



Regd. No. 25-14367, CIN-UI5424PN2000PLC014367

An ISO 9001 : 2008 Certified Company

SHRI GURUDATT SUGARS LTD., Takaliwadi

ADD.: Gat No. : 61 / A, Akiwat Takaliwadi Road, Takaliwadi Tal.- Shirol Dist - Kolhapur (MH) Pin Code : 416 108
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SGSL/ENVI/ 88 /2024 -2025

Date – May 6, 2024

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 2023 to March 2024) 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 2023 to March 2024) 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.,


CHIEF 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

EC No -	IA-J-11011/368/2022-IA-II(I) Date – 27.12.2022	APRIL 2024
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	<p>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.</p>	<p>PA agreed to comply with.</p>
5	<p>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.</p>	<p>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]</p>
6	<p>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.</p>	<p>PA agreed to comply with.</p>
7	<p>As committed, industry shall install air cooled condensers.</p>	<p>PA agreed to comply with.</p>

8	<p>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.</p>	<p>PA agreed to comply with.</p>
9	<p>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.</p>	<p>PA agreed to comply with.</p>
10	<p>CO₂ generated (200 TPD) during the fermentation process will be collected in bottling plant.</p>	<p>PA agreed to comply with.</p>
11	<p>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.</p>	<p>PA agreed to comply with.</p>
12	<p>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.</p>	<p>Complied. Personnel protective equipment has been provided to workers. The report are enclosed as Annexure.</p>
13	<p>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.</p>	<p>PA agreed to comply with.</p>

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.

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 six-monthly compliance report being submitted to concerned authority.	PA agreed to comply with.
General 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 2023-24 submitted to MPCB vide letter dated 12.04.2024, 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 30.12.2022. 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. No.	Distillery	Based on	Spent wash Generated	Condensate Generated	Spent Leese Generated	Total Treated Available for Reuse	Water Req. for Fermenter/ Reused	Water Req. for C.T. make Up/Re used	Fresh Water Req.	Remark
	KLPD		Cum/d	Cum/d	Cum/d	Cum/d	Cum/d	Cum/d	Cum/d	
1.	150	C Molasses	1200	960 (12/60)	150	1110	971/450	660/660	521	
2.	250	C Molasses	2000	1733 (6/45)	250	1983	1618/1183	800/800	435	Use of Air Cooled Tower
3.	400	Multigrain	1440	1242	400	1642				

Table 2.8 A - C Molasses Based: - 250 KLPD

Sr. No.	Existing 150 KLPD		Consumption for	Proposed 250 KLPD	
	Consumption Cum/d	Condensate Used Cum/d		Consumption Cum/d	Condensate Used 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. Mg/l	COD Load 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. No	Daily Discharge from Different Sources	Existing	Expansion
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 / Filtration Plant etc.	NIL	NIL
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		
A	In %		
B	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	CPU	

Shri Gurudatt Sugars Ltd., Takaliwadi

Distillery - Online Monitoring System

A. WEB Camera





B. Incineration Boiler Online monitoring Photographs



D. Incineration Boiler Stack Probe





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"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/23-24/15943
Dated	: 24/01/2024
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	18/01/2024		
02	TEST LOCATION		Near Factory Main Gate		
03	TIME OF SAMPLING	Hrs	09:00-17:00		
04	TEMPERATURE (Max./Min)	Deg C	28/24		
05	RELATIVE HUMIDITY	% RH	63		
06	SAMPLING DURATION	Hrs	8		
07	PM10	µg/m ³	74.00	≤100	IS 5182(part 23),2006
08	PM _{2.5}	µg/m ³	34.00	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO ₂	µg/m ³	7.20	≤80	IS 5182(part 2),2001, RA 2006
10	NO ₂	µg/m ³	26.80	≤80	IS 5182(part 6),2006

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	AFDS-GSES/ADS-01	RDS/FM-01	TECH/CAL/2023/04.C/14	20/04/2023	19/04/2024
2	HVS-GSES/HVS-01	RDS/UM-01	TECH/CAL/2023/04.C/1/2	20/04/2023	19/04/2024

NAAQS – National Ambient Air Quality Standards (2009)

M. N. Agrekar
For HORIZON SERVICES



DISCLAIMER:

- Sample will be retained only for 15 days.
- Above results indicate to the parameters mentioned only.
- Liability limited till issue of test reports only.
- The test report shall not be produced for any legal identity or advertised without permission of lab.
- The effect of results relate only to the item tested.



Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)
Lab NABL Accredited - Testing - Chemical Field (TC - 7064)

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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/23-24/15944
Dated	: 24/01/2024
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	18/01/2024		
02	TEST LOCATION		Near Weigh Bridge		
03	TIME OF SAMPLING	Hrs	09:15-17:15		
04	TEMPERATURE (Max./Min)	Deg C	28/24		
05	RELATIVE HUMIDITY	% RH	63		
06	SAMPLING DURATION	Hrs	8		
07	PM ₁₀	µg/m ³	86.00	≤100	IS 5182(part 23),2006
08	PM _{2.5}	µg/m ³	57.00	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO ₂	µg/m ³	8.10	≤80	IS 5182(part 2),2001, RA 2006
10	NO ₂	µg/m ³	30.40	≤80	IS 5182(part 6),2006

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	AFDS-GSES/ADS-02	RDS/FM-02	TECH/CAL/2023/04.C/15	20/04/2023	19/04/2024
2	HVS-GSES/HVS-02	RDS/UM-02	TECH/CAL/2023/04.C/3/4	20/04/2023	19/04/2024

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

Manoj Kumar
For HORIZON SERVICES



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AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/23-24/15945
Dated	: 24/01/2024
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	18/01/2024		
02	TEST LOCATION		Near ETP		
03	TIME OF SAMPLING	Hrs	09:30-17:30		
04	TEMPERATURE (Max./Min)	Deg C	28/24		
05	RELATIVE HUMIDITY	% RH	63		
06	SAMPLING DURATION	Hrs	8		
07	PM ₁₀	µg/m ³	64.00	≤100	IS 5182(part 23),2006
08	PM _{2.5}	µg/m ³	31.00	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO ₂	µg/m ³	6.60	≤80	IS 5182(part 2),2001, RA 2006
10	NO ₂	µg/m ³	26.20	≤80	IS 5182(part 6),2006

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	AFDS-GSES/ADS-03	RDS/FM-03	TECH/CAL/2023/04.C/16	20/04/2023	19/04/2024
2	HVS-GSES/HVS-03	RDS/UM-03	TECH/CAL/2023/04.C/5/6	20/04/2023	19/04/2024

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

M. N. A. G. S. S.
For HORIZON SERVICES



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STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/23-24/15946
Dated	: 24/01/2024
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	18/01/2024		
02	TEST LOCATION		Boiler 1 & 2 (Capacity-70 MT/Hr & 40 MT/Hr)		
03	TIME OF SAMPLING (00.00)	Hrs	10:00		
04	MATERIAL OF STACK		--		
05	STACK HEIGHT (AGL)	Mtr	65		
06	TYPE OF FUEL USED	--	Baggase		
07	FUEL CONSUMPTION	MT/Hr	55		
08	TYPE OF STACK		Round		
09	FLUE GAS TEMPERATURE	Deg C	151		
10	VELOCITY	M/Sec	7.70		
11	DIAMETER OF STACK	M	3.43		
12	GAS VOLUME	Nm ³ /Hr	180512.33		
13	PM	mg/Nm ³	75.01	As per Consent	IS 11255 (Part 1)
14	SO ₂	Kg/Day	98.00	As per Consent	IS 11255 (Part 2)

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	GSES/SMK-01	SMK/IT-01	TECH/CAL/2023/04.C/7/8/9/10	20/04/2023	19/04/2024

M. N. Algaonkar
For HORIZON SERVICES



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Lab Approved by MoEF, New Delhi. (Valid till 05/02/2024)
Lab NABL Accredited - Testing - Chemical Field (TC - 7064)

"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

STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/23-24/15947
Dated	: 24/01/2024
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	18/01/2024		
02	TEST LOCATION		Incinerator Boiler		
03	TIME OF SAMPLING (00.00)	Hrs	10:30		
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	191		
09	VELOCITY	M/Sec	8.78		
10	DIAMETER OF STACK	M	4.43		
11	GAS VOLUME	Nm ³ /Hr	312331.38		
12	PM	mg/Nm ³	66.90	150	IS 11255 (Part 1)
13	SO ₂	Kg/Day	112.10	500	IS 11255 (Part 2)

Calibrations details: -

Sr. No.	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due Date
1	GSES/SMK-01	SMK/IT-01	TECH/CAL/2023/04.C/7/8/9/10	20/04/2023	19/04/2024

kmn aeg dckr
For HORIZON SERVICES



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Lab NABL Accredited - Testing - Chemical Field (TC - 7064)

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AMBIENT NOISE LEVEL MONITORING REPORT

Report No.	: HS/REP/23-24/15948
Dated	: 24/01/2024
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	: 18/01/2024

RESULTS

SR. NO.	TEST LOCATION	UNIT	DAY TIME		NIGHT TIME	
			Time	Readings	Time	Readings
01	Near Main Gate	dB (A)	11:00 hrs.	71.0	22:10 hrs.	66.2
02	Near Boiler	dB (A)	11:05 hrs.	69.4	22:15 hrs.	66.7
03	Near ETP Area	dB (A)	11:10 hrs.	67.9	22:20 hrs.	63.4
04	Near Sugar Godown	dB (A)	11:15 hrs.	72.0	22:25 hrs.	68.7
05	Near Laboratory	dB (A)	11:20 hrs.	73.3	22:30 hrs.	67.5
06	Near Mill House	dB (A)	11: 25 hrs.	72.9	23:35 hrs.	68.5
07	Near Pan Section	dB (A)	11:30 hrs.	73.0	23:40 hrs.	68.7
08	Near Sugar Plant	dB (A)	11:35 hrs.	72.7	23:45 hrs.	68.0
09	Near Weigh Bridge	dB (A)	11:40 hrs.	70.7	23:50 hrs.	66.4
10	Near Centrifugal	dB (A)	11:45 hrs.	72.0	23:55 hrs.	68.8

Calibrations details: -

Sr. No	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due date
1	GSES/DB-01 Make- Mextech, MODEL NO.-4201	GE/DB-01	TECH/CAL/2023/04.C/11	20/04/2023	19/04/2024

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 2010.

M. V. Argalika
For HORIZON SERVICES



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Lab NABL Accredited - Testing - Chemical Field (TC - 7064)

"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

WORKZONE NOISE LEVEL MONITORING REPORT

Report No.	: HS/REP/23-24/15949
Dated	: 24/01/2024
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	: 18/01/2024

RESULTS

SR. NO.	TEST LOCATION	UNIT	DAY TIME	
			Time	Readings
01	Boiler House	dB (A)	13:00 hrs.	85.1
02	Laboratory	dB (A)	13:10 hrs.	74.2
03	Mill House	dB (A)	13:15 hrs.	88.5
04	Pan Section	dB (A)	13:20 hrs.	87.4
05	Sugar Godown	dB (A)	13:25 hrs.	79.9
06	WTP	dB (A)	13:30 hrs	77.3
07	ETP	dB (A)	13:35 hrs	78.6
08	Weigh Bridge	dB (A)	13:40 hrs	88.9
09	Centrifugal	dB (A)	13:45 hrs	83.6

Calibrations details: -

Sr. No	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due date
1	GSES/DB-01 Make- Mextech, MODEL NO.-4201	GE/DB-01	TECH/CAL/2023/04.C/11	20/04/2023	19/04/2024

Limits:

In plant 90 dB (A)

REMARKS/OBSERVATIONS:

Limits are given as per Maharashtra Factories Rules 1963 Schedule XXIV for 8 Hrs.

M. N. G. G. G.
For HORIZON SERVICES



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

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ILLUMINATION MONITORING REPORT

Report No.	: HS/REP/23-24/15950
Dated	: 24/01/2024
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	: 18/01/2024

RESULTS

SR. NO.	DESCRIPTION OF PARAMETERS	UNIT	RESULT	MINIMUM LUX LEVEL REQUIRED
	TEST LOCATIONS			
01	Boiler House	Lux	940	300
02	Laboratory	Lux	789	450
03	Mill House	Lux	948	200
04	Pan Section	Lux	898	500
05	Sugar Godown	Lux	787	500
06	Office	Lux	980	300
07	Near Main Gate	Lux	790	200
08	Store	Lux	462	100
09	WTP	Lux	810	500
10	Laboratory (WTP)	Lux	764	450

Calibrations details: -

Sr. No	Instrument Name	Serial / Identification No.	Certificate No.	Last Calibrated on	Due date
1	LUX METER, GSES-LX-01 MAKE-Mextexh	LX-01	TECH/CAL/2023/04. C/12	20/04/2023	19/04/2024

M. N. G. G. G.

For HORIZON SERVICES



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Lab NABL Accredited - Testing - Chemical Field (TC - 7064)

"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/15978A-1
M/s Shri Gurudatt Sugars Ltd., (Takaliwadi) Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist -Kolhapur, Pin- 416108.	REPORT DATE	24/01/2024
	LAB REFERENCE NO.	HS/LAB/WA/1418A
	SAMPLING DATE	18/01/2024
	SAMPLE RECEIPT DATE	19/01/2024

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

RESULTS OF ANALYSIS

SR NO	DESCRIPTION	UNIT	RESULT	TEST METHOD
1	pH	---	4.40	APHA 24 th Ed 2023, 4500-H*B
2	Total Suspended Solids	mg/lit	360.00	APHA 24 th Ed 2023, 2540 D
3	Total Dissolved Solids	mg/lit	2478.00	APHA 24 th Ed 2023, 2540 C
4	Chemical Oxygen Demand	mg/lit	3860.00	APHA 24 th Ed 2023, 5220 C
5	Biochemical Oxygen Demand (27°C for 3 days)	mg/lit	1840.00	IS-3025 (Part 44) R-2023
6	Chlorides as Cl ⁻	mg/lit	490.00	APHA 24 th Ed 2023, 4500 Cl*B
7	Sulphates as SO ₄ --	mg/lit	762.00	APHA 24 th Ed 2023, 4500 SO ₄ E
8	Oil & Grease	mg/lit	24.00	APHA 24 th Ed 2023, 5520 B



For HORIZON SERVICES

Munaliwara
(LAB INCHARGE)

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"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/15978A-2
M/s Shri Gurudatt Sugars Ltd., (Takaliwadi) Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist -Kolhapur, Pin- 416108.	REPORT DATE	24/01/2024
	LAB REFERENCE NO.	HS/LAB/WA/1418A
	SAMPLING DATE	18/01/2024
	SAMPLE RECEIPT DATE	19/01/2024

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	pH	---	7.10	5.5-9.0	APHA 24 th Ed 2023, 4500-H*B
2	Total Suspended Solids	mg/lit	68.00	< 100.00	APHA 24 th Ed 2023, 2540 D
3	Total Dissolved Solids	mg/lit	1604.00	< 2100.00	APHA 24 th Ed 2023, 2540 C
4	Chemical Oxygen Demand	mg/lit	164.00	< 250.00	APHA 24 th Ed 2023, 5220 C
5	Biochemical Oxygen Demand (27°C for 3 days)	mg/lit	54.00	< 100.00	IS-3025 (Part 44) R-2023
6	Chlorides as Cl ⁻	mg/lit	304.00	< 600.00	APHA 24 th Ed 2023, 4500 Cl*B
7	Sulphates as SO ₄ --	mg/lit	570.00	< 1000.00	APHA 24 th Ed 2023, 4500 SO ₄ E
8	Oil & Grease	mg/lit	< 5.00	< 10.00	APHA 24 th Ed 2023, 5520 B



For HORIZON SERVICES

Munag Aera
(LAB INCHARGE)

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Lab NABL Accredited - Testing - Chemical Field (TC - 7064)

"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/15978A-3
M/s.Shri Gurudatt Sugars Ltd., (Takaliwadi) Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist -Kolhapur, Pin- 416108.	REPORT DATE	24/01/2024
	LAB REFERENCE NO	HS/LAB/WA/1418A
	DATE OF SAMPLING	18/01/2024
	DATE OF ANALYSIS	19/01/2024

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Well Water Sample	M/s. Greensafe Enviro Services	---	Shri Gurupad Borgave

RESULTS OF ANALYSIS

SR NO	DESCRIPTION	UNIT	RESULT	LIMITS AS PER IS10500: 2018	TEST METHOD
01	pH	---	7.20	6.5 - 8.5	APHA 24 th Ed 2023, 4500-H*B
02	Electric Conductivity	µs/cm	130.00	Not Specified	APHA 24 th Ed 2023, 2510 B
03	Colour	Hazen	< 5.00	<5.00	APHA 24 th Ed 2023, 2120 C
04	Odour	---	Agreeable	Agreeable	APHA 24 th Ed 2023, 2150 B
05	Turbidity	NTU	<1.00	<1.00	APHA 24 th Ed 2023, 2130 B
06	Total Dissolved Solids	mg/lit	114.00	<500.00	APHA 24 th Ed 2023, 2540 C
07	Chemical Oxygen Demand	mg/lit	4.00	Not Specified	APHA 24 th Ed 2023, 5220 C
08	Biochemical Oxygen Demand (27°C for 3 days)	mg/lit	1.00	Not Specified	IS 3025 (Part 44)- R-2023
09	Chlorides as Cl ⁻	mg/lit	24.00	<250.00	APHA 24 th Ed 2023, 4500 Cl-B
10	Sulphates as SO ₄ ⁻⁻	mg/lit	46.00	<200.00	APHA 24 th Ed 2023, 4500 SO4 E
11	Alkalinity as CaCO ₃	mg/lit	35.00	<200.00	APHA 24 th Ed 2023, 2320 B
12	Calcium as Ca	mg/lit	12.00	<75.00	APHA 24 th Ed 2023, 3500 Ca B
13	Magnesium as Mg	mg/lit	8.00	<30.00	APHA 24 th Ed 2023, 3500 Mg B
14	Total Hardness as CaCO ₃	mg/lit	118.00	<200.00	APHA 24 th Ed 2023, 2340 C
15	Iron as Fe	mg/lit	0.20	<0.30	APHA 24 th Ed 2023, 3500 Fe B
16	Fluoride as F ⁻	mg/lit	<0.10	<1.00	APHA 24 th Ed 2023, 4500-F- D
17	Sodium as Na	mg/lit	2.00	Not Specified	APHA 24 th Ed 2023, 3500 Na B

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



For HORIZON SERVICES

Munagaoka
(LAB INCHARGE)

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ANALYSIS REPORT

F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/15978A-4
M/s Shri Gurudatt Sugars Ltd., (Takaliwadi) Gat No.61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal-Shirol, Dist -Kolhapur, Pin- 416108.	REPORT DATE	24/01/2024
	LAB REFERENCE NO	HS/LAB/WA/1418A
	DATE OF SAMPLING	18/01/2024
	DATE OF ANALYSIS	19/01/2024

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Soil Sample	M/s. Greensafe Enviro Services	---	Shri Raosaheb Badame

RESULTS OF ANALYSIS

SR NO	DESCRIPTION	UNIT	RESULT	TEST METHOD
1	pH (10 % Extract)	---	7.20	IS 2720 (Part 26) 1987
2	Chlorides as Cl ⁻	mg/kg	168.00	SOP No: WI/Lab/Soil/CA/13
3	Sulphates as SO ₄ ⁻⁻	mg/kg	ABSENT	IS 2720 (Part 27)- 1977 (RA 2010)
4	Total Chromium as Cr	mg/kg	16.00	Ministry of Agriculture 2011
5	Total Nitrogen as N	mg/kg	129.00	IS 14684:1999
6	Phosphorus as P	mg/kg	ABSENT	HS/NABL/SOIL/8
7	Nickel as Ni	mg/kg	26.00	Ministry of Agriculture 2011
8	Cadmium as Cd	mg/kg	0.40	Ministry of Agriculture 2011
9	Copper as Cu	mg/kg	34.00	Ministry of Agriculture 2011
10	Zinc as Zn	mg/kg	26.00	HS/NABL/SOIL/11
11	Total Ammonia as N	mg/kg	ABSENT	Ministry of Agriculture 2011



For HORIZON SERVICES

M. Nagendra
(LAB INCHARGE)

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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	Accessia, 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., Takaliwadi

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

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 submitting here with Grant Environment Clearance Copy of Multi Feed Distillery from 150 KLPD to 400 KLPD at Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal - Shirol, Dist - Kolhapur, Maharashtra - 416108 received from Ministry 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

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

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 submitting here with Grant Environment Clearance Copy of Multi Feed Distillery from 150 KLPD to 400 KLPD at gat No. 61/A Akiwat Takaliwadi Road, Takaliwadi, Tal – Shirol, Dist – Kolhapur, Maharashtra – 416108 received from Ministry 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.


04/01/2023
Ministry of Environment,
Forest and Climate Change.



Regd. No. 25-14367, CIN-UI5424PN2000PLC014367

An ISO 9001 : 2008 Certified Company

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 | 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, Udyog 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.

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

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This is for your information.

Yours Faithfully,

For, SHRI GURUDATT SUGARS LTD.,


REGIONAL OFFICE
M.P.C. BOARD
UDYOG BHAVAN
GR. FLOOR NEAR COLLECTOR OFFICE
KOLHAPUR - 416 003

CHIEF EXECUTIVE OFFICER

Enclosed – Grant Environment Clearance Copy.
CC – To,
The Sub Regional Officers, MPCB, Kolhapur

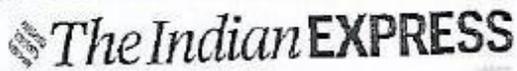
PUBLIC NOTICE

To whomsoever It may
concern

This is to inform to the public that shri gurudatt sugars Ltd , gat no 61/A, Akiwat takaliadi road ,takaliwadi, tal-shirol , Dist-klohapur- 416108, Maharashtra has been granted environmental clearance for their proposed expansion of distillery plant 150 KLPD to 400 KLPD vide letter no. IA-J11011/368/2022-1A-11 (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://moef.nic.in>

-Shri Madhavray B Ghatage
Chairman & Managing Director

The Indian EXPRESS

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 तर्फे 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 सदर्थ IA 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



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

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

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000064699

Submitted Date

12-04-2024

PART A

Company Information

Company Name

Shri Gurudatt Sugars Ltd.,

Application UAN number

MPCB-CONSENT-0000139916

Address

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

Plot no

Gat No 61/A

Taluka

Shirol

Village

Akiwat -Takaliwadi Road

Capital Investment (In lakhs)

28135.00

Scale

L.S.I

City

Kolhapur

Pincode

416108

Person Name

Mr Rahul M Ghatage

Designation

Executive Directors

Telephone Number

7350799494

Fax Number

02312686086

Email

gslsugars.env@gmail.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

no

Consent Number

MPCB-CONSENT-0000139916

Consent Issue Date

2023-08-08

Consent Valid Upto

2024-08-31

Establishment Year

2019

Date of last environment statement submitted

Apr 6 2023 12:00:00:000AM

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

Product Information

Product Name

RECTIFIED SPIRIT (CAPTIVE)/ DENATURED SPIRIT (CAPTIVE)

Consent Quantity

81000

Actual Quantity

6083.596

UOM

KL/A

EXTRA NEUTRAL ALCOHOL

50220

2773.789

KL/A

IMPURE SPIRIT/TECHNICAL ALCOHOL

5670

323.070

KL/A

FUSEL OIL

4050

102.33

KL/A

Ethanol

76950

35312.02

KL/A

ELECTRICITY

5.5

4.3

Mwh

By-product Information

By Product Name

Consent Quantity

Actual Quantity

UOM

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	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 Factory	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	UOM
Molasse	6249.378	38406.36	MT/A
B Heavy Molasses	103804	115154	MT/A
Sugar Cane Juice Syrup	39831	6789	MT/A
Consumable Chemicals (Caustic Soda)	1998	2021	MT/A
Consumable Chemicals (Antifoam)	1398	1492	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
--NA--	141.64	261	CMD
Coal	18000	2175.360	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
--------------------------	---	---	---

	Quantity	Concentration	%variation	Standard	Reason
PH	14.98	0	0	0	0

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Total Particulate Matter	559.84	34.21	0	0	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	38.54	12	Ltr/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	38.54	12	Ltr/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	5612	3398	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	5612	3398	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	9.17	8.42	MT/A

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
NA	0	Kg/Annum	0

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	Kg/Annum	0

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

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 Fermentation make up purpose.	532	148	130	5.29	598	23

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 Measures

Tree Plantation (Quantity 500 Nos)

Capital Investment (Lacks)

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

Tree Plantation (Quantity 500 Nos)

Capital Investment (Lacks)

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. Uday Patil - Chief Executive Officer

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000064699

Submitted On:

12-04-2024

MAHARASHTRA POLLUTION CONTROL BOARD

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



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

RED/L.S.I (R60)
**No:- Format1.0/CAC/UAN No.MPCB-
CONSENT-0000170859/CR/2308000522**

Date: 08/08/2023

To,
**Shri Gurudatt Sugars Ltd.,
61/A,Gat No 61/A, Shirol, Kolhapur.**



Sub: Renewal of Consent for 225 KLPD Distillery Unit

- Ref:**
1. Renewal of consent granted by the Board vide no. Format1.0/CAC/UAN No.MPCB-CONSENT-0000139916/CR/2209001105 Date: 17.09.2022. Valid up to 31.08.2023.
 2. Environmental Clearance vide no. - F. No-J-11011/41/2015-IA-II(I) DTD. 07.06.2019.
 3. MoEFCC Notification dtd. 16.01.2020 & 02.03.2021.
 4. Minutes of CAC Meeting dtd. 07.07.2023.

Your application No.MPCB-CONSENT-0000170859 Dated 14.05.2023

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 31/08/2024**
2. **The capital investment of the project is Rs.302.6745 Crs. (As per C.A Certificate submitted by industry 281.35)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
1	Rectified Spirit (Captive)/ Denatured Spirit (Captive)	225	KL/D
2	Extra Neutral Alcohol OR	139.5	KL/D
3	Ethanol	213.75	KL/D
4	Impure Spirit /Technical Alcohol	15.75	KL/D
5	Fusel Oil	11.25	KL/D
6	Electricity	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:**

<i>Sr No</i>	<i>Description</i>	<i>Permitted (in CMD)</i>	<i>Standards to</i>	<i>Disposal Path</i>
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:**

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

6. **Non-Hazardous Wastes:**

<i>Sr No</i>	<i>Type of Waste</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	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:**

<i>Sr No</i>	<i>Category No./ Type</i>	<i>Quantity</i>	<i>UoM</i>	<i>Treatment</i>	<i>Disposal</i>
1	5.1 Used or spent oil	10	Ltr/M	Recycle	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. This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 30.08.2022.
 11. 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.
 12. PP shall ensure uninterrupted connectivity of OCEMS to Board server directly through data logger.
 13. PP shall not increase consented Cane Crushing Capacity at any given time for sugar unit.
 14. PP shall comply with all the conditions in MoEFCC notification dated 16.01.2020 & 2.03.2021.
 15. Industry shall submit/extend Bank Guarantee of Rs. 25.0 Lakh towards Compliance of Consent conditions and O&M of Pollution Control System
 16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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Signed by: Dr J. B. Sangewar

Joint Director(WPC) & InCharge Of CAC-Cell

For and on behalf of,

Maharashtra Pollution Control Board

cac-cell@mpcb.gov.in

2023-08-08 15:36:41 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	605349.00	TXN2305004247	29/05/2023	Online Payment
2	50000.00	TXN2306000649	05/06/2023	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.	pH	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.

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	S%	SO ₂
1	Incineration Boiler (22 TPH)	ESP	82	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/Nm ³
--------------------	---------------	------------------------

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	C to O & R	2500000	submit/extend	Towards O & M of PCS and compliance of consent conditions.	31.08.2024	28.02.2025

BG Forfeiture History

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

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 siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
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
38. 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.



FORM 7

(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)

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

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

DSD Security

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspection issued to	Signature with Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11		12	13	14	15
1	100	Bharat B. Jadhav	Male	57	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
2	14001	Sham S. Patil	Male	42	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
3	14005	Sumit Bandu Khot	Male	23	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
4	14006	Siddharath K. Kamble	Male	35	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
5	14007	Yogesh S. Dharangutte	Male	27	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
6	14008	Nitin G. Madhale	Male	36	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
7	14010	Pramod Y. Kadam	Male	43	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
8	14014	Shubham Narayan Gaikwad	Male	26	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
9	14016	Prakash Ramu Repe	Male	39	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
10	14017	Prakash A. Gaykwad	Male	28	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
11	14018	Avadhut S. Jagtap	Male	52	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
12	14019	Rushikesh Balasaheb Thorat	Male	25	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
13	14021	Sagar R. Apraj	Male	30	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
14	14022	Chidanand R. Dharangutte	Male	24	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
15	14023	Shivram E. Kamble	Male	41	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
16	14024	Shashidhar Kamble	Male	40	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
17	14025	Vinod R. Kadam	Male	44	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
18	14026	Sanjay S. Patil	Male	49	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
19	14027	Shahir S. Chavare	Male	59	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
20	14028	Swapnil B. Mohite	Male	27	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
21	14029	Prabhakar A. Aadake	Male	36	Security	NA	NA			13-01-24	FIT	NA	NA	NA	
22	-	Sambhaji A. Pujari	Male	45	Security	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

FORM 7

(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

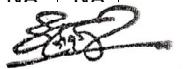
DR. ARVIND MANE

MBBS DPH AFIH.(MUMBAI)

Nirmal Jyot

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspenstion 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	45	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	27	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	NA	NA	NA	


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

FORM 7

(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)

Nirmal Jyot

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspection 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	


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SHRI GURUDATT SUGARS LIMITED

(Health Register)

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

CERTIFYING SURGEON

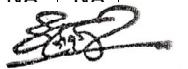
DR. ARVIND MANE

MBBS DPH AFIH.(MUMBAI)

Pramutech Services Ltd.

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspenstion issued to	Signature with Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	1106	Rakesh R. Savadatti	Male	26	Co-Generation	NA	NA			13-01-24	FIT	NA	NA	NA	
2	11006	Kapil S. Gidd	Male	32	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
3	11007	Tejas P. Patil	Male	27	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
4	11009	Ramesh R. Kadam	Male	41	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
5	11012	Satish N. Patil	Male	40	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
6	11014	Gangadhar R. Bhosale	Male	30	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
7	11019	Pravin B. Mali	Male	31	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
8	11020	Manjunath S. Patil	Male	31	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
9	11021	Adinath M. Nirmale	Male	26	D.E.	NA	NA			13-01-24	FIT	NA	NA	NA	
10	11022	Farukh M. Khan Mokashi	Male	37	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
11	11023	Pravin P. Patil	Male	0	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
12	11024	Kadagouda B. Patil	Male	44	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
13	11027	Ajitsinh B. Padaval	Male	31	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
14	11033	Ganesh V. Khot	Male	23	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
15	11042	Sakul S. Latakar	Male	27	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
16	11044	Vipul A. Patil	Male	29	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
17	11049	Ravikiran E. Dhavale	Male	44	Co-Generation	NA	NA			13-01-24	FIT	NA	NA	NA	
18	11051	Sourabh S. Gaukude	Male	25	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
19	11054	Amol V. Jagtap	Male	40	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
20	11055	Shivanand S. Langre	Male	26	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
21	11056	Amol S. Patil	Male	27	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
22	11057	Sourabh M. Kakade	Male	27	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
23	11059	Umesh M. Kagale	Male	36	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
24	11061	Ranjit S. Patil	Male	27	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
25	11063	Kashinath D. Goundi	Male	31	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
26	11065	Sunil S. Sajane	Male	34	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
27	11065	Prasad A. Kumbhar	Male	37	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	


 कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे
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 (Health Register)

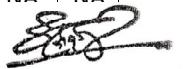
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DR. ARVIND MANE
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
28	11066	Raghavendra D. Shamannavar	Male	34	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
29	11067	Arjun S. Pujari	Male	27	Co-Generation	NA	NA			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	NA			13-01-24	FIT	NA	NA	NA	
34	11074	Dhareppa G. Mane	Male	25	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
35	11075	Pradeep G. Mali	Male	37	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
36	11078	Vijay Raj A. Dudhale	Male	28	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
37	11079	Sunil P. Mhajshale	Male	37	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
38	11081	Sourabh R. Nandane	Male	24	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
39	11084	Appanagouda B. Patil	Male	26	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
40	11084	Jagannath D. Chavan	Male	30	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
41	11088	Kiran R. Latte	Male	24	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
42	11090	Sourabh S. Mane	Male	24	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
43	11091	Akshay Kumar S. Gaikwad	Male	28	Engineering	NA	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	NA			13-01-24	FIT	NA	NA	NA	
46	11094	Akash A. Powar	Male	24	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
47	11095	Anand Shankar Naik	Male	31	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
48	11097	Shivshant S. Waghmare	Male	28	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
49	11100	Amol S. Kachare	Male	44	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
50	11101	Ganesh S. Patil	Male	28	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
51	11102	Mahesh B. Kattikar	Male	29	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
52	11104	Ketan B. Patil	Male	28	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
53	11107	Shreyansh B. Girmal	Male	24	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
54	11108	Ramazan D. Keruri	Male	40	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	


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

FORM 7

(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)

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

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

Pramutech Services Ltd.

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspection 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	Gorakanath D. Mane	Male	49	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
56	11111	Vikrant B. Kamble	Male	37	Boiler	NA	NA			13-01-24	FIT	NA	NA	NA	
57	11113	Sachin T. Jadhav	Male	26	WDT	NA	NA			13-01-24	FIT	NA	NA	NA	
58	11114	Adesh V. Gundkalle	Male	26	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
59	11116	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	


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SHRI GURUDATT SUGARS LIMITED
 (Health Register)

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

Raju Tambekar

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

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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	fitness or suspection issued to	Signature with Date of Certifying Surgeon
1	2	3	4	5	6	7	8	9	10	11		12	13	14	15
1 -		Appaso L. Latte	Male	50	Packing	NA	NA			13-01-24	FIT	NA	NA	NA	
2 -		Imran S. Kunundwade	Male	35	Sugar Godwan	NA	NA			13-01-24	FIT	NA	NA	NA	
3 -		Kedar K. Nirmale	Male	26	Sugar Godwan	NA	NA			13-01-24	FIT	NA	NA	NA	
4 -		Nagesh D. Gaste	Male	28	Sugar Godwan	NA	NA			13-01-24	FIT	NA	NA	NA	



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SHRI GURUDATT SUGARS LIMITED

(Health Register)

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

CERTIFYING SURGEON

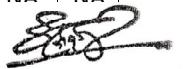
DR. ARVIND MANE

MBBS DPH AFIH.(MUMBAI)

V.D.P.

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspenstion 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	NA	NA	NA	


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FORM 7

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SHRI GURUDATT SUGARS LIMITED

(Health Register)

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

CERTIFYING SURGEON

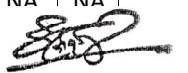
DR. ARVIND MANE

MBBS DPH AFIH.(MUMBAI)

V.D.P.

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspenstion 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	38	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	27	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. Katarak	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	NA	NA	NA	


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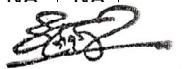
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SHRI GURUDATT SUGARS LIMITED
 (Health Register)
 (In respect of persons employed in occupations declared to be dangerous operations under sections 87)

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

V.D.P.

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

Serial No.	Works No.	Name of Worker	Sex	Age (Last birth -day)	Dept. of employment 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 suspenstion 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	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
56	15177	Sushant S. Desai	Male	24	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
57	15180	Rahul M. Pakhare	Male	23	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
58	15187	Gurudatt S. Koli	Male	23	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
59	15188	Sourabh S. Solase	Male	24	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
60	15189	Akshay V. Patil	Male	26	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
61	15191	Dhananjay A. Nasalapure	Male	29	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
62	15192	Amol P. Birange	Male	23	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
63	15194	Sanket R. Dangre	Male	22	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
64	15196	Adarsh Y. Patil	Male	24	Manufacturing	NA	NA			13-01-24	FIT	NA	NA	NA	
65	15201	Shubham S. Koli	Male	24	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
66	15202	Umesh B. Bawadekar	Male	29	ETP	NA	NA			13-01-24	FIT	NA	NA	NA	
67	15204	Raj A. Patil	Male	30	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
68	15205	Ashok A. Koli	Male	28	Electrician	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	Engineering	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-Generation	NA	NA			13-01-24	FIT	NA	NA	NA	
78	-	Kumar S. Birandage	Male	21	Distillery	NA	NA			13-01-24	FIT	NA	NA	NA	
79	-	Sammed R. Vathare	Male	22	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
80	-	Sourabh S. Ugare	Male	21	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	
81	-	Abhishek A. Ambupe	Male	21	Electrician	NA	NA			13-01-24	FIT	NA	NA	NA	


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SHRI GURUDATT SUGARS LIMITED
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 (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 }

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1	2	3	4	5	6	7	8	9	10	11		12	13	14	15
82	-	Shubham R. Manjare	Male	21	Engineering	NA	NA			13-01-24	FIT	NA	NA	NA	
83	-	Vijay D. Patil	Male	33	Sugar Godwan	NA	NA			13-01-24	FIT	NA	NA	NA	
84	-	Vishvajit R. Shivpure	Male	20	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
85	-	Shital S. Patil	Male	39	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
86	-	Aadarsh K. Sutar	Male	19	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	
87	-	Unishabh V. Magdum	Male	24	WTP	NA	NA			13-01-24	FIT	NA	NA	NA	



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 प्राधिकृत प्रमाणकशल्यचिकित्सक
 क्र. ACS 15-AM/2016

ENVIRONMENTAL
CLEARANCE

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. | EC22A022MH187153 |
| 2. File No. | IA-J-11011/368/2022-IA-II(I) |
| 3. Project Type | Expansion |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 5(g) Distilleries |
| 6. Name of Project | Expansion of Existing 150 KLPD Molasses based Distillery to 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 tahsil of Dist.:- Kolhapur, State- Maharashtra by M/s. Shri. Gurudatt Sugars Ltd |
| 7. Name of Company/Organization | RAHUL MADHAVRAO GHATAGE |
| 8. Location of Project | Maharashtra |
| 9. 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.

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PARIVESH

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



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 $1.1 \mu\text{g}/\text{m}^3$, $0.73 \mu\text{g}/\text{m}^3$ and $0.9 \mu\text{g}/\text{m}^3$ with respect to PM_{10} , $\text{PM}_{2.5}$ & 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. $2246 \text{ m}^3/\text{day}$) will be treated in CPU of capacity $1800 \text{ m}^3/\text{day}$. 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 $30 \text{ mg}/\text{Nm}^3$. 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, CO_2 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 guidelines. 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.

(A. N. Singh)

Scientist-'E'

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Tel. No. 11-24642176

Signature Not Verified

Digitally signed by A N Singh
Scientist E

Date: 12/27/2022 11:38:21 AM