

SHRI GURUDATT SUGARS LTD; Takaliwadi

ADD.: Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi. Tal.: Shirol, Dist.: Kolhapur (MH) Pin Code: 416 108

PHONE.: +91 231 2686086 WEBSITE: www.sgslt.com Email: sgslt@sgslt.com

SGSL/ENVI/ 45/2025-2026

Date - April 12,2025

To,
The Regional Officer,
Ministry of Environment, Forest & Climate Change,
Regional office (WCZ), Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur.
Tel No. 0712 – 2531318
Email: moefregionalofficenagpur@gmail.com

Sub: Six Monthly (October 2024 to March 2025) Compliance Report of Environmental Clearance issued by MoEF & CC, New Delhi.

Ref: You're Letter No. IA-J-11011/368/2022-IA-II(I) Date - 27.12.2022.

Dear Sir,

With reference to the abovementioned subject and your reference cited above. Please find enclosed herewith Six monthly (From October 2024 to March 2025) Compliance Report of Environmental Clearance issued by MoEF & CC, New Delhi vide letter no. IA-J-11011/368/2022-IA-II(I) Date -27.12.2022.

We do hope that you will find the above information satisfactory. However, if you require additional information /clarification in this regard, kindly write back, so that we shall submit the information at the earliest.

Thanking You

Yours Faithfully,

FOR, SHRI GURUDATT SUGARS LTD.,

ICHIEF EXECUTIVE OFFICER

Enclosed - Compliance Report

C.C to: 1. The Regional officer, MPC Board, Kolhapur.

2. The Sub - Regional officer, MPC Board, Kolhapur.

SHRI GURUDATT SUGARS LTD.,

Gat No. 61/A, Akiwat - Takaliwadi Road , Takaliwadi - 416108, Taluka - Shirol, Dist - Kolhapur, Maharashtra

Compliance of Conditions Stipulated in environmental clearance granted to expansion of Sugar Plant Distillery 150 KLPD to 400 KLPD By MoEF & CC, New Delhi vide letter No. IA-J-11011/368/2022-IA-II(I) Date – 27/12/2022

– 27/	27/12/2022					
EC No -	IA-J-11011/368/2022-IA-II(I) Date – 27.12.2022	April 2025				
SR. NO.	EC Condition	Compliances				
	A) Terms And Condition					
1	Now total plot area of the existing and proposed project has been increased from 55 acre to 86 acre after addition of 31 acre land. Out of which PP shall develop greenbelt in 28.46 acre to achieve 33% of greenbelt. As proposed vide letter no SGSL/ENVI/653/2022-23 dated 30.11.2022, PP shall comply with the month-wise action plan (November, 2022 to March 2023) submitted for the greenbelt development	We have already planted 24500 Nos of tree as in 28.96 acres. The month-wise action from November 2022 to March 2023 plan for Greenbelt is attached.				
2	As per the Notification S.O. 2339(E), dated 16th June, 2021, project falls in category B2 and the expanded capacity of 250 KLPD molasses based distillery and proposed 400 KLPD grain based distillery shall only be used for fuel ethanol manufacturing as per self-certification in form of a notarized affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.	Self-certification in form of a notarized affidavit is attached. PA agreed to comply with.				
3	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	Electrostatics Precipitator (E.S.P) with a stack of height 82 m will provide for Incineration boiler in Distillery of Cap. 150 KLPD on 'C' Molasses. Also we will provide Effluent treatment plant (Condensate Polishing Unit). Treated effluent will use in the makeup of distillery cooling towers as well fermentation purpose. Green belt has been provided. Environmental quality monitoring is being carried out. CSR works are being undertaken. Vermi composting is being carried out with the waste generated in the cane yard. Compost is being supplied to the farmers.				

4	NOC from the Concerned Local authority for surface water supply shall be obtained before start of the construction of plant, State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.	PA agreed to comply with.
5	Total Fresh water requirement shall not exceed 4 KL/KL of ethanol production which will be met from Krishna River. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.	Ours is the first Sugar factory in Maharashtra, wherein, we run the entire industrial activity with treated and recycled condensates, which is accrued from cane and no fresh water is utilized, for sugar factory operation. We have installed Condensate Polishing Unit (C.P.U) for sugar factory excess condensate water treatment and recycled purpose. Annexure. Sugar 6000 TCD:738 m3/day [Source - cane Water]Cogeneration 21 MW: 667.25 m3/day [Source - CPU Treated water], And Distillery 150 KLPD: 520 m3/day [Source - Krishna River water]
6	Spent wash shall be dried to form DDGS to be used as cattle feed in grain based operation and in molasses based operation, concentrated spent wash will be dried to form powder. The condensate, spentlees and utilities effluent shall be treated in the ETP comprising tertiary treatment (Condensate Polishing Unit). Treated effluent will be recycled/reused for makeup water of cooling towers/process etc. and no waste or treated water shall be discharged outside the premises. STP shall be installed to treat the sewage generated from factory premises.	PA agreed to comply with.
7	As committed, industry shall install air cooled condensers.	PA agreed to comply with.

8	ESP (5 field & 99.9% efficiency) & stack height of 61 m will be provided with 71 TPG bagasse fired boiler for controlling the particulate emissions within the statutory limit of 50 mg/Nm3 . At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.	PA agreed to comply with.
9	In existing operation, boiler ash (50 TPD- Coal Ash) is supplied to brick manufacturers & potash rich ash which (4.5 TPD) is sold to Organic fertilizer manufacturer. For the proposed bagasse fired boiler, ash (10 TPD) will be utilized in proposed in-house brick manufacturing plant. PP shall use biomass like rice husk/bagasse as fuel for the proposed boiler. PP shall meet 10% of the total power requirement from solar power by generating power inside plant premises/adjacent/nearby areas.	PA agreed to comply with.
10	CO2 generated (200 TPD) during the fermentation process will be collected in bottling plant.	PA agreed to comply with.
11	PP shall allocate at least Rs. 1 Crores/annum for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	PA agreed to comply with.
12	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.	Complied. Personnel protective equipment has been provided to workers. The report are enclosed as Annexure .
13	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. PESO certificate shall be obtained.	PA agreed to comply with.

14	Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF. Filter press shall be installed for drying of sludge.	PA agreed to comply with.
15	The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.	PA agreed to comply with.
16	The green belt of at least 5-10 m width shall be developed in nearly 28.46 acres i.e. 33% of the total project area by end of March, 2023 with tree density @ 2500 trees per hectares, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before commissioning of the plant.	PA agreed to comply with. We have already planted 24700 Nos of tree as in 28.96 acres.
17	PP proposed to allocate Rs. 2.5 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan for monitor able activities like up-gradation of schools with provision of facilities e.g. Class rooms, playground, Laboratory, Library, Computer class, toilets, potable drinking water facilities, solar light/solar power support for uninterrupted power supply, soil nutrient management etc. Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.	PA agreed to comply with.
18	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and no parking to be allowed outside on public places. Out of the total project area, 15% shall be allotted solely for parking purposes with facilities like rest rooms etc.	PA agreed to comply with.

	6	
19	Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.	PA agreed to comply with.
20	Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.	We have installed online monitoring system for incineration Boiler stack and flow meter with WEBCAM for Con. Spent wash storage lagoon.
21	A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director/CEO as per company hierarchy.	PA agreed to comply with.
22	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the sixmonthly compliance report being submitted to concerned authority.	PA agreed to comply with.
Gene	eral Conditions	
1	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment,	PA agreed to comply with.

	Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
2	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	PA agreed to comply with.
3	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.	Complied.
4	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.
5	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	Copy of the environmental clearance submitted to Zilla Parishad, Kolhapur – 04.01.2023 and Gram Panchayat, Takaliwadi on 28.12.2022, The copy is enclosed as Annexure.
6	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.	Complied. However same has been uploaded to the company website.

7	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. Environment statement for the FY 2024-25 submitted to MPCB vide letter dated 11.04.2025, however the same was uploaded to the company website.
8	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.	Advertisement regarding to grant of EC was made on 02.01.2023. The copy is enclosed as Annexure 7 .
9	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.	PA agreed to comply with.
10	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	PA agreed to comply with.

Water Requirements

The existing water requirements is made from Krishna River & same sources will be available for proposed expansion. (Permission Letter Annexure II) Water requirements for the plant is stipulated in following table 2.8

Table 2.8 Summary of Water Requirements by SGSL

Sr N o.	Distill ery	Based on	Spent wash Gener ated	Conden sate Genera ted	Spent Leese Gener ated	Total Treat ed Avail able for Reuse	Water Req. for Fermenter/ Reused	Water Req. for C.T. make Up/Re used	Fres h Wat er Req.	Rem ark
	KLPD		Cum/d	Cum/d	Cum/d	Cum/ d	Cum/d	Cum/d	Cum /d	
1.	150	C Molas ses	1200	960 (12/60)	150	1110	971/450	660/66 0	521	
2.	250	C Molas ses	2000	1733 (6/45)	250	1983	1618/1183	800/80	435	Use of Air Cool ed Tow er
3.	400	Multig rain	1440	1242	400	1642				

Table 2.8 A - C Molasses Based: - 250 KLPD

	Existing 150 KLPD			Proposed 250 K	LPD
Sr.	Consumption	Condensate	Consumption for	Consumption	Condensate
No.	Cum/d	Used		Cum/d	Used
		Cum/d			Cum/d
1	971	210	Fermenter Addition	1618	1300
2	900	900	Cooling Tower	250	250

2.5.5.1 Effluent Generation

The following table give details related to various scenarios

Table 2.9 A - For 250 KLPD Molasses Based

Sr. No.	Raw Material	Spent wash Cum/d	COD. Conc.	COD Load
			Mg/l	Kg/d
1.	C Molasses	2000	140000	2,80,000

Table 2.9 B - For 400 KLPD Grain based

Streams	Flow Rate - Maize	Flow Rate – Broken Rice
Process Condensate	1645 m3/day	1775 m3/day
Spent Lees	470 m3/day	470 m3/day
CIP Water	50 m3/day	50 m3/day
Filtration Plant BD	~ 35 m3/day	~ 30 m3/day
Softening Plant BD	35 m3/day	35 m3/day
DM Plant BD	85 m3/day	70 m3/day
Boiler BD	55 m3/day	55 m3/day
Cooling Tower BD	185 m3/day	180 m3/day
Plant Wash	20 m3/day	20 m3/day
TOTAL	2580 m3/day	2685 m3/day

Table 2.11 Effluent Generation

Sr.	Daily Discharge from Different	Existing	Expansion
No	Sources		
1.	Boiler Blow Down	5.28 M3/DAY	11.76 M3/DAY
2.	Process	1200 M3/DAY – NIL	3200 M3/DAY - NIL
3.	Cooling Tower Blow Down/ Cooling	50 M3/DAY	50 M3/DAY
4.	Domestic	1.5 M3/DAY	3 M3/DAY
5.	Floor Washings	NIL	NIL
6.	DM Water Plant / Softener /	NIL	NIL
	Filtration Plant etc.		
7.	RO Reject	NIL	NIL
8.	Condensate	1100 M3/DAY – RECYCLED	1550 M3/DAY -
			RECYCLED
9.	Equipment Washing	NIL	NIL
10.	QA/ R&D/ Laboratory	NIL	NIL
11.	Other	NIL	NIL
12.	Total		
13	Quantity of Water Recycled		
Α	In %		
В	In CMD	1100 M3/DAY	1550 M3/DAY

2.5.5.2 Waste Water Treatment System

The plant is based on Zero Liquid discharge system. The treatment facility with various scenario is as per following table;

Table 2.9 Treatment scheme for various scenario by SGSL

Sr. No.	Capacity & Scenario	Treatment Scheme	Capacity
1.	Existing 150 KLPD	MEE + Incineration Boiler	Existing 1500 CMD
2.	Proposed 250 KLPD	Bio-digester + Dryer	2000 CMD + 35 T
3.	Grain Based 400 KLPD	СРИ	

	WATE	R BALANC	CE -SHRI GURUDATT SUGARS LTD.			
	Water Source	Qty Available (m³/day)	UTILIZATION	Qty Required (m³/day)	Condensate Qty Used (m³/day)	Raw Water Requirem ent (m³/day)
SUGAR, CO-GEN. A	ND DISTILLERY IN O	PERATION	I			
Number of Days			1. Fermenter Makeup	841	841	-
160			2. Cooling Tower Makeup (Co-Gen)	720	720	-
	Sugar Condensate	3120	3. Other Uses (Sugar)	471	471	-
			4. Advanced WTP (Co-Gen)	432	432	-
			5. Distillation Column	240	240	-
			6. Boiler makeup(Distillery)	72	72	-
	Distillery		1. Cooling Tower make-up (Dist.)	1080	1080	-
	Condensate &	1500	2. Vacuum pump sealing (Dist.)	120	120	-
	Spentleese		3. Fermenter Makeup	300	300	
	Fresh Water		1. Domestic	30	-	30
1			Net Raw Water Requirement			30
			FRESH WATER REQUIREMENT PER YEAR - CUM			4800

	WATE	R BALANC	CE -SHRI GURUDATT SUGARS LTD.			
	Water Source	Qty Available (m³/day)	UTILIZATION	Qty Required (m³/day)	Condensate Qty Used (m³/day)	Raw Water Requirem ent (m³/day)
CO-GEN. AND DIST	ILLERY IN OPERATION	ON				
Number of Days			1. Fermenter Makeup	841		841
72			2. Cooling Tower Makeup (Co-Gen)	720		720
	Fresh Water	2320	3. Advanced WTP (Co-Gen)	432		432
			4. Distillation Column	240		240
			5. Boiler makeup(Distillery)	72		72
						-
	Distillery		1. Cooling Tower make-up (Dist.)	1080	1080	-
	Condensate &	1500	2. Vacuum pump sealing (Dist.)	120	120	-
	Spentleese		3. Fermenter Makeup	300	300	
	Fresh Water		1. Domestic	15	-	15
1			Net Fresh Water Requirement			2320
			FRESH WATER REQUIREMENT PER YEAR - CUM			167040

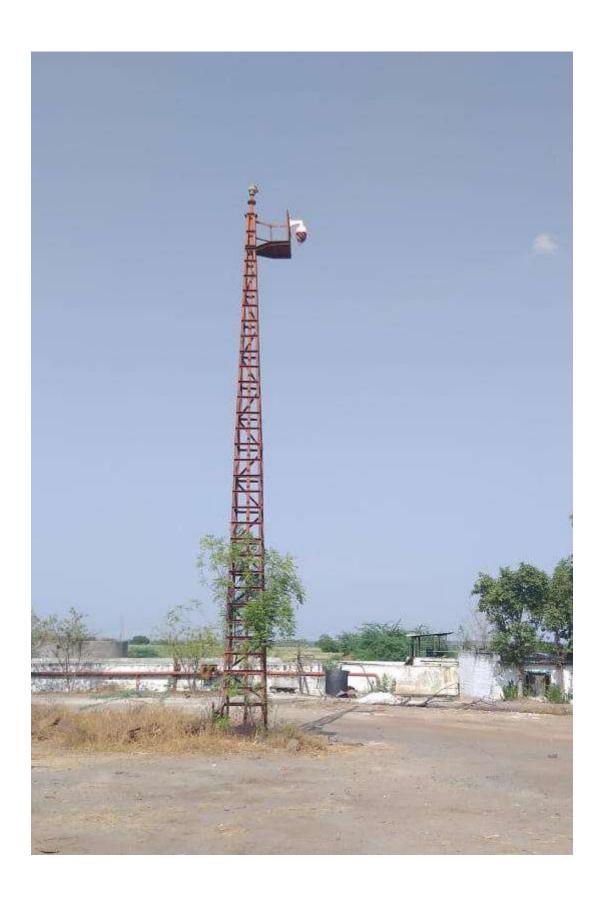
	WATE	R BALANC	E -SHRI GURUDATT SUGARS LTD.			
	Water Source	Qty Available (m³/day)	UTILIZATION	Qty Required (m³/day)	Condensate Qty Used (m³/day)	Raw Water Requirem ent (m³/day)
DISTILLERY IN OPI	ERATION					
Number of Days			1. Fermenter Makeup	841		841
68	Fresh Water	1163	2. Distillation Column	240		240
			3. Boiler makeup(Distillery)	72		72
	Distillery		1. Cooling Tower make-up (Dist.)	1080	1080	-
	Condensate &	1500	2. Vacuum pump sealing (Dist.)	120	120	-
	Spentleese		3. Fermenter Makeup	300	300	
	Fresh Water		1. Domestic	10	-	10
1			Net Fresh Water Requirement			1163
			FRESH WATER REQUIREMENT PER YEAR - CUM			79084
					2777	0,50004
	GRAND TOTAL REQ	UIREMEN	T OF FRESH WATER PER YEAR		CUM	250924
	PERMISSION FOR F	RESH WAT	FER LIFTING PER YEAR		CUM	254000

Shri Gurudatt Sugars Ltd., Takaliwadi

Distillery - Online Monitoring System

A. WEB Camera





B. Incineration Boiler Online monitoring Photographs



D. Incineration Boiler Stack Probe



ACTIVITIES FOR GREEN BELT DEVELOPMENT AT SHRI GURUDATT SUGARS LTD

Time Period	Land to be covered under Green Belt in Acres	Activity Graph	Type of Tree Plantation	Tree Grid Details	Expenditure
November 2022	4.46 Existing 1.5 New – Total 5.96 Acres	Excavation of Trenches and pits,	Mango, Jack Fruit, Jamun Awala	Existing @ 4200 Trees @ 300 Trees @ 500 trees	Excavation-Rs. 50,000 Soil conditioning- Rs. 50,000 Trees-2,20,000 Labour- Rs. 20,000 Total Rs. 3.4 Lakh
December 2022	5 Acres	De-Weeding of plot and Excavation of Trenches and pits, Planting Trees	Casuriona	2x2 m @5000 Trees	De-Weeding of plot and Excavation—3,50,000 Soil conditioning- Rs. 2,50,000 Trees—2,50,000 Labour- Rs. 1.5 Lakh Total- Rs. 10.0 Lakh
January 2022	6 Acres	De-Weeding of plot and Excavation of Trenches and pits, Planting Trees	Coconut	5x5 m @1000 Trees	De-Weeding of plot and Excavation—3,50,000 Soil conditioning- Rs. 3,00,000 Trees—4,00,000 Labour- Rs. 2 Lakh Total- Rs. 12.5 Lakh
February 2022	6 Acre	De-Weeding of plot and Excavation of Trenches and pits, Planting Trees	Accesia, Magnesia	1.5x1.5 m @8000 Trees	De-Weeding of plot and Excavation—3,50,000 Soil conditioning- Rs. 3,00,000 Trees—8,00,000 Labour- Rs. 2 Lakh Total- Rs. 16.5 Lakh

March 2022	6 Acre	De-Weeding of plot and Excavation of Trenches and pits, Planting Trees	Casuarina-4 Acre Peepal, - Banyan 2 Acre	1.5x1.5 m @6000 Trees 6x6 m @170 Trees	De-Weeding of plot and Excavation—3,50,000 Soil conditioning- Rs. 3,00,000 Trees—6,85,000 Labour- Rs. 2 Lakh Total- Rs. 15.35 Lakh
	Total Area under Green Belt Plantation- 28.96 Acres =33.67% of Total 86 Acres				Total Budgetary Expenditure- Rs. 57. 75 Lakh



Regd. No. 25-14367, CIN-UI5424PN2000PLC014367

An ISO 9001: 2008 Certified Company

SHRI GURUDATT SUGARS LTD., Takaliwad

I ADD.: Gat No.: 61 / A, Akiwat Takaliwadi Road, Takaliwadi Tal.- Shirol Dist - Kolhapur (MH) Pin Code: 416 10 I PHONE: +91 231 2686086 I FAX: +91 231 2686000 I WEBSITE: www.sgsl.co.in I Email: gslsugars@gmail.cor

SGSL/ENVI/193/2022-2023

Date - 28 12 2022

To, The Sarpanch so / Gramsevek so. At Post – Takaliwadi, Tal –Shirol, Dist-Kolhapur, Maharashtra.

Sub: Submission of Environmental Clearance copy for Shri Gurudatt Sugars Ltd., Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal – Shirol, Dist – Kolhapur, Maharashtra – 416108.

Ref: You're Letter No. IA-J-11011/368/2022-IA-II(I) Date -27.12.2022.

Dear Sir,

With reference to the abovementioned subject and your reference cited above. We are submitted here with Grant Environment Clearance Copy of Multi Feed Distillery from 150 KLPD to 400 K. PD at Cold C. Akiwat Takaliwadi Road, Takaliwadi, Tal.—Shirol, Dist.—Kolhapur, Maharashtra.—416108 received from Charles of Environment, Forest and Climate Change, New Delhi.

This is for your information.

Thanking You

Yours Faithfully,

FOR, SHRI GURUDATT SUGARS LTD.,

CHIEF EXECUTIVE OFFICER

Enclosed - Grant Environment Clearance Copy.





Regd. No. 25-14367, CIN-UI5424PN2000PLC014367

An ISO 9001: 2008 Certified Company

SHRI GURUDATT SUGARS LTD., Takaliwadi

I ADD.: Gat No.: 61 / A, Akiwat Takaliwadi Road, Takaliwadi Tal.- Shirol Dist - Kolhapur (MH) Pin Code: 416 108 I PHONE: +91 231 2686086 I FAX: +91 231 2686000 I WEBSITE: www.sgsl.co.in I Email: gslsugars@gmail.com

SGSL/ENVI/ 192/2022-2023

Date - 28.12.2022

To, The Chief Executive Officer so, Zilha Parishad Office, Nagala Park Kolhapur

Sub: Submission of Environmental Clearance copy for Shri Gurudatt Sugars Ltd., Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal – Shirol, Dist – Kolhapur, Maharashtra – 416108.

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FOR, SHRI GURUDATT SUGARS LTD.,

CHIEF EXECUTIVE OFFICER

Enclosed - Grant Environment Clearance Copy.

AN JOHN BORNES





ATT SUGARS LTD., Takali

I ADD.: Gat No.: 61 / A, Akiwat Takaliwadi Road, Takaliwadi Tal.- Shirol Dist - Kolhapur (MH) Pin Code: 416 108 I PHONE: +91 231 2686086 | FAX: +91 231 2686000 | WEBSITE: www.sgsl.co.in | Email: gslsugars@gmail.com

SGSL/ENVI/ 196/2022-2023

Date - 28.12 2022

To, The Regional Officer so, Maharashtra Pollution Control Board., Near Collector Office, Udyaog Bahavan, Kolhapur

Sub: Submission of Environmental Clearance copy for Shri Gurudatt Sugars Ltd., Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal – Shirol, Dist – Kolhapur, Maharashtra – 416108.

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For, SHRI GURUDATT SUGARS LTD.,

CHIEF EXECUTIVE OFFICER

Enclosed – Grant Environment Clearance Copy. CC-To,

The Sub Regional Officers, MPCB, Kolhapur

PUBLIC NOTICE

To whomsoever It may

This is to inform to the public that shri gurudatt sugars Ltd , gat no 61/A,Akiwat takaliadi ,takaliwadi, tal-shirol , Dist-416108, Maharashtra klohapurhas been granted environmental proposed their clearance for expansion of distillery plant 150 KLPD to 400 KLPD vide letter no. IA-J11011/368/2022-IA-II (1) Dt 27.12.2022.

The copy of same can be viewed at website of ministry of environment of forest and climate change of http://moet.mc.ti

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-Shri Madhayray B Ghatage Chairman & Managing Director

The Indian EXPRESS

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जाहीर नोटीस

श्री गुरुदत्त शुगर्स लिमिटेड ,टाकळीवाडी. पर्यावरण विषयक अनुमती.

श्री गुरुदत्त शुगर्स लिमिटेड, गट नं . ६१/अ, अकिवाट टाकळीवाडी रोड, टाकळीवाडी . शिरोळ, जि .कोल्हापूर. पिन नं. ४१६१०८ तर्फ कळवणेत येते की , आमच्या कारखान्यामध्ये आसवानी प्रकल्प क्षमता 150 KLPD ते 400 KLPD वाढीव प्रकल्पास भारत सरकारचे पर्यावरण , वनविभाग व हवामान बदल, मंत्रालय ,नवी दिल्ली कडील पत्र सदर्भ । J-11011/368/2022-IA-II(I). दिनांक 27/12/2022 ने विस्तारीकरणास अनुमती मिळालेली आहे.

श्री माधवराव भगवानराव घाटगे

चे अरमन व कार्यकारी संचालक श्री गुरुदत्त शुगर्स लिमिटेड ,टाकळीवाडी



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3126/1
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	24/12/2024		
02	TEST LOCATION		Near Factory Main Gate		
03	TIME OF SAMPLING	Hrs	09:00-17:00		
04	TEMPERATURE (Max./Min)	Deg C	31/18		
05	RELATIVE HUMIDITY	% RH	50		
06	SAMPLING DURATION	Hrs	8		
07	PM ₁₀	μg/m³	84.20	≤100	IS 5182(part 23):2006, RA 2022
80	PM _{2.5}	μg/m³	44.99	≤60	IS 5182(part 24):2019
09	SO ₂	μg/m³	10.49	≤80	IS 5182(part 2):2023
10	NO ₂	μg/m³	28.58	≤80	IS 5182(part 6):2006 RA 2022

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	AFDS-GSES/ADS-01	AFDS/FM-01	SSEC/FF/1250	08/06/2024	07/06/2025
2	RDS-GSES/RDS-01	RDS/UM-01	SSEC/FF/1242	08/06/2024	07/06/2025

NAAQS - National Ambient Air Quality Standards (2009)



For HORIZON SERVICES

MANISHA NARGOLKAR
(Lab Incharge)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3126/2
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	24/12/2024		
02	TEST LOCATION		Near Weigh Bridge		8
03	TIME OF SAMPLING	Hrs	09:15-17:15		
04	TEMPERATURE (Max./Min)	Deg C	31/18		
05	RELATIVE HUMIDITY	% RH	50		
06	SAMPLING DURATION	Hrs	8		
07	PM ₁₀	μg/m³	88.02	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	μg/m³	48.74	≤60	IS 5182(part 24):2019
09	SO ₂	μg/m³	10.74	≤80	IS 5182(part 2):2023
10	NO ₂	μg/m³	30.17	≤80	IS 5182(part 6):2006 RA 2022

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	AFDS-GSES/ADS-02	AFDS/FM-02	SSEC/FF/1251	08/06/2024	07/06/2025
2	RDS-GSES/RDS-02	RDS/UM-02	SSEC/FF/1243	08/06/2024	07/06/2025

NAAQS – National Ambient Air Quality Standards (2009) BDL- Below detectable level



FOR HORIZON SERVICES
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VIANISHA NARGOLKAF (Lab Incharge)



Lab Approved by MoEF, New Delhi. (Valid to Contact 2020)

Shree, K.3.4, S. No. 10, Etrantawane Housing Society Course - Ceessing Inc. 100 -

AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3126/3
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	24/12/2024		
02	TEST LOCATION		Near ETP		
03	TIME OF SAMPLING	Hrs	09:30-17:30		
04	TEMPERATURE (Max./Min)	Deg C	31/18		
05	RELATIVE HUMIDITY	% RH	50		
06	SAMPLING DURATION	Hrs	8		
07	PM ₁₀	μg/m³	78.0	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	μg/m³	39.0	≤60	IS 5182(part 24):2019
09	SO ₂	μg/m³	10.20	≤80	IS 5182(part 2):2023
10	NO ₂	μg/m³	29.80	≤80	IS 5182(part 6):2006 RA 2022

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	AFDS-GSES/ADS-03	AFDS/FM-03	SSEC/FF/1252	08/06/2024	07/06/2025
2	RDS-GSES/RDS-03	RDS/UM-03	SSEC/FF/1244	08/06/2024	07/06/2025

NAAQS - National Ambient Air Quality Standards (2009)



For HORIZON SERVICES

MANISHA NARGOLKAR (Lab Incharge)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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STACK EMISSION MONITORING REPORT

Report No.	HS/REP/24-25/3126/4
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES

RESULTS

	T				
SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	Methods Used
01	DATE OF SAMPLING	DD/MM/YY	24/12/2024		
02	TEST LOCATION		Boiler 1 & 2 (Capacity-70 MT/Hr & 40 MT/Hr)		
03	TIME OF SAMPLING (00.00)	Hrs	10:30		
04	MATERIAL OF STACK				
05	STACK HEIGHT (AGL)	Mtr	65		
06	TYPE OF FUEL USED		Bagasse		
07	FUEL CONSUMPTION	MT/Hr	55		d A
08	TYPE OF STACK		Round		
09	FLUE GAS TEMPERATURE	Deg C	157		
10	VELOCITY	M/Sec	7.81		
11	DIAMETER OF STACK	M	3.43	ľ I	
12	GAS VOLUME	Nm³/Hr	179729.72		
13	PM C	mg/Nm³	81.86	As per Consent	IS 11255 (Part 1): 1985 RA 2019
14	SO ₂	Kg/Day	94.0	As per Consent	IS 11255 (Part 2): 1985 RA 2019

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	SK-GSES/SK	SMK/RM-01	SSEC/FF/1239	07/06/2024	06/06/2025

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For HORIZON SERVICES

MANISHA NARGOLKAR (Lab Incharge)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/24-25/3126/5
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES

RESULTS

SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	Methods Used
01	DATE OF SAMPLING	DD/MM/YY	24/12/2024		
02	TEST LOCATION		Incinerator Boiler		
03	TIME OF SAMPLING (00.00)	Hrs	11:00		
04	MATERIAL OF STACK				
05	STACK HEIGHT	Mtr	82		
06	TYPE OF FUEL USED		Coal & Con. Spent Wash		
07	TYPE OF STACK		Round		
08	FLUE GAS TEMPERATURE	Deg C	198		
09	VELOCITY	M/Sec	8.82		
10	DIAMETER OF STACK	M	4.43		
11	GAS VOLUME	Nm³/Hr	309293.18		
12	PM	mg/Nm ³	60.65	As per Consent	IS 11255 (Part 1): 1985, RA 2019
13	SO ₂	Kg/Day	104.80	As per Consent	IS 11255 (Part 2): 1985, RA 2019

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	SK-GSES/SK	SMK/RM-01	SSEC/FF/1239	07/06/2024	06/06/2025

H®RIZON PROPER LABORETY For HORIZON SERVICES

MANISHA NARGOLKAR (Lab Incharge)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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ANALYSIS REPORT

F/LAB/04/01/17.12 2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/04960A
M/s Shri Gurudatt Sugars Ltd.,	REPORT DATE	30/12/2024
(Takaliwadi)	LAB REFERENCE NO	HS/LAB/WA/1865A
Gat No.61/A, Akiwat Takaliwadi Road,	DATE OF SAMPLING	24/12/2024
Takaliwadi, Tal-Shirol,	DATE OF ANALYSIS	25/12/2024
Dist -Kolhapur, Pin- 416108.	i e	

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Industrial Waste Water	M/s. Greensafe Enviro Services	Treated	ETP

RESULTS OF ANALYSIS

SR NO	DESCRIPTION	UNIT	RESULT	MPCB LIMITS	TEST METHOD
1	pН		6.96	5.5-9.0	APHA 24 th Ed 2023, 4500-H ⁺ B
2	Total Suspended Solids	mg/lit	51.00	< 100.00	APHA 24 th Ed 2023, 2540 D
3	Total Dissolved Solids	mg/lit	1956.00	< 2100.00	APHA 24 th Ed 2023, 2540 C
4	Chemical Oxygen Demand	mg/lit	90.00	< 250.00	APHA 24 th Ed 2023, 5220 C
5	Biochemical Oxygen Demand (27°C for 3 days)	mg/lit	25.00	< 100.00	IS-3025 (Part 44) R-2023
6	Chlorides as Cl	mg/lit	130.00	< 600.00	APHA 24th Ed 2023, 4500 CI-B
7	Sulphates as SO ₄	mg/lit	344.00	< 1000.00	APHA 24th Ed 2023, 4500 CFB
8	Oil & Grease	mg/lit	< 5.00	< 10.00	APHA 24 th Ed 2023, 4500 SO ₄ E

For HORIZON SERVICES

MIN OUGULA

(LAB INCHARGE)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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ANALYSIS REPORT

F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/04961A
M/s Shri Gurudatt Sugars Ltd.,	REPORT DATE	30/12/2024
(Takaliwadi)	LAB REFERENCE NO	HS/LAB/WA/1865A
Gat No.61/A, Akiwat Takaliwadi Road,	DATE OF SAMPLING	24/12/2024
Takaliwadi, Tal-Shirol,	DATE OF ANALYSIS	25/12/2024
Dist -Kolhapur, Pin- 416108.		

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Well Water Sample	M/s. Greensafe Enviro Services		Sachin Koli- Takali

RESULTS OF ANALYSIS

SR NO	DESCRIPTION	UNIT	RESULT	LIMITS AS PER IS10500: 2012 (RA 2018)	TEST METHOD
01	pН		7.10	6.5 - 8.5	APHA 24th Ed 2023, 4500-H+B
02	Electric Conductivity	μS/cm	420.00	Not Specified	APHA 24th Ed 2023, 2510 B
03	Colour	Pt/Co	< 5.00	<5.00	APHA 24th Ed 2023, 2120 C
04	Odour		Agreeable	Agreeable	IS 3025 (P-5):1983 RA 2022
05	Turbidity	NTU	0.40	<1.00	APHA 24th Ed 2023, 2130 B
06	Total Dissolved Solids	mg/lit	260.00	<500.00	APHA 24th Ed 2023, 2540 C
07	Chemical Oxygen Demand	mg/lit	6.00	Not Specified	APHA 24th Ed 2023, 5220 C
08	BOD (27°C for 3 days)	mg/lit	2.00	Not Specified	IS 3025 (Part 44)- R-2023
09	Chlorides as Cl	mg/lit	30.00	<250.00	APHA 24th Ed 2023, 4500 CI-B
10	Sulphates as SO ₄	mg/lit	64.00	<200.00	APHA 24th Ed 2023, 4500 SO4 E
11	Alkalinity as CaCO₃	mg/lit	44.00	<200.00	APHA 24th Ed 2023, 2320 B
12	Calcium as Ca	mg/lit	16.80	<75.00	APHA 24th Ed 2023, 3500 Ca B
13	Magnesium as Mg	mg/lit	20.00	<30.00	APHA 24 th Ed 2023, 3500 Mg B
14	Total Hardness as CaCO₃	mg/lit	124.00	<200.00	APHA 24th Ed 2023, 2340 C
15	Iron as Fe	mg/lit	0.20	<0.30	APHA 24th Ed 2023, 3500 Fe B
16	Fluoride as F	mg/lit	0.10	<1.00	APHA 24th Ed 2023, 4500-F- D
17	Sodium as Na	mg/lit	6.00	Not Specified	APHA 24 th Ed 2023, 3500 Na B

REMARK: As per IS 10500: 2012(RA 2018), above water sample is chemically potable for drinking purpose, for the parameters tested.



MAN augul au (LAB INCHARGE)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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AMBIENT NOISE LEVEL MONITORING REPORT

Report No.	: HS/REP/24-25/3126/6
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES
Date of Sampling	: 24/12/2024

RESULTS

SR. NO.	TEST LOCATION	UNIT	UNIT DAY 1		NIGHT TIME		
				Time	Readings	Time	Readings
01	Near Main Gate	dB (A)	11:05 hrs.	71.5	22:10 hrs.	66.6	
02	Near Boiler	dB (A)	11:10 hrs.	69.9	22:15 hrs.	67.2	
03	Near ETP Area	dB (A)	11:15 hrs.	68.2	22:20 hrs.	63.8	
04	Near Sugar Godown	dB (A)	11:20 hrs.	72.2	22:25 hrs.	68.5	
05	Near Laboratory	dB (A)	11: 25 hrs.	73.0	22:30 hrs.	67.2	
06	Near Mill House	dB (A)	11:30 hrs.	72.7	23:35 hrs.	68.4	
07	Near Pan Section	dB (A)	11:35 hrs.	73.1	23:40 hrs.	69.1	
08	Near Sugar Plant	dB (A)	11:40 hrs.	72.9	23:45 hrs.	68.5	
09	Near Weigh Bridge	dB (A)	11:45 hrs.	71.1	23:50 hrs.	66.8	
10	Near Centrifugal	dB (A)	11:50 hrs.	72.6	23:55 hrs.	68.9	

Calibrations details: -

Sr. No	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due date
1	SLM-GSES/DB-01 Make- Mextech, MODEL NO4201	GE/DB-01	SSEC/ME/205	07/06/2024	06/06/2025

Limits:

≤75 dB (A) For Day Time ≤70 dB (A) For Night Time

REMARK/OBSERVATIONS:

Noise levels limits are given as per Noise Pollution (Regulation & Control) Rules 2000.

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For HORIZON SERVICES

MANISHA NARGOLKAR (Lab Incharge)



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ANALYSIS REPORT

F/I AB/04/01/17 12 2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/04962A
M/s Shri Gurudatt Sugars Ltd.,	REPORT DATE	30/12/2024
(Takaliwadi)	LAB REFERENCE NO	HS/LAB/WA/1865A
Gat No.61/A, Akiwat Takaliwadi Road,	DATE OF SAMPLING	24/12/2024
Takaliwadi, Tal-Shirol, Dist –Kolhapur, Pin- 416108.	DATE OF ANALYSIS	25/12/2024

DETAILS OF SAMPLE	OF THE PROPERTY OF THE PROPERT	NATURE	LOCATION
Soil Sample	M/s. Greensafe Enviro Services		Ramchandra
			Bedkihale

RESULTS OF ANALYSIS

SR NO	DESCRIPTION	UNIT	RESULT	TEST METHOD
1	pH (10 % Extract)		7.14	IC 0700 (D. 100) (000
2	Chlorides as Cl-	mg/kg	The second secon	IS 2720 (Part 26) 1987 RA 2016
3	Sulphates as SO ₄		178.00	SOP NO: HS/ NABL/ SOIL/27
4	Total Chromium as Cr	mg/kg	11.25	IS 2720 (Part 27)- 2020
5		mg/kg	4.00	SOP NO: HS/ NABL/ SOIL/20
	Total Nitrogen as N	mg/kg	124.00	IS 14684:2019
6_	Phosphorus as P	mg/kg	27.65	SOP NO: HS/ NABL/ SOIL/08
7_	Nickel as Ni	mg/kg	24.00	SOP NO: HS/ NABL/ SOIL/20
8	Cadmium as Cd	mg/kg	0.60	
9	Copper as Cu			SOP NO: HS/ NABL/ SOIL/20
10	Zinc as Zn	mg/kg	34.00	SOP NO: HS/ NABL/ SOIL/26
1000		mg/kg	30.00	SOP NO: HS/ NABL/ SOIL/20
11	Total Ammonia as N	mg/kg	26.50	Ministry of Agriculture 2011

For HORIZON SERVICES MEN aug DER OU (LAB INCHARGE)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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STACK EMISSION MONITORING REPORT

Report No.	HS/REP/24-25/3126/4
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES

RESULTS

	T				
SR. NO.	DESCRIPTION	UNIT	RESULT	LIMITS	Methods Used
01	DATE OF SAMPLING	DD/MM/YY	24/12/2024		
02	TEST LOCATION		Boiler 1 & 2 (Capacity-70 MT/Hr & 40 MT/Hr)		
03	TIME OF SAMPLING (00.00)	Hrs	10:30		
04	MATERIAL OF STACK				
05	STACK HEIGHT (AGL)	Mtr	65		
06	TYPE OF FUEL USED		Bagasse		
07	FUEL CONSUMPTION	MT/Hr	55		d A
08	TYPE OF STACK		Round		
09	FLUE GAS TEMPERATURE	Deg C	157		
10	VELOCITY	M/Sec	7.81		
11	DIAMETER OF STACK	M	3.43	ľ I	
12	GAS VOLUME	Nm³/Hr	179729.72		
13	PM C	mg/Nm³	81.86	As per Consent	IS 11255 (Part 1): 1985 RA 2019
14	SO ₂	Kg/Day	94.0	As per Consent	IS 11255 (Part 2): 1985 RA 2019

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	SK-GSES/SK	SMK/RM-01	SSEC/FF/1239	07/06/2024	06/06/2025

THE RIZON

For HORIZON SERVICES

MANISHA NARGOLKAR (Lab Incharge)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

• Mobile: 7249867318, 8378018710 • Tel.: 020 - 25460202 • Email: kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/24-25/3126/1
Dated	30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES

RESULTS

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYSIS
01	DATE OF SAMPLING	DD/MM/YY	24/12/2024		
02	TEST LOCATION		Near Factory Main Gate		
03	TIME OF SAMPLING	Hrs	09:00-17:00	1	
04	TEMPERATURE (Max./Min)	Deg C	31/18		
05	RELATIVE HUMIDITY	% RH	50	1	
06	SAMPLING DURATION	Hrs	8		
07	PM ₁₀	μg/m³	84.20	≤100	IS 5182(part 23):2006, RA 2022
08	PM _{2.5}	μg/m³	44.99	≤60	IS 5182(part 24):2019
09	SO ₂	μg/m³	10.49	≤80	IS 5182(part 2):2023
10	NO ₂	μg/m³	28.58	≤80	IS 5182(part 6):2006 RA 2022

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	AFDS-GSES/ADS-01	AFDS/FM-01	SSEC/FF/1250	08/06/2024	07/06/2025
2	RDS-GSES/RDS-01	RDS/UM-01	SSEC/FF/1242	08/06/2024	07/06/2025

NAAQS - National Ambient Air Quality Standards (2009)



For HORIZON SERVICES

MANISHA NARGOLKAR

(Lab Incharge)



"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.

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AMBIENT NOISE LEVEL MONITORING REPORT

Report No.	: HS/REP/24-25/3126/6
Dated	: 30/12/2024
Inward No.	: GS-1556
Inward Date	: 25/12/2024
Client	: M/S SHRI GURUDATT SUGARS LTD., TAKALIWADI
Site	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL,
	DIST-KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. GREENSAFE ENVIRO SERVICES
Date of Sampling	: 24/12/2024

RESULTS

SR. NO.	TEST LOCATION UNIT DA		DAY	TIME	NIGHT TIME	
			Time	Readings	Time	Readings
01	Near Main Gate	dB (A)	11:05 hrs.	71.5	22:10 hrs.	66.6
02	Near Boiler	dB (A)	11:10 hrs.	69.9	22:15 hrs.	67.2
03	Near ETP Area	dB (A)	11:15 hrs.	68.2	22:20 hrs.	63.8
04	Near Sugar Godown	dB (A)	11:20 hrs.	72.2	22:25 hrs.	68.5
05	Near Laboratory	dB (A)	11: 25 hrs.	73.0	22:30 hrs.	67.2
06	Near Mill House	dB (A)	11:30 hrs.	72.7	23:35 hrs.	68.4
07	Near Pan Section	dB (A)	11:35 hrs.	73.1	23:40 hrs.	69.1
08	Near Sugar Plant	dB (A)	11:40 hrs.	72.9	23:45 hrs.	68.5
09	Near Weigh Bridge	dB (A)	11:45 hrs.	71.1	23:50 hrs.	66.8
10	Near Centrifugal	dB (A)	11:50 hrs.	72.6	23:55 hrs.	68.9

Calibrations details: -

Sr. No	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due date
1	SLM-GSES/DB-01 Make- Mextech, MODEL NO4201	GE/DB-01	SSEC/ME/205	07/06/2024	06/06/2025

Limits:

≤75 dB (A) For Day Time ≤70 dB (A) For Night Time

REMARK/OBSERVATIONS:

Noise levels limits are given as per Noise Pollution (Regulation & Control) Rules 2000.

z o N

For HORIZON SERVICES

MANISHA NARGOLKAR (Lab Incharge)

A

जाहीर नोदीस

श्री गुरुदत्त शुगर्स लिमिटेड ,टाकळीवाडी. पर्यावरण विषयक अनुमती.

श्री गुरुदत्त शुगर्स लिमिटेड, गट नं . ६१/अ, अकिवाट टाकळीवाडी रोड, टाकळीवाडी . शिरोळ, जि .कोल्हापूर. पिन नं. ४१६१०८ तर्फ कळवणेत येते की , आमच्या कारखान्यामध्ये आसवानी प्रकल्प क्षमता 150 KLPD ते 400 KLPD वाढीव प्रकल्पास भारत सरकारचे पर्यावरण , वनविभाग व हवामान बदल, मंत्रालय ,नवी दिल्ली कडील पत्र सदर्भ । J-11011/368/2022-IA-II(I). दिनांक 27/12/2022 ने विस्तारीकरणास अनुमती मिळालेली आहे.

श्री माधवराव भगवानराव घाटगे

चेअरमन व कार्यकारी संचालक श्री गुरुदत्त शुगर्स लिमिटेड ,टाकळीवाडी

PUBLIC NOTICE

To whomsoever It may

This is to inform to the public that shri gurudatt sugars Ltd , gat no takaliadi road 61/A.Akiwat ,takaliwadi, tal-shirol, Dist-416108, Maharashtra klohapurhas been granted environmental clearance for their proposed expansion of distillery plant 150 KLPD to 400 KLPD vide letter no. IA-J11011/368/2022-IA-II (1) Dt.27.12.2022.

The copy of same can be viewed at website of ministry of environment of forest and climate change of http://moct.mc.tn

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-Shri Madhayray B Ghatage Chairman & Managing Director

♦The Indian EXPRESS



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000077486

Submitted Date

11-04-2025

PART A

Company Information

Company Name

Shri Gurudatt Sugars Ltd.,

Address

Gat No - 61/A, A/p - Takaliwadi

Plot no

Gat No 61/A

Capital Investment (In lakhs)

28135.00

Pincode 416108

Telephone Number

7350010520

Region

SRO-Kolhapur

Last Environmental statement submitted online

yes

Consent Valid Upto

2025-08-31

Secondary (STC Code)

Industry Category Primary (STC Code) &

Application UAN number

MPCB-CONSENT-0000139916

Taluka Village

Shirol Akiwat -Takaliwadi Road

Scale City
L.S.I Kolhapur

Person NameDesignationMr Rahul M GhatageExecutive Directors

Fax Number Email

02312686086 gslsugars.env@gmail.com

Industry Category Industry Type

Red R60 Distillery (molasses / grain /yeast based)

Consent Number Consent Issue Date

MPCB-CONSENT-0000139916 2024-12-03

Establishment Year Date of last environment statement

submitted

2019 Apr 6 2024 12:00:00:000AM

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
RECTIFIED SPIRIT (CAPTIVE)/ DENATURED SPIRIT (CAPTIVE)	81000	0	KL/A
EXTRA NEUTRAL ALCOHOL	50220	1498.314	KL/A
IMPURE SPIRIT/TECHNI C AL ALCOHOL	5670	0	KL/A
FUSEL OIL	4050	0	KL/A
Ethanol	76950	33743.803	KL/A
ELECTRICITY	5.5	4.2	Mwh

By-product Information

NA 0 0 KL/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day		
Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	72.00	69.00
Cooling	1350.00	1260.53
Domestic	1.00	0.80
All others	0.00	0.00
Total	1423.00	1330.33

2)	Effluent	Generation	in CMD	/ MLD
----	-----------------	------------	--------	-------

Particulars	Consent Quantity	Actual Quantity	UOM	
Daily Quantity of Trade Effluent from the Factoy	1200	1032.64	CMD	

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Distillery including Fermentation Industry	1.12	5.32	Ton/Ton
Distillery including Fermentation Industry	0	1.2	Ton/Ton
Distillery including Fermentation Industry	6.81	6.94	Ton/Ton
Distillery including Fermentation Industry	0	0.3	Ton/Ton
Distillery including Fermentation Industry	0	0.01	Ton/Ton
Distillery including Fermentation Industry	3.7	3.71	Mwh

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	иом
Molasse	38406.36	31252	MT/A
B Heavy Molasses	115154	104234	MT/A
Sugar Cane Juice Syrup	6789	0	MT/A
Consumable Chemicals (Caustic Soda)	2021	1992	MT/A
Consumable Chemicals (Antifoam)	1492	1353	MT/A

4) Fuel Consumption

4) I del consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
NA	300	278	CMD
Coal	18250	2031.54	MT/A

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)
[A] Water

Pollutants

Detail

Quantity of Pollutants discharged (kL/day) Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Percentage of variation from prescribed standards with reasons

	14.92	0	0	0	0
[B] Air (Stack) Pollutants Detail	Quantity of Pollutants discharged (kL Quantity	Concentration of discharged(Mg/Ni /day) Concentration	M3) from	entage of variation prescribed lards with reasons iation Standar	d Reason
Total Particulate Matter	543.12	33.30	0	0	0
Part-D					
HAZARDOUS WAS					
Hazardous Waste 5.1 Used or spent of		g Previous Financial year	Total During 70	g Current Financial year	UOM Ltr/A
	Control Facilities		T. 1. 1 P	Community Edward and American	
5.1 Used or spent of		g Previous Financial year	70 Total During 70	Current Financial year	UOM Ltr/A
Part-E					
SOLID WASTES 1) From Process Non Hazardous V	Vaste Type Total D	During Previous Financial	-	ing Current Financial year	иом
Boiler Ash	3398		3031		MT/A
2) From Pollution Non Hazardous V Boiler Ash	n Control Facilities Vaste Type	Total During Previous Fi 3398	nancial year Total I	During Current Financial year	r UOM MT/A
3) Ouantity Recy	cled or Re-utilized (within the unit			
Waste Type			ring Previous Financial	Total During Current Finance	cial UOM
	sidues	year 8.42	ing Previous Financial	Total During Current Financ year 7.91	cial UOM MT/A
Waste Type	sidues	year	ing Previous Financial	year	
Waste Type 20.3 Distillation res Part-F Please specify th	e characteristics(in	year 8.42	and quantum) of hazard	year	MT/A
Waste Type 20.3 Distillation res Part-F Please specify th indicate disposal 1) Hazardous Wa	e characteristics(in practice adopted f	year 8.42 terms of concentration a for both these categories	and quantum) of hazard	year 7.91 dous as well as solid wastes a	MT/A
Waste Type 20.3 Distillation res Part-F Please specify th indicate disposal 1) Hazardous Wa	e characteristics(in practice adopted f	year 8.42 terms of concentration a	and quantum) of hazard	year 7.91	MT/A
Waste Type 20.3 Distillation res Part-F Please specify the indicate disposal 1) Hazardous Wate Type of Hazardous NA 2) Solid Waste Type of So	e characteristics(in practice adopted f ste us Waste Generated	year 8.42 terms of concentration a for both these categories Qty of Hazardous Wast 0 Qty of Solid Was	and quantum) of hazard of wastes. te UOM Concentr Kg/Annum 0	year 7.91 dous as well as solid wastes of the solid wastes of the solid waste of the sol	MT/A
Waste Type 20.3 Distillation res Part-F Please specify the indicate disposal 1) Hazardous Wa Type of Hazardou NA 2) Solid Waste	e characteristics(in practice adopted f ste us Waste Generated	year 8.42 terms of concentration a for both these categories d Qty of Hazardous Wast	and quantum) of hazard of wastes. te UOM Concentr Kg/Annum 0	year 7.91 dous as well as solid wastes of the	MT/A

Quantity

Concentration

%variation

Standard Reason

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
The 100% treated water from E.T.P. is recycled for Distillery Cooling tower and Fermatation make up purpose.	528	152	142	5.1	6.22	27

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

[A] Investment made during the period of Environmental

Statement

Detail of measures for Environmental Protection

Good House Keeping kept in a mfg plant as well as ETP massive tree plantation done on available land.

Environmental Protection Capital Investment (Lacks)

Tree Plantation (Quantity 500 Nos) 2.5

2.5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Good House Keeping kept in a mfg plant as well as ETP massive tree plantation done on available land.

Environmental Protection Measures Capital Investment (Lacks)

Tree Plantation (Quantity 500 Nos)

3

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We have planted about 1000 Nos plants around the Distillery for develop green belt around the premises. We are proposed to plant various type of tree in this year also.

Name & Designation

Mr. Atul Pawar - Chief Executive Officer

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000077486

Submitted On:

11-04-2025

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114)

SHRI GURUDATT SUGARS LIMITED

(Health Register)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87) 11-01-25 } From: { 12-01-24 To

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

DSD Security	r r r r r r r	From: { 12-01-	24	To 11-01-25	}			,							
Serial No. Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept.of employement of present work	Date of Leaving or	Transfer to Other	For Le	Nature of Job or Occupation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1 2	3	4	5	6		7	8	9 1	10	11		12	13	14	15
1 100	Bharat B. Jadhav	Male	57	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
2 14001	Sham S. Patil	Male	42	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
3 14005	Sumit Bandu Khot	Male	23	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
4 14006	Siddharath K. Kamble	Male	35	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
5 14007	Yogesh S. Dharangutte	Male	27	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
6 14008	Nitin G. Madhale	Male	36	Security	ſ	NA	NA			13-01-24	FIT	NA	NA	NA	
7 14010	Pramod Y. Kadam	Male	43	Security	ſ	NA	NA			13-01-24	FIT	NA	NA	NA	
8 14014	Shubham Narayan Gaikwad	Male	26	Security	ſ	NA	NA			13-01-24	FIT	NA	NA	NA	
9 14016	Prakash Ramu Repe	Male	39	Security	ſ	NA	NA			13-01-24	FIT	NA	NA	NA	
10 14017	Prakash A. Gaykwad	Male	28	Security	ſ	NA	NA			13-01-24	FIT	NA	NA	NA	
11 14018	Avadhut S. Jagtap	Male	52	Security	ſ	NA	NA			13-01-24	FIT	NA	NA	NA	
12 14019	Rushikesh Balasaheb Thorat	Male	25	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
13 14021	Sagar R. Apraj	Male	30	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
14 14022	Chidanand R. Dharangutte	Male	24	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
15 14023	Shivram E. Kamble	Male	41	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
16 14024	Shashidhar Kamble	Male	40	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
17 14025	Vinod R. Kadam	Male	44	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
18 14026	Sanjay S. Patil	Male	49	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
19 14027	Shahir S. Chavare	Male	59	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
20 14028	Swapnil B. Mohite	Male	27	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
21 14029	Prabhakar A. Aadake	Male	36	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	
22 -	Sambhaji A. Pujari	Male	45	Security	1	NA	NA			13-01-24	FIT	NA	NA	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रनाचे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक **夢. ACS 15-AM/2016**

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114) SHRI GURUDATT SUGARS LIMITED (Health Register)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

Nirma	al Jyot	From:	12-01-	24	To 11-01-25 }										
Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept.of employement of present work	Date of Leaving or Transfer to Other	Reason For Leaving Transfer of Discharge	Nature of Job or Occupation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11		12	13	14	15
1	10015	Vinayak K. Ghatage	Male	37	Agriculture	NA	NA			13-01-24	FIT	NA	NA	NA	
2	16001	Vijay M. Patil	Male	30	ETP	NA	NA			13-01-24	FIT	NA	NA	NA	
3	16002	Amin D. Mulla	Male	30	Store	NA	NA			13-01-24	FIT	NA	NA	NA	
4	16003	Dipak S. Badame	Male	31	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
5	16005	Pravin P. Kamble	Male	29	ETP	NA	NA			13-01-24	FIT	NA	NA	NA	
6	16007	Mahesh G. Kamble	Male	32	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
7	16009	Appaso D. Khot	Male	33	Store	NA	NA			13-01-24	FIT	NA	NA	NA	
8	16009	Babaso A. Kumbhar	Male	30	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
9	16012	Anil G. Patil	Male	37	Caneyard	NA	NA			13-01-24	FIT	NA	NA	NA	
10	16013	Ramesh B. Jadhav	Male	43	Caneyard	NA	NA			13-01-24	FIT	NA	NA	NA	
11	16017	Atul S. Chudumunge	Male	31	Agriculture	NA	NA			13-01-24	FIT	NA	NA	NA	
12	16019	Vinod B. Sokande	Male	31	Agriculture	NA	NA			13-01-24	FIT	NA	NA	NA	
13	16020	Pandurang R. Dhangar	Male		Caneyard	NA	NA			13-01-24	FIT	NA	NA	NA	
14	16021	Namdev K. Nirmale	Male	36	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
15	16022	Dadaso Babaso Bhamane	Male	30	Co-Generation	NA	NA			13-01-24	FIT	NA	NA	NA	
16	16023	Santosh N. Kamble	Male	31	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
17	16025	Chandrakant P. Biranage	Male	34	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
18	16026	Rohit M. Patil	Male	27	ETP	NA	NA			13-01-24	FIT	NA	NA	NA	
19	16027	Vaibhav B. Yedake	Male	29	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
20	16031	Ajit S. Patil	Male	34	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
21	16032	Balaso Lahu Kamble	Male		WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
22	16033	Shubham A. Patil	Male	24	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
23	16034	Prajyot M. Ingale	Male	34	Caneyard	NA	NA			13-01-24	FIT	NA	NA	NA	
24	16035	Shrimant B. Latkar	Male	33	Caneyard	NA	NA			13-01-24	FIT	NA	NA	NA	
25	16036	Santosh Vasant Kumbhar	Male	35	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
26	16037	Rahul Tanaji Kumbhar	Male	30	Juss	NA	NA			13-01-24	FIT	NA	NA	NA	
27	16038	Yuvraj A. Mane	Male	37	Engineering	NA	NA			13-01-24	FIT	NΑ	NA	NA	5

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रनामे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक **夢. ACS 15-AM/2016**

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,XXI,XIII,XIV,XV,XVIII,XVIII & XX to Rule 114)

SHRI GURUDATT SUGARS LIMITED

(Health Register)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

Nirmal Jyot	From: {		24	To 11-01-25 }				,			•	•	
Serial No. Works No.	Name of Worker	Sex	Age (Last birth -day)	employement of present work	r to Othe	Reason For Leaving Transfer of Discharge	Nature of Job or Occupation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1 2	3	4	5	6	7	8	9	10	11	12	13	14	15
28 16039	Sachin V. Kumbhar	Male	38	Engineering	NA	NA			13-01-24 FIT	NA	NA	NA	
29 16041	Appaso P. Narute	Male	38	Engineering	NA	NA			13-01-24 FIT	NA	NA	NA	
30 16043	Sagar A. Mali	Male	35	Caneyard	NA	NA			13-01-24 FIT	NA	NA	NA	
31 16044	Satish N. Gaykwad	Male	29	Caneyard	NA	NA			13-01-24 FIT	NA	NA	NA	
32 16045	Nikhil P. Patil	Male	29	Caneyard	NA	NA			13-01-24 FIT	NA	NA	NA	
33 16046	Chandrakant V. Magdum	Male	42	Caneyard	NA	NA			13-01-24 FIT	NA	NA	NA	
34 16048	Sushant P. Kosti	Male	27	WTP	NA	NA			13-01-24 FIT	NA	NA	NA	
35 16054	Machindranath A. Davari	Male	53	WTP	NA	NA			13-01-24 FIT	NA	NA	NA	
36 16055	Amar Ashok Korale	Male	36	Caneyard	NA	NA			13-01-24 FIT	NA	NA	NA	
37 -	Vishal Ravasaheb Bage	Male	27	HR	NA	NA			13-01-24 FIT	NA	NA	NA	-

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रनाने कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक क्र. ACS 15-AM/2016

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114)

SHRI GURUDATT SUGARS LIMITED

(Health Register)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

From: { 12-01-24 To 11-01-25 Pramutech Services Ltd. employement of present work Name of Worker Reason For Leaving Transfer of Discharge Age (Last birth -day) Material or by duct Handeled Dept.of 4 5 6 8 9 10 12 13 14 15 11 1 1106 Rakesh R. Savadatti 26 Co-Generation 13-01-24 NA Male NA NA FIT NA NA NA NA 2 11006 Kapil S. Gidd 32 Distillery 13-01-24 FIT NA NA NA Male NA NA 3 11007 27 Distillery NA NA Tejas P. Patil Male 13-01-24 FIT NA NA NA 4 11009 Ramesh R. Kadam 41 Distillery 13-01-24 FIT NA NA NA Male NA NA 5 11012 Satish N. Patil 40 Distillery 13-01-24 FIT NA NA NA Male 6 11014 Gangadhar R. Bhosale 30 Distillery NA NA 13-01-24 FIT NA NA NA Male NA NA NA NA 7 11019 Pravin B. Mali 31 Distillery 13-01-24 FIT NA Male NA NA 8 11020 Manjunath S. Patil Male 31 Distillery 13-01-24 FIT NA NA NA 9 11021 NA NA NA Adinath M. Nirmale Male 26 D.E. 13-01-24 FIT NA NA 10 11022 NA NA Farukh M. Khan Mokashi Male 37 Electrician 13-01-24 FIT NA NA NA NA NA 11 11023 Pravin P. Patil 0 Distillery NA NA 13-01-24 FIT NA Male NA NA NA NA 12 11024 Kadagouda B. Patil Male 44 Distillery 13-01-24 FIT NA 13 11027 NA NA NA Ajitsinh B. Padaval Male 31 Distillery 13-01-24 FIT NA NA NA NA 14 11033 FIT NA Ganesh V. Khot Male 23 Distillery 13-01-24 NA NA NA NA 15 11042 Sakul S. Latakar 27 Distillery 13-01-24 FIT NA NA Male NA 16 11044 NA NA NA Vipul A. Patil Male 29 Distillery 13-01-24 FIT NA NA NA NA 17 11049 Male 44 Co-Generation NA Ravikiran E. Dhavale 13-01-24 FIT NA NA NA NA 18 11051 Sourabh S. Gaukude Male 25 Distillery 13-01-24 FIT NA NA NA 19 11054 NA NA FIT NA NA Amol V. Jagtap Male 40 Distillery 13-01-24 NA Shivanand S. Langre NA NA 20 11055 NA Male 26 Distillery 13-01-24 FIT NA NA 21 11056 NA NA Amol S. Patil 27 Distillery FIT NA NA NA Male 13-01-24 NA NA 22 11057 NA Sourabh M. Kakade Male 27 Distillery 13-01-24 FIT NA NA 23 11059 NA NA NA NA Umesh M. Kagale Male 36 Engineering 13-01-24 FIT NA 24 11061 NA NA NA NA Ranjit S.Patil Male 27 Distillery 13-01-24 FIT NA 31 Distillery NA NA 25 11063 Kashinath D. Goundi Male 13-01-24 FIT NA NA NA NA 26 11065 NA NA NA Sunil S. Sajane Male 34 Engineering 13-01-24 FIT NA NA NA FIT NΑ NΑ NΑ 27 11065 Prasad A. Kumbhar 37 Engineering 13-01-24 Male

> कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाने कोल्हापुर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक 西. ACS 15-AM/2016

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114)

SHRI GURUDATT SUGARS LIMITED

(Health Register)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

From: { 12-01-24 To 11-01-25 }

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

Pramutech Services Ltd		12-01-		To 11-01-25 }				,				•		•
Serial No. Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept.of employement of present work	Date of Leaving or Transfer to Other	Reason For Leaving Transfer of Discharge	Nature of Job or Occupation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1 2	3	4	5	6	7	8	9	10	11		12	13	14	15
28 11066	Raghavendra D. Shamannavar	Male	34	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
29 11067	Arjun S. Pujari	Male	27	Co-Generation	NA	NA			13-01-24	FIT	NA	NA	NA	
30 11068	Kiran S. Mandeshi	Male	34	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
31 11069	Pravin R. Jadhav	Male	32	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
32 11070	Ananda B. Unhale	Male	32	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
33 11073	Pravin S. Thakur	Male	38	WTP	NA				13-01-24	FIT	NA	NA	NA	
34 11074	Dhareppa G. Mane	Male	25	Engineering	NA				13-01-24	FIT	NA	NA	NA	
35 11075	Pradeep G. Mali	Male	37	Distillery	NA				13-01-24	FIT	NA	NA	NA	
36 11078	Vijay Raj A. Dudhale	Male		Distillery	NA				13-01-24	FIT	NA	NA	NA	
37 11079	Sunil P. Mhajshale	Male		WTP	NA				13-01-24	FIT	NA	NA	NA	
38 11081	Sourabh R. Nandane	Male		Distillery	NA				13-01-24	FIT	NA	NA	NA	
39 11084	Appanagouda B. Patil	Male	26	Distillery	NA				13-01-24	FIT	NA	NA	NA	
40 11084	Jagannath D. Chavan	Male	30	Distillery	NA				13-01-24	FIT	NA	NA	NA	
41 11088	Kiran R. Latte	Male		Distillery		NA			13-01-24	FIT	NA	NA	NA	
42 11090	Sourabh S. Mane	Male		Distillery	NA				13-01-24	FIT	NA	NA	NA	
43 11091	Akshay Kumar S. Gaikwad	Male		Engineering	NA				13-01-24	FIT	NA	NA	NA	
44 11092	Sagar S. Zanje	Male	27	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
45 11093	Suraj S. Patil	Male	25	Distillery	NA				13-01-24	FIT	NA	NA	NA	
46 11094	Akash A. Powar	Male		Distillery	NA				13-01-24	FIT	NA	NA	NA	
47 11095	Anand Shankar Naik	Male		Engineering	NA				13-01-24	FIT	NA	NA	NA	
48 11097	Shivshant S. Waghmare	Male	28	Distillery	NA				13-01-24	FIT	NA	NA	NA	
49 11100	Amol S. Kachare	Male		Engineering	NA				13-01-24	FIT	NA	NA	NA	
50 11101	Ganesh S. Patil	Male		Distillery	NA				13-01-24	FIT	NA	NA	NA	
51 11102	Mahesh B. Kattikar	Male		Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
52 11104	Ketan B. Patil	Male		Electrician	NA				13-01-24	FIT	NA	NA	NA	
53 11107	Shreyansh B. Girmal	Male		Distillery	NA				13-01-24	FIT	NA	NA	NA	
54 11108	Ramazan D. Keruri	Male	40	Engineering	NA	NA			13-01-24	FIT	NΑ	NA	NA	2

कारवाने अधिनियम १९४८ च्या कलम १०(२) प्रमाचे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक क्र. ACS 15-AM/2016

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114)

SHRI GURUDATT SUGARS LIMITED

Pramutech Services Ltd.

(Health Register)

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

From: { 12-01-24 To 11-01-25 }

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept.of employement of present work	Date of Leaving or Transfer to Other	Reason For Leaving Transfer of Discharge	e of Jopation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	ult of Me minatior	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11		12	13	14	15
55 11109	9	Gorakanath D. Mane	Male	49	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
56 11111	1	Vikrant B. Kamble	Male	37	Boiler	NA	NA			13-01-24	FIT	NA	NA	NA	
57 11113	3	Sachin T. Jadhav	Male	26	WDT	NA	NA			13-01-24	FIT	NA	NA	NA	
58 11114	4	Adesh V. Gundkalle	Male	26	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
59 11116	5	Suyash S. Ghatage	Male	22	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
60 -		Yogesh V. Kumbhar	Male	28	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक क्र. ACS 15-AM/2016

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114)

SHRI GURUDATT SUGARS LIMITED

Raju Tambekar

(Health Register)

CERTIFYING SURGEON DR. ARVIND MANE

(In respect of persons employed in occupations declared to be dangerous operations under sections 87) From: { 12-01-24 To 11-01-25 }

MBBS DPH AFIH.(MUMBAI)

Serial No.		Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept.of employement of present work	Date of Leaving or Transfer to Other	Reason For Leaving Transfer of Discharge	Nature of Job or Occupation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1		2	3	4	5	6	7	8	9	10	11		12	13	14	15
1	1 -		Appaso L. Latte	Male	50	Packing	NA	NA			13-01-24	FIT	NA	NA	NA	
2	2 -		Imran S. Kunundwade	Male	35	Sugar Godwan	NA	NA			13-01-24	FIT	NA	NA	NA	
3	3 -		Kedar K. Nirmale	Male	26	Sugar Godwan	NA	NA			13-01-24	FIT	NA	NA	NA	
	1 -		Nagesh D. Gaste	Male	28	Sugar Godwan	NA	NA			13-01-24	FIT	NA	NA	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रनामे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक **夢. ACS 15-AM/2016**

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114) SHRI GURUDATT SUGARS LIMITED (Health Register)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

V.D.P. From: { 12-01-24 To 11-01-25 }

V.D.P.	From: {	{ 12-01-24 10 11-01-25 }									
Serial No. Works No.	Name of Worker	Age (Last birth -day) Dept.of employement of present work	Date of Leaving or Transfer to Other	Reason For Leaving Transfer of Discharge Nature of Job or Occupation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1 2	3	4 5 6	7	8 9	10	11		12	13	14	15
1 1505	Vidyasagar B. Chavan	Male 28 Engineering	NA	NA		13-01-24	FIT	NA	NA	NA	
2 15034	Krishnat A. Shinde	Male 30 WTP	NA	NA		13-01-24	FIT	NA	NA	NA	
3 15035	Sagar S. Patil	Male 27 Distillery	NA	NA		13-01-24	FIT	NA	NA	NA	
4 15038	Mahesh B. Badame	Male 32 Distillery	NA	NA		13-01-24	FIT	NA	NA	NA	
5 15039	Vinayak Rajaram Prathnahalli	Male 25 Distillery	NA	NA		13-01-24	FIT	NA	NA	NA	
6 15041	Nikhil N. Patil	Male 21 Sanitation	NA	NA		13-01-24	FIT	NA	NA	NA	
7 15042	Ramchandra A. Vankore	Male 32 Sanitation	NA	NA		13-01-24	FIT	NA	NA	NA	
8 15043	Prakash S. Uadar	Male 39 ETP	NA	NA		13-01-24	FIT	NA	NA	NA	
9 15044	Ashitosh S. Pawar	Male 24 WTP	NA	NA		13-01-24	FIT	NA	NA	NA	
10 15045	Basagonda C. Patil	Male 27 WTP	NA	NA		13-01-24	FIT	NA	NA	NA	
11 15051	Sourabh S. Koli	Male 25 Sanitation	NA	NA		13-01-24	FIT	NA	NA	NA	
12 15052	Rakesh Tatoba Gawade	Male 24 Biofertilizer	NA	NA		13-01-24	FIT	NA	NA	NA	
13 15054	Omkar Gajanan Bore	Male 26 Distillery	NA	NA		13-01-24	FIT	NA	NA	NA	
14 15055	Altaf M. Tashildar	Male 24 WTP	NA	NA		13-01-24	FIT	NA	NA	NA	
15 15057	Aaditya Sunil More	Male 24 WTP	NA	NA		13-01-24	FIT	NA	NA	NA	
16 15058	Shoukat I. Naikwade	Male 49 Sanitation	NA	NA		13-01-24	FIT	NA	NA	NA	
17 15061	Sachin S. Pakhare	Male 38 Sanitation	NA	NA		13-01-24	FIT	NA	NA	NA	
18 15062	Vinayak K. Vasawade	Male 28 Caneyard	NA	NA		13-01-24	FIT	NA	NA	NA	
19 15064	Prakul P. Walake	Male 31 Agriculture	NA	NA		13-01-24	FIT	NA	NA	NA	
20 15071	Abhishek V. Badame	Male 25 Default	NA	NA		13-01-24	FIT	NA	NA	NA	
21 15073	Pandurang B. Sutar	Male 28 Caneyard	NA	NA		13-01-24	FIT	NA	NA	NA	
22 15077	Sandip R. Koli	Male 24 Electrician	NA	NA		13-01-24	FIT	NA	NA	NA	
23 15079	Atul Shankar Bele	Male 23 Engineering	NA	NA		13-01-24	FIT	NA	NA	NA	
24 15082	Shiddheshwar R. Gote	Male 41 Manufacturing	NA	NA		13-01-24	FIT	NA	NA	NA	
25 15085	Sachin M. Chavan	Male 25 Manufacturing	NA	NA		13-01-24	FIT	NA	NA	NA	
26 15087	Yugandhar Y. Shinde	Male 27 WTP	NA	NA		13-01-24	FIT	NA	NA	NA	
27 15088	Shivraj R. Koli	Male 25 Engineering	NA	NA		13-01-24	FIT	NΑ	NΑ	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक क्र. ACS 15-AM/2016

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114) **SHRI GURUDATT SUGARS LIMITED** (Health Register)

V.D.P.

(In respect of persons employed in occupations declared to be dangerous operations under sections 87) From: { 12-01-24 To 11-01-25 }

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

V.D.F	•	1 10111. 1	12-01-2		10 110120)										
Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept.of employement of present work	Date of Leaving or Transfer to Other	Reason For Leaving Transfer of Discharge	Nature of Job or Occupation	Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11		12	13	14	15
28	15090	Pradip A. Naik	Male	26	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
29	15091	Mahesh S. Mali	Male		Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
30	15093	Chidanand A. Karadage	Male	36	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
31	15094	Rohan S. Patil	Male	27	Caneyard	NA	NA			13-01-24	FIT	NA	NA	NA	
32	15096	Vithal R. Gavade	Male		Default	NA	NA			13-01-24	FIT	NA	NA	NA	
33	15097	Mahesh S. Vankundre	Male	32	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
34	15098	Abhishek S. Mang	Male	25	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
35	15099	Rakesh D. Koli	Male	30	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
36	15102	Rahul R. Sunger	Male	28	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
37	15108	Prathamesh V. Katakar	Male	27	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
38	15110	Suraj S. Badame	Male	26	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
39	15114	Akshay D. Magdum	Male	25	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
40	15116	Ramdas A. Vasankar	Male	22	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
41	15121	Subham S. Patil	Male	25	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
42	15131	Dhiraj U. Tavdare	Male	22	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
43	15132	Babu A. Koravi	Male	20	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
44	15135	Harshad V. Ugare	Male	23	Production	NA	NA			13-01-24	FIT	NA	NA	NA	
45	15138	Shubham B. Bhatale	Male	27	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
46	15139	Sumit P. Jadhav Koravi	Male	23	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
47	15145	Vahid Babar Kurade	Male	20	Boiler	NA	NA			13-01-24	FIT	NA	NA	NA	
48	15146	Vishal Sanjay Phandare	Male	21	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
49	15148	Vishal Suresh Khot	Male	25	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
50	15150	Anil R. Patil	Male	47	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
51	15161	Santosh K. Dhavale	Male	24	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
52	15164	Shankar D. Killedar	Male	25	Sanitation	NA	NA			13-01-24	FIT	NA	NA	NA	
53	15166	Aakash Sanjay Vadar	Male	22	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
54	15170	Ramchandra B. Nandikuale	Male	41	Time Office	NA	NA			13-01-24	FIT	NΑ	NΑ	NA	2
													e con	-60	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रनाचे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक **ず. ACS 15-AM/2016**

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XV,XVII,XVIII & XX to Rule 114) SHRI GURUDATT SUGARS LIMITED (Health Register)

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

CERTIFYING SURGEON DR. ARVIND MANE MBBS DPH AFIH.(MUMBAI)

V.D.P. From: { 12-01-24 To 11-01-25 }

V.D.P.	From: {	12-01-24 10	11-01-25 }								
Serial No. Works No.	Name of Worker	Sex Age (Last birth -day) Dept.of employement of	Date of Leaving or		Raw Material or by Product Handeled	Date of Medical Examination by Certifying Surgeon	Result of Medical Examination	work, state Period of Suspension with Detailed Reasons	Certified fit to resume duty on with signature of certifying surgeon	unfitness or suspention issued to	Signature with Date of Certifying Surgeon
1 2	3	4 5	6 7	8 9	10	11		12	13	14	15
55 15175	Moshin A. Jamadar	Male 24 Manufa	cturing	NA NA		13-01-24	FIT	NA	NA	NA	
56 15177	Sushant S. Desai	Male 24 WTP	NA			13-01-24	FIT	NA	NA	NA	
57 15180	Rahul M. Pakhare	Male 23 Enginee	ring NA	NA NA		13-01-24	FIT	NA	NA	NA	
58 15187	Gurudatt S. Koli	Male 23 Enginee	ring NA	NA NA		13-01-24	FIT	NA	NA	NA	
59 15188	Sourabh S. Solase	Male 24 Distiller	y NA	NA NA		13-01-24	FIT	NA	NA	NA	
60 15189	Akshay V. Patil	Male 26 Manufa	cturing	NA NA		13-01-24	FIT	NA	NA	NA	
61 15191	Dhananjay A. Nasalapure	Male 29 Distiller	y NA	NA NA		13-01-24	FIT	NA	NA	NA	
62 15192	Amol P. Birange	Male 23 Distiller	y NA	NA NA		13-01-24	FIT	NA	NA	NA	
63 15194	Sanket R. Dangre	Male 22 WTP	NA	NA NA		13-01-24	FIT	NA	NA	NA	
64 15196	Adarsh Y. Patil	Male 24 Manufa	cturing	NA NA		13-01-24	FIT	NA	NA	NA	
65 15201	Shubham S. Koli	Male 24 Electric	an NA	NA NA		13-01-24	FIT	NA	NA	NA	
66 15202	Umesh B. Bawadekar	Male 29 ETP	NA	NA NA		13-01-24	FIT	NA	NA	NA	
67 15204	Raj A. Patil	Male 30 Enginee	ring NA	NA NA		13-01-24	FIT	NA	NA	NA	
68 15205	Ashok A. Koli	Male 28 Electric	an NA	NA		13-01-24	FIT	NA	NA	NA	
69 15206	Omkar V. Patil	Male 23 WTP	NA	NA		13-01-24	FIT	NA	NA	NA	
70 15207	Chandan N. Sahani	Male 30 Enginee	ring NA	NA		13-01-24	FIT	NA	NA	NA	
71 15208	Shambhu S. Sing	Male 36 Default	NA	NA		13-01-24	FIT	NA	NA	NA	
72 15209	Satyanand V. Gupta	Male 21 Default	NA	NA		13-01-24	FIT	NA	NA	NA	
73 -	Abhishek Sanjay Phalle	Male 23 -	NA	NA		13-01-24	FIT	NA	NA	NA	
74 -	Anil S. Koli	Male 48 -	NA	NA		13-01-24	FIT	NA	NA	NA	
75 -	Pandurang A. Susavare	Male 38 -	NA	NA		13-01-24	FIT	NA	NA	NA	
76 -	Uday S. Patil	Male 40 Boiler	NA	NA		13-01-24	FIT	NA	NA	NA	
77 -	Prathmesh S. Chavan	Male 23 Co-Gen	eration NA	NA		13-01-24	FIT	NA	NA	NA	
78 -	Kumar S. Birandage	Male 21 Distiller	y NA	NA		13-01-24	FIT	NA	NA	NA	
79 -	Sammed R. Vathare	Male 22 Electrici	an NA	NA		13-01-24	FIT	NA	NA	NA	
80 -	Sourabh S. Ugare	Male 21 Electrici	an NA	NA		13-01-24	FIT	NA	NA	NA	
81 -	Abhishek A. Ambupe	Male 21 Electric	an NA	NA		13-01-24	FIT	NΑ	NA	NA	

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक क्र. ACS 15-AM/2016

(See Rule 18 (7) and schedules II,III,IV,VI,VIII,X,XI,XIII,XIV,XVII,XVIII & XX to Rule 114)

Male

24 WTP

SHRI GURUDATT SUGARS LIMITED

Unishabh V. Magdum

87

(Health Register)

DR. ARVIND MANE
MBBS DPH AFIH.(MUMBAI)

CERTIFYING SURGEON

(In respect of persons employed in occupations declared to be dangerous operations under sections 87)

From: { 12-01-24 To 11-01-25 V.D.P. employement of present work Name of Worker Age (Last birth -day) Dept.of Serial No. 8 1 4 5 6 9 10 11 12 13 14 15 82 Shubham R. Manjare 21 Engineering Male NA NA 13-01-24 FIT NA NA NA NA NA NA 83 Vijay D. Patil Male 33 Sugar Godwan 13-01-24 FIT NA NA Vishvajit R. Shivpure 20 WTP NA NA 13-01-24 FIT 84 NA NA NA Male Shital S. Patil 39 WTP NA NA NA NA 85 Male 13-01-24 FIT NA NA NA Aadarsh K. Sutar 19 WTP 13-01-24 NA 86 Male FIT NA NA

NA NA

13-01-24

FIT

NA

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे कोल्हापूर जिल्हाकरिता प्राधिकृत प्रमाणकशल्यचिकित्सक क्र. ACS 15-AM/2016

NA

NA

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in



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

Mumbai-400022

RED/L.S.I (R60)

No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000201881/CO/2503001218

To, Shri Gurudatt Sugars Ltd Gat No. 61/A,Gat No. 61/A, Takalwadi, Tal. Shirol, Dist. -Kolhapur



Date: 08/03/2025

Sub: 1st Consent to Operate for Spent Wash Powder / Granules Plant

granted under Red Category.

Ref: 1. Renewal of Consent to Operate for – Format1.0/CAC/UAN No.MPCBCONSENT-0000208675/CR/2412000154 vide dt: 03/12/2024 Valid up to 31/08/2025

 Consent to Establish Consent to Establish for Spent wash Powder/Granules. vide no: No:- Format1.0/CAC/UAN No.MPCBCONSENT-0000180773/CE/2402000151 vide dt: 02/02/2024

- 3. Environmental Clearance EC Identification No. EC22A022MH187153 File No. IA-J-11011/368/2022-IA-II(I) date of issue EC 27/12/2022
- 4. Minutes of 14th CAC Meeting held on vide dt: 07.01.2025 & 14.01.2025

Your application No.MPCB-CONSENT-0000201881 Dated 08.03.2024

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

- 1. The consent to operate is granted for a period up to 31/08/2025
- 2. The capital investment of the project is Rs.9.6942 Crs. (As per C.A Certificate submitted by industry Existing-Rs. 305.79 Crs)
- 3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	ИОМ							
Prod	Products									
1 Spentwash Powder/Granules 192 MT/Day										

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	0	As per Schedule-I	Not Applicable
2.	Domestic effluent	0	As per Schedule-I	Not Applicable

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	1	Hot Air Generator	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	N.A.	0	NA	N.A.	N.A.

 Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
	NA				

- 8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 10. Project proponent shall submit Bank Guarantee of Rs. 5 Lakhs towards compliance of consent conditions and Environmental Clearance conditions
- 11. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. EC Identification No. EC22A022MH187153 File No. IA-J-11011/368/2022-IA-II(I) date of issue EC 27/12/2022.
- 12. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server.

- 13. This consent is issued pursuant to the decision of the 14th CAC Meeting held on vide dt: 07.01.2025 & 14.01.2025
- 14. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- 15. The industry shall create an Environment Cell by appointing an Environmental Engineer OR Expert for looking after day-to-day activities related to Environment OR Pollution control.

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





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ate	c81ef45f
ner	742ac0e4
6	d9115907

Signed by: Dr.Avinash Dhakne
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2025-03-08 20:17:56 IST

Received Consent fee of -

Sr.No Amount(Rs.)		Transaction/DR.No.	Date	Transaction Type	
1	25000.00	TXN2404000186	01/04/2024	Online Payment	

Copy to:

- 1. Regional Officer, MPCB, Kolhapur and Sub-Regional Officer, MPCB, Kolhapur
- They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Sion, Mumbai
- 3. CC/CAC Desk for record & website updation purposes.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. Conditions for Trade effluent:

- A] As per your application, the Effluent generation from expansion activity is NIL.
- B] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server

2.Conditions for Sewage/ Domestic effluent:

- i. You shall provide sewage treatment plant for the treatment of 0 CMD sewage generation due to expansion and provide including disinfection facility.
- ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No	Parameter	Concentration not to exceed(in mg/l except for pH
1.	рН	6.5-9.0
2.	BOD	30
3.	TSS	100

- iii. The sewage shall be treated by using septic tank and soak pit and overflow if any shall be used on-land for gardening/irrigation.
- 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)		
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00		
2.	Domestic purpose	0.50		
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	0.00		
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00		
5.	Gardening	0		

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

_	ack Io.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	5%	50 ₂
1		Hot Air Generator	WET Scrubber	28	Bagasse	2083 Kg/Hr	0.20	50.00

- 2. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- The Applicant shall obtain necessary prior permission for providing additional control
 equipment with necessary specifications and operation thereof or alteration or
 replacement/alteration well before its life come to an end or erection of new pollution
 control equipment.
- 4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm3	
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- 6. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- 7. The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
- 8. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 9. Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	1st Consent to Operate	Rs. 5 Lakh	Submit / extend in 15 days	For compliance of consent conditions	31/08/2025	28/02/2026

If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122

BG Forfeiture History

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

BG Return details

Srno	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned		
	NA					



SCHEDULE-IV

General Conditions:

- 1. The Energy source for lighting purpose shall preferably be LED based
- 2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
- 3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 4. The applicant shall maintain good housekeeping.
- 5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 7. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
- 8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- 9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
- 11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.

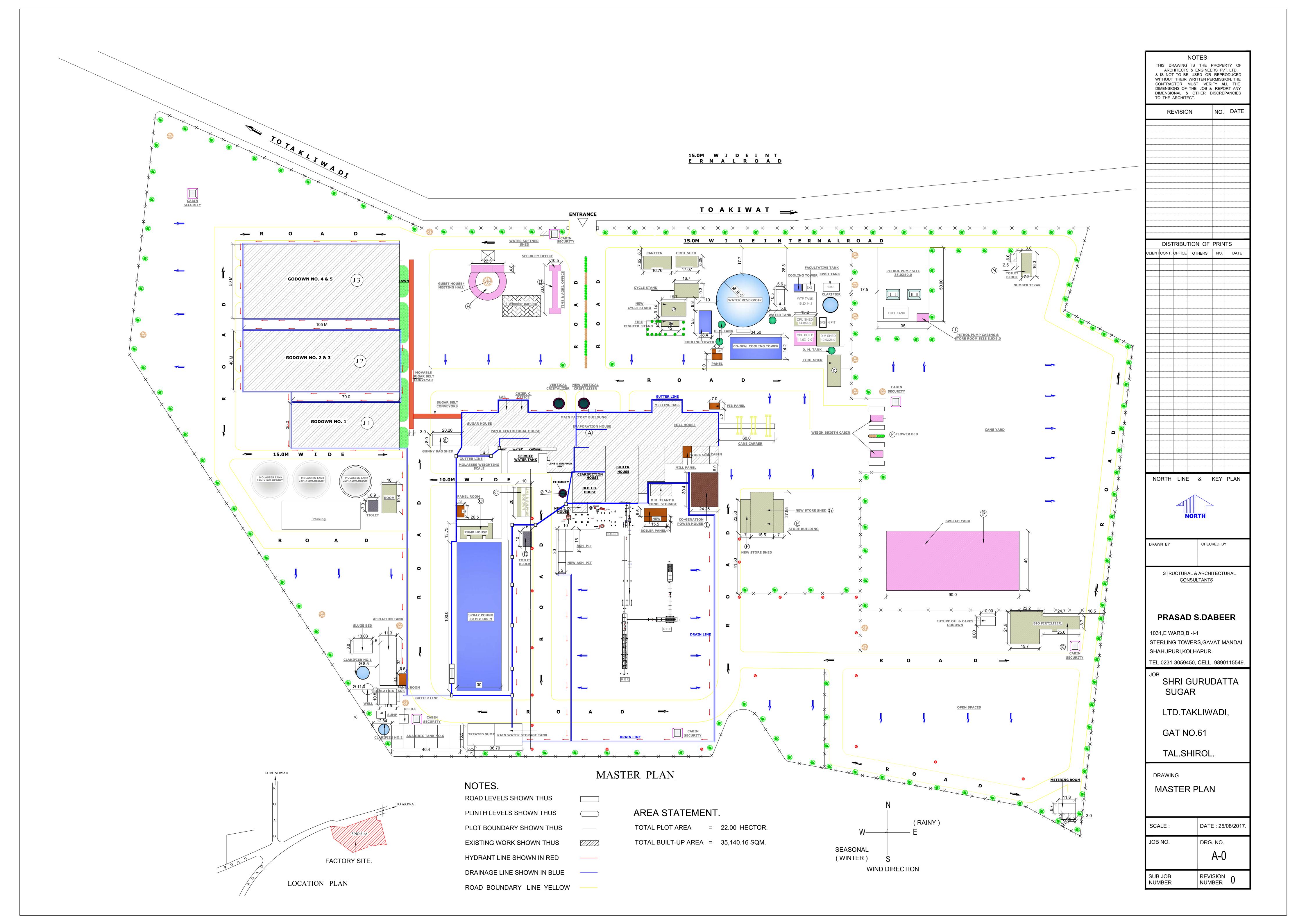
- 12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
- 14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
- 15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
- 20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 22. The industry should not cause any nuisance in surrounding area.
- 23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.

- 25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
- 27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
- 30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
- 31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
- 32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

- 35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
- 37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016, Bio Medical Waste Management Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.





MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

Website: http://mpcb.gov.in Email: cac-cell@mpcb.gov.in



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

Circle, Sion (E), Mumbai-400022

RED/L.S.I (R60) Date: 03/12/2024

No:- Format1.0/CAC/UAN No.MPCB-CONSENT-0000208675/CR/2412000154

To,

Shri Gurudatt Sugars Ltd.,

61/A, Gat No 61/A, Tal: Shirol, Dist: Kolhapur



Sub: Renewal of Consent to Operate for 225 KLPD Distillery Unit granted

under Red Category.

Ref:

- 1. Renewal of consent to operate granted by the Board vide no. No:-Format1.0/CAC/UAN No.MPCBCONSENT-0000170859/CR/2308000522 vide dt: 08/08/2023 valid up to: 31/08/2024
- 2. Environmental Clearance vide no. F. No-J-11011/41/2015-IA-II(I) DTD. 07.06.2019 and MoEFCC Notification dtd. 16.01.2020 & 02.03.2021.
- 3. Environmental Clearance vide No. F. No. IA-J-11011/368/2022-IA-II(I) dated: 27.12.2022. for expansion of distillery from 150 KLPD Molasses to 400 KLPD Molasses Based Distillery / 400 KLPD Grain based Distillery producing Ethanol for EBP
- 4. Minutes of 8th CAC Meeting held on dt: 04/10/2024

Your application No.MPCB-CONSENT-0000208675 Dated 09.05.2024

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

- 1. The consent to renewal is granted for a period up to 31/08/2025
- 2. The capital investment of the project is Rs.305.7900 Crs. (As per C.A Certificate submitted by industry 302.6745 Crs + 3.12 Crs)
- 3. Consent is valid for the manufacture of:

Sr No	Product	Maximum Quantity	иом
Prod	ucts		
1	Rectified Spirit (Captive)/ Denatured Spirit (Captive)	225	KL/D
2	2 Extra Neutral Alcohol OR 3 Ethanol		KL/D
3			KL/D
4	Impure Spirit /Technical Alcohol	15.75	KL/D

Sr No	Product	Maximum Quantity	ИОМ	
5	Fusel Oil	11.25	KL/D	
6	Electicity	5.5	MW	

PP shall comply with all the conditions in MoEFCC notification dated 16.01.2020 & 2.03.2021 & distillery capacity shall not exceed to 225 KLPD.

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	1200	As per Schedule-I	Bio-digester, MEE & incineration Boiler to achieve ZLD.
2.	Domestic effluent	0.8	As per Schedule-I	On land for gardening

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	1	Incineration boiler (22 TPH)	1	As per Schedule -II

6. Non-Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Ash	16	MT/Day	-	Manure
2	Distillery sludge	12	MT/A	Composting	Manure

7. Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:

Sı	r No	Category No./ Type	Quantity	UoM	Treatment	Disposal
	1	5.1 Used or spent oil	10	Ltr/M		Sale to authorized recycler

- 8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
- 9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 10. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. F. No-J-11011/41/2015-IA-II(I) DTD. 07.06.2019 and ensure display/upload of six-monthly compliance monitoring report on your official website.
- 11. PP shall ensure uninterrupted connectivity of OCEMS to Board server directly through data logger.
- 12. PP shall not increase consented Cane Crushing Capacity at any given time for sugar unit.
- 13. PP shall comply with all the conditions in MoEFCC notification dated 16.01.2020 & 2.03.2021.

- 14. Industry shall submit/extend Bank Guarantee of Rs. 25.0 Lakh towards Compliance of Consent conditions and O&M of Pollution Control System
- 15. This consent is issued pursuant to the decision of the 8th Consent Appraisal Committee Meeting held on dt: 04/10/2024
- 16. Project proponent shall comply with conditions stipulated in the Environmental Clearance vide No. F. No. IA-J-11011/368/2022-IA-II(I) dated: 27.12.2022. for expansion of distillery from 150 KLPD Molasses to 400 KLPD Molasses Based Distillery / 400 KLPD Grain based Distillery producing Ethanol for EBP
- 17. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- 18. The industry shall create an Environment Cell by appointing an Environmental Engineer / Expert for looking after day-to-day activities related to Environment / Pollution control.

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





Signed by: Dr.Avinash Dhakne
Member Secretary
For and on behalf of,
Maharashtra Pollution Control Board
ms@mpcb.gov.in
2024-12-03\17:02:34 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	611580.00	TXN2406002208	12/06/2024	Online Payment
2	15000.00	TXN2409003148	24/09/2024	Online Payment

Copy to:

- 1. Regional Officer, MPCB, Kolhapur and Sub-Regional Officer, MPCB, Kolhapur
- They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Sion, Mumbai
- 3. CC/CAC Desk for record & website updation purposes.

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. Conditions for Trade effluent:

- A] As per your application, Spent wash generation after using C-heavy molasses (150 KLPD) is 1200 CMD (after MEE- 300 CMD) and after using B-heavy molasses & syrup (225 KLPD) will be 1325 CMD (after MEE- 270 CMD). For treatment of same you have provided Bio- digester MEE for volume reduction followed by Incineration Boiler for achieving zero discharge. In no case spent wash shall discharge outside the factory premises/ on land / into stream directly or indirectly.
- B] Industry shall operate Online Continuous Emission Monitoring System (OCEMS) and shall transmit Online Continuous Emission Monitoring System (OCEMS) data to Board's server directly through the data logger without any intermediate server

2. Conditions for Sewage/ Domestic effluent:

- i. You shall provide sewage treatment plant for the treatment of 0.8 CMD sewage generation due to expansion and provide including disinfection facility.
- ii. The industry shall operate sewage treatment system to treat the sewage/ domestic effluent so as to achieve the standards as prescribed by the board/under EP Act, 1986 and rules made thereunder from time to time whichever is stringent.

Sr.No	Parameter	Concentration not to exceed(in mg/l except for pH
1.	рН	6.5-9.0
2.	BOD	महाराष्ट्र 30
3.	TSS	100

- iii. The sewage shall be treated by using septic tank and soak pit and overflow if any shall be used on-land for gardening/irrigation.
- 4. The operation of distillery should be restricted for the days mentioned in EC in a year and take adequate precaution during rainy season.
- 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)	
1.	Industrial Cooling, spraying in mine pits or boiler feed	0.00	
2.	Domestic purpose	1.00	
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	1350.00	
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00	
5.	Gardening	0	

Fresh water consumption will be restricted as per EC.

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

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.	Type of Fuel	Quantity & UoM	5 %	50 ₂
1	Incineration Boiler (22 TPH)	ESP		Slope 300 CMD + Coal	50 MT/Day	0.50	500.00

- 2. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- 3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- 4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 5. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate matter	Not to exceed	150 mg/Nm3	
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- 6. Storage of raw materials, coal etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- 7. The industry shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office MPCB.
- 8. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 9. Industry shall provide Online Continuous Emission Monitoring System (OCEMS) i.e. flow meter and night vision camera to ensure the Zero Liquid Discharge (ZLD) of spent wash and OCEMS for Boiler stack for PM parameter.

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	Renewal of consent to opeate	Rs. 25 Lakhs	submit/extend	Towards O & M of PCS and compliance of consent conditions.	31.08.2025	28.02.2026

If the above Bank Guarantee is not submitted within stipulated period, then 12% interest will be levied as a penalty as per circular dtd 29/02/2024 No. BO/MPCB/AS(T)/Circular/B-240229FTS0122

BG Forfeiture History

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

BG Return details

Srno	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned			
	NA						



SCHEDULE-IV

General Conditions:

- 1. The Energy source for lighting purpose shall preferably be LED based
- The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
- 3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 4. The applicant shall maintain good housekeeping.
- 5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 7. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
- 8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
- 9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.

- 11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
- 12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
- 14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
- 15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
- 16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
- 20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- 21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
- 22. The industry should not cause any nuisance in surrounding area.
- 23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.

- 25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- 26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
- 27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
- 30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
- 31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
- 32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
- 33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

- 34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
- 36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
- 37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016, Bio Medical Waste Management Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.



F. No.J-11011/41/2015-IA-II(I) Government of India

Ministry of Environment, Forest and Climate Change IA Division

Indira Paryavaran Bhawan Jor bagh Road, New Delhi - 3 Dated: 7th June, 2019

To,

M/s Shri Gurudatt Sugars Ltd. Gat No. 61/A, Akiwat Takaliwadi Road, Taluka Shirol. District Kolhapur (Maharashtra)

Sub: Expansion of sugar & co-generation power plant and setting up molasses based distillery by M/s Shri Gurudatt Sugars Ltd at Gat No.61/A, Taluka Shirol, District Kolhapur (Maharashtra) - Environmental Clearance - reg.

Sir.

This has reference to your online proposal No.IA/MH/IND2/59911/2014 dated 27th January, 2019 for environmental clearance to the above project.

- 2. The Ministry of Environment, Forest and Climate Change has examined the proposal for environmental clearance to the project for expansion of sugar plant from 6000 to 13000 TCD, co-generation power plant from 21 to 90 MW, and setting up molasses based distillery of 150 KLPD in existing area of 55 acres by M/s Shri Gurudatt Sugars Ltd at Gat No.61/A. Akiwat Takaliwadi Road, Taluka Shirol, District Kolhapur (Maharashtra).
- 3. The details of existing/proposed products are as under:-

S. No.	Products	Existing	Proposed	Total
1.	Sugar Unit	6000 TCD	7000 TCD	13000 TCD
2.	Co-Generation Unit	21 MW	69 MW	90 MW
3.	Distillery Unit	Nil	150 KLPD	150 KLPD
4.	Refined Sugar	Nil	1755 TPD	1755 TPD

- Existing land area is 222577 m2 (55 acres). No additional land shall be required for the proposed expansion. Green belt will be developed in 33% i.e. 73449 sqm out of the total project area. The estimated project cost is Rs.350 Crore. Total capital cost earmarked towards environmental pollution control measures is Rs.19.6 Crore and the recurring cost (O&M) will be about Rs.167.5 Lack per annum. Total Employment will be 300 persons as direct & 500 persons indirect.
- There are no National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/Elephant 5. Reserves and Wildlife Corridors etc. within 10 km distance from the project site. Krishna River flows at distance of 4 km in the West.
- Total fresh water requirement of 760 m3/day is proposed to be met from Krishna River. Approval in this regard has been obtained from the Chief Engineer, Irrigation Department, Kolhapur (Maharashtra).

Effluent of 1300 m3/day from sugar and co-gen unit will be treated through ETP consisting of primary, secondary and tertiary treatment units, followed by Condensate Polishing Unit. The effluent of 1350 m3/day from distillery unit will be sent to MEE, and the concentrated spent wash would be fed to incineration boiler. There will be no discharge of treated/untreated waste water from the unit, and thus ensuring Zero Liquid Discharge.

Two multi fuel boilers of 120 TPH capacity each and one Multi fuel boiler of 60 TPH will be installed. Electrostatic Precipitator with a stack of height of 70 m each for 120 TPH capacity boiler and 90 m for 60 TPH boiler will be installed to control the particulate emissions within the statutory limits of 150 mg/Nm³.

- 7. The project/activity is covered under category A of item 5 (g) 'Distilleries', 1(d) 'Thermal Power Plants' and category B of item 5(j) 'Sugar Industry' of the Schedule to the EIA Notification, 2006 and requires consideration at central level in the Ministry.
- **8.** Standard Terms of Reference for the project was granted on 17th August, 2017. Public hearing was conducted by the State Pollution Control Board on 5th December 2018.
- 9. The proposal for environmental clearance was considered by the EAC (Industry-2) in its meetings held on 8-9 April, 2019. The project proponent and their consultant presented the EIA/EMP report. The Committee found the EIA/EMP report to be satisfactory, complying with the ToR, and recommended the project for grant of environmental clearance.
- 10. Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project for expansion of sugar plant from 6000 to 13000 TCD, co-generation power plant from 21 to 90 MW, and setting up molasses based distillery of 150 KLPD by M/s Shri Gurudatt Sugars Ltd at Gat No.61/A, Akiwat Takaliwadi Road, Taluka Shirol, District Kolhapur (Maharashtra), under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-
- (a) Prior approval shall be obtained from PESO for site and layout plan of storage facilities (Petroleum storage Class A installation).
- (b) Necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, shall be obtained from the State Pollution Control Board as required.
- (c) As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises.
- (d) Necessary authorization required under the Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016, Solid Waste Management Rules, 2016 shall be obtained and the provisions contained in the Rules shall be strictly adhered to.
- (e) To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- (f) Coal less than 0.5% sulphur content shall be used as fuel in boiler.



- (g) Total fresh water requirement shall not exceed 760 cum/day proposed to be met from Krishna River. Prior permission shall be obtained from the concerned regulatory authority/CGWA in this regard.
- (h) Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- (i) Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- (j) The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.
- (k) The company shall undertake waste minimization measures as below:-
 - (i) Metering and control of quantities of active ingredients to minimize waste.
 - (ii) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - (iii) Use of automated filling to minimize spillage.
 - (iv) Use of Close Feed system into batch reactors.
 - (v) Venting equipment through vapour recovery system.
 - (vi) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (I) The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.
- (m) All the commitments made regarding issues raised during the public hearing/consultation meeting shall be satisfactorily implemented.
- (n) At least 0.75% of the total project cost shall be allocated for Corporate Environment Responsibility (CER) and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office.
- (o) For the DG sets, emission limits and the stack height shall be in conformity with the extant regulations and the CPCB guidelines. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- (p) The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- (q) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (r) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- (s) Storage of raw materials shall be done either in silos or covered areas to prevent dust pollution and other fugitive emissions.

- (t) 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.
- (u) CO₂ generated from the process shall be bottled/made solid ice and sold to authorized vendors.
- (v) There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.
- **10.1** The grant of Environmental Clearance is further subject to compliance of other generic conditions as under:-
- (i) The project authorities must strictly adhere to the stipulations made by the state Pollution Control Board (SPCB), State Government and/ or any other statutory authority.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. 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.
- (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 stations each is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- (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 complied with.
- (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).
- (vi) The Company shall harvest rainwater from the roof tops of the buildings to recharge ground water, and to utilize the same for different industrial operations within the plant.
- (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.
- (viii) The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing shall be implemented.

- (ix) The company shall undertake all measures for improving socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villagers, administration and other stake holders. Also eco-developmental measures shall be undertaken for overall improvement of the environment.
- (x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xi) 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.
- (xii) 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.
- (xiii) 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.
- (xiv) 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.
- (xv) 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.
- 11. 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, if implementation of any of the above conditions is not found satisfactory.
- **12.** The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Water 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.

(S. K. Srivastava)
Scientist E

Copy to: -

- 1. The Principal Secretary, Environment Department, Government of Maharashtra, 15th Floor, New Administrative Building, Mantralaya, **Mumbai** (Maharashtra) 32
- 2. The Additional Principal Chief Conservator of Forests, Regional Office (WCZ), Ministry of Environment, Forest and Climate Change, **Nagpur** (Maharashtra)
- 3. The Member Secretary, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, **Delhi** 32
- 4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, **Mumbai** 22
- 5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, **New Delhi** 3

6. Guard File/Monitoring File/Record File

(S. K. Srivastava) Scientist E

ENVIRONMENTAL CLEARANCE

Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environment Single-Window Hub)





Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division)

To.

The Executive Director RAHUL MADHAVRAO GHATAGE

M/s Shree Gurudatt Sugars Ltd. Gat No. 61, Akiwat-Takaliwadi Road, Tal.Shirol, Dist.Kolhapur Maharashtra, Kolhapur, Maharashtra-416108

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/MH/IND2/400306/2022 dated 03 Oct 2022. The particulars of the environmental clearance granted to the project are as below.

1. EC Identification No.

2. File No.

3. **Project Type**

4. Category

8.

9.

5. Project/Activity including Schedule No.

6. Name of Project EC22A022MH187153

IA-J-11011/368/2022-IA-II(I)

Expansion

5(g) Distilleries

Molasses based Distillery / 400 KLPD Molasses Based Distillery / 400 KLPD Grain based Distillery producing Ethanol for EBP at Gut No. : - 61/A village Akiwat, Takaliwadi Road, Takaliwadi in Shirol tabsil of Dist.:- Kolhapur, State-Expansion of Existing 150 KLPD Sugars Ltd

RAHUL MADHAVRAO GHATAGE

Name of Company/Organization

Location of Project Maharashtra

TOR Date N/A

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 27/12/2022

(e-signed) A N Singh Scientist E IA - (Industrial Projects - 2 sector)

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

This is a computer generated cover page.

This has reference to your online proposal no. IA/MH/IND2/400306/2022, dated 03rd October, 2022 for environmental clearance to the above-mentioned project.

- 2. The Ministry of Environment, Forest and Climate Change has examined the proposal seeking environmental clearance for expansion of distillery from 150 KLPD Molasses to 400 KLPD Molasses Based Distillery / 400 KLPD Grain based Distillery producing Ethanol for EBP located at Gut No. 61/A, Village Akiwat, Tehsil Shirol, District Kolhapur, State Maharashtra by M/s Shree Gurudatt Sugars Ltd.
- **3.** As per EIA Notification 2006 (Schedule 5 (g) Category A); however, as per in the MoEF&CC Notification S.O. 345(E), dated the 17th January, 2019, notification number S.O. 750(E), dated the 17th February, 2020, S.O. 980 (E)dated 02nd March, 2021 & S. No. 2339(E) 16th June, 2021, a special provision in the EIA Notification, 2006 "Expansion of sugar manufacturing units or distilleries for production of ethanol, having Prior Environment Clearance (EC) for existing unit, to be used completely for Ethanol Blended Petrol (EBP) Programme only, as per self-certification in form of an affidavit by the Project Proponent, shall be appraised as category 'B2' projects.

4. The details of products and capacity as under:

S. No.	Name of unit	Name of Product/ By-Product	Existing Production Quantity	Additional production capacity	Total production capacity
1A	Distillery (C Molasses Based) or	Ethanol	150 KLPD	250 KLPD	400 KLPD
1B	Distillery (Grain Based)	Ethanol	0	400 KLPD	400 KLPD
2	DWGS Dryer	DDGS	0	0	256 TPD
3	Fermentation Section	Carbon di- oxide	0	0	200 TPD

Note: At any given time, maximum capacity shall not exceed 400 KLPD.

- **5.** Standard ToR and public Hearing conduction is not applicable as the project falls under category B2 as per OM dated 16th June, 2021. It was informed that no litigation is pending against the proposal.
- **6.** Total land area required is 5.40 hectares, which is under possession of the company. Out of the total plant area, 1.782 Hectares i.e. 33% will be developed under greenbelt & plantation in and around plant premises. The estimated project cost is Rs. 250 Crores. Capital cost of EMP would be

- Rs. 15.52 Crores and recurring cost for EMP would be Rs. 3.10 Crores per annum. Industry proposes to allocate Rs. 2.5 Crores towards extended EMP (Corporate Environment Responsibility). Total Employment after expansion will be 160 persons as direct & indirect.
- **7.** There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, and Wildlife Corridors etc. within 10 km distance. Krishna River is at a distance of 3.6 Km in West direction. Interstate boundary of Maharashtra & Karnataka is at 4 km in West Direction.
- **8.** AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 1.1 $\mu g/m^3$, 0.73 $\mu g/m^3$ and 0.9 $\mu g/m^3$ with respect to PM_{10} , $PM_{2.5}$ & SO_2 . The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).
- **9.** Total fresh water requirement after expansion will be 314 CMD which will be met from Krishna River. The total effluent generated after expansion (max. 2246 m³/day) will be treated in CPU of capacity 1800 m³/day. After proposed expansion, total raw spent wash generation will be 3200 CMD. In Existing molasses based operation, spent wash generated is concentrated in Multi Effect Evaporator and concentrated spent wash is burnt in incineration boiler. In proposed molasses based operation Bio digester + Dryer will be used. In grain based operation, raw stillage will be sent to decanter followed by MEE followed by dryer to produce DDGS. Domestic waste water will be treated in STP of capacity 50 KLPD. The plant is being/will be based on Zero Liquid discharge system and no effluent will be discharged outside the factory premises.
- **10.** Total Power requirement of distillery after expansion will be 8.2 MW which will be met from existing 26.5 MW co-generation power plant. Existing Distillery unit has 22 TPH (Conc. SW + Bagasse/Coal) Incineration boiler. In proposed expansion, 71 TPH bagasse fired boiler will be installed. ESP with a stack height of 82m is already installed with existing boiler of 22 TPH for controlling the particulate emissions within the statutory limit of 30 mg/Nm3. ESP with stack height of 61m will be installed for proposed 71 TPH Boiler. Industry has 2 No's of 625 kVA DG set which will be used as standby during power failure and adequate stack height is provided as per CPCB norms.

11. Details of Process emissions generation and its management:

- ESP with stack height of 61m will be installed for proposed 71 TPH boiler for controlling the particulate emissions.
- Online Continuous Emission Monitoring System will be installed with the stack and data will be transmitted to CPCB/SPCB servers.
- After expansion, CO2 generated (200 TPD) during the fermentation process will be collected in bottling plant.

12. Details of solid waste/Hazardous waste generation and its management:

- DDGS (Distilled Dried Grains Stillage) (256 TPD) will be sold as cattle feed / fish feed/ prawn feed.
- In existing operation, boiler ash (50 TPD- Coal Ash) is supplied to brick manufacturers & potash rich ash which (4.5 TPD) is sold to Organic fertilizer manufacturer. For the proposed bagasse fired boiler, ash (10 TPD) will be utilized in proposed in-house brick manufacturing unit.
- **13.** As per Notification S.O 2339(E), dated 16th June, 2021, PP has submitted self-certification in the form of notarized affidavit declaring that the proposed expanded capacity of 250 KLPD molasses based distillery and proposed 400 KLPD grain based distillery will be used for manufacturing fuel ethanol only.
- **14.** During deliberations, EAC discussed following issues:
 - EAC noted that there are 3 non/partial compliances in Certified Compliance Report related to greenbelt development, CER cost investment & storage of biomass. PP shall submit time bound action plan for greenbelt development in 55 acres as it is an integrated complex constituting sugar and distillery unit. CCR reports that only 3.5 acres land has been developed under greenbelt. Committee desired to submit time bound action plan to develop 33.33% greenbelt in 6 months. PP has submitted that they have total land of 55 acres plant area +31 acres of additional area, PP undertake that they will develop greenbelt in the 28.38 acres i.e. 33% of total area as per quidelines. Plantation will have approximate 29000 trees & Rs. 70 Lakhs will be allocated for the same and plantation will be completed in 6-8 months. However, the committee noted that IRO mentioned that as per existing EC area of unit is 55 acres and so far they have developed greenbelt in 3.4 acres of land only. The committee suggested that 33% greenbelt shall be developed within the 55 acres of land otherwise they have to amend the existing EC dated 07-06-2019.
 - PP has submitted that total plot area of the existing and proposed project has been increased from 55 acre to 86 acre after addition of 31 acre. Out of which PP shall develop greenbelt in 28.46 acre to achieve 33% of greenbelt. As proposed vide letter no SGSL/ENVI/653/2022-23 dated 30.11.2022, PP shall comply with the month-wise action plan (November, 2022 to March 2023) submitted for the greenbelt development.
 - Committee noted that PP has submitted proposal for use of 400 KLPD effluent for the gardening purpose. The committee suggested that the proposed proposal considered under EBP programme should be based on ZLD otherwise it cannot be considered under B2

- category. PP should revise their water balance and commitment to achieve ZLD.
- PP committed to install air cooled condensers.
- PP also informed that from the existing molasses based expansion, spent wash will be treated through bio-digester followed by MEE & incineration. However, for expansion PP suggested for bio-digester+ MEE+ dryer. PP has submitted that they will make the entire distillery operation based on grain with Zero Discharge operation. However, the committee noted that the proposal is also for additional capacity of molasses for which they have not committed for ZLD.
- CER budget shall be utilized in 1 year only.
- OHS budget shall be Rs. 1 Crores.
- PP shall commit to install own brick manufacturing unit.
- Revised EMP cost shall be submitted which is on lower side.

Committee was satisfied with the response of project proponent.

- **15.** The proposal was considered by EAC (Ind-2) in its meeting ID: IA/IND2/13349/11/10/2022 held on 11th October, 2022 and in meeting ID: IA/IND2/13394/28/11/2022 held during 28th 29th November, 2022 in the Ministry, wherein the project proponent and their accredited Consultant namely M/s. Sd engineering services pvt. Ltd (NABET certificate no. NABET/EIA/2023/SA 0166 and validity Aug. 12, 2023), presented the case. The Committee **recommended** the project for grant of environmental clearance.
- **16.** The EAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, have examined the proposal submitted by the Project Proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent. The EAC noted that the Project Proponent has given undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the report. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.
- **17.** The Committee noted that the EMP report is in compliance of the PFR. The Committee deliberated on the CER plan and found to be addressing the issues in the study area. The EAC has deliberated the proposal and has made due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC have found the proposal in order and have

recommended for grant of environmental clearance.

- **18.** The environmental clearance granted to the project/activity is strictly under the provisions of the EIA Notification 2006 and its amendments. It does not tantamount/construe to approvals/consent/ permissions etc. required to be obtained or standards/conditions to be followed under any other Acts/ Rules/ Subordinate legislations, etc., as may be applicable to the project. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.
- **19.** Based on the proposal submitted by the project proponent and recommendations of the EAC (Industry-2), Ministry of Environment, Forest and Climate Change hereby accords environmental clearance to the project proposed expansion of Existing 150 KLPD Molasses based Distillery to 400 KLPD Molasses Based Distillery / 400 KLPD Grain based Distillery producing Ethanol for EBP located at Gut No. 61/A, Village Akiwat, Tehsil Shirol, District Kolhapur, State Maharashtra by M/s Shree Gurudatt Sugars Ltd, under the provisions of the EIA Notification, 2006, and the amendments therein, subject to compliance of the terms and conditions as under:-

A. Specific Condition:

- (i). Now total plot area of the existing and proposed project has been increased from 55 acre to 86 acre after addition of 31 acre land. Out of which PP shall develop greenbelt in 28.46 acre to achieve 33% of greenbelt. As proposed vide letter no SGSL/ENVI/653/2022-23 dated 30.11.2022, PP shall comply with the month-wise action plan (November, 2022 to March 2023) submitted for the greenbelt development.
- (ii). As per the Notification S.O. 2339(E), dated 16th June, 2021, project falls in category B2 and the expanded capacity of 250 KLPD molasses based distillery and proposed 400 KLPD grain based distillery shall only be used for fuel ethanol manufacturing as per self-certification in form of a notarized affidavit by the Project Proponent. Provided that subsequently if it is found that the ethanol, produced based on the EC granted as per this dispensation, is not being used completely for EBP Programme, or if ethanol is not being produced, or if the said distillery is not fulfilling the requirements based on which the project has been appraised as category B2 project, the EC shall stand cancelled.
- (iii). The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.

- (iv). NOC from the Concerned Local authority for surface water supply shall be obtained before start of the construction of plant, State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.
- (v). Total Fresh water requirement shall not exceed 4 KL/KL of ethanol production which will be met from Krishna River. No ground water recharge shall be permitted within the premises. Industry shall construct a rain water storage pond of 60 days capacity and the accumulated water to be used as fresh water thereby reducing fresh water consumption.
- (vi). Spent wash shall be dried to form DDGS to be used as cattle feed in grain based operation and in molasses based operation, concentrated spent wash will be dried to form powder. The condensate, spentlees and utilities effluent shall be treated in the ETP comprising tertiary treatment (Condensate Polishing Unit). Treated effluent will be recycled/reused for make up water of cooling towers/process etc. and no waste or treated water shall be discharged outside the premises. STP shall be installed to treat the sewage generated from factory premises.
- (vii). As committed, industry shall install air cooled condensers.
- (viii). ESP (5 field & 99.9% efficiency) & stack height of 61 m will be provided with 71 TPG bagasse fired boiler for controlling the particulate emissions within the statutory limit of 50 mg/Nm³. At no time, the emission levels shall exceed the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Performance assessment of pollution control devices/ systems will be conducted annually.
 - (ix). In existing operation, boiler ash (50 TPD- Coal Ash) is supplied to brick manufacturers & potash rich ash which (4.5 TPD) is sold to Organic fertilizer manufacturer. For the proposed bagasse fired boiler, ash (10 TPD) will be utilized in proposed in-house brick manufacturing plant. PP shall use biomass like rice husk/bagasse as fuel for the proposed boiler. PP shall meet 10% of the total power requirement from solar power by generating power inside plant premises/adjacent/nearby areas.
 - (x). CO2 generated (200 TPD) during the fermentation process will be collected in bottling plant.

- (xi). PP shall allocate at least Rs. 1 Crores/annum for Occupational Health Safety. Occupational Health Centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.
- (xii). Training shall be imparted to all employees on safety and health aspects of chemicals handling. Safety and visual reality training shall be provided to employees.
- (xiii). The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms. PESO certificate shall be obtained.
- (xiv). Process organic residue and spent carbon, if any, shall be sent to Cement and other suitable industries for its incinerations. ETP sludge, process inorganic & evaporation salt shall be disposed of to the TSDF. Filter press shall be installed for drying of sludge.
- (xv). The company shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapour recovery system. (f) Use of high pressure hoses for equipment clearing to reduce wastewater generation.
- (xvi). The green belt of at least 5-10 m width shall be developed in nearly 28.46 acres i.e. 33% of the total project area by end of March, 2023 with tree density @ 2500 trees per hectares, mainly along the plant periphery. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department and native species shall be developed. Records of tree canopy shall be monitored through remote sensing map. Greenbelt development shall be completed before commissioning of the plant.
- (xvii). PP proposed to allocate Rs. 2.5 Crores towards Extended EMP (CER) which shall be spent as submitted in CER plan for monitorable activities like up-gradation of schools with provision of facilities e.g. Class rooms, playground, Laboratory, Library, Computer class, toilets, potable drinking water facilities, solar light/solar power support for uninterrupted power supply, soil nutrient management etc. Further, all the proposed activities under CER shall be completed before the commissioning of the plant in consultation with District Administration.
- (xviii). There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products and

no parking to be allowed outside on public places. Out of the total project area, 15% shall be allotted solely for parking purposes with facilities like rest rooms etc.

- (xix). Storage of raw materials shall be either in silos or in covered areas to prevent dust pollution and other fugitive emissions. All stockpiles should be constructed over impervious soil and garland drains with catch pits to trap runoff material shall be provided. Biomass shall be stored in covered sheds and wind breaking walls/curtains shall be provided around biomass storage area to prevent its suspension during high wind speed. All Internal roads shall be paved. Industrial vacuum cleaner shall be provided to sweep the internal roads. The Air Pollution Control System shall be interlocked with process plant/machinery for shutdown in case of operational failure of Air Pollution Control Equipment.
- (xx). Continuous online (24x7) monitoring system for stack emissions/effluent shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. For online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises.
- (xxi). A separate Environmental Management Cell (having qualified person with Environmental Science/Environmental Engineering/specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization/ Director/CEO as per company hierarchy.
- (xxii). PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.

B. General Condition:

(i) No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy

- of conditions imposed and to add additional environmental protection measures required, if any.
- (ii) The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.
- (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. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- (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.
- (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.
- (vi) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal.
- (vii) 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.
- (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.

- (ix) The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.
- (x) The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- (xi) This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.
- **20.** The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.
- **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.
- **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.
- **23.** The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 read with subsequent amendments therein.
- **24.** This issues with the approval of the competent authority.

(A. N. Singh) Scientist-'E'

Copy to: -

- 1. The Secretary, Department of Environment, Government of Maharashtra, Mumbai 400 032
- 2. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur- 440001 Maharashtra
- 3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi -32
- 4. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Mumbai 22
- 5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
- 6. The District Collector, Kolhapur District, Maharashtra
- 7. Guard File/Monitoring File/Parivesh portal/Record File.

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