	10800	MT/M																								
4	Pressmud	10800	MT/M																								
5	Bagasse	78300	MT/M																								
3. The Cane crushing capacity of Sugar unit shall not exceed 9000 TCD																											
4. Conditions under Water (P&CP) Act, 1974 for discharge of effluent:																											
<table border="1"><thead><tr><th>Sr No</th><th>Description</th><th>Permitted in CMD</th><th>Standards to</th><th>Disposal</th></tr></thead><tbody><tr><td>1.</td><td>Trade effluent</td><td>1000</td><td>As per Schedule -I</td><td>100 CMD is recycled and 900 CMD on land for irrigation</td></tr></tbody></table>				Sr No	Description	Permitted in CMD	Standards to	Disposal	1.	Trade effluent	1000	As per Schedule -I	100 CMD is recycled and 900 CMD on land for irrigation														
Sr No	Description	Permitted in CMD	Standards to	Disposal																							
1.	Trade effluent	1000	As per Schedule -I	100 CMD is recycled and 900 CMD on land for irrigation																							

Dalmia Bharat Sugar and Industries Ltd. Sugar Unit- Asurle-Porle Dist. Kolhapur/CR/UAN No.MPCB-CONSENT-0000174240/Indus-Id.9627 (08-12-2023 02:25:42 pm) /QMS.PO6_F02/00

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Annexure No- 1

MPCB CONSENT TO OPERATE FOR DISTILLERY 120 KLPD .

MAHARASHTRA POLLUTION CONTROL BOARD

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



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

RED/L.S.I (R60)
No:- Format1.0/CAC/UAN No.MPCB-
CONSENT-0000144104/CR/2211000824

Date: 11/11/2022

To,
Dalmia Bharat Sugar and Industries Ltd Distillery Unit
1764,1765,1852,1855 of Asurle- Porle,
Panhala,Kolhapur.



Your Service is Our Duty

Sub: Renewal of Consent for 120 KLPD Distillery unit.

Ref: 1. Renewal of consent granted by the Board vide no. Format1.0/CAC/UAN
No. MPCB- CONSENT-0000122608/CO/2112000670, dated 13.12.2021.
2. Minutes of CAC Meeting dtd. 29.09.2022.

Your application No.MPCB-CONSENT-0000144104 Dated 19.07.2022

For: Consent to Renewal 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 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:

- The consent to renewal is granted for a period up to 31/08/2025**
- The capital investment of the project is Rs.96.7636 Crs. (As per C.A Certificate submitted by industry)**
- Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Rectified Spirit /Extra Neutral Alcohol/Ethanol	120	KL/D

Capacity of Distillery shall not exceed 120 KLPD

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	960	As per Schedule-I	MEE & Incineration Boiler to achieve ZLD.
2.	Domestic effluent	5	As per Schedule-I	On land for gardening

Annexure No- 2

ENVIRONMENT CLERENCE No:

EC vide letter No. J -11011/305/2016-IA II (I) dated 09th May, 2024.



File No: J-11011/305/2016-IA-II (I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 09/05/2024



To,

Sh. Pradeep Mittal
M/s DALMIA BHARAT SUGAR AND INDUSTRIES LIMITED
11th & 12th Floors, Hansalaya Building, 15, Barakhamba Road, New Delhi, NEW DELHI, DELHI, ,
110001
gupta.naveen@dalmiabharat.com

Subject:

Expansion of Distillery (120 KLPD Molasses/Cane juice/Cane syrup) to (250 KLPD Molasses/Cane juice/Cane syrup/Grain) by addition of 130 KLPD Cane juice/Cane syrup/Grain and Sugar Mill (9000 TCD to 12000 TCD) at Village Asurle-Porle, Tehsil Panhala, District Kolhapur, Maharashtra by M/s. Dalmia Bharat Sugar and Industries Limited, Unit- Shri Datta Asurle -Porle – Consideration of Environment Clearance reg.

Sir/Madam,

This is in reference to your application for Grant of EC under the provision of the EIA Notification 2006-regarding in respect of project Expansion of Distillery (120 KLPD Molasses/Cane juice/Cane syrup) to (250 KLPD Molasses/Cane juice/Cane syrup/Grain) by addition of 130 KLPD Cane juice/Cane syrup/Grain and Sugar Mill (9000 TCD to 12000 TCD) at Village Asurle-Porle, Tehsil Panhala, District Kolhapur, Maharashtra by M/s Dalmia Bharat Sugar and Industries Limited, Unit- Shri Datta Asurle-Porle submitted to Ministry vide proposal number IA/MH/IND2/459528/2024 dated 09/02/2024.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24C2503MH5727755N
(ii) File No.	J-11011/305/2016-IA-II (I)
(iii) Clearance Type	EC
(iv) Category	B2
(v) Project/Activity Included Schedule No.	5(g) Distilleries, 5(j) Sugar Industry
(vi) Sector	Industrial Projects - 2 Expansion of Distillery (120 KLPD Molasses/Cane juice/Cane syrup) to (250 KLPD Molasses/Cane juice/Cane syrup/Grain) by addition of 130 KLPD Cane juice/Cane syrup/Grain and Sugar Mill (9000 TCD to 12000 TCD) at Village Asurle-Porle,
(vii) Name of Project	

IA/MH/IND2/459528/2024

Address: IA Division, Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan, Jor Bagh New Delhi - 110003

Page 1 of 14

Annexure No- 2

2.ENVIRONMENT CLERENCE No:

EC vide letter No. J -11011/305/2016-IA II (I) dated 04th August, 2021.



File No. J-11011/305/2016-IA II(I)
Government of India
Ministry of Environment, Forest & Climate Change
Impact Assessment Division

Indira Paryavaran Bhawan,
Jal Wing, 3rd Floor, Aliganj,
Jor Bagh Road, New Delhi-110 003

Dated:04th August, 2021

To,

M/s. Shri Datta Sakhar Karkhana
(A unit of M/s Dalmia Bharat Sugar and Industries Limited),
Village Asurle-Porle, Tehsil Panhala,
District Kolhapur, Maharashtra.

Sub: Expansion of Molasses Based Distillery from 75 KLPD to 120 KLPD using molasses/ sugarcane juice/ sugarcane syrup within the existing Sugar Complex plant premises by M/s. Shri Datta Sakhar Karkhana (A unit of M/s Dalmia Bharat Sugar and Industries Limited) located at Village Asurle-Porle, Tehsil Panhala, District Kolhapur, Maharashtra - Consideration of Environment Clearance reg.

Sir,

This has reference to your online proposal no. IA/MH/IND2/208506/2021, dated 08th April, 2021 for environmental clearance to the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for Environmental Clearance (EC) to the project under the MoEFCC Notification S.O. 980(E) dated 02nd March, 2021 to the project for Expansion of Molasses Based Distillery from 75 KLPD to 120 KLPD using molasses/ sugarcane juice/ sugarcane syrup within the existing Sugar Complex plant premises by M/s. Shri Datta Sakhar Karkhana (A unit of M/s Dalmia Bharat Sugar and Industries Limited) located at Village Asurle-Porle, Tehsil Panhala, District Kolhapur, Maharashtra.

3. All Molasses based distilleries >100 KLPD are listed at S.N. 5(g) under category "A" of Schedule of Environment Impact Assessment (EIA) Notification dated 14th Sep, 2006 and as amended on 13th June, 2019 and are appraised at Central Level by Expert Appraisal Committee (EAC). As per the MoEFCC Notification S.O. 345(E) dated 17th January 2019 & extension of notification S.O. 750 (E) dated 17th February 2020 and S.O. 980(E) dated 02nd March, 2021, a special provision in the EIA Notification, 2006 is made, wherein for all applications made for expansion projects of sugar manufacturing or Distilleries, having Environmental Clearance for present industrial operation and intend to produce ethanol for blending with petrol under EBP Program shall be appraised by EAC or SEAC as per the procedure

Page 1 of 9

Annexure No -2

3.ENVIRONMENT CLERENCE No:

EC vide letter No. J -11011/305/2016-IA II (I) dated 10th August, 2017.

F. No.J-11011/305/2016-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assesment Division)

Indira Paryavaran Bhawan
Jor bagh Road, Delhi - 3
Dated: 10th August, 2017

To,

M/s Shri Datta Sakhar Karkhana,
Hansalaya Building, 11th & 12th Floor,
15, Barakhamba Road,
New Delhi -1

Sub: Expansion of Molasses Based Distillery (60 KLPD to 75 KLPD), Sugar Mill (7500 TCD to 9000 TCD) and Co-Generation Power Plant (30 MW to 32 MW) at Village Asurle-Porle, Tehsil Panhala, District Kolhapur (Maharashtra) by M/s Shri Datta Sakhar Karkhana - Environmental Clearance - reg.

Ref: Online proposal no. IA/MH/IND2/58477/2016 dated 25th April, 2017.

Sir,

This has reference to your online proposal no. IA/MH/IND2/58477/2016 dated 25th April, 2017 along with project documents including Form 1, Terms of References, Pre-feasibility Report and EIA/ EMP report regarding above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the proposal for expansion of Molasses Based Distillery (60 KLPD to 75 KLPD), Sugar Mill (7500 TCD to 9000 TCD) and Co-Generation Power Plant (30 MW to 32 MW) at Village Asurle-Porle, Tehsil Panhala, District Kolhapur (Maharashtra) by M/s Shri Datta Sakhar Karkhana (A Unit of Dalmia Bharat Sugar & Industries Ltd).

3. The details of the products presently manufactured and after the proposed expansion are reported to be as under:-

Units	Product	Existing Capacity	Proposed Capacity	Total Capacity after Expansion
Distillery	Ethanol/ RS/ ENA	60 KLPD	15 KLPD	75 KLPD
Sugar Mill	Sugar	7500 TCD	1500 TCD	9000 TCD
Co-generation Power Plant	Power	30 MW	2 MW* (Incidental generation by Incineration Boiler)	32 MW

***Note:** There is no proposal to increase power generation capacity. However, only incidental power generation due to spent wash in incineration route as recommended by Honorable Ministry will result into power generation in the tune of 2 MW.

4. Existing land area is 34.9 ha. Expansion will be done in existing plant premises, no additional land will be required. Industry has already developed greenbelt in an area of 33 % i.e. 11.53 ha out of 34.9 ha of total area. The estimated project cost is Rs 60 Crores.

SH

Annexure No -2

4.ENVIRONMENT CLERENCE No:

EC vide letter No. J -11011/277/2013-IA II (I) dated 04th Feb. 2015.

F. No. J-11011/277/2013- IA II (I)
Government of India
Ministry of Environment, Forests and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Aliganj, Jorbagh Road,
New Delhi -110003

E-mail : lk.bokolia@nic.in
Telefax : 011: 2469 5401
Dated 4th February, 2015

To,
Shri Pankaj Rastogi, Executive Director
M/s Dalmia Bharat Sugar & Industries Ltd.
Hansalaya Building, 11th & 12th Floor,
15, Barakhamba Road, New Delhi-110001

E-mail: rastogi.pankaj@dalmiasugar.com FAX:011-23313303

Subject: Expansion of Sugar Mill (from 4800 TCD to 7500 TCD) and Co-Generation Power Plant (from 14.5 MW to 30 MW) and Setting Up of 60 KLPD Molasses based Distillery at Village Asurle-Porle, Tehsil Panhala, District Kolhapur, Maharashtra by M/s Shri Datta Sakhar Karkhana (M/s Dalmia Bharat Sugar & Industries Ltd.)-regarding Environmental Clearance.

Ref.: Your letter no. SDSK/MoEF/EDS/03 dated 1st October, 2014.

Sir,

This has reference to your letter dated 1st October, 2014 alongwith project documents including Form I, Terms of References, Pre-feasibility Report, EIA/EMP Report alongwith Public Hearing Report and subsequent communication vide your letters dated 30th October, 2014 and 20th November, 2014 on the above mentioned subject.

2.0 The Ministry of Environment, Forests and Climate Change has examined the application. It is noted that proposal is for expansion of Sugar Mill (from 4800 TCD to 7500 TCD) and Co-Generation Power Plant (from 14.5 MW to 30 MW) and Setting Up of 60 KLPD Molasses based Distillery at Village Asurle-Porle, Tehsil Panhala, District Kolhapur, Maharashtra by M/s Shri Datta Sakhar Karkhana (M/s Dalmia Bharat Sugar & Industries Ltd. Protected Forests (9 Nos.) are located within 10 Km distance. It is reported that no national park/wildlife sanctuary/biosphere reserve/tiger reserve/ elephant reserve is located within 10 Km distance. Kasari River and Panchganga River are flowing at a distance 2.5 km and 5.5km respectively. Total plot area is 86 acres of which 33% of area is earmarked for greenbelt. Cost of project is Rs. 190 Crores. Out of which Rs. 28 Crore and Rs. 2 Crore per annum are earmarked for capital cost and recurring cost per annum for pollution control measures. No of working days of sugar mill, distillery and power plant will be 160 days, 270 days and 330 days respectively.

3.0 ESP alongwith stack of adequate height will be provided to bagasse and 15% coal & biogas fired boiler and concentrated spentwash fired boiler (22TPH) to control particulate emissions. Total fresh water requirement will be increased from 700 m3/day to 1250 m3/day during cane crushing season while during offseason water requirement will be increased from 700 m3/day to 1024 m3/day after expansion and source of water supply will be surface water (i.e. Kasari River). Spent wash will be concentrated in MEE and incinerated in incineration boiler. Spentlees and condensate water after treatment will be recycled back in process. Effluent from sugar unit will be treated in ETP and treated effluent will be recycled/reused in the process. ETP capacity of sugar unit will be



1

issued
09/02/15

ER

Annexure No-3

The River Water Lifting Agreement copy

	महाराष्ट्र शासन जलसंपदा विभाग कोल्हापूर पाटबंधारे विभाग (उत्तर), सिंचन भवन, ताराबाई पार्क कोल्हापूर पिन- ४१६००३	
दूरध्वनी क्र. ०२३१-२६५४७३६ फॅक्स- ०२३१-२६५४७३५ ई मेल - eekidkop@gmail.com	जा.क्र. कोपावि(उ)/ बिगरसिंचन/ ३२५३ /२०२१ दि. ०८ JUN 2021	

प्रति,
मा. चेअरमनसो,
श्री. दत्त सहकारी साखर कारखाना
(दत्त दालमिया भारत शुगर्स)
आसुलें पोले ता.पन्हाळा जि.कोल्हापूर
पिन-४१६२२९.

विषय : बिगर सिंचन ग्राहक सहा वर्षीय करारनामा नूतनीकरास मंजूरी मिळणेबाबत.
(सन २०२१-२०२७ करिता दि. ०१/०७/२०२१ पासून दि.३०/०६/२०२७)

संदर्भ : १) सिंचन/काअ-२/मुदका/६९५३/ २११९, दि. २१/४/२००२
२) शासन परिपत्रक क्र. बिपापु१००१/(७१३/२००१)सिब्य(धो)/दिनांक ११/०३/२००३
३) शासन परिपत्रक क्र. पापव-२०१५/(प्र.क्र४००/२०१५)सिब्य(महसूल)/दिनांक १५/१२/२०१५
४) शासन निर्णय क्र. पापव-२०१५/(प्रक्र ८८/२०१५)/सिब्य(महसूल) दि. २१/०४/२०१६
५) महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण यांचा आदेश क्र.१/२०१८ दिनांक ११/०१/२०१८.
६) विभागीय कार्यालयाचे पत्र जा.क्र. कोपावि(उ)/ बिगरसिंचन/३०२४ दिनांक २०/०५/२०२१

उपरोक्त संदर्भित विषयांकित प्रकरणी आपणास राधानगरी प्रकल्पावरील कासारी नदीमधून सहा वर्षाकरिता घरगुती प्रयोजनासाठी ०.०४८ द.ल.घ.मी व औद्योगिक कारणासाठी ०.१७० द.ल.घ.मी असा एकूण ०.२१८० द.ल.घ.मी इतका पाणी कोटा मंजूर असून आपण केलेल्या विनंती अर्जांनुसार आपला सन २०२१-२०२७ करिता दि. ०१/०७/२०२१ पासून दि.३०/०६/२०२७ या कालावधीचा करारनामा खालील अटीच्या अधिन राहून मंजूर करणेत येत आहे. तसेच त्याची एक प्रत आपले माहितीसाठी सोबत देणेत येत आहे.

१) संस्थेस बिगर सिंचन पाणी वापराकरीता इलेक्ट्रॉनिक वॉटर मीटर बसविणे बंधनकारक असून सदर मीटरचे लॉगबुक नोंदी ठेवणे व पाण्याचे मोजमापासाठी बसविणेत आलेल्या इलेक्ट्रॉनिक वॉटर मीटर चे प्लो मीटर कॅलिब्रेशनचे प्रमाणपत्र सादर करणे आवश्यक आहे


२) जलसंपदा विभाग शासन निर्णय क्र. पापव-२०१५/(प्रक्र ८८/२०१५)/सिब्य(महसूल) दि. २१/०४/२०१६ अन्वये आपल्या संस्थेचे सांडपाणी विसर्जित करताना सांडपाण्याची गुणवत्ता महाराष्ट्र प्रदूषण नियंत्रण मंडळाकडून दर महिन्याला तपासून प्रदूषण होत नसल्याबाबतचे प्रमाणपत्र जलसंपदा विभागास देणे बंधनकारक राहील

३) संस्थेची योजना कार्यान्वित झालेनंतर अट क्र. २ मध्ये नमूद केलेनुसार प्रमाणपत्र सादर न केलेस तीन महिन्यांपर्यंत ५ % जादा दराने पाणीपट्टी आकारणी करणेत येईल व तिस-या महिन्याच्या शेवटी पाणी पूरवठा खंडीत करणे बाबत कार्यवाही करणेत येईल.

४) उपरोक्त मंजूरी ही पूर्वनियोजित असलेमुळे मंजूर परिमाण किंवा त्या कालावधीचा प्रत्यक्ष पाणी वापर या पैकी जादा असणा-या परिमाणास आकारणी करणेत येईल.व पुढील आगामी वर्षासाठी पाणी कोटा आरक्षित करणेकामी रु.१०००/- मुद्राकावर ३० जून पुर्वी वार्षिक करारनामा करणे आवश्यक आहे.

G:\RAJESHAERI GHORPADEKID NORTH\कालावधी वर्षे कालावधी .DOCX


५) शासनामार्फत वेळोवेळी निर्गमित होणारे बिगर सिंचन विषयक निर्णय व मुळ परवान्यातील अटी आपल्यावर बंधनकारक राहातील याची कृपया नोंद घ्यावी.
सदरचा सहा वर्षाचा करारनामा सन २०२१-२०२७ करिता दि. ०१/०७/२०२१ पासून दि.३०/०६/२०२७ या कालावधीकरिता लागू राहील.




कार्यकारी अभियंता
कोल्हापूर पाटबंधारे विभाग(उत्तर)
कोल्हापूर.

प्रत सहायक अभियंता श्रेणी -१,पंचगंगा पाटबंधारे उपविभाग,कोल्हापूर यांना माहितीसाठी व पुढील कार्यवाहीसाठी रवाना.

Annexure No.4

Employee Health Check-up Report copy

	Venkateshwar Healthcare And Innovation Pvt.Ltd.'s DR. MANE ORTHOPEDIC CLINIC AND INDUSTRIAL HEALTH CENTER	Dr. Sushrut Mane M.B.B.S., D.ORTHO, A.F.I.H., Industrial Health Consultant, Govt. Authorised Certifying Surgeon Kolhapur & Sangli District drsushruthospital@gmail.com
Near Jalaram Hardware, A/p Unchgaon, Gadmodshingi Road, Tal. Karveer, Dist. Kolhapur - 416005. Mob.8421500938,		
Employee Name : MR. PRAVIN S. GOJARE	Age / Sex : 48 Yrs. / M	
Company Name : DALMIA BHARAT SUGAR & INDUSTRIES LTD.	CheckUp Date : 29/01/2025	
Department : SAFETY	Weight (Kg) : 78	
Employee No : 5902	Height (Cms) : 167	
Sr. No. : 40	BMI : 27.97	

PERIODIC MEDICAL EXAMINATION REPORT										
Summary Report	FIT FOR JOB AT PRESENT EXAMINATION									
Conclusion / Remark	THE EMPLOYEE IS NOT SUFFERING FROM ANY CONTAGIOUS ,COMMUNICABLE ,INFECTIOUS ,OBNOXIOUS DISEASES.									
Personal History	Allergic to : NA									
Present Complaints : NORMAL	Past History : HTN ON RX									
Family History : NA	Personal Habits : NA									
General Examination										
Pulse (/min) : 70	BP(mmHg) : 140 / 90									
Appearance : GOOD	Built : AVERAGE									
Skin : NA	Deformities : NA									
Systemic Examination										
ENT : NORMAL	RS : NA									
CNS : NA	GUS : NA									
CVS : NA	GIT : NA									
Vision	<table><tr><td></td><td>Without Glass</td><td>With Glass</td></tr><tr><td>Near</td><td></td><td>RE/8</td></tr><tr><td>Distant</td><td></td><td>6/12</td></tr></table>		Without Glass	With Glass	Near		RE/8	Distant		6/12
	Without Glass	With Glass								
Near		RE/8								
Distant		6/12								
Color Vision : NORMAL	Refractory Error : PRESENT									
Test Frequency										
1) Air Condition Threshold : Left : NORMAL	Right : NORMAL									
2) Bone Condition Threshold : Left : NORMAL	Right : NORMAL									
Audiogram Reports Right Ear : NORMAL Left Ear : NORMAL										
Spirometry	<table><tr><td>Measured Peak Flow</td><td>450 L/Min</td></tr><tr><td>Predicted Peak Flow</td><td>445</td></tr><tr><td>% of Predicted Peak Flow</td><td>101</td></tr><tr><td>Remark</td><td>NORMAL</td></tr></table>	Measured Peak Flow	450 L/Min	Predicted Peak Flow	445	% of Predicted Peak Flow	101	Remark	NORMAL	
Measured Peak Flow	450 L/Min									
Predicted Peak Flow	445									
% of Predicted Peak Flow	101									
Remark	NORMAL									
ECG NORMAL	X-Ray NORMAL									
Vaccination TT										
Pathology Lab Investigation Results : ALL REPORTS ARE ATTACHED WITHIN NORMAL LIMITS.										
<div> DR. SUSHRUT MANE M.B.B.S.,D.Ortho.,A.I.F.H.,Industrial Health Consultant (Govt. Authorised Certifying Surgeon Sangli & Kolhapur Dist)</div>										

Annexure No-5

Safety & Health Training Photographs:



“Basic life support Training”



“Gas Cutting Safety Training”



“Mock Drill and Emergency Response Training.”



Annexure No-6

Photographs showing Existing Greenbelt Development





Massive Tree Plantation Program



TREE PLANTING CAMPAIGN

Annexure No-6

Details of expenditures on CSR & ESC activities during the period

1st October 2024 to 31st March 2025.

Dalmia Bharat Sugar and Industries Ltd. Asurle Porle ,Dist. Kolhapur			
CSR Activities Consolidated Expenditure Details from 01.10.24 to 31.03.2025			
Sr. No.	Programme	Activities	Expenditure (Rs.)
1	Environment (Energy Conservation)	1.No.s of 200 Vermi compost beds distribution for increased yield and Vermicompost improves the recycling of soil. Vermicompost enriches the soil with microbes. In rural areas, the production of vermicompost can provide livelihood support to the unemployed. Vermicompost helps in improving soil texture, aeration and increases water retention capacity.	205400
2	Community (Skill training and Livelihood)	1. Support Sugarcane seedlings for the 667 farmers	2000000
		2. Support silage bags for the 500 farmers	156500
		3.Support Backyard poultry 80 farm	100000
		4. Support Chaff Cutter for 60 farmers	240000
		5. Provide Milk Can for 1000 farmers	240000
		6. Micro Enterprises - 5	99000
		7.Spray Pump - 1000	1400000
		8. Goat Farming - 40	160000
		9. Ata Chaki 20	100000
		10. Sewing Machine - 152	606600
		11. agricultural tarpaulin for 100 farmers	160000
		12. Beauty Parlor 6	160000
		7. DIKSHa Skill training	700000
3	Social Development	1.HP Wow bus- Digital Literacy Mission	550000
		2.E learning set up distribution for No. of 6 Schools	288000
4	Health	Organize general Health check up camps 2	25000
5	Programme Execution Cost	Overhead cost including retainers fees, communication, travelling and volunteer fees and Misc.	30000
Total			7220500

(Rupees SeventyTwo Lakhs Twenty Thousand and Five Hundred Only)

Medical Check-up Camps for villagers:

We have organized the free Medical check-up camp at Majagaon Villagers. Total Numbers of 93 Farmers area benefited from this camp.



Health Camp Initiative

Over the past four years, we have organized health camps benefiting approximately 2,000 laborers. These camps offer comprehensive medical tests, including HIV screenings, WBC counts, thyroid function tests, eye check-ups, sugar and blood pressure monitoring, and pediatric care. We also provide STI training for increased awareness and prevention. This initiative aims to enhance the overall health and well-being of laborers, offering timely medical intervention and continuous health education to promote long-term care.















2

Informal Education Centre for children's .



Informal Education Centre (Sakharshala)

Sakharshala, our informal education center, has been providing essential learning support to the children of sugarcane laborers for the past four years. The center serves approximately 300 children, offering midday meals and necessary school supplies, such as notebooks, pens, and bags. Two committed teachers staff are appointed at the center, ensuring these children receive an education in a nurturing environment that promotes both academic growth and personal development while their parents work.


9

Our Cane Harvesting & Transport Labour children's are benefitted through the Initiative taken with the help of " **Umed**" Foundation".







HP World On Wheel Bus

- HP World On Wheel Bus (Wow Bus) for computer training of rural area
Students Total 1844 Numbers of student are benefitted



Digital Literacy Program with HP WOW Bus

For four years, our Digital Literacy Program, in partnership with the HP WOW Bus, has helped 300 children from the factory premises develop vital digital skills. The bus, equipped with computers, teaches basic computer skills, financial literacy, and English typing. Additionally, motivational videos are shown to inspire the children. This program not only equips them with essential technological competencies but also empowers them with tools for future success, fostering a strong foundation for technological awareness.



11

SOLAR LANTERN DISTRIBUTION




Solar Lantern Distribution

Over the last two years, we have distributed 200 solar lanterns, each with a 4-hour backup, to H&T laborers. These lanterns provide reliable lighting for evening activities, reduce the risk of accidents and fire hazards, and enhance safety during night time travel in poorly lit areas. They also help reduce exposure to harmful smoke from traditional lamps, thereby improving overall health and well-being.






12

INSTALLATION OF SAFE RO DRINKING WATER PLANTS AROUND THE FACTORY



Safe Drinking Water Initiative

We have installed six RO plants in nearby villages, each with a capacity of 500 liters per hour. To date, around 23,000 people have benefited from access to clean drinking water. Additionally, two tankers, each with a capacity of 3,000 liters, deliver safe drinking water to areas without direct access. This initiative has significantly reduced waterborne illnesses and has improved the general health of the community. Through continuous water testing and maintenance, we ensure a reliable and sustainable supply of clean water.



Around
23,000
people have benefited
clean drinking water

13

DALMIA INSTITUTE OF KNOWLEDGE AND SKILL HARNESSING, KOLHAPUR

About Dalmia Bharat Foundation –

Dalmia Bharat Foundation operates within three key areas – Climate Action (Soil & Water Conservation and access to Clean Energy) Livelihood Skill Training and Social Development. These programs combine in-depth, long-term plans and strategies along with medium and short term initiatives and campaigns. Owing to the great differences across locations, DBF has adopted a flexible, multi-intervention approach that allows programs and people to grow together and sustain each other. The three focus areas have been derived from the felt needs of the community and issues material to the business.



Annexure No.08

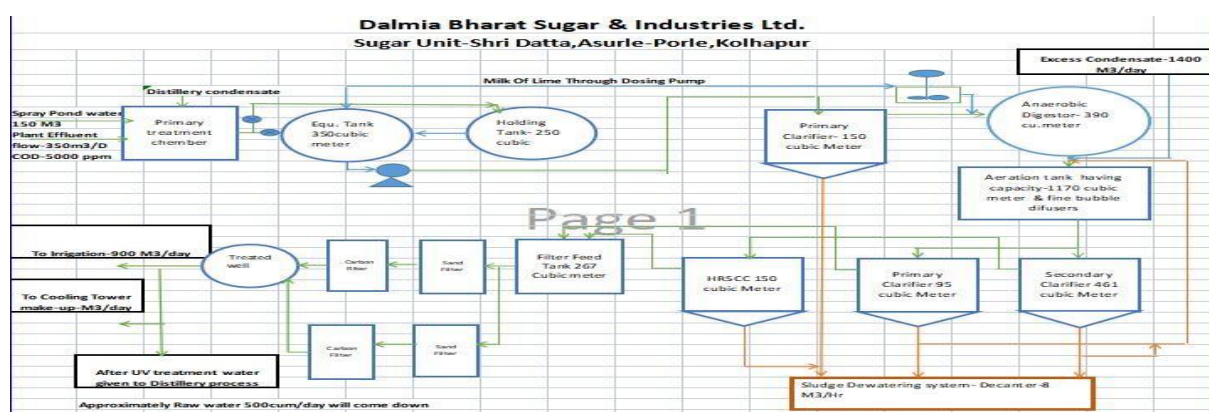
**Photographs showing Existing Air Pollution Control Measures
with Online Monitoring System**



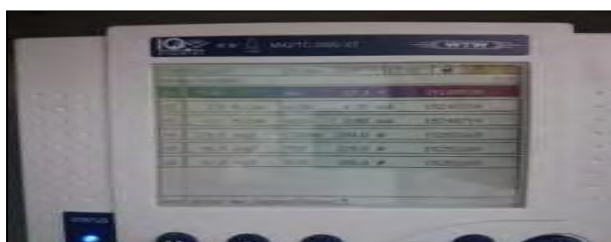
Effluent Treatment Plant & Condensate Polishing Unit



ETP & CPU Flow Diagram



ETP Online monitoring system Display



Probe for online monitoring of Treated water quality



ETP inlet Effluent Flow meter



ETP Outlet flow meter



ASH BRICK MANUFACTURING UNIT

The ash generated in the plant is utilized in in-house brick manufacturing facility and balance given to brick manufacturers units.



Annexure -09

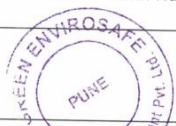
Environment Quality Monitoring Reports:

Ambient Air Quality Monitoring Reports



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV, Village Nighoje, Tal. Khed,
Dist. Pune-410501. Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesec12@gmail.com | www.greenenvirosafe.co.in

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
and ISO/IEC 17025:2017 (NABL), ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No: -	GESEC/PRO/AAQM/2024-25/10/133		Report Date	11/10/2024
Sample ID: -	GESEC/PRO/AAQM/2024-25/10/133			
Name & Address of the Customer	M/s Dalmia Bharat Sugar & Industries Ltd. A/p- Asurle - Porle, Tal- Panhala, Dist- Kolhapur.			
Ambient Air Sample Details				
Type	Sampling Location		Sampling done by	
Ambient Air	Near Boiler - Distillery Gate		M/s SAHYADRI ENVIROCARE	
Sampling Time				
Start Time	Stop Time		Total Hrs.	
10.30 am	18.30 pm		8 Hrs.	
Metrological Data/Environmental Conditions				
Ambient Temperature °C	34	Wet Bulb Temperature °C	28	
Dry Bulb Temperature °C	34	Relative Humidity % RH	66	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
07/10/2024	08/10/2024	08/10/2024	11/10/2024	
Name of Instrument	ADS - SE/ADS-01	Date of Calibration	02/09/2024	
Calibration Certificate No.	TECH/CAL/2024/09.A/01/02/03/04	Due Date of Calibration	01/09/2025	
Name of Instrument	HVS- SE/HVS-01	Date of Calibration	02/09/2024	
Calibration Certificate No.	TECH/CAL/2024/09.A/05/06	Due Date of Calibration	01/09/2025	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	CPCB Guidelines, Volume I ,36/2012-13, Page no. 01	µg/m ³	≤ 80	17.8
Nitrogen Dioxide (NO ₂)	CPCB Guidelines, Volume I ,36/2012-13, Page no. 07	µg/m ³	≤ 80	22.4
Particulate Matter PM ₁₀	CPCB Guidelines, Volume I ,36/2012-13, Page no. 11	µg/m ³	≤ 100	68
Particulate Matter PM _{2.5}	CPCB Guidelines, Volume I ,36/2012-13, Page no. 15	µg/m ³	≤ 60	32
Remark-				
➤ All above results are within National Ambient Air Quality standards.				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div>  </div> <div> <p>Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By</p> </div> </div>				

END OF REPORT

Page 1 of 1


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- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- MoEF approved by Quality Council of India till 28/02/2026 and NABL approved by Quality Council of India till 28/02/2026

Annexure 09

Environment Monitoring Report :

ETP OUTLET REPORT

MAHARASHTRA POLLUTION CONTROL BOARD REGIONAL LABORATORY, CHIPLUN				
Phone no. : 02355-261970 Visit us at : http://mpcb.gov.in mail : mpcbchiplunlab@mpcb.gov.in	 "Your Service is our Duty"	Regional Laboratory, Chiplun, Maharashtra Pollution Control Board, 105,106 Parkar Complex, 1st Floor, Behind Nagar Parishad, Chiplun, Dist. Ratnagiri. 415 605		
Test Report No.: MPCB/RL-Chiplun/JVS/24-25/02/161-B Date: 24/02/2025 06:13 PM				
Analysis Report-Water (JVS)				
Field Sample ID :	BR-0089552			
Name & Address of the Industry	Dalmia Sugar and Industries Ltd. Sugar Unit- Shri Datta, Asurle-Porle Dist. Kolhapur R12 Sugar (excluding Khandasari)			
Sampling Location :	ETP (Outlet)			
Lab code :	MPCB/RL-Chiplun/JVS/24-25/1348			
Sampling Method(s) :	Sample Details (Water/Air/HW) :	Water		
Sampling drawn by (Officer name):	FO-Kolhapur (Shri. Rohidas R. Mavkar)	Sample Volume Received :		
Sample submitted by (Name) :	FO-Kolhapur (Shri. Rohidas R. Mavkar) (SRO-Kolhapur)	Seal No. : 173		
Date of Sample Collection.(dd/mm/yyyy) :	27/02/2025 05:30 PM	Date of Sample receipt to Laboratory (dd/mm/yyyy) : 28/01/2025 05:48 PM		
Analysis start Date (dd/mm/yyyy). :	30/01/2025 12:43 PM	Analysis end Date (dd/mm/yyyy). : 24/02/2025 05:49 PM		
Test Report				
Sr.No	Parameter	Results	Unit	Method Adopted
1	pH	8.0		APHA 24th Edition 4500-H+ B (Electrometric Method)
2	Total Dissolved Solids(TDS)	637.0	mg/l	APHA 24th Edition 2540 C
3	Suspended Solids (SS)	17.0	mg/l	APHA 24th Edition 2540 D (Gravimetric Method)
4	Biochemical Oxygen Demand (BOD)	18.0	mg/l	IS 3025 (Part 44)
5	Chloride	69.13	mg/l	APHA 24th Edition 4500-Cl B (Argentometric Method)

Page 1 of 2

Sr.No	Parameter	Results	Unit	Method Adopted
6	Chemical Oxygen Demand (COD)	80.0	mg/l	APHA 24th Edition 5220 B (Open Reflux Method)
7	Sulphate	89.44	mg/l	APHA 24th Edition 4500-SO4 E (Turbidimetric Method)
8	Oil & Grease	BDL	mg/l	APHA 24th Edition 5520 B (Liquid-Liquid, Partition-Gravimetric Method)

Abbreviations: - BDL=Below Detectable limit, N.D.=Not Detected, N.A.= Not Analyzed

Remarks:
Remark for Amended Report:
Remark: - Note: This test report refers only to the sample submitted for the testing.
Results Compiled by: Dayanand Tare
Results Approved by: Dayanand Tare
Results Reviewed by: Dayanand Tare

This is an Electronically generated report does not require signature

Note :
1. The results refer to the samples and parameters requested for analysis.
2. Abbreviations:- BDL=Below Detectable limit, N.D.=Not Detected, N.A.= Not Analyzed
3. The Contents of this Report shall not be reproduced in part or in full without written approval of laboratory.

Dayanand Tare
Scientific Officer,
I/c Regional Laboratory,
Chiplun,

End of The Report

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Page 2 of 2

Annexure 09

Environment Monitoring Report:

Ground water Analysis report : WELL WATER

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 02355-261970 Fax : - Email : mpcbchiplunlab@mpcb.gov.in Website : http://mpcb.gov.in	 "Your Service is our Duty"	Regional Laboratory Regional Laboratory, Chiplun, Maharashtra Pollution Control Board, 105,106 Parker Complex, 1st Floor, Behind Nagar Parishad, Chiplun, Dist. Ratnagiri. 415 605
---	---	--

Report Outward No.: MPCB/RL-Chiplun/Environment/24-25/03/35-B
Date: 17/03/2025 07:09 PM

Analysis Report-Water (Environment)

Client/Industry/location Name & Address
Shri. Tukaram Jadhav

Sample Details	
Field Sample ID :	BR-0091182
Laboratory Sample Code :	MPCB/RL-Chiplun/ENV/24-25/423
Sample Details (Water/Air/HW) :	Water
Sample Volume Received :	
Sample Collected By :	FO-Kolhapur(Shri. Rohidas R. Matkar) (SRO-Kolhapur)
Seal No. :	173
Type of Industry / Location details :	
Sample Collected On :	Feb 24 2025 06:55:00:000PM

Sr.No	Parameter	Result	Unit	Method of analysis
1	pH	7.9		
2	Total Dissolved Solids(TDS)	457.0	mg/l	
3	Suspended Solids (SS)	13.0	mg/l	
4	Biochemical Oxygen Demand (BOD)	4.6	mg/l	
5	Chloride	40.39	mg/l	
6	Chemical Oxygen Demand (COD)	32.0	mg/l	
7	Sulphate	14.63	mg/l	
8	Oil & Grease	BDL	mg/l	

Report Type: final

Report generated on: 17/03/2025 06:53 PM

Complied & Approved by: Dayanand Tare

Reviewed on Date: 17/03/2025 07:09 PM

Reviewed by: Dayanand Tare

Annexure 09

Environment Monitoring Report:

NOISE LEVEL MONITORING REPORT



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV,
Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.
Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafeteng@gmail.com, gesecl2@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No: -	GESEC/PRO/ANLM/2024-25/02/534		Report Date	25/02/2025
Sample ID: -	GESEC/PRO/ANLM/2024-25/02/534			
Name & Address of the Customer	M/s Dalmia Bharat Sugar & Industries Ltd. A/p- Asurle - Porle, Tal- Panhala, Dist- Kolhapur.			
Ambient Noise Sample Details				
Type	Ambient Noise & Work zone Noise			
Sampling done by	M/s SAHYADRI ENVIROCARE			
Standard method	GESEC/LAB/NLM/ST/31			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
17/02/2025	17/02/2025	17/02/2025	17/02/2025	
Name of Instrument	SE/NM-01	Date of Calibration	02/09/2024	
Calibration Certificate No.	TECH/CAL/2024/09.A /11	Due Date of Calibration	01/09/2025	
Test Location	Unit	Average Noise Level Readings		CPCB Standards dB(A)
		Day	Night	
Near Main Gate	dB(A)	63.5	60.6	During Day time = 75 dB (A)
Near Distillery Fermentation	dB(A)	68.5	64.2	During Night time= 70dB(A)
Near Distillery Boiler Area	dB(A)	74.7	69.6	
Near Turbine Area	dB(A)	74.1	69.1	
Sugar Packaging Area	dB(A)	72.4	69.8	
Remark-				
➤ The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.				
Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By				

END OF REPORT



Page 1 of 1

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- If on site their is no proper sampling location, Source or port available the results of testing are not challenge.
- MoEF approved lab by Govt. of India. till 28/02/2026 and NABL approved by Quality Council of India. till 28/02/2026.

Annexure 09

Environment Monitoring Report:

STACK MONITORING REPORT

Stack Monitoring Report – Distillery Boiler



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV,
Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.
Mob + 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesec12@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No	GESEC/PRO/ST/2024-25/02/531	Report Date	25/02/2025	
Sample ID -	GESEC/PRO/ST/2024-25/02/531			
Name & Address of the Customer	M/s Dalmia Bharat Sugar & Industries Ltd. A/p- Asurle – Porle, Tal- Panhala, Dist- Kolhapur.			
Sample Details				
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
17/02/2025	18/02/2025	18/02/2025	25/02/2025	
Instrument Details				
Name of Instrument	SE/SMK	Date of Calibration	30/11/2024	
Calibration Certificate No.	EIPL/SMK/2024-25/444	Due Date of Calibration	30/11/2025	
Stack Details				
Stack No/ID	Stack Attached to	Sampling done by		
01	Boiler – 21 TPH Distillery	M/s SAHYADRI ENVIROCARE		
Shape	Round	Fuel Used	Spent Wash / Bagasse	
Diameter/ Dimensions (m)	2.5	Pressure	760	
Height (m)	62			
Temperature (°C)	143	Velocity (m/s)	7.8	
Gas Volume (m³/Sec)	98492.20			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	EPA METHOD 17: 2017	Mg/Nm³	150	38
Sulphur Dioxide (SO₂)	EPA METHOD 06: 2017	Kg/Hr	N.S	3.6
Remarks:				
➤ All above results are well within MPCB Limit.				

END OF REPORT



Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By
Page 1 of 1

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- If on site their is no proper sampling location, Source or port available the results of testing are not challenge.
- MoEF approved Lab by Govt. of India. till 28/02/2026 and NABL approved by Quality Council of India. till 28/02/2026.

Annexure 09

Environment Monitoring Report:

Stack Monitoring Report –Sugar & Cogen Boiler-120 TPH



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV,
Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.
Mob + 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesec12@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No	GESEC/PRO/ST/2024-25/02/532	Report Date	25/02/2025	
Sample ID -	GESEC/PRO/ST/2024-25/02/532			
Name & Address of the Customer	Dalmia Bharat Sugar & Industries Ltd. A/p- Asurle - Porle, Tal- Panhala, Dist- Kolhapur.			
Sample Details				
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
17/02/2025	18/02/2025	18/02/2025	25/02/2025	
Instrument Details				
Name of Instrument	SE/SMK	Date of Calibration	30/11/2024	
Calibration Certificate No.	EIPL/SMK/2024-25/444	Due Date of Calibration	30/11/2025	
Stack Details				
Stack No/ID	Stack Attached to	Sampling done by		
02	Co- Gen 120 TPH	M/s SAHYADRI ENVIROCARE		
Shape	Round	Fuel Used	Bagasse/ Coal	
Diameter/ Dimensions (m)	3.8	Pressure	760	
Height (m)	75			
Temperature (°C)	158	Velocity (m/s)	6.4	
Gas Volume (Nm ³)	180214.80			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	EPA METHOD 17: 2017	Mg/Nm ³	150	42
Sulphur Dioxide (SO ₂)	EPA METHOD 06: 2017	Kg/Hr	226	5.1
Remarks-				
➤ All above results are well within MPCB Limit.				
END OF REPORT				



V. Hande
Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By
Page 1 of 1

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- If on site their is no proper sampling location, Source or port available the results of testing are not challenge.
- MoEF approved Lab by Govt. of India, till 28/02/2026 and NABL approved by Quality Council of India, till 28/02/2026.

Stack Monitoring Report –Sugar & Cogen Boiler-40 TPH



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV,
Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.
Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesec12@gmail.com

Recognised by Ministry of Environment and Forests (MoEF) / Central Pollution Control Board Govt. of India (CPCB)
ISO 9001:2015, ISO 45001 : 2018 and ISO 14001 : 2015 Certified Company

TEST REPORT				
Test Report No	GESEC/PRO/ST/2024-25/02/533	Report Date	25/02/2025	
Sample ID -	GESEC/PRO/ST/2024-25/02/533			
Name & Address of the Customer	Dalmia Bharat Sugar & Industries Ltd. A/p- Asurle – Porle, Tal- Panhala, Dist- Kolhapur.			
Sample Details				
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
17/02/2025	18/02/2025	18/02/2025	25/02/2025	
Instrument Details				
Name of Instrument	SE/SMK	Date of Calibration	30/11/2024	
Calibration Certificate No.	EIPL/SMK/2024-25/444	Due Date of Calibration	30/11/2025	
Stack Details				
Stack No/ID	Stack Attached to	Sampling done by		
03	40 TPH Sugar	M/s SAHYADRI ENVIRO CARE		
Shape	Round	Fuel Used	Bagasse/ Coal	
Diameter/ Dimensions (m)	2.3	Pressure	760	
Height (m)	75			
Temperature (°C)	133	Velocity (m/s)	5.3	
Gas Volume (Nm ³)	58039.82			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	EPA METHOD 17: 2017	Mg/Nm ³	150	46
Sulphur Dioxide (SO ₂)	EPA METHOD 06: 2017	Kg/Hr	156	4.8
Remarks-				
➤ All above results are well within MPCB Limit.				

END OF REPORT



Mr. Vinod Hande
(Technical Manager)
Reviewed & Authorized By

Page 1 of 1

Terms and conditions

- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional or publicity purpose without the written consent of laboratory, GESEC.
- Samples will be retained for a period of seven (7) days after completion of analysis. Longer retention periods can be arranged, on request of the customer.
- We strictly maintain the confidentiality of all test result of sample(s) collected by us/ supplied by customer and not reveal to third party unless required by the statutory or legal requirement.
- If on site there is no proper sampling location, Source or port available the results of testing are not challenge.
- MoEF approved Lab by Govt. of India. till 28/02/2026 and NABL approved by Quality Council of India. till 28/02/2026.

Annexure 10

Newspaper advertisements for accordance of Environmental Clearances :

EC granted Expansion of Distillery (120 KLPD Molasses/Cane juice/Cane syrup) to (250 KLPD Molasses/Cane juice/Cane syrup/Grain) by addition of 130 KLPD Cane juice/Cane syrup/Grain and Sugar Mill (9000 TCD to 12000 TCD) .

Advertisement published in

1.Local Marathi Paper “LOCKMAT” Kolhapur edition dated 14.05.2024 (Page No.5).

लोकमत

डालमिया भारत शुगर अँड इंडस्ट्रीज लि.

युनिट श्री दत्त, आसुर्ले-पोर्ले, ता. पन्हाळा, जि. कोल्हापूर

• जाहीर निवेदन •

आमच्या आसवनी प्रकल्पाच्या क्षमतेचे १२० किलोलीटर प्रतिदिन (मोलॅसिस / केन ज्यूस / केन सिरप) ते २५० किलोलीटर प्रतिदिन (मोलॅसिस / केन ज्यूस / केन सिरप / ग्रेन) व साखर कारखान्याची प्रतिदिन गाळप क्षमता ९००० मेट्रीक टन (TCD) ते १२००० मेट्रीक टन (TCD) विस्तारीकरण करणेकरिता मिनिस्ट्री ऑफ एन्व्हॉयरमेंट फॉरिस्ट अँड क्लायमेट चेंज, नवी दिल्ली यांचेकडून एन्व्हॉयरमेंटल क्लियरन्स मिळालेला असून त्याची प्रत MPCB/COMMITTEE व मंत्रालयाच्या <https://parivas.nic.in/> या संकेतस्थळावर उपलब्ध आहे.

सही/-
डेप्युटी एक्झिक्युटिव्ह डायरेक्टर

Kolhapur Main
Page No. 5 May 14, 2024
Powered by: erelego.com

2.EC granted Advertisement published in English Paper “The Times Of India” Kolhapur edition dated 14.05.2024 (Page No.8)

THE TIMES OF INDIA, KOLHAPUR
WEDNESDAY, MAY 15, 2024

Dalmia Bharat Sugar and Industries Limited
Unit - Shri Datta, Village Asurle - Porle, Tehsil Panhala,
Dist. Kolhapur, Maharashtra-415228

PUBLIC NOTICE

Our unit has been granted Environmental Clearance for Expansion of Distillery (120 KLPD Molasses / Cane Juice / Cane Syrup) to (250 KLPD Molasses / Cane Juice / Cane Syrup / Grain) by addition of 130 KLPD Cane Juice / Cane Syrup / Grain and Sugar Mill (9000 TCD to 12000 TCD) by Ministry of Environment Forest and Climate Change, Government of India. The copy of the clearance letter is available with MPCB / Committee and on website <https://parivash.nic.in/>

Sd/-
(Deputy Executive Director)

यूनियन बँक **Union Bank of India**
(A Government of India Undertaking)
1st Floor, The Capital, Opp. Indus Garden, Shri Datta Road, Nashik - 422002.

PREMISES REQUIRED ON LEASE BASIS

Union Bank of India requires a well-constructed commercial premises admeasuring as mentioned in below table in ready possession (having completion certificate) OR plot owners ready to construct the premises (should be legally completed in all respect) within 3 months from the date of approval, with adequate parking space as per the Bank's specification at its own cost.

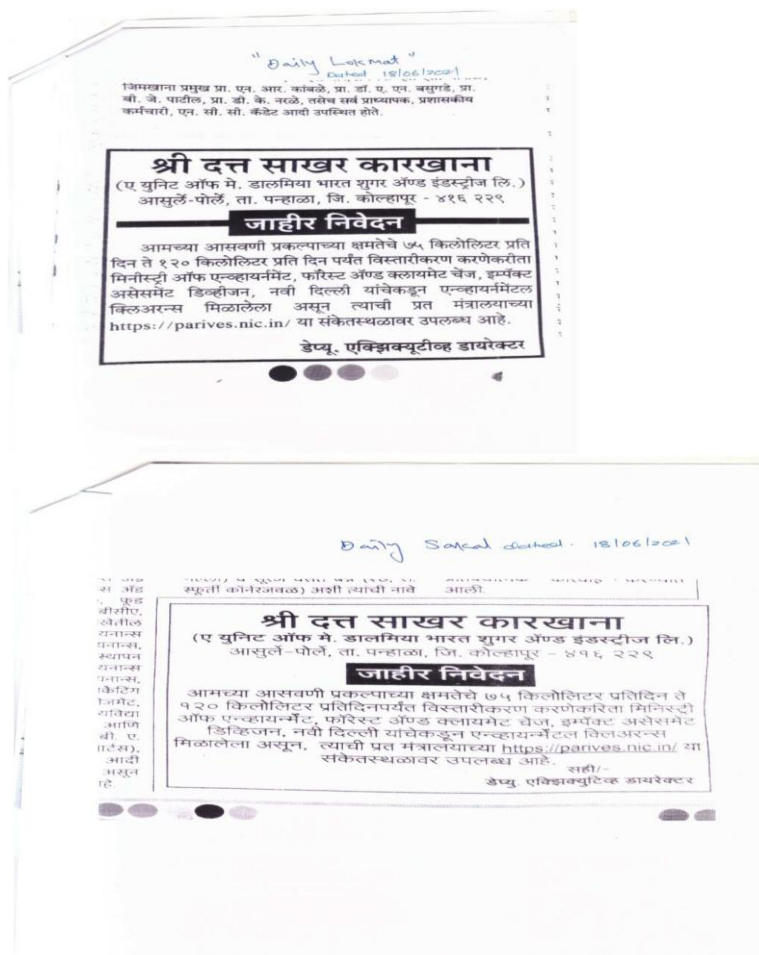
Branch Name	Carpet Area Sq.ft.	Address
Dhule 3	1200 ± 10%	At Post Dhule, Teh. & District Dhule
Ringangan	1200 ± 10%	At Post Ringangan, Teh. Ennedi, District - Jalgaon
Railway Colony Bhusewal	1400 ± 10%	At Railway Colony Bhusewal, Teh. Bhusewal, District - Jalgaon

Prospective vendors holding ownership or power to negotiate on behalf of owners may collect the technical bid and price bid formats from Union Bank of India, at above

Annexure 10

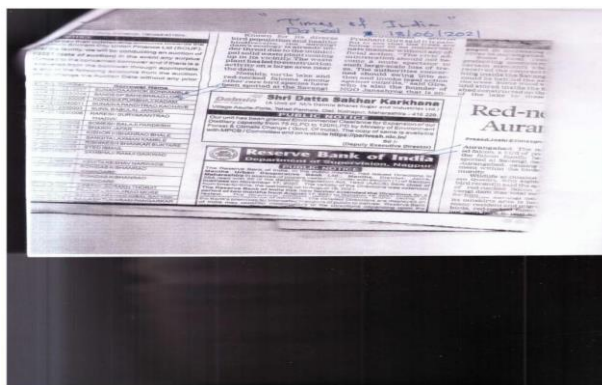
Newspaper advertisements for accordance of Environmental Clearances:

DAILY SAKAL -MARATHI NEWS PAPER



ADVERTIZEMENT : Dated 18.06.2021 TIMES OF INDIA -ENGLISH NEWS PAPER

ADVERTIZEMENT : Dated 18.06.2021



Annexure No. 11

ENVIRONMENT STATEMENT FORM V FOR SUGAR AND COGEN UNIT



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000073502

Submitted Date

28-09-2024

PART A

Company Information

Company Name

Dalmia Bharat Sugar and Industries Ltd
,Sugar Unit ,Asurle -Porle Dist.Kolhapur

Application UAN number

MPCB-CONSENT-0000174240

Address

Dalmia Bharat Sugar and Industries Ltd
,Sugar Unit ,Asurle - Porle, Dist. Kolhapur
pin - 416229

Plot no

1746,1748 to 1756 Asurle-Porle

Taluka

Panhala

Village

Asurle - Porle

Capital Investment (In lakhs)

3872..648

Scale

LSI

City

Asurle - Porle

Pincode

416229

Person Name

Mr.S.Rangaprasad

Designation

Unit Head

Telephone Number

9130099744

Fax Number

2328236115

Email

gojare.pravin@dalmiasugar.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement
submitted online

yes

Consent Number

Format 1.0/CAC/UAN No. MPCBCONSENT-
0000174240/CR/2312000887

Consent Issue Date

2023-12-08

Consent Valid Upto

2026-07-31

Establishment Year

2013

Date of last environment statement
submitted

Sep 30 2023 12:00:00:000AM

Industry Category Primary (STC Code)
& Secondary (STC Code)

Product Information

Product Name

Sugar

Consent Quantity

437400

Actual Quantity

137603

UOM

MT/A

Electricity

32

23

Mwh

By-product Information

By Product Name

Molasses

Consent Quantity

129600

Actual Quantity

40250

UOM

MT/A

Annexure No. 11

ENVIRONMENT STATEMENT FORM V FOR DISTILLERY UNIT



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000074156

Submitted Date

30-09-2024

PART A

Company Information

Company Name

Dalmia Bharat Sugar & Industries Ltd , Distillery Unit ,Asurle- Porle

Application UAN number

MPCB- CONSENT-0000144104

Address

Dalmia Bharat Sugar and Industries Limited Distillery unit) Village Asurle -Porle, Tehsil Panhala, District Kolhapur Maharashtra PIN 416229.

Plot no

1764,1765,1852,1855 Asurle -Porle

Taluka

Panhala

Village

Asurle -Porle

Capital Investment (In lakhs)

967.63

Scale

LSI

City

Asurle -Porle

Pincode

416229

Person Name

Mr. S.Rangaprasad

Designation

Unit Head

Telephone Number

9130099744

Fax Number

02328236115

Email

gojare.pravin@dalmiasugar.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

no

Consent Number

Format 1.0/CAC/UAN No. MPCBCONSENT- 0000144104 /CR/2211000824

Consent Issue Date

2022-11-11

Consent Valid Upto

2025-08-31

Establishment Year

2015

Date of last environment statement submitted

Sep 30 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Rectified Spirit /Extra Neutral Alcohol /Ethanol

Consent Quantity

43800

Actual Quantity

19796

UOM

KL/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

KL/A