

DBSIL/ MOEF & CC- EC Comp. / 85 / 2024-25

Date 02.05.2024

To.
The Regional Officer (West Central Zone),
Ministry of Environment Forest & Climate Change,
New Secretariat Building,
Nagpur-440001.

Sub.: Submission of Six monthly Compliance report of Environment Clearances for the period
from 1st October 2023 to 31st March 2024 reg.

Ref : 1. EC vide letter No. J -11011/277/2013-IA II (I) dated 04th February, 2015.
2. EC vide letter No. J -11011/305/2016-IA II (I) dated 10th August, 2017.
3. EC vide letter No. J -11011/305/2016-IA II (I) dated 04th August, 2021.

Respected Sir,

With reference to the above subject please find attached the Six monthly point wise
compliance report for Environment Clearances for the period from **1st October 2023 to
31st March 2024** for –

1. 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 .
2. 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) .
3. Expansion of Molasses based Distillery from 75 KLPD to 120 KLPD using molasses / Sugar Cane Juice/Sugar Cane Syrup.


This is 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 2023 to 31st March 2024.
C.C to : The Regional Officer MPCB Kolhapur.

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

**Six Monthly EC Compliance Report for the Period :
From 1st OCTOBER 2023 to 31st March 2024.**

As per the conditions stipulated in the Environmental Clearances,

- 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.

For

1. 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.
2. 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).
3. Expansion of Molasses based Distillery from 75 KLPD to 120 KLPD using molasses /Sugar Cane Juice/Sugar Cane Syrup.

Of

M/s Shri Datta Sakhar Karkhana,

(A Unit of M/s Dalmia Bharat Sugar and Industries Ltd)

Village Asurle- Porle, Taluka Panhala, District Kolhapur, Maharashtra.



Six Monthly point wise compliances of conditions stipulated in Environmental Clearances are given as under:

I . 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.

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/NM ³ . 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 / Nm ³ . Pollution control systems are interlocked with production process. <ul style="list-style-type: none"> • Latest Stacks monitoring results are enclosed as Annexure – 1. • 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 1.
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	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

	Maharashtra Pollution Control Board (MPCB.)	& 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. Photographs are enclosed as Annexure 2
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 3 . 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 Odor, 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 drawl of 1250 m ³ /day water shall be obtained from the competent authority and submitted to the MoEF & CC Regional office.	Complied. We have recycled back our CPU and ETP treated water in the process hence fresh water consumption is reduced by 35%.
ix	Spent Wash generation for Molasses shall not exceed 8 KL/KL of alcohol produced (i.e 480 m ³ per day). The spentwash 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.	Complied. Spent wash generation from molasses has not exceeded 8 KL / KL of Alcohol production. 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. No effluent is being / will be discharged outside the distillery plant premises and Zero Effluent Discharge condition is being followed. Impervious RCC lagoon with HDPE lining has been provided, having spent wash storage capacity not more than 5 days. Photographs has been attached as Annexure - 04.
x	In any case, no waste water/ treated effluent shall be discharged into river/ natural stream. Domestic effluent shall be treated in Treatment plant. In any case, no waste water/ treated effluent shall be discharged into river/ natural stream. Domestic effluent shall be treated in Treatment plant.	Complied 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 5. 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-05. 4. As per the monitoring carried out by MPCB treated effluent quality found to be within the limits prescribed in consent granted by MPCB.

		<p>5.Domestic Effluent is being treated in Septic tank & Soak pits and reused for gardening. No any no waste water/ treated effluent shall bedischarged into river/ natural stream.</p>
xi	<p>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>	<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 6.</p>
xii	<p>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>	<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	<p>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>	<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.

		Photographs has been attached as Annexure - 07.
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 made to control fire from the alcohol storage tank.	Complied. Full-fledged firefighting / Fire Hydrant system is installed to cover complete Distillery, Sugar & Co-generation power plant. Photographs has been attached as Annexure - 08.
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. Letter of approved drawing has been attached as Annexure 09.
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 center is available with trained manpower. Medical records are being maintained at the plant. Sample Health reports have been attached as Annexure 10.
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 - 11.
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/ 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.	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. ● Socio- Economic development activities being carried out by the company along with the expenditure incurred attached as Annexure-12. ● Expenditures on ESC activities during the Period 1st October 2023 to 31 st March 2024 is Rs 57,07,987/- The Photographs & details are attached as Annexure-12.
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 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 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.	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 levels found to be within prescribed limits. AAQM monitoring reports are attached as Annexure No. 03
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 Complied AAQM monitoring reports are attached as Annexure No. 03
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).	Acoustic enclosures have been provided. Noise level monitoring during day and night time was carried out and the reports have been attached as Annexure 13

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 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.
vii	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.14.
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.	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.
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.	Completed 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-12. Expenditures on ESC activities during the Period 1st October 2023 to 31 st March 2024 is Rs 57,07,987/- The Photographs & details are attached as Annexure-12.
x	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.

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.	Complied. Separate Environmental Management Cell equipped with full-fledged laboratory facilities to carry out the Environmental Management & Monitoring functions has been set up.
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.	Complied. The funds earmarked for Environmental protection measures are kept in a separate account and never spend on other purposes.
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, ZilaParisad / 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&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.

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 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 – 17 .
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.	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 – 18 .
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.
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-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	Noted and agreed for the same

	boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.	
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

II . 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 11.
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 undertaken 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. <ul style="list-style-type: none"> ● Socio- Economic development activities being carried out by the company along with the expenditure incurred attached as Annexure-12. ● Expenditures on ESC activities during the Period 1st October 2023 to 31st March 2024 is Rs 57,07,987/- The Photographs & details are attached as Annexure-12.
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 same have been incorporated as in Annexure -12.
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 -01.
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 -10
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 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.	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 levels found to be within prescribed limits. AAQM monitoring reports are attached as Annexure No. 03
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. 03
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 13.
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 be 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 training is implemented under the supervision of Safety department and safety Committee. The Safety Trainings photographs are attached as Annexure 14. We have conducted the periodical medical examination of all employees is carried out. Employee Health reports are attached as Annexure 10.

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.	<p>Complied</p> <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. ● 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>An amount of Rs 57,07,987/- has been spent towards CSR activities during 1ST October 2023 to 31st March 2024.</p> <p>Details are attached as Annexure-12.</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.	Complied. 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.
xv	The Environmental statement for each financial year ending 31st March in Form-Vas 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 – 15.
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 – 16.

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-Vto the Maharashtra Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986. Sugar with Cogen & Distillery Environmental Statement reports are enclosed as Annexure – 15.
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

III . 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 isto 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 pag 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 time to time. The River water lifting agreement copy have been attached as Annexure 17 .
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 reports have been attached as Annexure 10.
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 14.
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.	Complied

	<p>(d) Use of Close Feed system into batch reactors.</p> <p>(e) Venting equipment through vapor recovery system.</p> <p>(f) Use of high-pressure hoses for equipment clearing to reduce waste water generation.</p>	Complied
xii	<p>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>	<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 11.</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	<p>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>	<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 12 and Photographs of CSR Activity have been attached as Annexure 12. Total expenditure is Rs 57,07,987/-</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.	Complied 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.
xv	Storage of raw materials shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Complied Storage of finished goods in covered sheds to prevent dust pollution and other fugitive emissions.
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 same have been incorporated as Annexure -1
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	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.

	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.	
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 (Protection) Act, 1986 Rules, 1989 viz. 75dBA (day time) and 70 dBA (night time).	Acoustic enclosures have been provided to equipment's. Noise level monitoring during day and night time is carried out and which is with the limit. The Noise monitoring report is attached as Annexure 13.
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.	Agreed for compliance. 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 as Annexure-12. ☐ Expenditures on ESC activities during the period 1st October 2023 to 31 st March 2024 is Rs 57,07,987/- The Photographs are Attached as Annexure-12 .
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.	Complied. The funds earmarked for Environmental protection measures are kept in a separate account and never spend on other purposes.

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.	Complied 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 – 16.
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	<p>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.</p>	<p>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 – 16.</p>
x	<p>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.</p>	<p>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 – 15.</p>
xi	<p>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.</p>	<p>Noted & Agreed for compliance.</p>
20	<p>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.</p>	<p>Noted & Agreed for compliance.</p>

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 theWater (Prevention & Control of Pollution)Act, 1974, the Air Prevention & Control ofPollution) Act, 1981, the Environment(Protection) Act, 1986, The Hazardous Waste (Management, Handling and Trans boundary Movement) Rules, 2016 and thePublic Liability Insurance Act, 1991 read with subsequent amendments therein.	Noted & Agreed for compliance.
24	This issues with the approval of competent authority.	Noted.

Dalmia Bharat Sugar & Industries Ltd .

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



Stack Monitoring Report - Sugar & Cogen 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, gesecc12@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/2023-24/12/40	Report Date	09/12/2023	
Sample ID -	GESEC/PRO/ST/2023-24/12/40			
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	
04/12/2023	05/12/2023	05/12/2023	09/12/2023	
Instrument Details				
Name of Instrument	SE/SMK-02	Date of Calibration	23/12/2022	
Calibration Certificate No.	TECH/CAL/2022/31.F/1/2/3/4/5	Due Date of Calibration	22/12/2023	
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)	149	Velocity (m/s)	5.3	
Gas Volume (Nm ³)	152423.23			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	Mg/Nm ³	150	49
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/Hr	226	10.6
Remarks-				
➤ All above results are well within MPCB Limit.				
				
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By		

****END OF REPORT****

Page 1 of 1

Terms and conditions



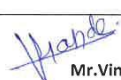
- The report is refer only to the sample tested and not applies to the bulk.
- The results shown in this test report may differ based on various factors including temperature, humidity, pressure, retention time etc.
- The test report cannot be reproduced wholly or in part and cannot be used for promotional 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 revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

Stack Monitoring Report - Sugar & Cogen Boiler



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV,
Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.
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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/2023-24/12/41	Report Date	09/12/2023	
Sample ID -	GESEC/PRO/ST/2023-24/12/41			
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	
04/12/2023	05/12/2023	05/12/2023	09/12/2023	
Instrument Details				
Name of Instrument	SE/SMK-02	Date of Calibration	23/12/2022	
Calibration Certificate No.	TECH/CAL/2022/31.F/1/2/3/4/5	Due Date of Calibration	22/12/2023	
Stack Details				
Stack No/ID	Stack Attached to	Sampling done by		
03	40 TPH Sugar	M/s SAHYADRI ENVIROCARE		
Shape	Round	Fuel Used	Bagasse/ Coal	
Diameter/ Dimensions (m)	2.3	Pressure	760	
Height (m)	75			
Temperature (°C)	136	Velocity (m/s)	5.4	
Gas Volume (Nm ³)	58701.16			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	Mg/Nm ³	150	46
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/Hr	156	11.5
Remarks-				
➤ All above results are well within MPCB Limit.				
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

END OF REPORT

Page 1 of 1

Terms and conditions

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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 Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.




Stack Monitoring Report - Distillery Boiler



GREEN ENVIROSAFE
Engineers & Consultant Pvt Ltd.

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/ST/2023-24/12/39	Report Date	09/12/2023	
Sample ID -	GESEC/PRO/ST/2023-24/12/39			
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	
04/12/2023	05/12/2023	05/12/2023	09/12/2023	
Instrument Details				
Name of Instrument	SE/SMK-02	Date of Calibration	23/12/2022	
Calibration Certificate No.	TECH/CAL/2022/31.F/1/2/3/4/5	Due Date of Calibration	22/12/2023	
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)	136	Velocity (m/s)	7.0	
Gas Volume (m ³ /Sec)	89903.23			
Parameters	Method	Unit	Limit	Result
Total Particulate Matter	IS 11255 (Part 1) 2019	Mg/Nm ³	150	42
Sulphur Dioxide (SO ₂)	IS 11255 (Part 2) 2019	Kg/Hr	N.S	3.6
Remarks:				
➤ All above results are well within MPCB Limit.				
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

END OF REPORT

Terms and conditions

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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 revel to third party unless required by the statutory or legal requirement.
- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

Annexure No.02

Photographs Showing Fugitive Emission Control Measures



Water Spray on Bagasse

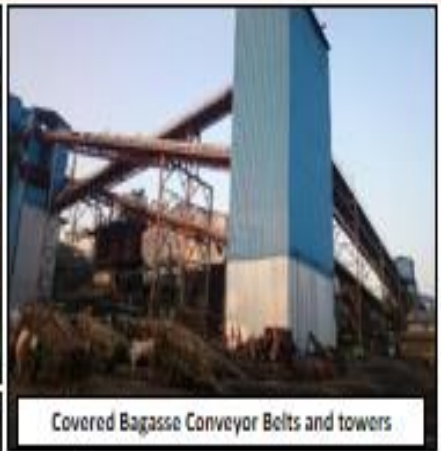




Water sprinkling systems



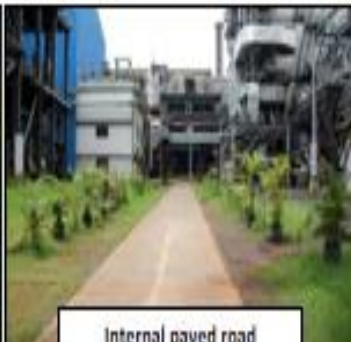
Water sprinkling systems



Covered Bagasse Conveyor Belts and towers



Internal paved road



Internal paved road



Molasses tank



Internal road and conveyor belt





Covered Coal Yard and coal belt conveyors

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-410 501, Maharashtra.
Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesecc12@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/AAQM/2023-24/12/35	Report Date	09/12/2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/12/35			
Name & Address of the Customer	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 Cane Yard	M/s SAHYADRI ENVIROCARE		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
09.30 AM.	17.30 PM	8 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	29	Wet Bulb Temperature °C	21	
Dry Bulb Temperature °C	29	Relative Humidity % RH	48	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/12/2023	05/12/2023	05/12/2023	09/12/2023	
Name of Instrument	ADS – SE/ADS-01	Date of Calibration	03/09/2023	
Calibration Certificate No.	TECH/CAL/2023/09.C/01/02/03/04	Due Date of Calibration	02/09/2024	
Name of Instrument	HVS- SE/HVS-01	Date of Calibration	03/09/2023	
Calibration Certificate No.	TECH/CAL/2023/09.C/05/06	Due Date of Calibration	02/09/2024	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	12.5
Nitrogen Dioxide (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	18.2
Respirable Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	62
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	27
Remark-				
➤ All above results are within National Ambient Air Quality standards.				
 ***END OF REPORT***		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By		

Terms and conditions




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5. 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.
6. MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

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-410 501, Maharashtra.
Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesecc12@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/AAQM/2023-24/12/37	Report Date	09/12/2023	
Sample ID: -	GESEC/PRO/AAQM/2023-24/12/37			
Name & Address of the Customer	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 Bagasse Yard	M/s SAHYADRI ENVIROCARE		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
10.00 AM.	18.00 PM.	8 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	29	Wet Bulb Temperature °C	21	
Dry Bulb Temperature °C	29	Relative Humidity % RH	48	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/12/2023	05/12/2023	05/12/2023	09/12/2023	
Name of Instrument	ADS – SE/ADS-03	Date of Calibration	03/09/2023	
Calibration Certificate No.	TECH/CAL/2022/09.C/17/18/19/20	Due Date of Calibration	02/09/2024	
Name of Instrument	HVS- SE/HVS-03	Date of Calibration	03/09/2023	
Calibration Certificate No.	TECH/CAL/2023/09.C/09/10	Due Date of Calibration	02/09/2024	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	19.3
Nitrogen Dioxide (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	25.7
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	69
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	33
Remark-				
➤ All above results are within National Ambient Air Quality standards.				
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

END OF REPORT

Terms and conditions



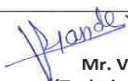
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Ambient Air Quality Monitoring Reports



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV,
Village Nighoje, Tal. Khed, Dist. Pune-410 501, Maharashtra.
Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesecc12@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/AAQM/2023-24/12/38		Report Date	09/12/2023
Sample ID: -	GESEC/PRO/AAQM/2023-24/12/38			
Name & Address of the Customer	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 Distillery Fermentation area	M/s SAHYADRI ENVIROCARE		
Sampling Time				
Start Time	Stop Time	Total Hrs.		
10.15 AM.	18.15 PM.	8 Hrs.		
Metrological Data/Environmental Conditions				
Ambient Temperature °C	29	Wet Bulb Temperature °C	21	
Dry Bulb Temperature °C	29	Relative Humidity % RH	48	
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
04/12/2023	05/12/2023	05/12/2023	09/12/2023	
Name of Instrument	ADS – SE/ADS-04	Date of Calibration	03/09/2023	
Calibration Certificate No.	TECH/CAL/2023/09.C/21/22/23/24	Due Date of Calibration	02/09/2024	
Name of Instrument	HVS- SE/HVS-04	Date of Calibration	24/01/2023	
Calibration Certificate No.	TECH/CAL/2023/01.M/01/02	Due Date of Calibration	23/01/2024	
Parameters	Method	Unit	NAAQ Standards	Result
Sulphur Dioxide (SO ₂)	IS:5182 (PART 2):2017	µg/m ³	≤ 80	14.6
Nitrogen Dioxide (NO ₂)	IS:5182 (PART 6):2018	µg/m ³	≤ 80	25.1
Particulate Matter PM ₁₀	IS:5182 (PART 4):2019	µg/m ³	≤ 100	63
Particulate Matter PM _{2.5}	IS:5182 (PART 24):2019	µg/m ³	≤ 60	28
Remark-	➤ All above results are within National Ambient Air Quality standards.			
				 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By

END OF REPORT

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Five days RCC Spent wash storage tank at Distillery

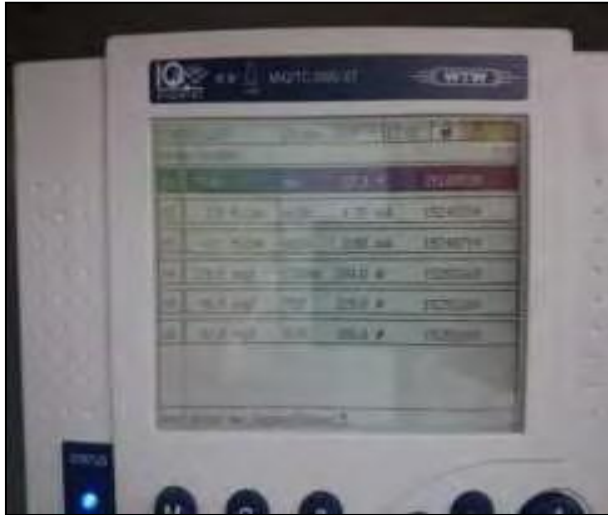


Condensate Polishing Unit & Effluent Treatment Plant



ETP Online monitoring system Display

Probe for online monitoring of Treated water quality

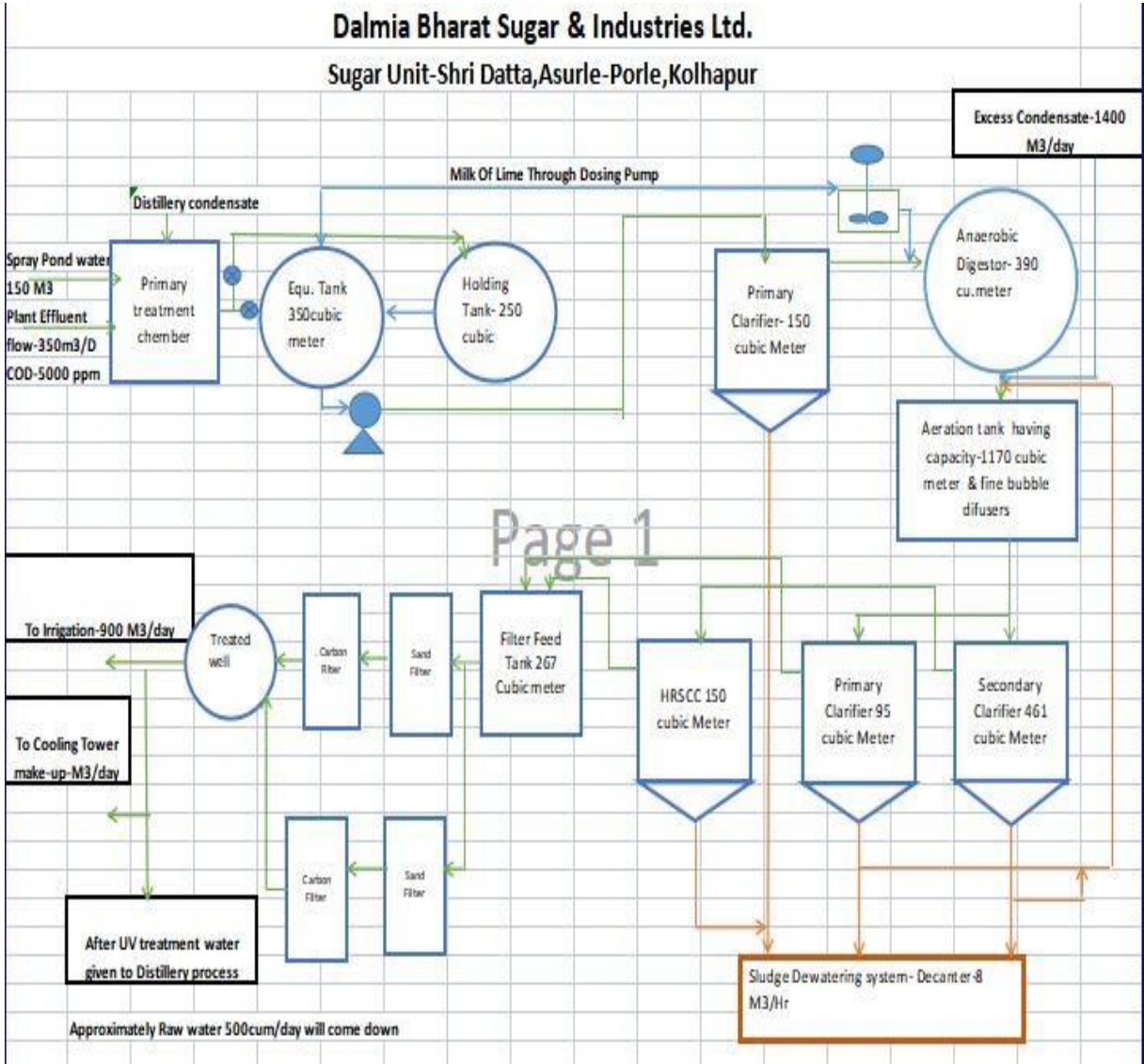


ETP inlet Effluent Flow meter

ETP Outlet flow meter



ETP & CPU Flow Diagram



ETP OUTLET 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 : envirosafeyeng@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/WW/2023-24/12/43	Report Date	09/12/2023		
Sample ID : GESEC/PRO/WW/2023-24/12/43	Sample Details	ETP Outlet		
Name and Address Of the Customer: M/s Dalmia Bharat Sugar & Industries Ltd. A/p- Asurle - Porle, Tal- Panhala, Dist- Kolhapur.	Type of Sample	Waste Water		
	Volume Of Sample	1 Lit plastic bottle		
	Sample Status	Sealed		
	Sample Collected By	M/s SAHYADRI ENVIRO CARE		
	Date of Sample Collection	04/12/2023		
	Sample Receipt Date	05/12/2023		
	Analysis start Date	05/12/2023		
	Analysis End Date	09/12/2023		
Parameters	Results	MPCB Limit	Unit	Standard Method
pH	7.2	5.5-9.0	--	APHA 4500 H+, B 23rd Edition.2017
Suspended Solid	52	<100	mg/l	APHA 2540 D 23 rd ED:2017
Total Dissolved Solid	735	<2100	mg/l	APHA 2540, C, 23rd Edition, 2017
Chemical Oxygen Dissolved (COD)	120	<250	mg/l	IS 3025 (Part 58) , 2019
Biological Oxygen Dissolved (BOD) at 27°C for 3 days	42	<100	mg/l	IS 3025 (Part 44), 2019
Oil & Grease	Nil	<10	mg/l	IS 3025 (Part 39), 2019
Chloride as Cl ⁻	256	<600	mg/l	APHA 4500 Cl- B, 23rd Edition, 2017
Sulphate as SO ₄ ²⁻	378	<1000	mg/l	APHA 3025 (Part 24) ;2019
Remark:				
➤ All parameters are within the MPCB limit.				
		 Mr. Vinod Hande (Technical Manager) Reviewed & Authorized By		


END OF REPORT

Page 1 of 1

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- MoEF approved Lab by Govt. of India. From date. 16/02/2022 to 29/02/2024.

ETP OUTLET REPORT

MAHARASHTRA POLLUTION CONTROL BOARD REGIONAL LABORATORY, CHIPLUN				
Phone no. : 02555-261970 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/23-24/0296		Date: 23/02/2024 02:44 PM		
Analysis Report-Water (JVS)				
Field Sample ID :	BR-0063124			
Name & Address of the Industry	Shree Datta Sakhar Karkhana Asurle Porle A Unit Of Dalmia Bharat Sugar & industries Ltd R12 Sugar (excluding Khandasari)			
Sampling Location :	ETP (Outlet)			
Lab code :	MPCB/RL-Chiplun/JVS/23-24/1367			
Sampling Method(s) :		Sample Details (Water/Air/HW) :	Water	
Sampling drawn by (Officer name):	FO-Kolhapur (Shri. Sachin. Harbad)	Sample Volume Received :		
Sample submitted by (Name) :	FO-Kolhapur (Shri. Sachin. Harbad) (SRO-Kolhapur)	Seal No. :	318	
Date of Sample Collection(dd/mm/yyyy) :	28/12/2023 08:45 PM	Date of Sample receipt to Laboratory (dd/mm/yyyy) :	02/01/2024 05:28 PM	
Analysis start Date (dd/mm/yyyy) :	07/01/2024 05:09 PM	Analysis end Date (dd/mm/yyyy) :	23/02/2024 01:44 PM	
Test Report				
Sr.No	Parameter	Results	Unit	Method Adopted
1	pH	8.6		T
2	Total Dissolved Solids(TDS)	674.0	mg/l	T
3	Suspended Solids (SS)	12.0	mg/l	T
4	Biochemical Oxygen Demand (BOD)	11.0	mg/l	T
5	Chloride	23.99	mg/l	T
6	Chemical Oxygen Demand (COD)	40.0	mg/l	T
7	Sulphate	61.00	mg/l	T

Sr.No	Parameter	Results	Unit	Method Adopted
8	Oil & Grease	BDL	mg/l	T

Abbreviations: - BDL=Below Detectable limit, N.D.=Not Detected, N.A.=Not Analyzed, * Not covered under NABL scop.

Comment (if any):
 Comment 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. Results relate only to the sample(s) tested, only in case of samples submitted by customer & not drawn by MPCB.
 2. Samples will be preserved for a period 10 days from the delivery of Test Certificate.
 3. Customer complaint register is available at laboratory.
 4. The Contents of this Report shall not be reproduced in part or in full without written approval of laboratory.
 5. MU values will be reported on request.

Dayanand Tare
 Tc Scientific Officer,
 Regional Laboratory,
 Chiplun,

End of The Report

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Annexure No. 06



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

Ground water Analysis report

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/W/2023-24/08/1064	Date of Reporting	31/08/2023	
Sample ID : GESEC/PRO/W/2023-24/08/1064	Sample Details	Well Water (Mr. Vishnu Lad near Lagoon area)	
Name & Address of the Customer - M/s Dalmia Bharat Sugar & Industries Ltd. A/p- Asurle – Porle, Tal- Panhala, Dist- Kolhapur.	Type of Sample	Water	
	Volume Of Sample	2 Lit Plastic Can	
	Sample Status	Sealed	
	Sample Collected By	M/s SAHYADRI ENVIROCARE	
	Date of Sample Collection	25/08/2023	
	Date of Sample received in lab	26/08/2023	
	Analysis start Date	26/08/2023	
	Analysis End Date	31/08/2023	
WATER ANALYSIS REPORT			
Parameter	Result	Unit(s)	Standard Method
Physical Parameter			
Turbidity	<0.1	NTU	IS:3025(part10):2019
TDS	152	mg/lit	IS :3025(part 16):2017
Color	<5	Hazen	IS:3025 (part 4):2021
Conductivity	386	µmhos/cm	IS – 3025(Part 14)
Odour	Agreeable	-	IS :3025 (Part 05)
Chemical Parameter			
pH	7.2	--	APHA 4500, 23 rd Edition:2017
Total Hardness	132	mg/lit	IS:3025 Part-21:2019
Total Alkalinity	82	mg/lit	IS:3025 Part-23:2019
Sulphate	71	mg/lit	IS:3025 Part-24:2019
Chloride	50	mg/lit	IS:3025 Part-32:2019
Calcium (as Ca)	37	mg/lit	IS:3025 Part-40:2019
Magnesium (as Mg)	21	mg/lit	APHA 3500- Mg, B, 23 rd Edition:2017
Elemental Analysis			
Iron as Fe	<0.2	mg/lit	IS:3025(part 2):2019
Manganese as Mn	0.5	mg/lit	IS:3025 Part-59:2019
Fluorides	BDL	mg/lit	IS:3025 Part-60:2019
Remark(s):	➤ BDL – Below Detectable Limit.		



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

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 6. MoEF approved Lab by Govt. of India. From date: 16/02/2022 to 29/02/2024.

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.





OCCUPATIONAL SAFETY MEASURES AT PLANT SITE



Fire Fighting -Co-gen



Fire Fighting -Bagasse Yard



Fire Fighting -Boiling house



Fire Fighting -Distillery

Petroleum & Explosive Dept. License

भारत सरकार
Government of India
व्यापिक और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम एवं विस्फोटक सुरक्षा संगठन (पेसो)
Petroleum & Explosives Safety Organisation (PESO)
ए-1 और ए-2 विंग, चौकिसा हॉल, केंद्रीय कार्यालय परिसर, सी.ओ.डी. बिल्डिंग
नवी मुंबई (पश्चिम) - 400014
A1 & A2 wing, 5th Floor, C.O.O. complex, CBD Belapur, Navi Mumbai (M.S.),
Mumbai - 400014

Email : jccemumbai@explosives.gov.in
Phone/Fax No : 022 - 27575948, 27573851

संख्या (No.) : PWC/MH/15/2394 (P384291) तिथि (Date) : 30/11/2021

सेवा में (To):
 M/s. SHREE DATTA SAKHAR KHARKHANA ASURLE PORLE A UNIT OF DALMIA BHARAT SUGAR AND INDUSTRIES LTD. ASURLE PORLE, Panhala, Taluka: Panhala, District: KOLHAPUR, State: Maharashtra PIN: 416229

विषय (Sub.):
 Gvt No. 1855, ASURLE PORLE, ASURLE PORLE, Panhala, Taluka: Panhala, District: KOLHAPUR, State: Maharashtra, PIN: 416302 में विद्यमान पेट्रोलियम अंश A अधिकांश में अनुमति सं PWC/MH/15/2394 (P384291) के नवीकरण के संबंध में।
 Existing Petroleum Class A Installation at Gvt No. 1855, ASURLE PORLE, ASURLE PORLE, Panhala, Taluka: Panhala, District: KOLHAPUR, State: Maharashtra, PIN: 416302 - Licence No. PWC/MH/15/2394 (P384291) - Renewal regarding.

संदर्भ (Ref.):
 कृपया आदेश सं. डीन/15496 दिनांक 21/11/2021 का संदर्भ लें।
 Please refer to your letter No. : D/N/15496, dated 21/11/2021
 अनुमति संख्या PWC/MH/15/2394 (P384291) दिनांक 08/11/2021 को दिनांक 31/12/2028 तक नवीकृत कर इस पर के काम अधिकांश को कर रहे हैं।
 Licence No. PWC/MH/15/2394 (P384291) dated 08/11/2021 is forwarded herewith duly renewed upto 31/12/2028.
 2002 के अधिनियम संख्या 148 में दी गई प्रक्रिया का कक्षा 1 में पालन करें। अनुमति के नवीकरण हेतु सम्बन्धित दस्तावेजों को अनुमति की सेवा साफ्ट होने की तिथि के काम से कम 30 दिन पूर्व जे.सी. चिफ़ कंट्रोलर ऑफ़ एक्सप्लोज़िव्स, वेस्ट सर्किल, मुंबई, से प्राप्त करें।
 Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence to Jt. Chief Controller of Explosives, West Circle, Mumbai, so as to reach his office on or before the date on which Licence expires.
 कृपया पत्राक्षी करें।
 Please acknowledge the receipt.

आपका विश्वसनीय (Yours faithfully,
 (कानक सिंह मीना)
 (Kanak Singh Meena)
 उप विस्फोटक निरीक्षक
 Dy. Controller of Explosives
 कृषि संसाधन सुरक्षा विस्फोटक निरीक्षण
 For Jt. Chief Controller of Explosives
 नवी मुंबई (पश्चिम), मुंबई)

(ऑनलाइन जनरेशन सिस्टम द्वारा उत्पन्न)।
 (For more information regarding status fees and other details please visit our website: <http://peso.gov.in>)
 Note:-This is system generated document does not require signature.

Digitally signed by KANAK SINGH MEENA
 Reason: License No. : PWC/MH/15/2394
 Location: West Circle (P384291)
 Date: 2021.11.30 12:17:58 +05:30

प्रारूप XV
(प्रथम अनुसूची का अनुसूचक 6 देखिए)
FORM XV
(see Article 6 of the First Schedule)

अधिकारनों में पेट्रोलियम के आयात और भंडारण के लिए अनुमति
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनुमति सं. (Licence No.) : PWC/MH/15/2394(P384291) फीस संख्या (Fee Rs.) : 50000/- per year

M/s. SHREE DATTA SAKHAR KHARKHANA ASURLE PORLE A UNIT OF DALMIA BHARAT SUGAR AND INDUSTRIES LTD., SR NO 1954, ASURLE PORLE, ASURLE PORLE, Panhala, Taluka: Panhala, District: KOLHAPUR, State: Maharashtra, PIN: 416229 को केवल इसमें प्राप्त सिस्टीम, वर्क और साइटों में पेट्रोलियम 2013.00 KL आयात करने के लिए और उसका, लेवे वर्किंग और अनुमति नक्शा संख्या PWC/MH/15/2394(P384291) दिनांक 08/11/2021 को कि इससे उपरोक्त है, में दिखाए गए क्वान्टिटी पर भंडारण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों के तहत अर्जित क्वान्टिटी प्राप्त हुए अनुमति की शर्तों के अंतर्गत रहे हुए, यह अनुमति अनुदान की जाती है।
 Licence is hereby granted to M/s. SHREE DATTA SAKHAR KHARKHANA ASURLE PORLE A UNIT OF DALMIA BHARAT SUGAR AND INDUSTRIES LTD., SR NO 1954, ASURLE PORLE, ASURLE PORLE, Panhala, Taluka: Panhala, District: KOLHAPUR, State: Maharashtra, PIN: 416229 valid only for the importation and storage of 2013.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No PWC/MH/15/2394(P384291) dated 08/11/2021 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of the Licence.

यह अनुमति 31st day of December 2028 तक प्रवृत्त रहेगी।
 The Licence shall remain in force till the 31st day of December 2028

पेट्रोलियम का विवरण (Description of Petroleum)	अनुमान मात्रा (किग्रा/टॉन) में (Quantity licensed in KL)
कॉल क प्रजात पेट्रोलियम (Petroleum Class A in bulk)	2013.00 KL
कॉल क प्रजात पेट्रोलियम से निम्न (Petroleum Class A, otherwise than in bulk)	NIL
कॉल क प्रजात पेट्रोलियम (Petroleum Class B in bulk)	NIL
कॉल क प्रजात पेट्रोलियम से निम्न (Petroleum Class B, otherwise than in bulk)	NIL
कॉल क प्रजात पेट्रोलियम (Petroleum Class C in bulk)	NIL
कॉल क प्रजात पेट्रोलियम से निम्न (Petroleum Class C, otherwise than in bulk)	NIL
कुल क्षमता (Total Capacity)	2013.00 KL

August 28, 2020
 For Jt. Chief Controller of Explosives
 WC, Mumbai

1). Amendment dated - 08/11/2021

अनुदान परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुदान परिसर (विशेष नक्शा) अन्य विवरण संख्या अनुमति नक्शों में दिखाई गई है। Gvt No. 1855, ASURLE PORLE, ASURLE PORLE, Panhala, Taluka: Panhala, District: KOLHAPUR, State: Maharashtra, PIN: 416302 स्थान पर अवस्थित है तथा उसमें स्थितिगत 4 Under Ground tank(s) for CLASS A स्थितिगत है।
 The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Gvt No: 1855, ASURLE PORLE, ASURLE PORLE, Panhala, Taluka: Panhala, District: KOLHAPUR, State: Maharashtra, PIN: 416302 and consists of 4 Under Ground tank(s) for CLASS A together with connected facilities.

Note:-This is system generated document does not require signature.

Digitally signed by KANAK SINGH MEENA
 Reason: License No. : PWC/MH/15/2394
 Location: West Circle (P384291)
 Date: 2021.11.30 12:16:42 +05:30

Health Checkup Report

Annexure No.10



Aster
AADHAR HOSPITAL
We'll Treat You Well
OUT PATIENT DEPARTMENT

Date 04/10/2023
O. W. No. 31/10/2023

MEDICAL CERTIFICATE

This is to certify that **Mr. Shivprasad Tukaram Padwal**, Age 44Yrs, Male (UHID No.200452145) has been examined by me on OPD basis.

Based on his clinical examinations and investigations, he is fit for the mentioned job.

FOR PRERANA HOSPITAL LTD
(ASTER AADHAR HOSPITAL)

DR. AVINASH KUMBHAR
MBBS, DNB (FAMILY MEDICINE)

Dr. Avinash Kumbhar
M.B.B.S.D.N.B.(Family Medicine)
Reg. No. 2006/11/3336

THIS CERTIFICATE ISSUED ON THE WRITTEN REQUEST OF THE APPLICANT FOR THE PURPOSE OF OFFICE SUBMISSION. THIS CERTIFICATE IS NOT MEANT FOR ANY OTHER PURPOSE AND FOR JUDICIAL/ EXECUTIVE MATTERS.

Prerana Hospital Ltd
CIN : UBS110PN1996PLC104292
Regd Office, R.S. No. 62B, B' Ward,
Near Shastrri Nagar, Kolhapur,
Maharashtra - 416012, India.

Toll Free No: 1800 123 0355
Emergency No: +91 9198909050
T + 91 231 662 255
Website: www.asteraadhar.com

Aster LABS
We'll Treat You Well

TEST REPORT

Lab. Id : AH70931 Hosp. UHID : 200452145 Reg. Date : 04-Oct-2023 / 11:28 AM
Name : MR. SHIVPRASAD TUKARAM PADWAL Collection : 04-Oct-2023 / 11:28 AM
Age/Gender : 44Y-2M-3D / Male Report Received : 04-Oct-2023 / 11:28 AM
Collected At : Aster Aadhar Hospital Report : 04-Oct-2023 / 13:33 PM
Referral Dr : Dr. AVINASH KUMBHAR Report Status : Final Print : 04-Oct-2023 / 14:53 PM
Bed : OPD

Haematology

Investigation	Observed Value	Unit	Biological Ref. Interval	Specimen
COMPLETE BLOOD COUNT				
Hemoglobin <i>Auto Photometric Measurement</i>	15.0	gm/dl	13.0-17.0	K2EDTA WB
PCV <i>Rotated Centrifugation</i>	45.2	%	40-50	K2EDTA WB
MCV <i>Auto Elect. Impedance</i>	99.0	fL	80-96	K2EDTA WB
MCH <i>Auto Calculated</i>	32.5	pg	27.5-33.2	K2EDTA WB
MCHC <i>Auto Calculated</i>	33.2	g/dL	33.4-35.5	K2EDTA WB
RBC Count <i>Auto Elect. Impedance</i>	4.61	mill/cu.mm	4.5-5.9	K2EDTA WB
RDW-CV <i>Auto Elect. Impedance</i>	13.4	%	12-15	K2EDTA WB
Platelet Count <i>Auto Elect. Impedance</i>	274000	/uL	150000-450000	K2EDTA WB
MPV <i>Auto Elect. Impedance</i>	8.5	fL	7.8-11.0	K2EDTA WB
Total WBC Count <i>Auto Elect. Impedance</i>	5810	cells/cu.mm	4000-11000	K2EDTA WB
WBC Differential				
Neutrophils <i>Auto Elect. Impedance</i>	60	%	40-75	K2EDTA WB
Lymphocytes <i>Auto Elect. Impedance</i>	33	%	20-42	K2EDTA WB
Monocytes <i>Auto Elect. Impedance</i>	5	%	1-10	K2EDTA WB
Eosinophils <i>Auto Elect. Impedance</i>	2	%	1-6	K2EDTA WB
Absolute Neutrophils <i>Auto Calculated</i>	3486	/cmm	2000-7000	K2EDTA WB
Absolute Lymphocytes <i>Auto Calculated</i>	1917.3	/cmm	1000-3000	K2EDTA WB
Absolute Monocytes <i>Auto Calculated</i>	290.5	/cmm	200-1000	K2EDTA WB

Aster LABS
We'll Treat You Well

TEST REPORT

Lab. Id : AH70932 Hosp. UHID : 200452145 Reg. Date : 04-Oct-2023 / 11:28 AM
Name : MR. SHIVPRASAD TUKARAM PADWAL Collection : 04-Oct-2023 / 11:30 AM
Age/Gender : 44Y-2M-3D / Male Report Received : 04-Oct-2023 / 11:30 AM
Collected At : Aster Aadhar Hospital Report : 04-Oct-2023 / 13:31 PM
Referral Dr : Dr. AVINASH KUMBHAR Report Status : Final Print : 04-Oct-2023 / 14:52 PM
Bed : OPD

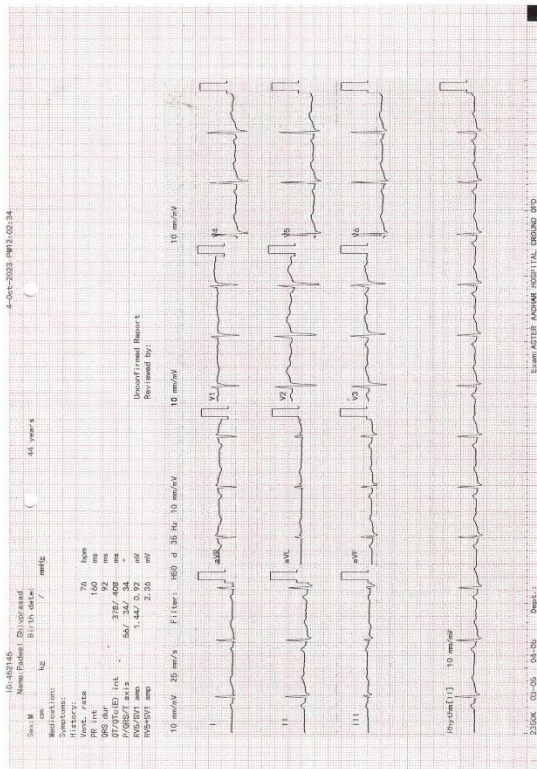
Biochemistry

Investigation	Observed Value	Unit	Biological Ref. Interval	Specimen
LIPID PROFILE				
TOTAL CHOLESTEROL <i>Method: Oxymer Colorimetric</i>	211	mg/dl	Optimal: < 200 Borderline: 200 - 239 High: >= 240	Serum
HDL CHOLESTEROL <i>Method: Homozygous Mixture</i>	49.8	mg/dl	High Risk: < 40 Lower Risk: > 50	Serum
LDL CHOLESTEROL <i>Method: Martin-Dale's Cholesterol</i>	117.8	mg/dl	Optimal: < 100 Near or above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Serum
TRIGLYCERIDES <i>Method: GPO Colorimetric</i>	233.9	mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Serum
TOTAL CHOLESTEROL/HDL-C RATIO <i>Method: Calculated</i>	4.32		0 - 4.5	Serum
VLDL - Cholesterol <i>Method: CALCULATED</i>	46.7	mg/dl	0.0-38	Serum

Comments:
Lipid profile is a panel of blood tests that serves as an initial screening tool for abnormalities in lipids, such as cholesterol and triglycerides. The lipid panel is used as part of a cardiac risk assessment to help determine your risk of heart disease and to help make decisions about what treatment may be best if you have borderline, intermediate or high risk.
The results of the lipid panel are considered along with other known risk factors of heart disease to develop a plan of treatment and follow up. Depending on the results and other risk factors, treatment options may involve lifestyle changes such as diet and exercise or medications that lower lipid levels, typically statins.
Additionally a lipid panel may be used to monitor whether treatment has been effective in lowering cholesterol levels.

NIH 2014-15 guidelines

1. Non-HDL-C (calculated as total C - HDL-C) represents the sum of cholesterol carried by all potentially atherogenic, apo B-containing lipoprotein particles, including LDL, IDL, Lp(a), VLDL (including VLDL remnants), and chylomicron particles and remnants.
2. An elevated level of cholesterol carried by circulating apolipoprotein (apo) B-containing lipoproteins (non-HDL-C and LDL-C, based on apolipoprotein B) is a root cause of atherosclerosis (ASCVD). HDL-C is responsible for lowering peripheral tissue cholesterol levels (reverse transport), thereby reducing risk of ASCVD.
3. Apolipoprotein B, lipoprotein (a) and Lp-PLA2 testing should be considered in patients with moderate risk for ASCVD.
4. In all adults 20 years of age, a fasting or nonfasting lipid profile should be obtained at least every 5 years. In a minimum, this should include total cholesterol and HDL-C, which allows calculation of non-HDL-C (total C - HDL-C). If fasting (generally 9-12 hours), the LDL-C level may be calculated, provided that the triglyceride concentration is < 400 mg/dL.
5. Apo B is considered an optional, secondary target for treatment. Epidemiologic studies have generally shown that both apo B and non-HDL-C are better predictors of ASCVD risk than LDL-C. Apo B and non-HDL-C share the advantage that neither requires fasting samples for accurate assessment.
6. Elevated triglyceride levels are not a target of therapy per se, except when very high (>500 mg/dL). When triglycerides are between 200 and 499 mg/dL, the targets of therapy are non-HDL-C and LDL-C. When triglycerides are very high (>500 mg/dL, and especially if >1000 mg/dL), reduction by < 50% (or 50%) is an immediate objective to decrease the overall risk of therapy.



Photographs showing Existing Greenbelt Development





Details of expenditures on ESC activities during the period 1st October 2023 to 31st March 2024.

Dalmia Bharat Sugar and Industries Ltd. Asurle -Porle Dist. Kolhapur			
CSR Activities Consolidated Expenditure for the period 01.10.23 to 31.03.24			
Sr. No.	Programme	Activities	Expenditure (Lakh)
1	Environment (Energy Conservation)	800 Numbers of Vermi compost beds are distribution to farmers .	8.21
		Total	8.21
2	Community(Skill training and Livelihood)	1. Making Chili Powder machine items	0.95
		2. Support Eggs Poultry Farm	0.4
		3. Support Sugarcane seedlings for the farmers	9
		4. Support agriculture crop Baar	2
		5. Support silage bafs for for the farmers	6.886
		6. DIKSHA Skill training institute	11.5
		7. New Garment set up Unit	2
		8.Support Backyard poultry farm	0.32
		Total	33.056
3	Social Development	HP Wow bus- Digital Literacy Mission	2.8
		Support cremation Ground	1.2
		E learning set up distribution for No. of 6 Schools	2.88187
		Support Orphange student	1.2
		Informal Education center	0.15
		Provide Garment Machines	0.66
		Support Food grains	0.97
		Total	9.86187
4	Health	Organize veterinary camp	0.21
		Organize general health check ujp camp	0.4
		Total	0.61
5	Programme Execution Cost	Overhead cost including retainers fees, communication, travelling and volunteers fees and Misc.	7.07
		Total	
		Grand Total (Lakh)	57.07987

Distribution of Vermicomposting beds to nearby villagers



Organize free Veterinary Camp:

We have conducted the free Animal health checkup of the 60 Numbers of animals of surrounding village farmers .We have provided free medicines and guidance on how to care for animals and how to increase milk production.



Medical Checkup Camps for villagers:

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



E Learning Set up Distribution

- E- learning set up are distributed to 10 numbers of factory area surrounding Schools. Total -1500 Numbers of students are benefitted against this activity.



Informal Education Centre

- Our Cane Harvesting & Transport Labor 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



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.



NOISE LEVEL MONITORING REPORT



A-7/2/C-11, Capital City, Talwade - Chakan Road, Chakan MIDC, PH-IV,
Village Nighoje, Tal. Khod, Dist. Pune-410 501, Maharashtra
Mob+ 9545084620, 8421365421 CIN No. : U74900PN2013PTC149666
E-mail : envirosafetyeng@gmail.com, gesecc12@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/2023-24/02/1122		Report Date	06/03/2024
Sample ID: -	GESEC/PRO/ANLM/2023-24/02/1122			
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	As Per IS: 9989:2020			
Date of Sampling	Sample Receipt Date	Analysis Start Date	Analysis End Date	
29/02/2024	01/03/2024	01/03/2024	06/03/2024	
Name of Instrument	SE/NM-01	Date of Calibration	03/09/2023	
Calibration Certificate No.	TECH/CAL/2023/09.C /11	Due Date of Calibration	02/09/2024	
Test Location	Unit	Average Noise Level Readings		CPCB Standards dB(A)
		Day	Night	
Near Main Gate	dB(A)	65.3	60.3	During Day time = 75 dB (A) During Night time= 70dB(A)
Near Cane Yard	dB(A)	67.3	65.2	
Near Mill House	dB(A)	71.5	67.9	
Near Boiling House	dB(A)	70.8	66.5	
Near Distillery Fermentation	dB(A)	69.5	64.4	
Near Distillery Boiler Area	dB(A)	73.7	68.4	
DG SET	dB(A)	72.5	68.5	
Near Turbine Area	dB(A)	74.8	69.1	
Sugar Packaging Area	dB(A)	72.4	69.8	
Co-Gen Boiler	dB(A)	71.3	65.9	
Remark-				
➤ The Factories Act, 1948, has prescribed 90 dB (A) as an upper limit of noise level for 8 hours exposure.				



End of Report

Hande
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.
- NABL approved by Quality Council of India. From date 01/03/2022 to 31/03/2024.

SAFETY TRAINING



“Basic life support Training”

“Gas Cutting Safety Training”



“Mock Drill and Emergency Response Training.”



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 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000062143

Submitted Date

30-09-2023

PART A**Company Information****Company Name**

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

Application UAN number

MPCB- CONSENT-0000144104

Address

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

Plot no

1764,1765,1852,1855

Taluka

Panhala

Village

Asurie- Porle,

Capital Investment (In lakhs)

967.63

Scale

L.S.I

City

Asurie- Porle,

Pincode

416229

Person Name

Mr. S.Rangaprasad

Designation

Unit Head

Telephone Number

02328236115

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

yes

Format 1.0/CAC/UAN No. MPCB- CONSENT-0000144104 /CR/2211000824

2022-11-11

Consent Valid Upto

2025-08-31

Establishment Year

2015

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)**Product Information****Product Name**

Rectified Spirit / Extra Neutral Alcohol /Ethanol/ Absolute Alcohol

Consent Quantity

43800

Actual Quantity

27432

UOM

KL/A

By-product Information**By Product Name**

NA

Consent Quantity

0

Actual Quantity

0

UOM

KL/A

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 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000061282

Submitted Date

29-09-2023

PART A

Company Information

Company Name Dalmia Bharat Sugar and Industries Ltd ,Sugar Unit ,Asurle -Porle Dist.Kolhapur	Application UAN number MPCB-CONSENT-0000141171	
Address Dalmia Bharat Sugar and Industries Ltd ,Sugar Unit ,Asurle - Porle, Dist. Kolhapur pin - 416229	Taluka Panhala	Village ,Asurle - Porle
Plot no 1746,1748 to 1756	Scale LSI	City Asurle - Porle
Capital Investment (In lakhs) 3844.72	Person Name Mr.S.Rangaprasad	Designation Unit Head
Pincode 416229	Fax Number 2328236115	Email gojare.pravin@dalmiasugar.com
Telephone Number 9130099744	Industry Category Red	Industry Type R12 Sugar (excluding Khandsari)
Region SRO-Kolhapur	Consent Number Format 1.0/CAC/UAN No., MPCB- CONSENT-0000141171 /CR/2211001043	Consent Issue Date 2022-11-14
Last Environmental statement submitted online yes	Establishment Year 2013	Date of last environment statement submitted Jan 1 1900 12:00:00:000AM
Consent Valid Upto 2023-07-31		
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Sugar	437400	116529	MT/A
Electricity	32	23	Mwh

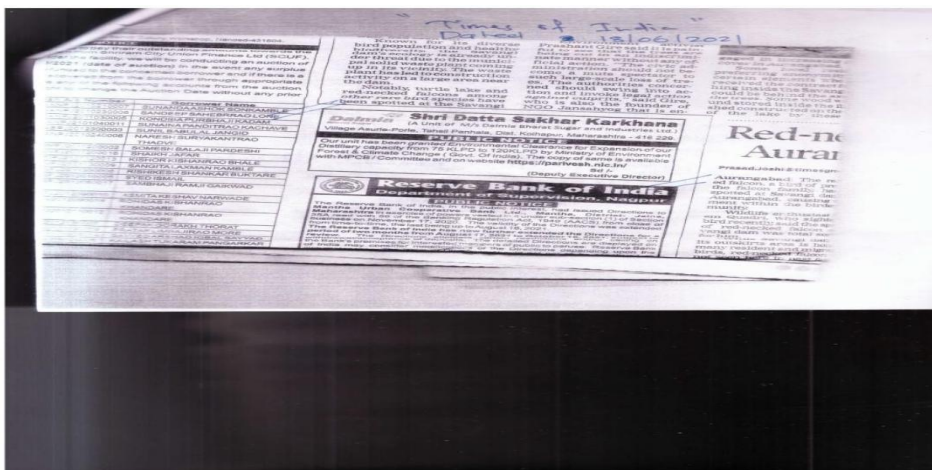
By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Molasses	129600	35751	MT/A

Newspaper advertisements for accordance of Environmental Clearance



TIMES OF INDIA -ENGLISH NEWS PAPER ADVERTIZEMENT : Dated 18.06.2021



"Daily Lokmat"
Dated: 18/06/2021

गिमखाना प्रमुख प्रा. एन. आर. कांबळे, प्रा. डॉ. ए. एन. बसुगडे, प्रा. बी. जे. पाटील, प्रा. डॉ. के. नरळे, तसेच सर्व प्राध्यापक, प्रशासकीय कर्मचारी, एन. सी. सी. कॅम्प आदी उपस्थित होते.

श्री दत्त साखर कारखाना
(ए युनिट ऑफ मे. डालमिया भारत शुगर अॅण्ड इंडस्ट्रीज लि.)
आसुर्ले-पोर्ले, ता. पन्हाळा, जि. कोल्हापूर - ४१६ २२९

जाहीर निवेदन

आमच्या आसवणी प्रकल्पाच्या क्षमतेचे ७५ किलोलिटर प्रति दिन ते १२० किलोलिटर प्रति दिन पर्यंत विस्तारीकरण करणेकरिता मिनीस्ट्री ऑफ एन्व्हायर्नमेंट, फॉरेस्ट अॅण्ड क्लायमेट चेंज, इम्पॅक्ट असेसमेंट डिव्हिजन, नवी दिल्ली यांचेकडून एन्व्हायर्नमेंटल क्लिअरन्स मिळालेला असून त्याची प्रत मंत्रालयाच्या <https://parives.nic.in/> या संकेतस्थळावर उपलब्ध आहे.

डेप्यु. एक्झिक्युटिव्ह डायरेक्टर

Daily Sakal dated: 18/06/2021

स अॅण्ड फूड बीसीए, खेतील यनान्स, स्थापन यनान्स, यनान्स, कॅटेगिजिमेंट, यविद्या आणि बी. ए. (एट्स), आदी असून हे.



सकृती कॉन्सर्जवळ) अशी त्याची नावे आली.

श्री दत्त साखर कारखाना
(ए युनिट ऑफ मे. डालमिया भारत शुगर अॅण्ड इंडस्ट्रीज लि.)
आसुर्ले-पोर्ले, ता. पन्हाळा, जि. कोल्हापूर - ४१६ २२९

जाहीर निवेदन

आमच्या आसवणी प्रकल्पाच्या क्षमतेचे ७५ किलोलिटर प्रतिदिन ते १२० किलोलिटर प्रतिदिनपर्यंत विस्तारीकरण करणेकरिता मिनीस्ट्री ऑफ एन्व्हायर्नमेंट, फॉरेस्ट अॅण्ड क्लायमेट चेंज, इम्पॅक्ट असेसमेंट डिव्हिजन, नवी दिल्ली यांचेकडून एन्व्हायर्नमेंटल क्लिअरन्स मिळालेला असून, त्याची प्रत मंत्रालयाच्या <https://parives.nic.in/> या संकेतस्थळावर उपलब्ध आहे. सही/-
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	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)/ विगारसिचन/ ३२५३ /२०२१	दि. ०४ JUN 2021	

प्रति,

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

विषय : विगार सिंचन ग्राहक सहा वर्षीय कारनामा नुतनीकरास मंजूरी मिळणेबाबत.
(सन २०२१-२०२७ करिता दि. ०१/०७/२०२१ पासून दि.३०/०६/२०२७)

संदर्भ : १) सिंचन/काअ-२/मुद्रका/६९५३/ २११९, दि. २१/४/२००२
२) शासन परिपत्रक क्र. विपापु००१/(७१३/२००१/सिव्य/धो)/दिनांक ११/०३/२००३
३) शासन परिपत्रक क्र. पापव-२०१५/(प्र.क्र.४००/२०१५)/सिव्य(महसूल)/दिनांक १५/१२/२०१५
४) शासन निर्णय क्र. पापव-२०१५/(प्र.क्र.८८/२०१५)/सिव्य(महसूल) दि. २१/०४/२०१६
५) महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण यांचा आदेश क्र.१/२०१८ दिनांक ११/०१/२०१८.
६) विभागीय कार्यालयचे पत्र जा.क्र. कोपावि(उ)/ विगारसिचन/३०२४ दिनांक २०/०५/२०२१

उपरोक्त संदर्भिय विषयविकित प्रकरणे आपणास राधानगरी प्रकल्पवरील कासारी नदीमधून सहा वर्षाकरिता धरगती प्रयोजनासाठी ०.०४८ द.रु.घ.मी व औद्योगिक कारणासाठी ०.१७० द.रु.घ.मी असा एकूण ०.२१८० द.रु.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 कारनामा खालील अटीच्या अधिन राहून मंजूर करणेत येत आहे. तसेच त्याची एक प्रत आपले माहितीसाठी सोबत देणेत येत आहे.

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


२) जलसंपदा विभाग शासन निर्णय क्र. पापव-२०१५/(प्र.क्र.८८/२०१५)/सिव्य(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 राहिल

३) संस्थेची योजना कार्यावित्त 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 पुरवठा खंडीत करणे बाबत कार्यवाही करणेत येईल.

४) उपरोक्त मंजूरी ही पूर्वनिर्णयित 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/- मुद्रांकावर ३० जून पुर्वी वार्षिक कारनामा करणे आवश्यक आहे.

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


कार्यकारी अभियंता
कोल्हापूर पाटबंधारे विभाग(उत्तर)
कोल्हापूर.

प्रत सहायक अभियंता श्रेणी -१,पंचगंगा पाटबंधारे उपविभाग,कोल्हापूर यांना माहितीसाठी व पुढील कार्यवाहीसाठी रवाना.
प्रत शाखाधिकारी, बावडा पाटबंधारे शाखा, बावडा यांना माहितीसाठी व पुढील कार्यवाहीसाठी रवाना.
२/- सदर विगारसिंचन ग्राहकाने विगारसिंचन पाणी वापराकरिता इलेक्ट्रॉनिक वॉटर मीटर बसविले आहे किंवा कासे याची क्षेत्रीय पाहणी करून त्याचा अनुपान अहवाल सादर करावा. तसेचसदर मीटरचे लॉगबुक नोंदी ठेवणे आवश्यक असलेने सदर ग्राहकास मिटर लॉगबुक नोंद रजिस्टर देणे आवश्यक राहिल.)

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