

## SHRI GURUDATT SUGARS LTD; Takaliwadi

**I<sup>\*</sup>ADD.**: Gat No. 61/A, Akiwat Takaliwadi Road, **Takaliwadi.** Tal.: Shirol, Dist.: Kolhapur (MH) Pin Code: 416 108

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SGSL/ENVI/ 753 /2020 - 2021

Date - October 01, 2020

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 (April 2020 to September 2020) Compliance Report of Environmental Clearance issued by MoEF & CC, New Delhi.

Ref: You're Letter No. J - 11011/41/2015-IA-II (I) Date - 20.03.2017.

Dear Sir,

With reference to the abovementioned subject and your reference cited above. Please find enclosed herewith Six Monthly (From April 20 to September 2020) Compliance Report of Environmental Clearance issued by MoEF & CC, New Delhi vide letter no. J - 11011/41/2015-IA-II (I).Date - 20.03.2017.

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.,

CHIEE 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 (From 4900 TCD to 6000 TCD ) & Co-generation Power Plant (From 15 MW to 21 MW) by MoEF & CC, New Delhi vide letter No. J - 11011/41/2015-IA-II (I) Date - 20.03.2017

EC No -	J - 11011/41/2015-IA-II (I) Date - 20.03.2017	Oct-20	
SR.	EC Condition	Compliances	
	A) Specific Condition		
1	Zero liquid Discharge System shall be ensured	We have full-fledged disposal method carried out in a scientific manner on land for irrigation in available 50 Acres for crop irrigation.	
2	Water requirement to be reduced at extent possible by using latest process methodology being used worldwide.	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. <b>Annexure 1</b>	
3	Fly ash be generated shall be sent to nearby cement industry.	The measurity of fly ash is utilize of our press mud composting yard the remaining of the small quantity is we have sold ash to brick manufactures and farmers.	
4	Green belt (10 m wide) of perennial plant species like Neem, Seasam, Teak etc. to be developed around the plant periphery ensuring the 33% area of the plant as green area. The forest department may be consulted in this regard.	We have already planted 4356 Nos of tree as site.	
5	Air emission from all point source to be controlled by latest technology instrument. The emissions shall conform to the limits imposed by Maharashtra Pollution Control Board (MPCB)	We have already installed air pollution control equipment as per consent stipulation. The efficiency further increase bagasse drying mechanism was installed.	
6	Periodic soil and water sampling in nearby villages and water bodies to be done by the project authorities through 3rd part expert and report shall be submitted to the concerned Regional office of the Ministry.	The soil and water sampling in nearby villages carried out periodically. The report are enclosed as <b>Annexure 2</b>	

7	RO plant of sufficient capacity to be installed in the nearby villages to ensure safe drinking water supply. Maintenance of the RO plant will be owned by the project authorities.	The RO plant installed for drinking water purpose and benefits all nearby villages.
8	Health checkup camps to be organized periodically in nearby villages.	The health checkup camps carried out periodically.
9	A regular environmental manager having PG qualification in environmental sciences / environmental engineering to be appointed for looking after the environmental management practices in the plant.	We have already recruit Environmental Engineer having PG Qualification with full- fledged division of Environmental Management, wherein, all our Environmental management Plants are monitored on daily basis, along with requisite analysis carried out in our laboratory by trained chemists.
10	Automatic/ online monitoring system (24*7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	We have already installed and completed the connectivity to CPCB / MPCB server of online monitoring system of ETP outlet water parameter (Flow, PH, TSS, COD & BOD) & Boiler stack (SPM /TPM) . The continuous monitoring results of ETP outlet water parameter & boiler stack emission depict that we are achieving norms stipulated by MPCB on a continuous time basis. And also online monitoring data is uploaded in company website. The photo of instrument is attached as <b>Annexure 3.</b>
	B) General Conditions:	
1	The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board, State Government and any other statutory authority.	PA agreed to comply with
2	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alteration in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environment protection measures required, if any.	PA agreed to comply with

3	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentration are anticipated.	Complied. Ambient air quality monitoring is being carried out at three (03) location within the plant. PA submitted that the locations were decided in consultation with MPCB. As per the monitoring data, the ambient air quality levels found to be within prescribed limits.
4	The National ambient air quality emission standards issued by the ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Complied. Acoustic enclosures have been provided. Green belt has been developed around the plant area. As per the monitoring data, the noise levels found to be within stipulated limits.  The copy is enclosed as <b>Annexure 4.</b>
5	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time)	Complied. Acoustic enclosures have been provided. Green belt has been developed around the plant area. As per the monitoring data, the noise levels found to be within stipulated limits.  The copy is enclosed as <b>Annexure 4</b> .
6	The company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground and use the same water for the process activities of the project to conserve fresh water.	Complied. Roof top harvesting has been provided for the sugar godowns. Two collection pits of capacities 2100 cu.m. and 1600 cu.m. Have been provided for the storage of rain water.
7	Training shall be imparted to all employees on safety and health aspects of chemicals handling.  Pre-employment and routine periodical medical examination for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied. Personnel protective equipment has been provided to workers. The report are enclosed as <b>Annexure 5</b> .
8	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.	E.S.P, Wet scrubber & bagasse Dryer with a stack of height 65 m has been provided. Effluent treatment plant has been provided. Treated effluent is used in the seed farms of the industry also supplied to the agriculture fields of farmers of nearby villages upon prior request from farmers. 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.
9	The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CSR activities	Compiled.

	shall be undertaken by involving local villages and administration.	
10	The company shall undertake eco-development measures including community welfare measures in the project area for the overall improvement of the environment.	Being complied. As per the details provided, PA distributed 500 nos trees to farmers of nearby villagers under eco-development measures.
11	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	Complied. Environmental management cell has been established.
12	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 condition stipulated herein. The funds do earmarked for environment management / pollution control measures shall not be diverted for any other purpose.	Complied. As per the details provided, PA earmarked an amount of 13.5 cores towards capital expenditure and Rs. 3.31 cores towards recurring expenditure for environmental protection measures.
13	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zillah Parishad / Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestion / representations, if any, were received while processing the proposal.	Copy of the environmental clearance submitted to Zillah Parishad, Kolhapur and Gram Panchayat, Takaliwadi on 27.03.2017, The copy is enclosed as Annexure 6.
14	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including result 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.
15	The environmental statement for each financial year ending 31th 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	Complied. Environment statement for the FY 2019-20 submitted to MPCB vide letter dated 09.04.2020, however the same was uploaded to the company website.

	respective Regional Offices of MoEF & CC by e- mail.	
16	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB / Committee and may also be seen at Website of the Ministry at http://moef.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall ne 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 31.03.2017. The copy is enclosed as <b>Annexure 7</b> .
17	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.
18	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	PA agreed to comply with.
19	The Ministry reserve the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.	PA agreed to comply with.
20	The above conditions will be enforced, inter alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Transe-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	PA agreed to comply with.

#### Shri Gurudatt Sugars Ltd., Takaliwadi

#### ANNEXURE - 1

- The increase in capacity of Sugarcane crushing from 4900 TCD to 6000 TCD is not an expansion in true sense and this is TO CATER FOR REQUIREMENT TO INCREASE CRUSHING BY 10-15% DUE TO CANE HARVESTING REQUIRED TO BE CARRIED OUT AS PER MATURITY, as otherwise there is sugar loss.
  - A) Modernization, without increasing either resource consumption or pollutional load is a constant endeavor and as a result, with Technological Advances carried out, we are able to ensure 'NO POLLUTIONAL LOAD INCREASE' in terms of volume or concentration of effluents, both water and air due to the abovementioned measures. This is clearly depicted in Annexure I and II attached herewith. THAT THERE IS NO CHANGE IN ANY MACHINERY CAPACITY AND THE CAPACITY INCREASE IS ACHIEVED THROUGH THE TECHNOLOGY CHANGES MENTIONED ABOVE.
  - B) DUE TO MEASURES TAKEN FOR CONSERVATION OF RESOURCES, NO INCREASE IN WATER OR FUEL CONSUMPTION IS WARRENTED, THEREBY ACHIEVING ZERO DISCHARGE TECHNICALLY FOR THE EXPANSION MODE.

The salient points of our efforts in above direction are:

- 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. As given in Annexure I, the same condition prevails for additional capacity as well, wherein, we are not required to consume any raw water, and therefore, there is no effluent generation from the same.
- ii) We also have installed Bagasse drying mechanism, with waste heat from flue gas, thus minimizing consumption of Bagasse for combustion, thereby effectively reducing the emissions at source itself. We have also taken various measures as given in Annexure II, which depict the sembalance of fuel consumption and therefore there is no air emission increase in this respect.
- 2) We have provided a full fledged Effluent Treatment Plant and operating the same with due vigil. Analysis of the treatment efficiency is a routine and corrective measures are taken immediately.
- 3) We have taken care that no untreated/ treated effluent from factory enters any water course and all the treated effluent is utilized on our own Land for Cane seed Plantation Irrigation, employing scientific practices.
- We have a full fledged division of Environmental Management, wherein, all our Environmental management Plants are monitored on daily basis, along with requisite analysis carried out in our laboratory by trained chemists. We also have installed 'Online Monitoring Systems for Water and Air Pollution Control System monitoring, as per stipulations in this regard.
  - The above measures have resulted in waste generation minimization, and it implies that there is 'zero increase in pollutional load', due to the measures taken above.

ANNEXURE I

WATER BUDGET FOR EXISTING AND PROPOSED CAPACITY AFTER MODERNISATION AT SHRI GURUDATT SUGARS LTD

EXISTING 4900 TCD,15 MW				ADDITIONAL 1100 TCD,6 MW					
PURPOSE	INPUT	Purpose	LOSSES	EFFLUE NT	PURPOSE	INPUT	Purpose	LOSSES	EFFLUENT
	Cum/d		Cum/d	Cum/d		Cum/d		Cum/d	Cum/d
Water in Cane	3430	Bagasse	686		Water in Cane	770	Bagasse	154	
Imbibition	1470	Mollasses	98		Imbibition	330	Mollasses	22	
Washings	470	Press mud	98	470	Washings (No New Machine)	0	Pressmud	22	0
		(Evaporation & Cooling Loss)	500				Evaporation & Cooling Loss)	100	
Total	5370		1382	470	Total	1100		298	
Condensate	3518	Imbibition	1470		Condensate	798	Imbibition	330	
		Other use	686				Other use	154	
		Washing	470				Washing	0	
Total Internal Use			2626		Total Internal Use			484	

Excess Condensate		892	Excess Condensate		314	
Treated Condensate	Utilization	Cum/d				
	Co-Gen Make- up	450		Co-Gen Make-up	0 ( As Back I Turbine add require cool	ed does not
	Cooling Circuit Make up	120		Cooling Circuit Make up	24	
	Excess to Other Applications	322		Excess to Other Applications	296	

#### ANNEXURE II-EFFICIENCY INCREASE IN CO-GENERATION DUE TO IMPROVED TECHNOLOGY

PARAMETER	EARLIER CONDITION	IMPROVEMENT	IMPACT ON % EFFICIENCY INCREASE
BOILER TPH	70+40	70+40	Nil , Since No Change
Max.Working Steam Consumption	85	104	
Bagasse Consumption	36.95	36.49	Nil , Since No Change
I) STEAM TEMPERATURE INCREASE DU	JE TO SUPERHEATER MODIFI	CATION	
A)Steam temperature (°c)	420	500	Positive, as Power Generation Shall Improve For The Same Steam Quantity
B) Enthalpy	777.15	821.79	5.7%
II) BAGASSE MOISTURE REDUCTION E SETTING	DUE TO IMPROVED MILL		
A) Bagasse Moisture	50	47	
B) Enthalpy	2273.84	2411.84	6.1%
III ) BAGASSE DRYING MECHANISM BA	SED ON FLUE GAS		
A) Bagasse Moisture	47	40	
B) Enthalpy	2411.84	2691.80	11.6%
	TOTAL INCREASE	IN EFFICIENCY	23.4%



"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/1465A
M/s. M/s Shree Gurudatta	REPORT DATE	18/08/2020
Sugars Ltd., Takaliwadi	LAB REFERENCE NO	HS/LAB/WA/173A
Gat No.61/A, Akiwat Takaliwadi	DATE OF SAMPLING	12/08/2020
Road, Takaliwadi, Tal-Shirol, Dist –Kolhapur, Pin- 416108.	DATE OF ANALYSIS	13/08/2020

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Well water sample	Shrusti Envirocare		Sujit Hegade

#### **RESULTS OF ANALYSIS**

SR			IO OI AIVA	LIMITS IS	TEST METHOD
	DESCRIPTION	UNIT	RESULT		TEST METHOD
NO				10500:2018	<u> </u>
1	Odour	-	Agreeable	Agreeable	APHA 23 <sup>rd</sup> 2017, 2150 B
2	Colour	Hazen	1.10	< 5.00	APHA 23 <sup>rd</sup> 2017, 2120 C
3	рН	-	7.20	6.5 to 8.5	APHA 23 <sup>rd</sup> 2017, 4500-H <sup>+</sup> B
4	Electric Conductivity	µmhos/cm	182.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 2510
5	Turbidity	NTU	0.50	< 1.00	APHA 23 <sup>rd</sup> 2017, 2130 B
6	Total Dissolved Solids	mg/lit	152.00	< 500.00	APHA 23 <sup>rd</sup> 2017, 2540 C
7	Chemical Oxygen Demand	mg/lit	9.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 5220 C
8	Biochemical Oxygen	mg/lit	3.50	Not Specified	APHA 23 <sup>rd</sup> 2017, 5210 B
	Demand (27°C for 3 days)				
9	Alkalinity as CaCO <sub>3</sub>	mg/lit	45.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2320 B
10	Total Hardness as CaCO <sub>3</sub>	mg/lit	75.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2340 C
11	Chlorides as Cl	mg/lit	32.00	< 250.00	APHA 23 <sup>rd</sup> 2017, 4500 Cl <sup>-</sup> B
12	Sulphates as SO <sub>4</sub>	mg/lit	25.00	< 200.00	APHA 23 <sup>rd</sup> 2017,4500 SO <sub>4</sub> E
13	Sodium as Na	mg/lit	5.42	Not Specified	APHA 23 <sup>rd</sup> 2017, 3500 Na B
14	Calcium as Ca	mg/lit	28.00	< 75.00	APHA 23 <sup>rd</sup> 2017, 3500 Ca B
15	Magnesium as Mg	mg/lit	17.20	< 30.00	APHA 23 <sup>rd</sup> 2017, 3500 Mg B
16	Iron as Fe	mg/lit	0.12	< 0.30	APHA 23 <sup>rd</sup> 2017, 3500 Fe B
17	Fluoride as F	mg/lit	0.23	< 1.00	APHA 23 <sup>rd</sup> 2017, 4500-F <sup>-</sup> D

For HORIZON SERVICES





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

• Tel.: 020 - 25460202, 25460203, 25460003, 25460033. • Email: kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

#### **ANALYSIS REPORT**

F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/1465A
M/s. M/s Shree Gurudatta	REPORT DATE	18/08/2020
Sugars Ltd., Takaliwadi	LAB REFERENCE NO	HS/LAB/WA/173A
Gat No.61/A, Akiwat Takaliwadi	DATE OF SAMPLING	12/08/2020
Road, Takaliwadi, Tal-Shirol, Dist –Kolhapur, Pin- 416108.	DATE OF ANALYSIS	13/08/2020

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Soil sample	Shrusti Envirocare		

#### **RESULTS OF ANALYSIS**

SR NO	DESCRIPTION	UNIT	RESULT
01	pH (10 % Extract)	-	7.42
02	Ammonia as NH <sub>4</sub>	mg/kg	1.05
03	Available Nitrogen as N	%	6.95
04	Available Phosphorus as P	mg/kg	13.76
05	Nickel as Ni	mg/kg	6.35
06	Chloride as Cl <sup>-</sup>	mg/kg	221.00
07	Sulphate as SO <sub>4</sub>	mg/kg	19.03
08	Cadmium as Cd	mg/kg	1.24
09	Chromium as Cr	mg/kg	1.15
10	Copper as Cu	mg/kg	5.31
11	Zinc as Zn	mg/kg	6.84

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#### **ANALYSIS REPORT**

F/LAB/04/01/17.12.2012

REPORT NO	HS/LAB/WA/1610A
REPORT DATE	10/12/2019
LAB REFERENCE NO	HS/LAB/WA/762A
DATE OF SAMPLING	05/12/2019
DATE OF ANALYSIS	06/12/2019
	REPORT DATE  LAB REFERENCE NO DATE OF SAMPLING

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Well water sample	Shrusti Envirocare		Sujit Hegade

**RESULTS OF ANALYSIS** 

0.0			TO OF ANAL		
SR NO	DESCRIPTION	UNIT	RESULT	LIMITS IS 10500:2012	TEST METHOD
1	Odour	-	Agreeable	Agreeable	APHA 23 <sup>rd</sup> 2017, 2150 B
2	Colour	Hazen	1.10	< 5.00	APHA 23 <sup>rd</sup> 2017, 2120 C
3	pH	-	7.18	6.5 to 8.5	APHA 23 <sup>rd</sup> 2017, 4500-H <sup>+</sup> B
4	Electric Conductivity	µmhos/cm	170.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 2510
5	Turbidity	NTU	0.72	< 1.00	APHA 23 <sup>rd</sup> 2017, 2130 B
6	Total Dissolved Solids	mg/lit	145.00	< 500.00	APHA 23 <sup>rd</sup> 2017, 2540 C
7	Chemical Oxygen Demand	mg/lit	10.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 5220 C
8	Biochemical Oxygen Demand (27°C for 3 days)	mg/lit	4.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 5210 B
9	Alkalinity as CaCO₃	mg/lit	48.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2320 B
10	Total Hardness as CaCO <sub>3</sub>	mg/lit	72.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2340 C
11	Chlorides as CI	mg/lit	36.00	< 250.00	APHA 23 <sup>rd</sup> 2017, 4500 CIB
12	Sulphates as SO <sub>4</sub>	mg/lit	28.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 4500 SO <sub>4</sub> E
13	Sodium as Na	mg/lit	8.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 3500 Na B
14	Calcium as Ca	mg/lit	24.00	< 75.00	APHA 23 <sup>rd</sup> 2017, 3500 Ca B
15	Magnesium as Mg	mg/lit	14.60	< 30.00	APHA 23 <sup>rd</sup> 2017, 3500 Mg B
16	Iron as Fe	mg/lit	0.10	< 0.30	APHA 23 <sup>rd</sup> 2017, 3500 Fe B
17	Fluoride as F	mg/lit	0.25	< 1.00	APHA 23 <sup>rd</sup> 2017, 4500-F-D
No. of the last of				Far HODIZON	

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### **ANALYSIS REPORT**

F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS REPORT NO M/s. M/s Shree Gurudatta REPORT DATE	HS/LAB/WA/1610A
Company Let T 1 11 11	10/12/2019
Sugars Ltd., Takaliwadi Gat No.61/A, Akiwat Takaliwadi	1
Road Takaliwadi Tal-Shirol	
Dist –Kolhapur, Pin- 416108.	06/12/2019

	SAMPLE COLLECTED BY	NATURE	LOCATION
Soil sample	Shrusti Envirocare		Hegade

### **RESULTS OF ANALYSIS**

SR NO	DESCRIPTION	UNIT	RESULT
01	pH (10 % Extract)	1 /8 7	7.32
02	Ammonia as NH <sub>4</sub>	mg/kg	
03	Available Nitrogen as N	%	1.00 7.12
04	Available Phosphorus as P	mg/kg	14.10
05	Nickel as Ni	mg/kg	6.20
06	Chloride as Cl⁻	mg/kg	218.00
07	Sulphate as SO <sub>4</sub>	mg/kg	18.60
80	Cadmium as Cd	mg/kg	1.02
09	Chromium as Cr	mg/kg	1.02
10	Copper as Cu	mg/kg	5.10
11	Zinc as Zn	mg/kg	7.15

For HORIZON SERVICES



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#### **ANALYSIS REPORT**

F/LAB/04/01/17.12.2012

	F/LAB/04/01/17.12.2012
REPORT NO	HS/LAB/WA/1608A
REPORT DATE	10/12/2019
	HS/LAB/WA/760A
DATE OF SAMPLING	05/12/2019
DATE OF ANALYSIS	06/12/2019
	REPORT NO REPORT DATE LAB REFERENCE NO DATE OF SAMPLING DATE OF ANALYSIS

DETAILS OF SAMPLE	THE TE SOLLED BY	NATURE	LOCATION
Waste-water sample	Shrusti Envirocare	Treated	ETP

### **RESULTS OF ANALYSIS**

SR NO	DESCRIPTION	UNIT	RESULT	MPCB LIMITS	TEST METHOD
1_	рН		7.25	5.5 to 9.0	APHA 23 <sup>rd</sup> 2017, 4500-H <sup>+</sup> B
2	Total Suspended Solids	mg/lit	36.00	< 100.0	APIIA 23 2017, 4500-H'B
3	Total Dissolved Solids	mg/lit	1208.00	< 2100.0	APHA 23 <sup>rd</sup> 2017, 2540 D
4	Chemical Oxygen Demand	mg/lit	182.00		APHA 23 <sup>rd</sup> 2017, 2540 C
5	Biochemical Oxygen Demand (27°C for 3 days)	mg/lit	56.00	< 250.0 < 100.0	APHA 23 <sup>rd</sup> 2017, 5220 C IS-3025 (Part 44)-1993
6	Chlorides as CI	mg/lit	301.00	<600.0	R–2003 APHA 23 <sup>rd</sup> 2017, 4500 Cl <sup>-</sup> B
	Sulphates as SO <sub>4</sub>	mg/lit	562.00	< 1000.0	ADHA 22rd 2047, 4500 CIB
8	Oil & Grease	mg/lit	1.20	< 10.0	APHA 23 <sup>rd</sup> 2017, 4500 SO <sub>4</sub> E
9	Dissolved Oxygen	mg/lit	3.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 5520 B APHA 23 <sup>rd</sup> 2017, 5210 B

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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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### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

ULR No.	:TC70641900001606AF/1
Dated	: 10/12/2019
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	05/12/2019		
02	TEST LOCATION		Near Factory Main Gate		
03	TIME OF SAMPLING	Hrs	09:20		p.
04	TEMPERATURE (Max./Min)	Deg C	32/20		
05.	RELATIVE HUMIDITY	% RH	52	1	J 2 - TH
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	68.47	≤100	IS 5182(part 23),2006
80	PM <sub>2.5</sub>	μg/m³	28.74	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	6.24	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m <sup>3</sup>	27.0	≤80	IS 5182(part 6),2006
	Calibratian at ( !!				

Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 12312	PICS/F/ADS/12- .18/15	15/12/2018	14/12/2019
2	Respirable Dust Sampler; Sr. No 4	TECH/CAL/2019/J UN.1C/7	10/06/2019	09/06/2020

NAAQS – National Ambient Air Quality Standards (2009)



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### AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

ULR No.	:TC70641900001606AF/2
Dated	: 10/12/2019
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
DATE OF SAMPLING	DD/MM/YY	05/12/2019	100	
TEST LOCATION		Near Weigh		
TIME OF SAMPLING	Hrs			
TEMPERATURE (Max./Min)	Deg C	32/20		1
RELATIVE HUMIDITY	% RH	52	1	
SAMPLING DURATION	Hrs	08		
PM <sub>10</sub>	μg/m³	74.63	<100	IS 5182(part 23),2006
PM <sub>2.5</sub>				CPCB Guidelines Volume – I Pg. No.15
SO <sub>2</sub>				
NO <sub>2</sub>	μ <b>g/m</b> ³	30.17	≤80	IS 5182(part 2),2001, RA 2006 IS 5182(part 6),2006
	DATE OF SAMPLING TEST LOCATION  TIME OF SAMPLING TEMPERATURE (Max./Min) RELATIVE HUMIDITY SAMPLING DURATION PM <sub>10</sub> PM <sub>2.5</sub> SO <sub>2</sub> NO <sub>2</sub>	DATE OF SAMPLING DD/MM/YY TEST LOCATION  TIME OF SAMPLING Hrs TEMPERATURE (Max./Min) Deg C RELATIVE HUMIDITY % RH SAMPLING Hrs DURATION Hrs PM <sub>10</sub> µg/m³ PM <sub>2.5</sub> µg/m³ SO <sub>2</sub> µg/m³	DATE OF SAMPLING         DD/MM/YY         05/12/2019           TEST LOCATION         Near Weigh Bridge           TIME OF SAMPLING         Hrs         09:30           TEMPERATURE (Max./Min)         Deg C         32/20           RELATIVE HUMIDITY         % RH         52           SAMPLING DURATION         Hrs         08           PM <sub>10</sub> μg/m³         74.63           PM <sub>2.5</sub> μg/m³         29.99           SO <sub>2</sub> μg/m³         8.74           NO <sub>2</sub> μg/m³         30.17	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 21914	PICS/F/ADS/03- 18/04	5/03/2019	04/03/2020
2	Respirable Dust Sampler; Sr. No.2	TECH/CAL/2019/J UN.1C/3	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)





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### AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

ULR No.	:TC70641900001606AF/3
Dated	: 10/12/2019
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	05/12/2019		
02	TEST LOCATION	118320 (1111	Near ETP		N .
03	TIME OF SAMPLING	Hrs	09:40		
04	TEMPERATURE (Max./Min)	Deg C	32/20		н
05	RELATIVE HUMIDITY	% RH	52	1	7 73
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	64.13	≤100	IS 5182(part 23),2006
08	PM <sub>2.5</sub>	μg/m³	24.99	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	7.35	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m³	25.40	≤80	IS 5182(part 6),2006

Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 11912	PICS/F/ADS/12- 17/11	14/12/2018	13/12/2019
2	Respirable Dust Sampler; Sr. No. 5	TECH/CAL/2019/J UN.1C/9	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)

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### **NOISE LEVEL MONITORING REPORT**

ULR No.	:TC70641900001606AF/4
Dated	: 10/12/2019
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE
Date of Sampling.	: 05/12/2019

**RESULTS** SR. UNIT NO. **TEST LOCATION** DAY TIME **NIGHT TIME** READINGS READINGS 01 Near Main Gate dB (A) 67.1 64.2 02 Near Boiler dB (A) 74.2 68.0 03 Near ETP Area dB (A) 67.9 65.2 04 Near Sugar Godown dB (A) 64.2 63.1 05 **Near Laboratory** dB (A) 61.2 59.0 06 Near Mill House dB (A) 73.8 68.4 Near Pan Section 07 dB (A) 74.0 68.6 08 Near Sugar Plant dB (A) 74.4 68.3 09 Near Weigh Bridge dB (A) 68.3 67.2

dB (A)

73.2

67.5

Near Centrifugal
Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated	Due Date
	Digital Sound level meter Lutron -SL.4030 Q623367	Tech/CAL/2018/DB /1	21/02/2019	20/02/2020

Limits:

10

Peripheral Area

≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

In plant

90 dB AN SE

FOR HORIZON SERVICE



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#### STACK EMISSION MONITORING REPORT

ULR No.	:TC70641900001578F/1
Dated	: 06/12/2019
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS OF ANALYSIS**

SR.	DESCRIPTION	UNIT	RESULT	LIMITS	Methods Used
NO.					
01	DATE OF SAMPLING	DD/MM/YY	05/12/2019		
02	TEST LOCATION		Boiler 1 & 2		
			(Capacity-70 MT/Hr		
			& 40 MT/Hr)		
03	TIME OF SAMPLING (00.00)	Hrs	10:30		
04	MATERIAL OF STACK		-		
05	STACK HEIGHT	Mtr	65		
06	TYPE OF STACK		Round		
07	FLUE GAS TEMPERATURE	Deg C	136		
08	VELOCITY	M/Sec	5.73		
09	DIAMETER OF STACK	М	3.43		
10	GAS VOLUME	Nm³/Hr	148037.98		
11	TPM	mg/Nm³	46.0	As per	IS 11255 (Part 1)
		_		Consent	
12	SO <sub>2</sub>	Kg/Day	0.10	As per	IS 11255 (Part2)
				Consent	

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM-SMK 10B, Sr. No.7614	PICS/F/SMK/06- 18/01	09/06/2019	08/06/2020





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#### **ANALYSIS REPORT**

#### F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/1465A
M/s. M/s Shree Gurudatta	REPORT DATE	18/08/2020
Sugars Ltd., Takaliwadi	LAB REFERENCE NO	HS/LAB/WA/173A
Gat No.61/A, Akiwat Takaliwadi	DATE OF SAMPLING	12/08/2020
Road, Takaliwadi, Tal-Shirol, Dist –Kolhapur, Pin- 416108.	DATE OF ANALYSIS	13/08/2020

DETAILS OF SAMPLE SAMPLE COLLECTED BY		NATURE	LOCATION
Well water sample	Shrusti Envirocare		Sujit Hegade

#### **RESULTS OF ANALYSIS**

SR			IO OI AIVA	LIMITS IS	TEST METHOD
	DESCRIPTION	UNIT	RESULT		TEST METHOD
NO				10500:2018	<u> </u>
1	Odour	-	Agreeable	Agreeable	APHA 23 <sup>rd</sup> 2017, 2150 B
2	Colour	Hazen	1.10	< 5.00	APHA 23 <sup>rd</sup> 2017, 2120 C
3	рН	-	7.20	6.5 to 8.5	APHA 23 <sup>rd</sup> 2017, 4500-H <sup>+</sup> B
4	Electric Conductivity	µmhos/cm	182.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 2510
5	Turbidity	NTU	0.50	< 1.00	APHA 23 <sup>rd</sup> 2017, 2130 B
6	Total Dissolved Solids	mg/lit	152.00	< 500.00	APHA 23 <sup>rd</sup> 2017, 2540 C
7	Chemical Oxygen Demand	mg/lit	9.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 5220 C
8	Biochemical Oxygen	mg/lit	3.50	Not Specified	APHA 23 <sup>rd</sup> 2017, 5210 B
	Demand (27°C for 3 days)				
9	Alkalinity as CaCO <sub>3</sub>	mg/lit	45.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2320 B
10	Total Hardness as CaCO <sub>3</sub>	mg/lit	75.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2340 C
11	Chlorides as Cl	mg/lit	32.00	< 250.00	APHA 23 <sup>rd</sup> 2017, 4500 Cl <sup>-</sup> B
12	Sulphates as SO <sub>4</sub>	mg/lit	25.00	< 200.00	APHA 23 <sup>rd</sup> 2017,4500 SO <sub>4</sub> E
13	Sodium as Na	mg/lit	5.42	Not Specified	APHA 23 <sup>rd</sup> 2017, 3500 Na B
14	Calcium as Ca	mg/lit	28.00	< 75.00	APHA 23 <sup>rd</sup> 2017, 3500 Ca B
15	Magnesium as Mg	mg/lit	17.20	< 30.00	APHA 23 <sup>rd</sup> 2017, 3500 Mg B
16	Iron as Fe	mg/lit	0.12	< 0.30	APHA 23 <sup>rd</sup> 2017, 3500 Fe B
17	Fluoride as F	mg/lit	0.23	< 1.00	APHA 23 <sup>rd</sup> 2017, 4500-F <sup>-</sup> D

For HORIZON SERVICES





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#### **ANALYSIS REPORT**

F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/1465A
M/s. M/s Shree Gurudatta	REPORT DATE	18/08/2020
Sugars Ltd., Takaliwadi	LAB REFERENCE NO	HS/LAB/WA/173A
Gat No.61/A, Akiwat Takaliwadi	DATE OF SAMPLING	12/08/2020
Road, Takaliwadi, Tal-Shirol, Dist –Kolhapur, Pin- 416108.	DATE OF ANALYSIS	13/08/2020

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Soil sample	Shrusti Envirocare		

#### **RESULTS OF ANALYSIS**

SR NO	DESCRIPTION	UNIT	RESULT
01	pH (10 % Extract)	-	7.42
02	Ammonia as NH <sub>4</sub>	mg/kg	1.05
03	Available Nitrogen as N	%	6.95
04	Available Phosphorus as P	mg/kg	13.76
05	Nickel as Ni	mg/kg	6.35
06	Chloride as Cl <sup>-</sup>	mg/kg	221.00
07	Sulphate as SO <sub>4</sub>	mg/kg	19.03
08	Cadmium as Cd	mg/kg	1.24
09	Chromium as Cr	mg/kg	1.15
10	Copper as Cu	mg/kg	5.31
11	Zinc as Zn	mg/kg	6.84

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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/3175A/1
Dated	: 16/03/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	10/03/2020		
02	TEST LOCATION		Near Factory Main Gate		
03	TIME OF SAMPLING	Hrs	09:20		
04	TEMPERATURE (Max./Min)	Deg C	31/20		
05	RELATIVE HUMIDITY	% RH	46		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	70.48	≤100	IS 5182(part 23),2006
08	PM <sub>2.5</sub>	μg/m³	32.41	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	9.91	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m <sup>3</sup>	31.25	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 4411	PICS/F/ADS/09- 19/32	21/09/2019	20/09/2020
2	Respirable Dust Sampler; Sr. No 4	TECH/CAL/2019/J UN.1C/7	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)





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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/3175A/2
Dated	: 16/03/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	10/03/2020		
02	TEST LOCATION		Near Weigh Bridge		
03	TIME OF SAMPLING	Hrs	09:30		
04	TEMPERATURE (Max./Min)	Deg C	31/20		
05	RELATIVE HUMIDITY	% RH	46		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	78.16	≤100	IS 5182(part 23),2006
80	PM <sub>2.5</sub>	μ <b>g</b> /m³	35.10	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μ <b>g</b> /m³	11.10	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m <sup>3</sup>	32.44	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No 16113	PICS/F/ADS/09- 19/33	21/09/2019	20/09/2020
2	Respirable Dust Sampler; Sr. No. 5	TECH/CAL/2019/J UN.1C/9	10/06/2019	09/06/2020

NAAQS – National Ambient Air Quality Standards (2009)





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#### AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT

Report No.	: HS/REP/18-19/3175A/3
Dated	: 16/03/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	10/03/2020		
02	TEST LOCATION		Near ETP		
03	TIME OF SAMPLING	Hrs	09:40		
04	TEMPERATURE (Max./Min)	Deg C	31/20		
05	RELATIVE HUMIDITY	% RH	46		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	71.67	≤100	IS 5182(part 23),2006
80	PM <sub>2.5</sub>	μg/m³	31.42	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	9.59	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	ug/m³	30.55	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 2515	PICS/F/ADS/06- 19/05	07/06/2019	06/06/2020
2	Respirable Dust Sampler; Sr. No.10	TECH/CAL/2019M Y.1A/2	16/05/2019	15/05/2020

NAAQS - National Ambient Air Quality Standards (2009)





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#### STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/18-19/3175A/4
Dated	: 16/03/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS OF ANALYSIS**

SR.	DESCRIPTION	UNIT	RESULT	LIMITS	METHODS USED
NO.					
01	DATE OF SAMPLING	DD/MM/YY	10/03/2020		
02	TEST LOCATION		Boiler 1 & 2		
			(Capacity-70 MT/Hr		
			& 40 MT/Hr)		
03	TIME OF SAMPLING (00.00)	Hrs	11:30		
04	MATERIAL OF STACK		-		
05	STACK HEIGHT	Mtr	65		
06	TYPE OF STACK		Round		
07	FLUE GAS TEMPERATURE	Deg C	144		
80	VELOCITY	M/Sec	5.7		
09	DIAMETER OF STACK	М	3.43		
10	GAS VOLUME	Nm³/Hr	1.35159.82		
11	TPM	mg/Nm <sup>3</sup>	45.49	As per	IS 11255 (Part 1)
				Consent	
12	SO <sub>2</sub>	Kg/Day	0.14	As per	IS 11255 (Part2)
				Consent	

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM-SMK 10B, Sr. No.7614	PICS/F/SMK/06- 18/01	09/06/2019	08/06/2020





"Shree", K 3/4, S. No. 10, Erandawane Housing Society, Opposite Deenanath Mangeshkar Hospital, Pune 411 004.
• Tel.: 020 - 25460202, 25460203, 25460003, 254600033. • Email: kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

#### **NOISE LEVEL MONITORING REPORT**

Report No. : HS/REP/18-19/3175A/5

Dated : 16/03/2020

Client. : M/s Shree Gurudatta Sugars Ltd., Takaliwadi

Site. : GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.

Sample Collected by : M/S. SHRUSTI ENVIROCARE

Date of Sampling. : 10/03/2020

DESIII TS

	<u>RESULIS</u>							
SR. NO.	TEST LOCATION	UNIT	DAY TIME READINGS	NIGHT TIME READINGS				
01	Near Main Gate	dB (A)	67.6	64.4				
02	Near Boiler	dB (A)	73.0	67.9				
03	Near ETP Area	dB (A)	70.7	67.5				
04	Near Sugar Godown	dB (A)	68.7	64.0				
05	Near Laboratory	dB (A)	64.6	62.0				
06	Near Mill House	dB (A)	72.8	68.2				
07	Near Pan Section	dB (A)	69.9	67.1				
08	Near Sugar Plant	dB (A)	72.5	66.4				
09	Near Weigh Bridge	dB (A)	72.8	68.9				
10	Near Centrifugal	dB (A)	70.0	67.8				

#### Calibrations details: -

Sr.	Instrument	Certificate No.	Last Calibrated	Due Date
No.			on	
1	Digital Sound level meter Lutron -SL.4001SR.Q622510	TECH/CAL/2020/F. DB/2	20/02/2020	19/02/2021

Limits:

Peripheral Area ≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

In plant 90 dB (A)





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

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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/2193A/1
Dated	: 13/02/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	07/02/2020		
02	TEST LOCATION		Near Factory Main Gate		
03	TIME OF SAMPLING	Hrs	09:20		
04	TEMPERATURE (Max./Min)	Deg C	30/19		
05	RELATIVE HUMIDITY	% RH	43		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μ <b>g</b> /m³	72.27	≤100	IS 5182(part 23),2006
80	PM <sub>2.5</sub>	μg/m³	29.71	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	9.78	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m³	30.41	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No 16113	PICS/F/ADS/09- 19/33	21/09/2019	20/09/2020
2	Respirable Dust Sampler; Sr. No. 5	TECH/CAL/2019/J UN.1C/9	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)





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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/2193A/2
Dated	: 13/02/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	07/02/2020		
02	TEST LOCATION		Near Weigh Bridge		
03	TIME OF SAMPLING	Hrs	09:30		
04	TEMPERATURE (Max./Min)	Deg C	30/19		
05	RELATIVE HUMIDITY	% RH	43		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	76.64	≤100	IS 5182(part 23),2006
80	PM <sub>2.5</sub>	μ <b>g</b> /m³	33.59	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μ <b>g</b> /m³	10.13	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m³	32.27	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 21914	PICS/F/ADS/03- 18/04	05/03/2019	04/03/2020
2	Respirable Dust Sampler; Sr. No.2	TECH/CAL/2019/J UN.1C/3	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)





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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/2193A/3
Dated	: 13/02/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	07/02/2020		
02	TEST LOCATION		Near ETP		
03	TIME OF SAMPLING	Hrs	09:40		
04	TEMPERATURE (Max./Min)	Deg C	30/19		
05	RELATIVE HUMIDITY	% RH	43		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μ <b>g</b> /m³	75.88	≤100	IS 5182(part 23),2006
08	PM <sub>2.5</sub>	μg/m³	34.65	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μ <b>g</b> /m³	10.41	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μ <b>g</b> /m³	31.15	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No 16113	PICS/F/ADS/09- 19/33	21/09/2019	20/09/2020
2	Respirable Dust Sampler; Sr. No. 5	TECH/CAL/2019/J UN.1C/9	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)





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#### STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/18-19/2193A/4
Dated	: 13/02/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS OF ANALYSIS**

SR.	DESCRIPTION	UNIT	RESULT	LIMITS	METHODS USED
NO.					
01	DATE OF SAMPLING	DD/MM/YY	07/02/2020		
02	TEST LOCATION		Boiler 1 & 2		
			(Capacity-70 MT/Hr		
			& 40 MT/Hr)		
03	TIME OF SAMPLING (00.00)	Hrs	11:30		
04	MATERIAL OF STACK		-		
05	STACK HEIGHT	Mtr	65		
06	TYPE OF STACK		Round		
07	FLUE GAS TEMPERATURE	Deg C	137		
80	VELOCITY	M/Sec	6.1		
09	DIAMETER OF STACK	M	3.43		
10	GAS VOLUME	Nm³/Hr	147114.26		
11	TPM	mg/Nm <sup>3</sup>	48.64	As per	IS 11255 (Part 1)
				Consent	
12	SO <sub>2</sub>	Kg/Day	0.16	As per	IS 11255 (Part2)
				Consent	

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM-SMK 10B, Sr. No.7614	PICS/F/SMK/06-	09/06/2019	08/06/2020
		18/01		





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#### **NOISE LEVEL MONITORING REPORT**

Report No.	: HS/REP/18-19/2193A/5
Dated	: 13/02/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE
Date of Sampling.	: 07/02/2020

**RESULTS** 

SR. NO.	TEST LOCATION	UNIT	DAY TIME READINGS	NIGHT TIME READINGS
1101			READINGS	KEADINGO
01	Near Main Gate	dB (A)	66.9	65.1
02	Near Boiler	dB (A)	72.5	68.4
03	Near ETP Area	dB (A)	71.7	67.9
04	Near Sugar Godown	dB (A)	65.8	62.7
05	Near Laboratory	dB (A)	66.2	61.9
06	Near Mill House	dB (A)	70.1	67.1
07	Near Pan Section	dB (A)	68.8	64.8
08	Near Sugar Plant	dB (A)	71.7	67.5
09	Near Weigh Bridge	dB (A)	70.1	66.3
10	Near Centrifugal	dB (A)	71.0	68.7

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	Digital Sound level meter	TECH/CAL/2019/D	21/02/2019	20/02/2020
	Lutron -SL.4030 Q623367	B/1		

Limits:

Peripheral Area ≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

In plant 90 dB (A)





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

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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/1799A/1
Dated	: 09/01/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	03/01/2020		
02	TEST LOCATION		Near Factory Main Gate		
03	TIME OF SAMPLING	Hrs	09:20		
04	TEMPERATURE (Max./Min)	Deg C	30/21		
05	RELATIVE HUMIDITY	% RH	50		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μ <b>g</b> /m³	69.75	≤100	IS 5182(part 23),2006
80	PM <sub>2.5</sub>	μg/m³	31.11	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	8.68	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m³	29.17	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 21914	PICS/F/ADS/03- 19/24	28/02/2019	27/02/2020
2	Respirable Dust Sampler; Sr. No 4	TECH/CAL/2019/J UN.1C/7	10/06/2019	09/06/2020

NAAQS – National Ambient Air Quality Standards (2009)





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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/1799A/2
Dated	: 09/01/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	03/01/2020		
02	TEST LOCATION		Near Weigh Bridge		
03	TIME OF SAMPLING	Hrs	09:30		
04	TEMPERATURE (Max./Min)	Deg C	30/21		
05	RELATIVE HUMIDITY	% RH	50		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	73.50	≤100	IS 5182(part 23),2006
80	PM <sub>2.5</sub>	μ <b>g</b> /m³	31.45	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	9.45	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μg/m³	31.22	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No. 11912	PICS/F/ADS/12- 19/13	18/12/2019	17/12/2020
2	Respirable Dust Sampler; Sr. No.2	TECH/CAL/2019/J UN.1C/3	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)





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#### **AMBIENT AIR QUALITY MONITORING ANALYSIS REPORT**

Report No.	: HS/REP/18-19/1799A/3
Dated	: 09/01/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD,TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS**

SR. NO.	TEST DESCRIPTION	UNIT	READINGS	NAAQS STANDARDS	METHOD OF SAMPLING AND ANALYISIS
01	DATE OF SAMPLING	DD/MM/YY	03/01/2020		
02	TEST LOCATION		Near ETP		
03	TIME OF SAMPLING	Hrs	09:40		
04	TEMPERATURE (Max./Min)	Deg C	30/21		
05	RELATIVE HUMIDITY	% RH	50		
06	SAMPLING DURATION	Hrs	08		
07	PM <sub>10</sub>	μg/m³	69.42	≤100	IS 5182(part 23),2006
08	PM <sub>2.5</sub>	μ <b>g</b> /m³	31.11	≤60	CPCB Guidelines Volume – I Pg. No.15
09	SO <sub>2</sub>	μg/m³	9.53	≤80	IS 5182(part 2),2001, RA 2006
10	NO <sub>2</sub>	μ <b>g</b> /m³	28.19	≤80	IS 5182(part 6),2006

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM – ADS 2.5μ/10μ Sr. No 16113	PICS/F/ADS/09- 19/33	21/09/2019	20/09/2020
2	Respirable Dust Sampler; Sr. No. 5	TECH/CAL/2019/J UN.1C/9	10/06/2019	09/06/2020

NAAQS - National Ambient Air Quality Standards (2009)





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

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#### STACK EMISSION MONITORING REPORT

Report No.	: HS/REP/18-19/1799A/4
Dated	: 09/01/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE

#### **RESULTS OF ANALYSIS**

SR.	DESCRIPTION	UNIT	RESULT	LIMITS	METHODS USED
NO.					
01	DATE OF SAMPLING	DD/MM/YY	03/01/2020		
02	TEST LOCATION		Boiler 1 & 2		
			(Capacity-70 MT/Hr		
			& 40 MT/Hr)		
03	TIME OF SAMPLING (00.00)	Hrs	11:30		
04	MATERIAL OF STACK		-		
05	STACK HEIGHT	Mtr	65		
06	TYPE OF STACK		Round		
07	FLUE GAS TEMPERATURE	Deg C	141		
08	VELOCITY	M/Sec	5.91		
09	DIAMETER OF STACK	M	3.43		
10	GAS VOLUME	Nm³/Hr	141154.89		
11	TPM	mg/Nm³	47.21	As per	IS 11255 (Part 1)
				Consent	
12	SO <sub>2</sub>	Kg/Day	0.12	As per	IS 11255 (Part2)
				Consent	

#### Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	PEM-SMK 10B, Sr. No.7614	PICS/F/SMK/06- 18/01	09/06/2019	08/06/2020





## Lab Approved by MoEF, New Delhi. (09-02-2017 to 08-02-2022) Lab NABL Accredited - Testing - Chemical Field & Proficiency Testing Provider.

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## NOISE LEVEL MONITORING REPORT

Report No.	: HS/REP/18-19/1799A/5
Dated	: 09/01/2020
Client.	: M/s Shree Gurudatta Sugars Ltd., Takaliwadi
Site.	: GAT NO.61/A, AKIWAT TAKALIWADI ROAD, TAKALIWADI, TAL-SHIROL, DIST –KOLHAPUR, PIN- 416108.
Sample Collected by	: M/S. SHRUSTI ENVIROCARE
Date of Sampling.	: 03/01/2020

**RESULTS** 

SR. NO.	TEST LOCATION	UNIT	DAY TIME READINGS	NIGHT TIME READINGS
1101			KEADINGO	KEADINGO
01	Near Main Gate	dB (A)	67.5	66.0
02	Near Boiler	dB (A)	71.6	69.2
03	Near ETP Area	dB (A)	70.7	66.1
04	Near Sugar Godown	dB (A)	66.8	64.2
05	Near Laboratory	dB (A)	65.4	62.0
06	Near Mill House	dB (A)	72.1	67.6
07	Near Pan Section	dB (A)	69.8	65.4
08	Near Sugar Plant	dB (A)	73.9	66.8
09	Near Weigh Bridge	dB (A)	69.9	67.2
10	Near Centrifugal	dB (A)	70.1	65.3

## Calibrations details: -

Sr. No.	Instrument	Certificate No.	Last Calibrated on	Due Date
1	Digital Sound level meter	TECH/CAL/2019/D	21/02/2019	20/02/2020
	Lutron -SL.4030 Q623367	B/1		

Limits:

Peripheral Area ≤75 dB (A) For Day Time

≤70 dB (A) For Night Time

90 dB (A) In plant

For HORIZON SERVICES



## Lab Approved by MoEF, New Delhi. (09-02-2017 to 08-02-2022)

## Lab NABL Accredited - Testing - Chemical Field & Proficiency Testing Provider.

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## **ANALYSIS REPORT**

## F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/3164A
M/s. M/s Shree Gurudatta	REPORT DATE	16/03/2020
Sugars Ltd., Takaliwadi	LAB REFERENCE NO	HS/LAB/WA/1088A
Gat No.61/A, Akiwat Takaliwadi	DATE OF SAMPLING	10/03/2020
Road, Takaliwadi, Tal-Shirol, Dist –Kolhapur, Pin- 416108.	DATE OF ANALYSIS	11/03/2020

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Well water sample	Shrusti Envirocare		Sujit Hegade

## **RESULTS OF ANALYSIS**

SR NO	DESCRIPTION	UNIT	RESULT	LIMITS IS 10500:2012	TEST METHOD
1	Odour	-	Agreeable	Agreeable	APHA 23 <sup>rd</sup> 2017, 2150 B
2	Colour	Hazen	1.14	< 5.00	APHA 23 <sup>rd</sup> 2017, 2120 C
3	рН	-	7.18	6.5 to 8.5	APHA 23 <sup>rd</sup> 2017, 4500-H <sup>+</sup> B
4	Electric Conductivity	µmhos/cm	128.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 2510
5	Turbidity	NTU	0.72	< 1.00	APHA 23 <sup>rd</sup> 2017, 2130 B
6	Total Dissolved Solids	mg/lit	165.20	< 500.00	APHA 23 <sup>rd</sup> 2017, 2540 C
7	Chemical Oxygen Demand	mg/lit	10.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 5220 C
8	Biochemical Oxygen	mg/lit	4.00	Not Specified	APHA 23 <sup>rd</sup> 2017, 5210 B
	Demand (27°C for 3 days)				
9	Alkalinity as CaCO <sub>3</sub>	mg/lit	48.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2320 B
10	Total Hardness as CaCO <sub>3</sub>	mg/lit	72.00	< 200.00	APHA 23 <sup>rd</sup> 2017, 2340 C
11	Chlorides as Cl	mg/lit	36.00	< 250.00	APHA 23 <sup>rd</sup> 2017, 4500 Cl <sup>-</sup> B
12	Sulphates as SO <sub>4</sub>	mg/lit	28.00	< 200.00	APHA 23 <sup>rd</sup> 2017,4500 SO <sub>4</sub> E
13	Sodium as Na	mg/lit	6.12	Not Specified	APHA 23 <sup>rd</sup> 2017, 3500 Na B
14	Calcium as Ca	mg/lit	24.00	< 75.00	APHA 23 <sup>rd</sup> 2017, 3500 Ca B
15	Magnesium as Mg	mg/lit	14.60	< 30.00	APHA 23 <sup>rd</sup> 2017, 3500 Mg B
16	Iron as Fe	mg/lit	0.10	< 0.30	APHA 23 <sup>rd</sup> 2017, 3500 Fe B
17	Fluoride as F	mg/lit	0.25	< 1.00	APHA 23 <sup>rd</sup> 2017, 4500-F <sup>-</sup> D

For HORIZON SERVICES



(LAB INCHARGE)



## Lab Approved by MoEF, New Delhi. (09-02-2017 to 08-02-2022)

## Lab NABL Accredited - Testing - Chemical Field & Proficiency Testing Provider.

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

• Tel.: 020 - 25460202, 25460203, 25460023, 25460033. • Email: kmn@hespl.co.in / md@hespl.co.in • www.hespl.co.in

## **ANALYSIS REPORT**

## F/LAB/04/01/17.12.2012

CLIENT'S NAME & ADDRESS	REPORT NO	HS/LAB/WA/3164A
M/s. M/s Shree Gurudatta	REPORT DATE	16/03/2020
Sugars Ltd., Takaliwadi	LAB REFERENCE NO	HS/LAB/WA/1088A
Gat No.61/A, Akiwat Takaliwadi	DATE OF SAMPLING	10/03/2020
Road, Takaliwadi, Tal-Shirol, Dist –Kolhapur, Pin- 416108.	DATE OF ANALYSIS	11/03/2020

DETAILS OF SAMPLE	SAMPLE COLLECTED BY	NATURE	LOCATION
Soil sample	Shrusti Envirocare		Gondu Bhokare

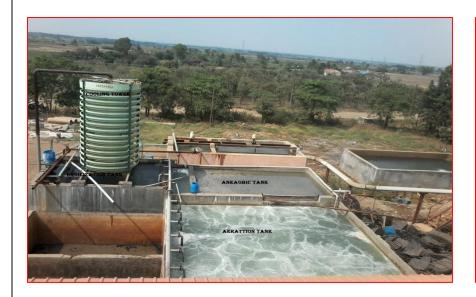
## **RESULTS OF ANALYSIS**

SR NO	DESCRIPTION	UNIT	RESULT
01	pH (10 % Extract)	-	7.32
02	Ammonia as NH <sub>4</sub>	mg/kg	1.00
03	Available Nitrogen as N	%	7.12
04	Available Phosphorus as P	mg/kg	14.10
05	Nickel as Ni	mg/kg	6.20
06	Chloride as Cl	mg/kg	218.00
07	Sulphate as SO <sub>4</sub>	mg/kg	18.60
08	Cadmium as Cd	mg/kg	1.02
09	Chromium as Cr	mg/kg	1.08
10	Copper as Cu	mg/kg	5.10
11	Zinc as Zn	mg/kg	7.15

For HORIZON SERVICES

(LAB INCHARGE)

## **Condensate Polishing Unit**









## **Online Monitoring System at SGSL**







Shri. Bhagawanrao G. Ghatge Founder Shri. Madhavrao B. Ghatge Chairman & Managing Director

## RI GURUDATT SUGARS LIN

Gat No.61, Akiwat-Takaliwadi Road, Near Balumama Mandir, TAKALIWADI - 416 108 Tal.: Shirol, Dist.:Kolhapur (Maharashtra State) Reg. No. 25-14367, Tele Fax: (02322) 241577, 241877, 241977 Ph. (0231) 2686086 Fax No. (0231) 2686000 E-mail: gslsugars@gmail.com



Certified Company

Date: 26 | 03 | 2017

Ref. No. म्कजीयाच्यल/फिलेड/144/2017

प्रति: मा.सरपंच / ग्रामसेवक मु.पो. टाकळीवाडी ता. शिरोळ जि. कोल्हापूर

विषय:- ना हरकत दाखला मिळणेबाबत..

महोदय

आमचे श्री गुरूदत्त शुगर्स लि.टाकळीवाडी या कारखान्याच्या सध्या असलेल्या ४९०० मे.टन प्रतिदिन गाळप क्षमता व १५ मेगावॅट विजनिर्मिती प्रकल्पाची क्षमता विस्तारीकरन प्रतिदिन ६००० में.टन उस गाळप व २१ मेगावॅट विजनिर्मिती करणेस central Pollution control Board ,Delhi.यांचेकडूं वि.२०/०३/२०१७ च्या पत्राने मान्यता मिळाली आहे.

तरी सदरच्या वाढीव गाळप क्षमता व विजनिर्मिती प्रकल्पाचे विस्तारीकरणास आपल्या ग्रामपंचायतीचा ना हरकत दाखला मिळावा हि विनती.

सोबत :- CPCB चे मंजूरीचे पत्र.

श्री गुरुदत्त शुगर्स लि.टाकळीवाडी.

Jeway 2012 ता. शिरोळ, जि. कोल्हापूर.



## SHRIGURUDATT SUGARS LTD. Takaliwad

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

SGSL/ENVI/ 4 4 Q /2017-2018

Date - 3/03/2017

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

**Subject:** Submission of Environmental Clearance Copy for Shri Gurudatt Sugars Ltd. Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi, Tal. Shirol, Dist. Kolhapur, Maharashtra.

Ref: MoEF & CC Letter No.F. No. -J - 11011 / 41 / 2015 -IA - II (I) Dated 20.03.2017

Respected Sir,

With reference to above subject, we are submitting here with Environmental Clearance Copy of sugar manufacturing (from 4900 TCD to 6000 TCD, Co-generation capacity (15 MW to 21 MW) at Gat No. 61/A, Akiwat Takaliwadi Road, Tal. Shirol, Dist. Kolhapur, Maharashtra received from Ministry of Environment, Forest and Climate Change, New Delhi.

This is for your information please.

Thanking You.

Yours Faithfully

Fdr, Shri Gurudatt Sugars Ltd.,

President

Copy -Enclosed above with copy of EC

TX 1209 C

करमान प्रमाणपत्र व स्मती चिन्ह पान ४ वर News at 3

## जाहीर नोटीस

## श्री ग्रुदत्त शुगर्स लिमिटेड टाकळीवाडी पर्यावरण विषयक अनुमती

श्री गुरूदत्त श्गर्स लिमिटेड, गट नं.६१/अ, अकिवाट टाकळीवाडी रोड, टाकळीवाडी, ता.शिरोळ, जि.कोल्हापूर पिन नं.४१६१०८ तर्फे कळविणेत येते की, आमच्या कारखान्यामध्ये गाळप क्षमता ४९०० TCD ते 6000 TCD व सहविजनिर्मिती प्रकल्प 15MW ते 21 MW वाढीव प्रकल्पास भारत सरकारचे पर्यावरण, वनविभाग व हवामान बदल, मंत्रालय, नवी दिल्ली कडील पत्र संदर्भ F. No. J-11011/41/2015-IA-II (I) दिनांक २०/३/२०१७ ने विस्तारीकरणास अनुमती मिळालेली आहे.

श्री. माधवराव भगवानराव घाटगे

चेअरमन व कार्यकारी संचालक श्री गुरुदत्त शुगर्स लिमिटेड, टाकळीवाडी

R

ग्रेस धुरा सचे

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Training Attendance Sheet

Date: 05/10/2010		armin and the Paul I to have here to
Topic/s:	Entry in to Confined	Sport
Trainer	Sandeep Galpus	011
Time From - To:	Spmot 6pm	

Name and Ticket No	Dogicznatia	
	Designation / Department	Signature
कपिछ न्यामा हानवाडे, 1130	ास को दि	Qy_
दबार्थ वसंत वडर 1217		- Robert
दोनोध चुकेंश्वरा क्रिकी, 5209		JOSE
विद्याण वंड सकार 5213.		S.B.S
उनाराम महादेव पारवें 5193	-11	-TMPUZnon
मधार अब्बास नदाप 1123	P3	TI- 3-11-0(2) 6
		00.0000
	***	

Note: For contractor trainings, the Effectiveness Evaluation:	name and designation / department are fi the Manager)	lled by
Evaluated By:	Date:	
Prepared By: Mr. Sandeep B. Gaikwad	Approved By: Mr. P. Datta Roy	





Date:	13-8-19
Topic/s:	Safety & Health Avarner
Trainer	Sandcep Galpood
Time From - To:	3-4 pm

Name and Ticket No	Designation / Department	Signature
Brendsalpuman	Store Reeper	Birendra kun
Govind Singh	Site Incharge	1918thard Run
Jayprakash Singh	forman	THE THE PERSON OF THE PERSON O
Kamlesh Singh	fitter	1xch
motilegy Angari	Rigar	is mutybeac
Kundan Ansgri	Rigar	फेर्देव
Shahabudin Ansari	Welder	26-16-1
merajydin Angari	fitter	मेराजुड़ी- विदेश
Sakil Ansari	fitter	ed Colo
Aslam Ansar	Rhalasi	BIHAN
Nuralam Amri	Welder	NoorAlen
Dharmendra yadar	Riger forman	समें भारत
Sureman Prasad	Rigar	Sim
Jitendra Knarwar	12:49	IGACT.
Harilal Prasad	Khalasi'	(Hantes)
Raju Patel	Hydra oprator	रीज्यहर
mukyl patal	Welder	<u> </u>
manty San	Khalase	50 0
Aject patel	Khalosi	असीम पटेहा
Samsyde'n Ansori	Rigar	110111111111
Sarfudin Ansari	Riga~	सरकारी
Kyamudin Ansari	Riger	KROMAGIM
Dremsaggar	Rigar	Jac. 1121
	V	

Note: For contractor trainings, the name and designation / department are filled by the Manager)

Effectiveness Evaluation:

Evaluated By:	Date:	Mondan
Prepared By: Mr. Sandeep B. Gaikwad	Approved By: Mr. P. Datta Roy	



Training Atlendance Sheet

Date:	3-9	-19	
Topic/s:			of helfly
Trainer	Can	deep aaix	OPE
Time From – To:		S to 10	
Name and '	ricket No	Designation / Department	Signature
Munna ki	tmay.	Hydra operator	MUNHA KUMA
ATOM. Yod	Clay	Fitter	
Ajay yad Upendra Sandeep	Yadav	Welder	34-22 41 20
Sandeep.	Vaday	Rigary	San APPP
& Hori Voel	Yadar	Rigar Rigar	offerikal augo
& Harikest Faudar	Yaday	Riggy	to six and dates
Guddy		Khalasi	गुद्ध कमार
	tor trainings, the	name and designation / depar the Manager)	tment are filled by
Evaluated By:		Date:	
Prepared By:		Approved By:	
		1	



Training Attentionce Sheet

Date:	22-7-19
Topic/s:	Safety General Ruler
Trainer	Sandres Crankward
Time From - To:	10-11 Am

Name and Ticket No	Designation / Department	Signature
Balaso Bhikky	•	allo allo
) Dinesh mondal		Dinesti Morn
) Jayanto mondal		Jayanta Mond
Suspta mukhaniji		Sucuppe Muklu
Parthas mandal		Partha Man
Tokan manda)		
) Sumit mondal.		Tukan monda
a) Sohet mondal		Sovri Lmazaz
\$) Ramanada mondal		Ramarurdaner
19 Salil Wishwal		Salle ONES
10) Rabul Harzog	-	eahul bazne
1943 Shrikand mandal		Snikanta Bisw
		3000
	1	
	,3:	

Note: For contractor trainings, the name and designation / department are filled by the Manager)

Effectiveness Evaluation:

	J. Mars
Evaluated By:	Date:
Prepared By:	Approved By:
Mr. Sandeep B. Gaikwad	Mr. P. Datta Roy

(Dragidant)



Training Attendance Sheet

Date:	19-8-19
Topic/s:	Fire Salvery
Trainer	Sandres Gairbad
Time From – To:	11-15 Am

Name and Ticket No	Designation / Department	Cionatana
A	, - sparament	Signature
जाभेश भड़ल		ter Anna
414. 4502		dogant & Mon
थाकन नेमला		- Partha Mo
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Milan histor		Serrib make day
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		**************************************
10		

Note: For contractor trainings, the name and designation / department are filled by the Manager)

Effectiveness Evaluation:	the Manager)
	( Millio
Evaluated By:	Date:
Prepared By: Mr. Sandeep B. Gaikwad	Approved By: Mr. P. Datta Roy

## HEALTH REGISTER

NAME OF COMPANY:-

# SHRI GURUDATT SUGARS LTD.

## (COMPANY)

ADD - Gat No. 61/ A, Akiwat Takaliwadi Road, Takaliwadi, Tal. - Shirol

Dist. - Kolhapur (MH) Pincode - 416 108

VALID FROM: - 20/02/2019 To 19/02/2020

Form No 7 (Prescribed under Rule 18 (17))

HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

SHRI GURUDATT SUGARS LTD. (COMPANY)

pany Name:

Sr. No.

200																			E	
worker Signature with gate of certifying surgeon.																	_	1	7 90(2)	सिता
If Certificate of unfitness or suspention issued to worker.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		200	### JY 78	जिल्हाकरिता
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	H	Fit	Fit	Fit	Fit	Fit	Fit		The state of the s	NA सम्बाने अधिनियम १९४८ थ्यी कलम् १०(२) प्रमाणे	कोल्हापर
If suspended from work, state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA REGIE	
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Eit	Fit	Fit	
Ехат, Date	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	
Raw material or bye product handled																				
Nature of job or occupation																				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of	09 E.D.P.	10 ENGG.	10 ENGG.	08 CO-GEN.	08 CO-GEN.	08 CO-GEN.	08 CO-GEN.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	08 CO-GEN.	
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Лате	MR. SHARAD D. INAMDAR	MR. DNYANDEV KHOT	MR. SARJERAO A. JAGTAP	MR. BASAVRAJ C. SWAMI	MR. PRAKASH R. BIRAJDAR	MR. MADHAVRAO R. SHINDE	MR. ANAND R. YADAV	MR. SANJAY A. PATIL	MR. MARUTI T. UGALE	MR. AJIT L. SHINDE	MR. RAVSAHEB R. KOTE	MR. RAMESH A, CHOUGHULE	MR. DASHRATH M. NARUTE	MR. CHANDRAKANT G. RAVLUKEDARI	MR. ANIL M. JADHAV	MR. RAMESH R. POWAR	MR. SURESH K. AMBI	MR. SHITAL A. ALATE	MR. BAHUBALI M. KANE	,
Emp. No.	000001	000011	0000013	0000019	000000	000021	0000022	000024	000028	0000029	000034	000039	000042	000043	0000045	0000020	0000051	0000052	000054	

Page 1 of 28

प्राधिकृत प्रमाणकशल्यचिकित्सक **第.ACS 15-AM/2016** 

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

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.oV.:	.oV. qm	1 ame	Age x98	Dept of employement of present work	Date of leaving or transfer to other work	Reason for leaving Transfer of discharge	Nature of job or occupation	Raw material or bye product handled	Exam. Date	Result of Medical Examination	If suspended from work, state period of suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfitness or suspention issued to worker	Signature with gate ocertifying surgeon.
-	E	MR BALASO D. MANGALE	1	15 MAN		/			22/02/2019	Fit	NA	Fit	NA	
+	100000	MR SURFSH D BHATMARE	40 N	M 21 SUGAR G.	NA	NA			21/02/2019	Fit	NA	Fit	NA	
+	600000	MIN. SOUNDER DE COMPANY	+	M 01 ACCOUNT	AN	AN			20/02/2019	Fit	NA	Fit	NA	
	080000	MR. VIRENDRA V. PATIL		2000	THE PERSON NAMED IN	42			20/02/2019	莊	NA	Fit	NA	
	0000085	MR. RAJU B. PATIL	-+-	>	AN S	NA Y			20/02/2019	Fit	NA	Fit	NA	
_	000087	MR. CHANDRAKANT D. PATIL	46 N	M 14 H.K.D.	NA	Y.			0100/00/00	Dit.	NA	1	Y Z	
-	000092	MR. RAVINDRA S. KUMBHAR	35 N	M 14 H.R.D.	NA	NA			20/02/20/02	i i	WI IN	1 2	VIV.	
-	000005	MR. MOHAN S. VASAMKAR	43 N	M 17 PURCHASE	NA	NA			20/02/2019	FII	NA	FIL	VM	
	960000	MR. CHANDRAKANT Y. PATIL	45 N	M 21 SUGAR G.	NA	NA			20/02/2019	Fit	NA	Fit	NA :	
	260000	MR. CHANGDEV N. JASUD	42 N	M 12 GEN.	NA	NA			20/02/2019	Eit	NA	Eit	NA	
+	00000	AND SANDEED R RHORF	32 N	M 01 ACCOUNT	NA	NA			20/02/2019	Fit	NA	Fit	NA	
-	000008	MK. SANDEEF D. BROKE	-	10 SECTIBITY	ΔN	ΔN			20/02/2019	Fit	NA	Fit	NA	
	0001000	MR, BHARAT B, JADHAV	-		W.				20/02/2019	Fit	NA	Ξŧ	NA	
	000102	MR, DILIP D, KILLEDAR	20 1	M 03 AGKI	NA	A A				Ē		72	MA	
1	000121	MR. AVINASH J. BASTWADE	38	M 03 AGRI	NA	NA			20/02/2019	E i	NA :	LII.		
1	000127	MR. BHAHUBALI B. PATIL	38 1	M 01 ACCOUNT	NA	NA			20/02/2019	Fit	NA	Fit	NA ;	
	000135	MR. RAMCHANDRA M. NAIKWADE	48	M 03 AGRI	NA	NA			20/02/2019	盂	NA	E .	NA	
	000140	MR. SURESH A. BANDGAR	42	M 10 ENGG.	NA	NA			20/02/2019		NA	Fit	NA	
	000141	MR. SHABBIR S. CHAUS	52	M 10 ENGG.	NA	NA			20/02/2019	Fit	NA	UW E	J.	
1	000142	MR HARIBA M. HAWALDAR	38	M 10 ENGG.	NA	NA			20/02/2019	Fit	NA	M	13.5%	
	000142	MR. ANANDA S. MAGDUM	41	M 10 ENGG.	NA	NA			20/02/2019	Fit	कारियाने	करियाने अधिनियम १९१	9९४८ च्या कलम १०(२)	१०(३) प्रमाणे
												कोल्हापूर	जिल्हाकरित	E
											-			

Page 2 of 28

琢. ACS 15-AM/2016

MBBS DPH AFIH.(Mumbai)

Form No 7 (Prescribed under Rule 18 (17)) REGISTER HEALTH

From: 20/02/2019 To 19/02/2020

DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) pany Name:

Sr. No.

	_				1		1	1.	_		-	_	-		_			_	_1	5
Signature with gate of certifying surgeon.																				10(3) M
If Certificate of unfitness or suspention issued to worker	Y V	NA	NA	NA	NA	NA	NA	NA	AN	AN	NA	NA	NA	NA	NA	NA	G	A A	) AN	ट च्या कलम् ५०( जिल्हाकिसिता
Certified fit to resume duty on with signature of Certifying Surgeon		Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	H.	Fit	Fit	Fit		の世	NA Fit NA	क्रिक्सियर
If suspended from work, state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6) Kelly
Result of Medical Examination	Fit	Fit	Hit	Fit	Fit	Fit	Fit	Fit	Fit	Ei	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
Exam. Date	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	
Raw material or bye product handled																				
Nature of job or occupation																				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of employement of present work	10 ENGG.	10 ENGG.	08 CO-GEN.	08 CO-GEN.	08 CO-GEN.	08 CO-GEN.	08 CO-GEN.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	
Sex	Σ	M	Z	Σ	×	Σ	×	Σ	Σ	×	Σ	M	M	M	Σ	×	Z	M	M	
- 9gA	46	47	45	38	41	33	53	39	38	46	42	37	36	38	36	38	43	34	38	
								9										0		
Лате	MR. BAJIRAO V. GHORPADE	MR. SATGONDA R. PATIL	MR. AKASH G. MAGDUM	MR. AMOL A. CHOUGULE	MR. ANANDA S. BIROJE	MR. CHANDRAKANT D. MALI	MR. MAHADEV I. PATIL	MR. SURYAKANT A. BHENDE	MR. LOKESH S. EKSAMBE	MR. YALLAPPA D. KOLI	MR. KRISHNATH T. SANT	MR. BANDU B. KOLI	MR. SARJERAO A. KOLI	MR. BALASO A. MULLA	MR. SUNIL G. RAJPUT	MR. SAMBHAJI R. JADHAV	MR. PANDURANG D. TAMBIRE	MR. ANANDA A. HAWALDAR	MR. SUNIL S. KADOLE	,
Emp. No.	000144	000146	000155	000163	000164	000165	000168	000170	000174	000175	000176	821000	621000	000183	000184	000185	000187	000188	000197	,

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MBBS DPH AFIH.(Mumbai)

From: 20/02/2019 To 19/02/2020 HEALTH REGISTER

SHRI GURUDATT SUGARS LTD. (COMPANY)

pany Name:

Form No 7 (Prescribed under Rule 18 (17))

DR.ARVIND MANE Certifying Surgeon

Emp. No.	661000	000200	000202	000204	000205	000200	000200	000213	000215	000217	000218	000229	000240	000244	000252	000257	000261	000264	000270	
SmeV	MR. UDAYKUMAR A. BARWADE	MR. SANDEEP D. BAGADE	MR. RAJENDRA A. SHINDE	MR. VIJAY S. AMBUPE	MR. KIRAN R. MANGSULE	MR. SAGAR S. HASURE	MR. AJIT A. CHOUGALE	MR. BHASKAR S. KAMBLE	MR. SANJAY A. BUBNALE	MR. BHAUSO R. CHOPADE	MR. SIDRAM G. GAVANDI	MR. PARMESHWAR R. YADAV	MR. SAMBHAJI B. DESAI	MR. SURESH M. NAIKWADE	MR. KUMAR M. SUTAR	MR. HANAMANT L. PATIL	MR. SUNIL A. NIMBALKAR	MR. RAFIQ B. PATEL	MR. ARJUN K. SURYAVANSHI	
											7	7	4.	7	7	7		3	(4.1	
agA xa2	4	37 N	37 N	43 N	46 N	42 N	42 N	48 N	39 N	39 N	45 M	48 M	59 N	46 M	42 M	40 M	39 M	34 M	38 M	
Dept of employement of present work	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	M 10 ENGG.	A 10 ENGG.	A 10 ENGG.	M 15 MANUFACTURING	M 15 MANUFACTURING	M 15 MANUFACTURING	M 15 MANUFACTURING	M 15 MANUFACTURING	M 15 MANUFACTURING	1 15 MANUFACTURING	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA NA	NA NA	NA NA	NA I	NA NA	NA NA	NA I	
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nature of job or occupation																				
Raw material or bye																				
Ехат, Date	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
If suspended from work, state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	AND MAIN
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Q.	記事	Fit	अधिगयम ५५४
If Certificate of unfitness or suspention issued to worker Signature with gate of	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(V)	NA NA	NA Fit NA	कोल्हापर जिल्हाकरिता
certifying surgeon.													•							ыьк (а

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प्राधिकृत प्रमाणकशल्यविकित्सक

郊. ACS 15-AM/2016

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

## Form No 7 (Prescribed under Rule 18 (17)) REGISTER HEALTH

From: 20/02/2019 To 19/02/2020

SHRI GURUDATT SUGARS LTD. (COMPANY)

npany Name:

Sr. No.

				T	1												*		-	臣
Signature with gate certifying surgeon.																				19(3)
If Certificate of unfitness or suspention issued to worker	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	कोल्हापुर जिल्हाकरिता
Certified fit to resume duty on wit signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	ONGERT AND THE OWN	क्रील्डापुर
If suspended from work, state period o suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	A PROBLEM	5
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	NA	Fit	Fit	
Ехат. Date	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	
Raw material or bye product handled																				
Nature of job or occupation																				
Reason for leaving Transfer of discharg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or tranafer to other wo	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of employement of present work	03 AGRI	03 AGRI	03 AGRI	14 H.R.D.	01 ACCOUNT	10 ENGG.	10 ENGG.	M 15 MANUFACTURING	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	23 W. T. P.	03 AGRI	10 ENGG.	M 15 MANUFACTURING	
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əg∀	39	38	38	20	46	56	35	40	52	38	43	36	39	43	39	14	37	49	38	
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Уать	MR. RAJENDRA D. LATAWADE	MR. DEVENDRA A. SHIRGUPPE	MR. SURESH P. GODHADE	MR. VIJAY R. DAKARE	MR. NILESH V. YADAV	MR. KIRAN R. GAIKWAD	MR. PRADIP S. SAWANT	MR. YELGONDA S. PATIL	MR. SUBHASH M. KHOT	MR. SUDESH N. MAGADUM	MR. UDYKUMAR D. MAHIND	MR. RAJGONDA P. PATIL	MR. PANDURANG R. NANDIWALE	MR, BALASO B. MAGDUM	MR. ASHOK K. WANTE	MR. POPAT M. KHOT	MR. VIJAY S. PAWAR	MR. RAMESH G. GAIKWAD	MR. SANTOSH S. CHIKKODE	
Emp. No.	000274	000276	000277	000285	000294	000295	000296	000300	000308	000313	000317	000318	000319	000320	000321	000328	000330	000354	000359	

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Form No 7 (Prescribed under Rule 18 (17))

From: 20/02/2019 To 19/02/2020

HEALTH REGISTER

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) cany Name:

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signature with gate of sertifying surgeon.	S																	-		K (2) F
If Certificate of nufitness or sandful to sandful to support to sand to sand to support to sand to support to sand to s	VN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(X	L S	D <sub>A</sub>	जिल्हाकरिया
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	莊	Fit	Fit	Fit	Fit	Fit	A E	B	Safering ago, NA	क्रील्हापर
If suspended from work, state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NATural	
Result of Medical Examination	1 7	Fit	Fit	描	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	莊	Fit	Fit	Fit	
Ехат, Date	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	
Raw material or bye product handled																				
Nature of job or occupation																				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of present work	03 AGRI	06 CANEYA.	06 CANEYA.	06 CANEYA.	06 CANEYA.	19 SECURITY	M 15 MANUFACTURING	15 MANUFACTURING	10 ENGG.	12 GEN.	06 CANEYA.	22 VEHICLE	10 ENGG.	08 CO-GEN.	08 CO-GEN.	10 ENGG.	03 AGRI	04 BIOFERTI.	22 VEHICLE	
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							. 4									4		0		
Уате	MR. SACHINKUMAR K. HEMGIRE	MR. SUBHASH S. PIMPALE	MR. KHANDERAO M. KAMBALE	MR. VINOD A. PATIL	MR. HANAMANT A. PATIL	MR. KUMAR D. PATIL	MR. RAJENDRA S. GHADGE	MR. PRITAM M. MARDANE	MR. ANANT S. PATTANKUDE	MR. RUDRAGONDA B. PATIL	MR. GAJANAN M. LATAWADE	MR. GAJENDRA H. MANE	MR. SANJAY T. THORAWAT	MR. MADHUKAR B. MALI	MR. SHANKAR R. BALIGADE	MR. VISHAL G. GHATAGE	MR. MILIND D. KAMBLE	MR. HANMANT V. BABAR	MR. SANJAY Y. KUMBHAR	*
Етр. Ио.	000381	000395	000399	000403	000404	000423	000425	000428	000439	000441	000446	000448	000453 N	000459 N	000460 N	000470 N	000471 N	000478 N	000489 N	

部. ACS 15-AM/2016

Certifying Surgeon
DR.ARVIND MANE
MBBS DPH AFIH.(Mumbai)

## Form No 7 (Prescribed under Rule 18 (17))

HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

SHRI GURUDATT SUGARS LTD. (COMPANY)

pany Name:

Emp. No.	000494	000533	000543	000545	000549	000551	000553	000558	095000	000561	000572	925000	000577	000578	0000579	000280	000581	000587	000594	
Name	MR. AJIT B. MURGUNDE	MR. TEJANAND B. DESAI	MR. PUNDALIK K. JADHAV	MR. SUBHASH K. MANE	MR. MILIND M. MALEKARI	MR. RAMA A. ZENDE	MR. UMESH S. MITHARE	MR. NILESH M. JADHAV	MR. BABASO D. PATIL	MR. DIPAK P. CHAVAN	MR. SANTOSH A. BASTAWADE	MR, NAZIM D, INAMDAR	MR. PRAKASH K. LATWADE	MR. SANJAY S. BHOSALE	MR. UDAY S. PATIL	MR. SANJAY G. PATIL	MR. VINOD S. PATIL	MR. SURESH M. UGARE	MR. HEMANTKUMAR S. POL	
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9gA ye2	39 1	35 1	50 1	47	40	36 1	43	39 1	38 1	39 I	35 1	S2 N	41	38	34	41 P	34 1	46 N	32 N	
xəg	M	M	M	Σ	Z	×	M	M 15 1	M	×	M	×	M	×	×	M	M	M 15 l	M	
Dept of employement of present work	01 ACCOUNT	08 CO-GEN.	08 CO-GEN.	10 ENGG.	06 CANEYA.	06 CANEYA.	10 ENGG.	15 MANUFACTURING	10 ENGG.	03 AGRI	06 CANEYA.	10 ENGG.	06 CANEYA.	06 CANEYA.	06 CANEYA.	06 CANEYA.	06 CANEYA.	M 15 MANUFACTURING	08 CO-GEN.	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Nature of job or occupation																				
Raw material or bye product handled																				
Ехат. Date	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
If suspended from work, state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA A	•
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	W	416.29	an Fit equ.	
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(MA)	Jan D	VIND (C)09 NA IN 1847/1899	जिल्हाकिरिता
Signature with gate of certifying surgeon.																		ı	num (c)o	

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**那. ACS 15-AM/2016** 

Form No 7 (Prescribed under Rule 18 (17))

REGISTER HEALTH

To 19/02/2020 From: 20/02/2019

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) oany Name

कारवाने अधिनियम १९४८ च्यो केलम १०(२) प्रमा certifying surgeon. प्राधिकृत प्रमाणकशल्याचाकेत्सक Signature with gate of कोल्हापूर जिल्हाकरिता MOLKEL suspention issued to NA NA NA NA NA NA NA NA Ž NA Ν Ä NA NA NA NA unfitness or If Certificate of Certifying Surgeon to stutengiz Fit Fit Fit Ε̈́ 莊 Fit Fit Fit Fit Fit Fit Fit Fit Εï resume duty on with Certified fit to detailed reasons suspension with NA work, state period of If suspended from Examination Ξ Ε̈́ Ε̈́ Fit Ε̈́ Fit Fit Ë Fit Fit Ε̈́ E 丟 丟 E Fit Ε̈́ Fit Fit Result of Medical 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 20/02/2019 Exam. Date product handled Raw material or bye occupation Nature of job or Transfer of discharge NA Reason for leaving NA transfer to other work Date of leaving or 15 MANUFACTURING 16 PETROL P. 19 SECURITY 19 SECURITY 19 SECURITY 19 SECURITY 08 CO-GEN 10 ENGG. 03 AGRI 10 ENGG. 10 ENGG 10 ENGG 10 ENGG 03 AGRI 03 AGRI 03 AGRI 03 AGRI present work employement of Dept of M × M  $\mathbf{Z}$ Σ Σ  $\mathbf{Z}$ Z  $\sum$  $\mathbf{Z}$ Σ Z  $\mathbf{Z}$ Σ Σ  $\mathbf{Z}$ Σ Σ Z xəs agA 37 39 35 40 35 46 43 52 43 42 32 40 33 43 37 40 99 32 46 0 MR. DHANANJAY U. THORAWAT MR. CHANDRAKANT S. SHINDE MR. BALASAHEB D. ALGOUDA MR. VITTHALSING R. RAJAPUT MR. CHANDRAKANT K. PARIT MR. PANDURANG H. BHOITE MR. HEMANT B. KASARKAR MR. HEMANT B. KASARKAR MR. KRISHNADEV K. MANE MR. BALASO L. CHOUGALE MR. MADAN S. VASAMKAR MR. PRASHANT R. SHETTI MR. RAJKUMAR S. MANE MR. JITENDRA M. GORE Лате MR. KAYUM B. MULLA MR. VILAS R. JAGTAP MR. DIPAK B. SHINDE MR. DILIP B. KADAM MR. ANIL S. MANE 000649 000595 000598 000003 000614 000627 869000 000640 000642 000645 000651 000054 0000655 000664 Emp. No.

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## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) npany Name:

Sr. No.

4

Signature with gate of certifying surgeon.																			श्री प्रमाणे	
If Certificate of unfitness or suspention issued to worker	۲ Z	×Z	×z	NA AA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4	X	D <sub>AN</sub>	THE CHART GO	रहाकरिता
Certified fit to resume duty on with signature of Certifying Surgeon	E	Eit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	C E	A STATE OF THE PROPERTY OF THE	A F	कारकाने अधिनियम त९४८ च्या करना १०(२)	कोल्हापूर जिल्हाकरित
If suspended from work, state period of suspension with detailed reasons		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	कारण्याने आह	16
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
Ехапл. Date	20/02/2019	20/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	
Raw material or bye product handled																				
Nature of job or occupation																				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of employement of present work	10 ENGG.	10 ENGG.	08 CO-GEN.	10 ENGG.	M 15 MANUFACTURING	08 CO-GEN.	08 CO-GEN.	M 15 MANUFACTURING	04 BIOFERTI.	03 AGRI	14 H.R.D.	06 CANEYA.	19 SECURITY	19 SECURITY	19 SECURITY	08 CO-GEN.	19 SECURITY	19 SECURITY	19 SECURITY	
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Лате	MR. BAJIRAO S. TIKODE	MR. PRABHAKAR P. PATIL	MR. RAMGONDA P. PATIL	MR. DEEPAK D. MANE	MR. VIKAS M. PATIL	MR. KISHOR T. PAWAR	MR. RANJIT G. YADAV	MR. SHRIPATI N. JOLLE	MR. ANANDA M. FAKANDE	MR. MOHAN K. PATIL	MR. ISMAIL B. JAMADAR	MR. BAHUBALI S. LATTE	MR. ASHOK JADHAV	MR. SURESH B. GAIKWAD	MR. SHIVAJI M. BHOSALE	MR. MALHAR G. JADHAV	MR. ARUN B. KAGWADE	MR. RAJENDRA K. PATIL	MR. RAJU P. KOLI	•
Emp. No.	899000	699000	000671	000673	629000	000682	000685	689000	16900	669000	000702	902000	602000	000712	000715	00717	000718	000726	000727	

\$5. ACS 15-ANI/2016

## Form No 7 (Prescribed under Rule 18 (17))

HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) cany Name:

Signature with gate of certifying surgeon.																		4	(2) 和时	-
If Certificate of unfitness or suspention issued to worker	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA.	NA NA	् च्या केलम् १०	िजल्हाकरिया
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Q!	A Sais	NA STOCKET 99 N 201 Acre 90(2) WHI	कोल्हापूर जिल्हाकरिता
If suspended from work, state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4/1/21.1
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Ξţ	Eit	Fit	Ξţ	Fit	ŧ	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
Ехат. Date	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	
Raw material or bye product handled																				
Vature of job or occupation																				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of employement of present work	19 SECURITY	10 ENGG.	10 ENGG.	08 CO-GEN.	19 SECURITY	21 SUGAR G.	07 CIVIL	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	10 ENGG.	08 CO-GEN.	15 MANUFACTURING	06 CANEYA.	06 CANEYA.	03 AGRI	
Age xə2	Σ	Z	×	Z	Z	M	×	M	×	×	M	M	×	×	Σ	Z	×	M	M	
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Name	MR. DILIP N. GORE	MR. SHAMRAO S. SHEDBALE	MR. MADHUSUDAN M. MORADE	MR. ANIL S. KAMBALE	MR. RAJARAM A. BAKALE	MR. TUKARAM B. PATIL	MR. SUKUMAR S. BHALE	MR. AMGONDA B. PATIL	MR. VINOD D. KAMBLE	MR. MAHIPAL T. GAVALI	MR. MEHUL C. LUGADE	MR. UTTAM V. PATIL	MR. ANANT S. RASANKAR	MR. SANJAY M. MAGADUM	MR. SHARAD M. INGALE	MR. PREM K. WAGHMARE	MR. VIJAYKUMAR B. PATIL	MR. HIRASING B. RAJPUT	MR. AKARAM S. GAVADE	
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MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

## Form No 7 (Prescribed under Rule 18 (17))

HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

SHRI GURUDATT SUGARS LTD. (COMPANY) pany Name:

Reason for leaving Transfer of discharge Nature of job or occupation Raw material or bye product handled Exam. Date Result of Medical	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	A NA 21/02/2019 Fit	
Dept of employement of present work  Date of leaving or transfer to other work	M 03 AGRI NA	M 06 CANEYA. NA	M 03 AGRI NA	M 15 MANUFACTURING NA	M 15 MANUFACTURING NA	M 19 SECURITY NA	M 01 ACCOUNT NA	M 19 SECURITY NA	M 19 SECURITY NA	M 19 SECURITY NA	M 13 GUEST H. NA	M 13 GUEST H. NA	M 04 BIOFERTI. NA	M 07 CIVIL NA	M 10 ENGG. NA	M 19 SECURITY NA	M 19 SECURITY NA	M 10 ENGG. NA	M 10 ENGG. NA	
Age xs2	37 N	32 N	39 N	44 N	35 N	55 N	55 N	S6 N	57 N	55 N	49 N	48 N	34 N	48 N	30 N	S9 N	39 N	46 N	34 N	
Изте	MR. SURESH K. YADAV	MR. RAJENDRA B. GAVDE	MR. SANTOSH B. LATWADE	MR. DHANAJI S. NIMBALKAR	MR. BAHUBALI B. KOTHALI	MR. CHANDRAKANT B. KUMBHAR	MR. TANAJI N. KAKADE	MR. SITARAM M. PATIL	MR. BABASAHEB R. PATIL	MR. RAVSAHEB R. GUDE	MR. BABASO M. EDAKE	MR. JAKAPPA K. MAHAJAN	MR. SANJAY D. DANOLE	MR. BABASO Y. INAMDAR	MR. PRAVIN B. NARAKE	MR. SADASHIV M. PATIL	MR. MANIK R. DESAI	MR. DILIP A. KORBU	MR. RAVINDRA B. SUTAR	
Emp. No.	IM 667000	000000 MI	000803 MI	000811 MI	000812 MI	000816 MI	000820 MI	000824 MI	000825 MI	000828 MI	000830 MI	000831 M	000832 M	000837 M	000844 M	000847 M	000848 M	000849 M	000850 M	

**添. ACS 15-AM/2016** 

प्राधिकृत प्रमाणकशल्यांचिकित्सक 那. ACS 15-AM/2016

## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai)

DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) pany Name:

कारहानुर जिल्हाकारता												Page 12 of 28
जावास्त्रम ११६८ च्या कलम १०(२) प्रमाण	THE PROPERTY OF THE PARTY OF TH											
COOL STANKEN A LAI	क्रायाने वाशिकार	Fit	21/02/2019			NA	NA	10 ENGG.	Z	38	MR. SACHIN B. CHIKHALE	P. SACHIN
10 NA	NA PARTE	Fit	21/02/2019			NA	NA	15 MANUFACTURING	M	41	MR. APPASO B. GOURAJ	R. APPASC
	NA NA	Fit	21/02/2019			NA	NA	03 AGRI	Σ	32	r. PATIL	MR. AMAR A. PATIL
NA	NA Fit	Fit	21/02/2019			NA	NA	15 MANUFACTURING	M	34	MR. MAHESH B. ARADE	MAHES
NA	NA Fit	Fit	21/02/2019			NA	NA	19 SECURITY	Z	52	MR. FAIJAHAMAD R. MULLA	FAIJAH.
NA	NA Fit	Ξŧ	21/02/2019			NA	NA	19 SECURITY	Σ	46	MR. ANAND J. SHINDE	. ANAND
NA	NA Fit	Fit	21/02/2019			NA	NA	07 CIVIL	Σ	54	S. PATEL	MR. ALAM S. PATEL
NA	NA Fit	Fit	21/02/2019			NA	NA	07 CIVIL	Σ	36	MR. SANDIP S. MAGDUM	. SANDIF
NA	NA Fit	Fit	21/02/2019			NA	NA	07 CIVIL	Σ	38	MR. JINGODA B. PATIL	L JINGOL
NA	NA Fit	Fit	21/02/2019			NA	NA	06 CANEYA.	Σ	33	PATIL	MR. AJIT A. PATIL
NA	NA Fit	Fit	21/02/2019			NA	NA	06 CANEYA.	Σ	33	MR. GANESH R. GORE	S. GANES
NA	NA Fit	Fit	21/02/2019			NA	NA	10 ENGG.	Σ	37	MR. SANDEEP S. SAJANE	S. SANDE
NA	NA Fit	Fit	21/02/2019			NA	NA	10 ENGG.	Σ	39	MR. VIJAY S. KUMBHOJKAR	t. VIJAY
NA	NA Fit	Fit	21/02/2019			NA	NA	M 15 MANUFACTURING	Σ	30	MR. SWAPNIL A. KAMBLE	S. SWAPA
NA	NA Fit	Fit	21/02/2019			NA	NA	M 15 MANUFACTURING	-	42	MR. KUMAR S. MANE	R. KUMAI
NA	NA Fit	Fit	21/02/2019			NA	NA	15 MANUFACTURING	M	35	MR. MIRASAB S. SHENDURE	R. MIRAS.
NA	NA Fit	Fit	21/02/2019			NA	NA	M 15 MANUFACTURING		42	MR. MAKABUL S. DESAI	R. MAKA
VV	NA Fit	Fit	21/02/2019			NA	NA	10 ENGG.	Σ	38	MR. VEERPRAKASH J. FUTANE	R. VEERP
VV	NA Fit	Fit	21/02/2019			NA	NA	08 CO-GEN.	M	41	MR. POPAT K. SALUNKHE	R. POPAT
Certifying Surgeon  If Certificate of unfitness or suspention issued to worker Signature with gate certifying surgeon.	If suspended from work, state period of suspension with detailed reasons Certified fit to resume duty on with signature of	Result of Medical Examination	Exam. Date	Raw material or by	Vature of job or occupation	Reason for leaving Transfer of dischar	Date of leaving or transfer to other wo	Dept of present work	xəs	əgA	Изте	

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## Form No 7 (Prescribed under Rule 18 (17))

## FER

9/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) pany Name:

H	19	
GIS	To	
TH REGIST	From: 20/02/2019 To 19	
HEALTH	From:	

Signature with gate of certifying surgeon.																			्राध्य (८)	<u></u>
If Certificate of unfitness or suspention issued to worker	NA A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	No.	NA	NA	SKINWAN 90	हापूर जिल्हाकरिता
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	挹	Fit	Fit	<b>(</b>	公司	E	वास्तवाने आधिनिमम १९४८ च्यापक्रवान १०(३) प्रमाण	कोल्हापूर ह
If suspended from work, state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	क्रम्बन् अ	10
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	莊	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	NA	
Exam. Date	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	
Raw material or bye product handled																				
Vature of job or occupation																				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of employement of present work	22 VEHICLE	10 ENGG.	19 SECURITY	19 SECURITY	06 CANEYA.	03 AGRI	21 SUGAR G.	M 15 MANUFACTURING	M 15 MANUFACTURING	M 15 MANUFACTURING	M 15 MANUFACTURING	M 15 MANUFACTURING	11E.T.P.	11 E. T. P.	02 ADMIN.	19 SECURITY	19 SECURITY	10 ENGG.	M 15 MANUFACTURING	
хәѕ	Σ	Σ	Z	Σ	Z	Z	Z	Z	Z	Σ	M	M	M	Z	M	Z	M	Σ	M	
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Jame	MR. SATISH A. PARIT	MR. NAVEED S. DANAWADE	MR. BALASO V. PARIT	MR. DILIP T. KAMBLE	MR. AMOL R. MANE-GAVDE	MR. RANJIT S. KOLEKAR	MR. TUSHAR T. NIKAM	MR. SANDIP M. GAIKWAD	MR. BAJIRAO S. BHALE	MR. SATISH D. VALWADE	MR. ASHOK A. SHINDE	MR. AMOL R. HUJARE	MR. CHANDRAKANT B. BIRANAGE	MR. VILAS R. BALE	MR. SANDEEP B. GAIKWAD	MR. SANJAY T. PATIL	MR. SIKANDAR D. FARAS	MR. YASHWANT A. JADHAV	MR. MALGONDA B. PATIL	,
Ешр. Ио.	606000	000912	000928	000030	000935	000937	000033	0000940	000941	000942	000943	000944	000952	000954	<i>L</i> 96000	000974	926000	726000	186000	

那. ACS 15-AM/2016

Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) oany Name:

Age x9S	32 M 15 M	32 M 15 M	28 M	32 M	28 M 0	38 M 15 M	42 M 15 M	36 M 15 M	54 M 1	SS M 1	31 M I	S6 M 1	29 M	43 M	34 M	. 42 M 19	26 M 19	34 M 15 MA	S7 M	
present work  Dept of	M 15 MANUFACTURING	M 15 MANUFACTURING	06 CANEYA.	06 CANEYA.	01 ACCOUNT	M 15 MANUFACTURING	15 MANUFACTURING	M 15 MANUFACTURING	19 SECURITY	19 SECURITY	19 SECURITY	19 SECURITY	10 ENGG.	20 STORE	10 ENGG.	19 SECURITY	19 SECURITY	M 15 MANUFACTURING	10 ENGG.	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Reason for leaving Transfer of discharge Nature of job or	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
occupation Raw material or bye																				
product handled	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	
Result of Medical	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	9 Fit	) Fit	) Fit	
If suspended from work,state period of suspension with detailed reasons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	कारकाने अ	10
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	ij	Fit	湛	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	這(	為院	アルド	विनेक्स १९४८	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
If Certificate of unfitness or suspention issued to worker Signature with gate of certifying surgeon.	ΥN	NA AN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	T.	NA	कारेखाने अधिनियम १९५८ च्या क्रेसम १०(२) प्रमाणे	कोल्हापूर जिल्हाकरिया

那. ACS 15-AM/2016

प्राधिकृत प्रमाणकशल्यविकित्सक 那. ACS 15-AM/2016

Form No 7 (Prescribed under Rule 18 (17))

REGISTER HEALTH From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai)

DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) npany Name:

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1000043   NR RAMESH K KAMBLE   1000043   NR CASTRAILE   1000044   NR SANDIP R KINOT   1000044   NR SANDIP R KAMBEL   1000044   NR SA		Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
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No.	employement of	10 ENGG.	07 CIVIL	07 CIVIL	07 CIVIL		15 MANUFACTURING	15 MANUFACTURING		08 CO-GEN.	18 SANITARY	18 SANITARY	18 SANITARY	08 CO-GEN.	10 ENGG.	04 BIOFERTI.	10 ENGG.	18 SANITARY	15 MANUFACTURING	07 CIVIL	
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Emp. No. 151. No. 151	Лате	MR, GORAKHNATH P. NIRMALE	MR. BAJIRAO I. SHEDBALE	MR. SHIVAJI B. KHOT	MR. NETAJI H. KHOT	MR. NANASO S, KAMBLE	MR. YOGESH K. KAMBLE	MR. KIRAN S. CHIGARE	MR. MAHAVIR A. BIRANGE	MR. SANDIP R. KHOT	SMT. MUKTABAIS. BIRANGE	SOU. SAOUBAI A. BIRANGE	SMT. USHATAI S. KAMBLE	MR. RAMESH K. KAMBLE	MR. SUNIL S. NIRMALE	MR. APPASO S. MAGDUM	MR. ANANDA S. KUMBHAR	SOU. KASTURI P. KAMBLE	MR. SRIKANT P. BIRANGE	MR. SANDIP D. SUTAR	•
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Form No 7 (Prescribed under Rule 18 (17))
HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

Certifying Surgeon DR.ARVIND MANE MBBS DPH AFIH.(Mumbai)

Trom: 20/02/2019		
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Лате	MR. YOGESH G. KAMBLE	MR. RANJIT R. PATIL	MR. ASHOK B. PATIL	MR. DIPAK N. SANKPAL	MR. VAIBHAV S. PATIL	MR. SHIVAJI R. KOLI	MR. PRAKASH S. BADANIKAI	MR. SHIVAJI D. POWAR	MR. VAIBHAV N. CHANDORA	MR. SUBHASH R. JADHAV	MR. SUHAS D. MAGDITM	MR SANTOGH 4 PIE 1900	on A. BIKANGE	MR. BALASAHEB V. BANDAGAR	MR. ARVIND S. PATIL	MR. RAMDAS A. BIRANGE	MR. VITTHAL G. NIRMALE	MR. AJIT D. NIRMALE	MR. GOPICHAND J. BHANDARE	MR. VINAYAK Y. KUMBHAR		
Emp. No.	001053 M	001054 MI	001056 MF	001057 MR	001063 MR	001066 MR	001068 MR.	001069 MR.	001070 MR.	001071 MR.	001079 MR. S								001086 MR. GC	001087 MR. VIP		Page 16 of 28

DR.ARVIND MANE

## Form No 7 (Prescribed under Rule 18 (17))

From: 20/02/2019 To 19/02/2020

SHRI GURUDATT SUGARS LTD. (COMPANY)

npany Name:

Sr. No.

HEALTH REGISTER

MBBS DPH AFIH.(Mumbai)

					T -			1			1	_			T	-		_	1	
Signature with gate or certifying surgeon.																			u (c)06	反反
If Certificate of unfitness or suspention issued to worker	1	VV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	(A)	NA	82 EXT BOOK	िर्ण्हाकारिता
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	ON THE	No.	अधिमियम १९४८ स्ट्री कलम १०(२)	कोल्हामू
If suspended from work, state period of suspension with detailed reasons	NA	AN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NATIVEEN	
Result of Medical Examination	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
Ехат. Date	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	20/02/2019	
Raw material or bye																				
Nature of job or occupation																-1				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dept of employement of present work	10 ENGG.	20 STORE	10 ENGG.	07 CIVIL	20 STORE	07 CIVIL	08 CO-GEN.	07 CIVIL	07 CIVIL	07 CIVIL	08 CO-GEN.	08 CO-GEN.	08 CO-GEN.	10 ENGG.	10 ENGG.	18 SANITARY	05 CANE D.	07 CIVIL	07 CIVIL	
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部. ACS 15-AM/2016

DR.ARVIND MANE Certifying Surgeon

Form No 7 (Prescribed under Rule 18 (17))

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai)

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## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

Certifying Surgeon
DR.ARVIND MANE
MBBS DPH AFIH.(Mumbai)

apany Name: SHRI GURUDATT SUGARS LTD. (COMPANY)

Sr. No.

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प्राधिकृत प्रमाणकशान्यविकित्सक क्र. ACS 15-AM/2016

## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

Certifying Surgeon
DR.ARVIND MANE
MBBS DPH AFIH.(Mumbai)

pany Name: SHRI GURUDATT SUGARS LTD. (COMPANY)

Sr. No.

अर्थाने अधिनिष्य १९४८ च्या कलम १०(२) प्रमाणे certifying surgeon. Signature with gate of कोल्हापुर जिल्हाकरिता WOTKer suspention issued to X NA NA NA ž NA unfitness or If Certificate of Certifying Surgeon to enutangiz E Fit Fit Fit Fit Fit Fit Fit Fit Fit Εij Fit Ε̈́ Fit Εï resume duty on with Certified fit to detailed reasons suspension with NA work, state period of If suspended from Examination Fit Ξ Fit Fit 芸 E Fit 芸 Ε̈́ Fit Ε̈́ Fit Fit Fit Eit Fit Fit Fit Fit Result of Medical 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 Exam. Date product handled Raw material or bye occupation Nature of job or Transfer of discharge NA Reason for leaving NA NA NA NA transfer to other work NA Date of leaving or 15 MANUFACTURING 15 MANUFACTURING 15 MANUFACTURING 06 CANEYA 23 W. T. P. 08 CO-GEN 08 CO-GEN 13 GUEST H. 08 CO-GEN 08 CO-GEN 08 CO-GEN 05 CANE D. 14 H.R.D. 10 ENGG 10 ENGG 22 VEHIC 23 W. T. I present work employement of Dept of Z Σ xəs Σ Σ Σ  $\mathbf{Z}$ Σ  $\mathbf{z}$ Σ Z Σ Z Z Z Σ  $\mathbf{Z}$  $\mathbf{Z}$  $\mathbf{Z}$ Σ ∍gA 36 30 36 33 37 35 32 37 36 33 36 42 29 33 34 57 33 20 34 MR. DHONDIRAM R. CHAVARE MR. MAHANTESH V. UMARAN MR. SANGRAM B. GHORPADE MR. SANTOSH S. HINGMIRE MR. KRISHNAJI P. MALLEW MR. DIGVIJAY M. KAMBLE MR. SANTOSH K. KAMBLE MR. RAMESH S. MATHPAT MR. GOPAL S. BHANDARE MR. UTTAM L. KARNALE MR. YUNUS M. KUDACHE MR. SANTOSH S. NAGAYI MR. SANJAY B. CHOPADE Иате MR. SAMBHAJI B. DUBAL MR. SHEKHAR S. PARIT MR. SAGAR S. JUGALE MR. RIYAJ G. SANADI MR. AMOL A. NIRMAL MR. PRAVIN S. PATIL 001156 001157 001158 001151 001152 001153 001154 001160 001165 001166 001168 001176 001170 001172 001173 001177 001179 Emp. No.

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प्राधिकृत प्रमाणकशल्यविकित्स**क** क्र. ACS 15-AM/2016

## Form No 7 (Prescribed under Rule 18 (17))

HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

Certifying Surgeon
DR.ARVIND MANE
MBBS DPH AFIH.(Mumbai)

pany Name: SHRI GURUDATT SUGARS LTD. (COMPANY)

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**那. ACS 15-AM/2016** 

## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

10/02/2000 To 10/02/2000

MBBS DPH AFIH.(Mumbai)

DR.ARVIND MANE

Certifying Surgeon

From: 20/02/2019 To 19/02/2020

SHRI GURUDATT SUGARS LTD. (COMPANY)

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## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

> SHRI GURUDATT SUGARS LTD. (COMPANY) cany Name:

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NA         NA         21/02/2019         Fit         NA         Fit           40         M         20 STORE         NA         NA         NA         Fit         NA         Fit           50         M         20 STORE         NA         NA         NA         Fit         NA         Fit           50         M         20 STORE         NA         NA         NA         21/02/2019         Fit         NA         Fit           51         M         10 ENGG-GEN.         NA         NA         NA         21/02/2019         Fit         NA         Fit           52         M         10 ENGG-GEN.         NA         NA         NA         21/02/2019         Fit         NA         Fit           54         M         10 ENGG-GEN.         <td< td=""><td>27         M         08 CO-GEN.         NA         NA         NA         Fit         NA         Fit           27         M         23 W. T. P.         NA         NA         NA         PA         Fit         NA         Fit           28         M         23 W. T. P.         NA         NA         NA         PA         Fit         NA         Fit           29         M         15 MANUFACTURING         NA         NA         NA         PR         PR<!--</td--><td>27         M         08 CO-GEN.         NA         NA         NA         Fit         NA         Fit           27         M         23 W. T. P.         NA         NA         NA         Fit         NA         Fit           39         M         23 W. T. P.         NA         NA         NA         Fit         NA         Fit           40         M         5 M         3 W. T. P.         NA         NA         21/02/2019         Fit         NA         Fit           40         M         5 M         3 W. T. P.         NA         NA         21/02/2019         Fit         NA         Fit           5         M         5 M         5 STORE         NA         NA         NA         Fit         NA         Fit           5         M         5 M         5 O STORE         NA         NA         NA         5 I/02/2019         Fit         NA         Fit           5         M         10 ENGG.         NA         NA         NA         21/02/2019         Fit         NA         Fit           5         M         10 ENGG.         NA         NA         NA         NA         1/02/2019         Fit         NA         &lt;</td><td>27         M         O8 CO-GEN.         NA         NA         NA         Fit         NA         Fit</td><td>27         M         08 CO-GEN.         NA         NA         Pin         NA         Fit         NA</td></td></td<></td></t<>	27         M         08 CO-GEN.         NA         NA         Pit         NA         Fit           23         M         23 W.T.P.         NA         NA         21/02/2019         Fit         NA         Fit           39         M         23 W.T.P.         NA         NA         21/02/2019         Fit         NA         Fit           30         M         53 W.T.P.         NA         NA         21/02/2019         Fit         NA         Fit           40         M         20 STORE         NA         NA         NA         Fit         NA         Fit           50         M         20 STORE         NA         NA         NA         Fit         NA         Fit           50         M         20 STORE         NA         NA         NA         21/02/2019         Fit         NA         Fit           51         M         10 ENGG-GEN.         NA         NA         NA         21/02/2019         Fit         NA         Fit           52         M         10 ENGG-GEN.         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NA         NA         NA         Fit         NA         Fit           27         M         23 W. T. P.         NA         NA         NA         PA         Fit         NA         Fit           28         M         23 W. T. P.         NA         NA         NA         PA         Fit         NA         Fit           29         M         15 MANUFACTURING         NA         NA         NA         PR         PR </td <td>27         M         08 CO-GEN.         NA         NA         NA         Fit         NA         Fit           27         M         23 W. T. P.         NA         NA         NA         Fit         NA         Fit           39         M         23 W. T. P.         NA         NA         NA         Fit         NA         Fit           40         M         5 M         3 W. T. P.         NA         NA         21/02/2019         Fit         NA         Fit           40         M         5 M         3 W. T. P.         NA         NA         21/02/2019         Fit         NA         Fit           5         M         5 M         5 STORE         NA         NA         NA         Fit         NA         Fit           5         M         5 M         5 O STORE         NA         NA         NA         5 I/02/2019         Fit         NA         Fit           5         M         10 ENGG.         NA         NA         NA         21/02/2019         Fit         NA         Fit           5         M         10 ENGG.         NA         NA         NA         NA         1/02/2019         Fit         NA         &lt;</td> <td>27         M         O8 CO-GEN.         NA         NA         NA         Fit         NA         Fit</td> <td>27         M         08 CO-GEN.         NA         NA         Pin         NA         Fit         NA</td>	27         M         08 CO-GEN.         NA         NA         NA         Fit         NA         Fit           27         M         23 W. T. P.         NA         NA         NA         Fit         NA         Fit           39         M         23 W. T. P.         NA         NA         NA         Fit         NA         Fit           40         M         5 M         3 W. T. P.         NA         NA         21/02/2019         Fit         NA         Fit           40         M         5 M         3 W. T. P.         NA         NA         21/02/2019         Fit         NA         Fit           5         M         5 M         5 STORE         NA         NA         NA         Fit         NA         Fit           5         M         5 M         5 O STORE         NA         NA         NA         5 I/02/2019         Fit         NA         Fit           5         M         10 ENGG.         NA         NA         NA         21/02/2019         Fit         NA         Fit           5         M         10 ENGG.         NA         NA         NA         NA         1/02/2019         Fit         NA         <	27         M         O8 CO-GEN.         NA         NA         NA         Fit         NA         Fit	27         M         08 CO-GEN.         NA         NA         Pin         NA         Fit         NA

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प्राधिकृत प्रमाणकशाल्याचिकित्सक

那. ACS 15-AW/2016

## Form No 7 (Prescribed under Rule 18 (17)) HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

# SHRI GURUDATT SUGARS LTD. (COMPANY) pany Name:

Signature with gate of certifying surgeon.																			१०(२) प्रमाणे	E
If Certificate of unfitness or suspention issued to worker	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<b>A</b>	¥ }	NA	८ च्या कलम	िल्हाकरि
Certified fit to resume duty on with signature of Certifying Surgeon	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	莊	Fit	Fit	£	Service Services	J.	अधिनियम १९४८ च्या कलम १०(२) प्रमाणे	कोल्हापूर जिल्हाकारिता
If suspended from work, state period of suspension with detailed reasons	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	क्रमखाने	(
Result of Medical Examination	Fit	Fit	Fit	Fit	NA	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	Fit	
Ехат. Date	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	21/02/2019	
Raw material or bye product handled																				
Nature of job or occupation																				
Reason for leaving Transfer of discharge	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Date of leaving or transfer to other work	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
present work Employement of Dept of	09 E.D.P.	10 ENGG.	09 E.D.P.	10 ENGG.	07 CIVIL	M 15 MANUFACTURING	20 STORE	08 CO-GEN.	M 15 MANUFACTURING	M 15 MANUFACTURING	10 ENGG.	20 STORE	23 W. T. P.	24 DISTILL.	10 ENGG.	M 15 MANUFACTURING	M 15 MANUFACTURING	08 CO-GEN.	15 MANUFACTURING	
əgA xə2	Z	Σ	Σ	Z	Σ	-	Σ	Σ	-	-	×	×	M	×	Z			Σ	Z	
en v	31	51	27	47	32	38	43	33	29	30	32	29	27	39	31	37	40	39	28	
Лате	MR. ABHIJIT M. GAIKWAD	MR. GIRIDHAR B. SAHASTRABUDDHE	MR. VIKAS P. PATIL	MR. SUBHASH B. JUGALE	MR. BAPU A. CHAVAN	MR. SHRISHAIL M. AMBI	MR. MEHBOOB D. JAMADAR	MR. PRADIP S. NAIK	MR. SACHIN S. PATIL	MR. SUDHIR M. PATOLE	MR. GAJANAN M. BHATLE	MR. PRASAD M. CHOUGULE	MR. SALMAN I. BAIRAGDAR	MR. SANTOSH R. DHANAVADE	MR. SANDEEP B. KHARAT	MR. VIJAYSINH A. BHOSALE	MR. MAHADEO D. NANAWARE	MR. DIPAK V. MANGALE	MR. BABU S. KOTABAGI	
Ешр. Ио.	001293 N	001294 M	001295 M	001296 M	M 001297 M	M 001298 M	M 001299 M	001300 M	001301 M	001302 M	001303 M	001304 M	001305 M	001306 M	001307 M	001309 M	001310 M	001311 M	001312 M	

# Form No 7 (Prescribed under Rule 18 (17))

REGISTER HEALTH

MBBS DPH AFIH.(Mumbai)

Certifying Surgeon DR.ARVIND MANE

> To 19/02/2020 From: 20/02/2019

SHRI GURUDATT SUGARS LTD. (COMPANY) pany Name

Sr. No.

कार्रक्षाने आधिनियमं पे९४८ च्या क्रेसेन १०(२) प्रमाणे certifying surgeon. Signature with gate of worker कोल्हापूर जिल्हाकरिता snebention issued to NA NA NA NA NA NA NA NA NA Ä NA NA NA NA NA A unfitness or If Certificate of Certifying Surgeon To entire of Εï Fit Fit Fit Fit Fit Εï Fit Fit Fit Fit Fit Fit Fit resume duty on with Certified fit to detailed reasons suspension with NA work, state period of If suspended from Examination Fit Fit Fit Fit Fit Fit Fit Εŧ Fit Fit Fit Fit Fit Fit Ε̈́ Ε̈́ Fit Fit Fit Result of Medical 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 Exam. Date product handled Raw material or bye occupation Nature of job or Transfer of discharge NA Reason for leaving NA transfer to other work NA NA Date of leaving or 15 MANUFACTURING 15 MANUFACTURING 15 MANUFACTURING 15 MANUFACTURING 15 MANUFACTURING 21 SUGAR G. 18 SANITARY 21 SUGAR G. 21 SUGAR G. 20 STORE 10 ENGG. 10 ENGG. 10 ENGG. 10 ENGG. 20 STORE 10 ENGG. 10 ENGG. 09 E.D.P. 10 ENGG present work employement of Dept of Z Σ Z  $\mathbf{z}$  $\geq$ Z Z Z  $\mathbb{Z}$ M Z Z  $\mathbf{z}$  $\mathbf{Z}$  $\mathbb{Z}$ Σ  $\mathbb{Z}$  $\geq$ ∍gA 28 35 34 29 38 30 34 34 33 38 42 54 28 46 32 38 51 31 31 MR. HALAPPA B. SURYAVANSHI MR. BAHUBALI M. SOUNDATTE MR. PRAKASH B. MALEKARI MR. NISHIKANT D. KURADE MR. RAMCHANDRA R. AMBI MR. MARUTI D. KATTIKAR MR. DATTATRAY T. PATII MR. SUNIL R. PATTEKAR MR. VILAS D. GAIKWAD Лате MR. DIPAK R. KAMBLE MR. PRADIP M. SHINDE MR. KUMAR A. ADUKE MR. SUNIL V. LATTHE MR. RAJAN S. VALVE MR. TEJPAL A. GANE MR. SACHIN A. KHOT MR. LALASO P. PATII MR. UDAY A. PATII MR. ARIF R. DESAI 001314 005103 005105 005082 005083 980500 005087 960500 005112 005071 770500 005091 005094 005097 860200 Emp. No.

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प्राधिकृत प्रमाणकशल्यांचिकलाक 夢. ACS 15-AM/2016

# Form No 7 (Prescribed under Rule 18 (17))

HEALTH REGISTER

From: 20/02/2019 To 19/02/2020

MBBS DPH AFIH.(Mumbai) DR.ARVIND MANE Certifying Surgeon

Hinp. No.   Hinp. No.   Hinp. No.   Hinp. No.   Hinp. No.   No.   Hinp. No.   Hinp. No.   Hinp. No.   Hinp. No.   Hinp. No.   No.   Hinp. No.   Hinp. No.   No.   Hinp.   Hinp. No.   Hi	Oate of leaving or ransfer to other work  Reason for leaving				J		
MR. SAGAR M. POWAR 30 M MR. SAGAR V. YADAV 32 M MR. SHAMRAO R. MIRJE 47 M MR. GIRTIPAD D. BORGAVE 47 M	1	Transfer of disched at the configuration or Cocupation Raw material or Raw material or Raw material or Configuration or Confi	product handled	Result of Medical Examination	If suspended from work, state period or suspension with detailed reasons	Certified fit to resume duty on with signature of Certifying Surgeon	If Certificate of unfiness or suspention issued to worker Signature with gate of certifying surgeon.
MR. SAGAR V. YADAV 32 M MR. SHAMRAO R. MIRJE 47 M MR. GIRTIPAD D. BORGAVE 47 M	1	4	21/02/2019	)19 Fit	NA	Fit	NA
MR. SHAMRAO R. MIRJE  MR. GIRITDAD BORGAVE  47 M	NA NA	4	21/02/2019	)19 Fit	NA	Fit	NA
MR GIRITPAD D BORGAVE 47 M	NA NA	4	22/02/2019	)19 Fit	NA	Fit	NA
	NA	NA	22/02/2019	319 Fit	NA	Fit	NA
	NA	NA	22/02/2019	319 Fit	NA	Fit	NA
	NA	NA	22/02/2019	019 Fit	NA	Fit	NA
	NA	NA	22/02/2019	019 Fit	NA	Fit	NA
	NA	NA	22/02/2019	019 Fit	NA	Fit	NA
	NA	NA	22/02/2019	019 Fit	NA	Fit	NA
	NA N	NA	22/02/2019	019 Fit	NA	Fit	NA
	NA	NA	22/02/2019	019 Fit	NA	Fit	NA
	NA	NA	22/02/2019		NA	Fit	NA
	NA	NA	22/02/2019	019 Fit	NA	Fit	NA
	NA	NA	22/02/2019		NA	Fit	NA
005150 MR. DADASO B. KAGALE 36 M 15 MANUFACTURING	NA	NA	22/02/2019		NA	Fit	NA :
005152 MR. SAYYADALI I. MAKANDAR 38 M 15 MANUFACTURING	NA	NA	22/02/2019		NA	£ ()	AZ G
005154 MR. SAGAR M. LOLSURE 32 M 15 MANUFACTURING	NA	NA	22/02/2019			M	
005155 MR. RAJENDRAKUMAR S. NIRMALE 31 M 15 MANUFACTURING	NA	NA	22/02/2019	1019 Fit	NA		Q <sub>N</sub> A
	NA	NA	21/02/2019	2019 Fit		अधिनियम् १	केरिखाने अधिनिधिम १९४८ च्यो केलम १०(२) प्रमाणे
						कोल्हापू	कोल्हापूर जिल्हाकरिता

### Form No 7 (Prescribed under Rule 18 (17)) REGISTER HEALTH

To 19/02/2020 From: 20/02/2019

SHRI GURUDATT SUGARS LTD. (COMPANY)

pany Name:

Sr. No.

MBBS DPH AFIH.(Mumbai)

DR.ARVIND MANE Certifying Surgeon

प्रमाण (१)०४ क्रिक क्रिक विश्वास विश्वास विश्वास certifying surgeon. कोल्हापूर जिल्हाकरिता Signature with gate of worker suspention issued to NA unfitness or If Certificate of Certifying Surgeon to enurangiz Ë Fit Ε̈́ Fit Ε̈́ Fit Ε̈́ Fit Fit Εïτ Fit Fit Fit Fit resume duty on with Certified fit to detailed reasons suspension with NA work, state period of If suspended from Examination Fit Fit Ĕ Fit Fit E Ε̈́ Fit Fit Fit Fit Fit Ε̈́ Fit Fit 莊 Fit Fit Ξ Result of Medical 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 21/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 Exam. Date product handled Raw material or bye occupation Nature of job or Transfer of discharge NA Reason for leaving NA transfer to other work NA NA NA NA NA NA NA NA NA Date of leaving or 15 MANUFACTURING 15 MANUFACTURING 15 MANUFACTURING M 15 MANUFACTURING 15 MANUFACTURING 15 MANUFACTURING 15 MANUFACTURING M IS MANUFACTURING 15 MANUFACTURING M 15 MANUFACTURING M 15 MANUFACTURING 18 SANITARY 01 ACCOUNT 04 BIOFERTI 08 CO-GEN 08 CO-GEN 10 ENGG. 10 ENGG. 07 CIVIL present work employement of Dept of M × Z Σ × Z M M Z zəs Σ Z Σ M Σ əgA 35 39 29 29 33 56 29 27 20 59 32 35 27 29 29 30 46 28 MR. BIRDEV S. BANDAGAR MR. RAVINDRA B. UMRANI MR. TUKARAM M. PAKHRE MR. GAJANAN Y. KAMATE MR. SHANKAR R. KHARPI MR. BALASO K. SANKPA MR. PRAMOD C. KADAN MR. RAFIQ N. JAMADAR Иате MR. ARIF D. DANVADE MR. AVADHUT D. KOLI MR. DADASO R. GASTE MR. AVINASH S. PATII MR. ROHIT G. PAGADE MR. SANTOSH V. KOL MR. SAGAR D. KHOT MR. SURESH I. MIRJE MR. UMESH A. PATIL MR. SUNIL D. KOLI MR. ARJUN A. KOLI 005172 005178 005173 005179 005190 005180 005181 005183 005184 005187 005188 005185 005193 005194 Emp. No.

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प्राधकृत प्रमाणकशल्याचिकित्सव \$ ACS 15-AM/2016

# Form No 7 (Prescribed under Rule 18 (17))

## REGISTER HEALTH

SHRI GURUDATT SUGARS LTD. (COMPANY)

pany Name:

To 19/02/2020 From: 20/02/2019

MBBS DPH AFIH.(Mumbai)

DR.ARVIND MANE Certifying Surgeon

कारखाने अधिनियम १९४८ च्या कलम १०(२) प्रमाणे certifying surgeon. प्राधिकृत प्रमाणकशल्यविकित्सक Signature with gate of कोल्हापूर जिल्हाकरिता 36. ACS 15-AM/2016 **MOTKET** suspention issued to NA unfitness or If Certificate of Certifying Surgeon To enutengiz Fit resume duty on with Oertified fit to detailed reasons suspension with NA work, state period of If suspended from Examination Fit Fit Fit Fit Fit Fit E Ε̈́ Ε̈́ Eit Fit Fit Fit Ή Result of Medical 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 22/02/2019 Exam. Date broduct handled Raw material or bye occupation Nature of job or Transfer of discharge NA Reason for leaving NA transfer to other work Date of leaving or M 15 MANUFACTURING M 15 MANUFACTURING **18 SANITARY** 22 VEHICLE 06 CANEYA. 10 ENGG. 07 CIVIL 07 CIVIL 07 CIVIL 07 CIVIL present work 1 employement of Dept of Z M Z  $\mathbf{Z}$ Σ Σ  $\mathbf{z}$ xəs Z  $\Xi$  $\Sigma$  $\mathbf{Z}$ Z ∍gA 28 37 36 26 45 37 52 34 32 26 30 29 30 27 0 MR. CHANDRAKANT D. GAIKWAD MR. RAMCHANDRA G. DABHDE MR. ASHISH B. BHANDARE MR. ANILSING M. RAJPUT MR. BACHARAM K. PATII MR. SIDDHA B. SALGARE MR. NEMINATH A. KOTE MR. VASANT B. LATKAR MR. SOPAN V. NIRMALE Лате MR. MANGESH V. PATIL MR. DIPAK S. KAIKADI MR. SANTOSH P. KOLI MR. KIRAN R. NIRMAL MR. KEDARI V. MANE 005200 005208 005195 005197 005199 005209 005210 005213 005214 005217 005211 Emp. No.

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### Maharashtra Pollution Control Board

### महाराष्ट्र प्रदूषण नियंत्रण मंडळ

### **FORM V**

**Environmental Audit Report for the financial Year ending the 31st March 2020** 

**Unique Application Number** 

MPCB-ENVIRONMENT\_STATEMENT-0000023461

**Company Information** 

**Company Name** 

Shri Gurudatt Sugars Ltd

**Address** 

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

Plot no

Gat No 61/A

Capital Investment (In lakhs)

24598.27

Pincode

**Telephone Number** 

7350799494

Region

SRO-Kolhapur

Last Environmental statement submitted online

**Consent Valid Upto** 

31.07.2022

Application UAN number

MPCB-CONSENT-0000072465

Taluka

Shirol Akiwat -Takaliwadi Road

Scale City
L.S.I Kolhapur

Person Name Designation

Mr. Rahul Madhavrao Ghatage Executive Director

Fax Number Email

0231-2686000 gslsugars.env@gmail.com

Submitted Date

Village

09-04-2020

Industry Category Industry Type

Red R12 Sugar ( excluding Khandsari)

Consent Number Consent Issue Date

MPCB-CONSENT-0000072465 02.01.2020

Product Name	Consent Quantity	Actual Quantity	UOM
Sugar	259200	79547	MT/A
Molasses	87816	27448.170	MT/A
Press Mud	87816	26210	MT/A
Bagasse	648000	177573	MT/A
Electric Power (Cogeneration)	21	19.097	Mwh

### **By-product Information**

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	CMD

### 1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	1100	1070
Cooling	475	475
Domestic	60	48

All others	0		0	
Total	1635		1593	
1) Effluent Generation in CMD / MLD				
Particulars		<b>Consent Quantity</b>	<b>Actual Quantity</b>	UOM
Daily Quantity of Trade Effluent from the Factory		518	371	CMD
2) Product Wise Process Water Consumption	(cubic meter of			
process water per unit of product) Name of Products (Production)		During the Previo	ous During the curren Financial year	nt UOM
Sugar (excluding Khandsari)		0.78	0.77	MT/A
3) Raw Material Consumption (Consumption	of raw			
material per unit of product) Name of Raw Materials	Durina	the Previous financial	During the current Fina	ncial UOM
Name of Naw Materials	Year	the Frevious illiantial	year	iliciai oon
Sugar Cane	759441		663818	MT/A
Lime	129104	.97	112849.06	MT/A
Sulphure	34174.8	45	29871.81	MT/A
4) Fuel Consumption				
Fuel Name	Consent quantit	y Actu	al Quantity	UOM
	1147992	8880		

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	1147992	888000	

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

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	15.31	0	0	0	0
COD	33.51	0	0	0	0
BOD	12.37	0	0	0	0
Suspended Solids	11.31	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		
	Quantity	Concentration	%variation	Standard	Reason
Total Particulate Matter	431.42	56.31	0	0	0

HAZARDOUS WASTES			
1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	0.55	0.48	MT/A

2) From Ponution Contr	oi raciiilles		
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	0.221	0.210	MT/A

### **SOLID WASTES**

### 1) From Process

Non Hazardous Waste Type Total During Previous Financial year Total During Current Financial year иом Boiler Ash 3161.82 2841.168 MT/A

### 2) From Pollution Control Facilities

Non Hazardous Waste Type **Total During Previous Financial year Total During Current Financial year UOM** 0 0 Boiler Ash MT/A

### 3) Quantity Recycled or Re-utilized within the unit

Waste Type **Total During Previous** Total During Current Financial UOM Financial year year 5.1 Used /spent oil 0.221 0.210 MT/A

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

5.1 Used /spent oil 0.21 MT/A 0.21

### 2) Solid Waste

Concentration of Solid Waste Type of Solid Waste Generated **Qty of Solid Waste** UOM Boiler Ash 2841.168 2841.168 MT/A

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 land irrigation.	75	167.4	531	4.01	1800000	147500

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**

**Environmental Protection** Capital Investment Measures (Lacks) Good House Keeping kept in a mfg plant as well as ETP massive tree Tree Plantation (Quantity 4250 Nos) 92 plantation done on available land.

### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection **Environmental Protection** Capital Investment (Lacks) Measures

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

Tree plantation (Quantity 500 Nos) 2.5

Any other particulars in respect of environmental protection and abatement of pollution.

### **Particulars**

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

### Name & Designation

Somnath Mahadev Kumbhar - Environment Officer

sgslt@sgslt.com



+91 231 2686086

### Certificates

Description	Start Date	End Date	File
Sugar-4900-to-6000-TCD-Six-Monthly-EC-Compliance-Report-Oct-2019-to-March-2020_compressed	11.04.2020		View (http://www.sgslt.com/wp- content/uploads/2020/04/Shri- Gurudatt- Sugars-Ltd- Sugar-4900-to- 6000-TCD Six-Monthly- EC- Compliance- Report-Oct- 2019-to-March- 2020_compressed.pdf)
Sugars-Ltd-13000-TCD-Six-Monthly-EC-Compliance-Report-Oct-2019-to- March-2020	11.04.2020		View (http://www.sgslt.com/wp- content/uploads/2020/04/Shri- Gurudatt- Sugars-Ltd- 13000-TCD Six-Monthly- EC- Compliance- Report-Oct- 2019-to-March- 2020.pdf)
ENVIRONMENTAL-STATEMENT-FOR-YEAR-2019-2020	11.04.2020		View (http://www.sgslt.com/wp- content/uploads/2020/04/ENVIRONMENT STATEMENT- FOR-YEAR- 2019-2020.pdf)
MPCB C to O Sugar 6000 TCD & Cogen 21 MW – Valid up to 31.07.2022	10.01.2020		View (http://www.sgslt.com/wp- content/uploads/2017/09/MPCB- C-to-O-Sugar- 6000-TCD- Cogen-21-MW- Valid-up-to- 31.07.2022.pdf)

301,34	iluuali Sugais i		
EC compliance for Sugar 13000 TCD, Cogen 90 MW & Distillery 150 KLPD – October 2019_compressed	01.10.2019		View (http://www.sgslt.com/wp- content/uploads/2019/10/EC- compliance- for-Sugar- 13000-TCD- Cogen-90-MW- Distillery-150- KLPD-October- 2019_compressed- 1.pdf)
EC Compliance Sugar 4900 to 6000 TCD and Co-gen 15 to 21 MW – October 2019_compressed	01.10.2019		View (http://www.sgslt.com/wp- content/uploads/2019/10/EC- Compliance- Sugar-4900-to- 6000-TCD- and-Co-gen- 15-to-21-MW- October- 2019_compressed.pdf)
Environmental Clearance copy for Sugar 6000 TCD to 13000 TCD, Cogen 21 to 90 MW, Distillery 150 KLPD, Refine Sugar 1755 TCD	07.06.2019		View (http://www.sgslt.com/wp- content/uploads/2019/07/gurudatt- EC.pdf)
Environmental Statement for Year 2018-2019	01.06.2019		View (http://www.sgslt.com/wp- content/uploads/2019/07/Env- Statement- May-2019.pdf)
Real Time Data Acquisition And Monitoring March-2019	03.03.2019	02.04.2019	View (http://www.sgslt.com/wp- content/uploads/2019/04/Real- Time-online- monitoring- data-March- 2019.pdf)
EC Compliance March 2019	15.03.2019		View (http://www.sgslt.com/wp- content/uploads/2019/03/EC- Copliance- Report-March- 2019.pdf)
Real Time Data Acquisition And Monitoring Feb-2019	31.01.2019	02.03.2019	View (http://www.sgslt.com/wp- content/uploads/2019/04/Online- monitoring- reading-Feb- 2019.pdf)
Real Time Data Acquisition And Monitoring	04.01.2019	03.02.2019	View (http://www.sgslt.com/wp- content/uploads/2019/02/sgslt- Online- Monitoring- System- Reading.pdf)
EC Compliance September 2018	05.09.2018		View (http://www.sgslt.com/wp- content/uploads/2017/09/6.pdf)
Environment Statement April 2017 to March 2018	10.04.2018		View (http://www.sgslt.com/wp- content/uploads/2017/09/5.pdf)
EC Compliance March 2018	17.03.2018		View (http://www.sgslt.com/wp- content/uploads/2017/09/4.pdf)

EC Compliance September 2017	25.09.2017	View (http://www.sgslt.com/wp- content/uploads/2017/09/3.pdf)
Environmental Statement 2016-17	06.04.2017	View (http://www.sgslt.com/wp- content/uploads/2017/09/2.pdf)
Environmental Clearance for Sugar 1100 TCD and Co-gen 6 MW letter	20.03.2017	View (http://www.sgslt.com/wp- content/uploads/2017/09/1.pdf)

### Keep in touch

SHRI GURUDATT SUGARS LTD. Takaliwadi- 416 108. Tal. Shirol, Dist. Kolhapur. Maharashtra state, India.

+91 231 2686086

+91 231 2686000

sgslt@sgslt.com

### **Social Links**



(https://www.facebook.com/gurudattsugar)



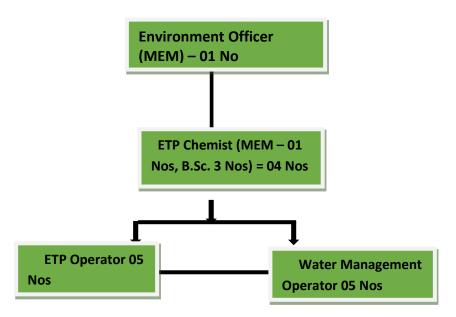
(https://twitter.com/Gurudatt\_Sugars)

### Drop us a line

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### SHRI GURUDATT SUGARS LTD., TAKALIWADI

**Environmental management cell** 



**Environmental Management Cell.** 

### **Expenditure on Environmental Matters**

The following shows Environmental Expenditures of Shri Gurudatt Sugar Ltd. Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi – 416108, Tal – Shirol, Dist – Kolhapur, Maharashtra.

### **Expenditure on Environmental Matters**

Sr. No.	Head	Capital cost per Annum (Rs. in Lacs)	2017 – 2018 (Rs. In Lacs)	<b>2018-2019</b> (Rs. In Lacs)	<b>2019-2020</b> (Rs. In Lacs)
1	Effluent Treatment Plant	200	6.36	3.12	13.22
2	Air Pollution Control	550	33	19	38
3	Condensate Facility	450	6.32	2.1	6.9
4	Tree Plantation	13.26	3.4	2.9	1.0
	Total	1213.26	49.08	27.12	59.10





5.0(9)



**EVE. HUNDRED** RUPEES

Rs. 500:

पाच्या राष्ट्र

ज्या हुलकार सर्व करते हैं है है है से स्वरदी केला त्यांनी त्थाचं कारणासाठी मुद्रांक खंदी कल्यापासून ६

महिन्यात वांघरणे वंधनकारक आहे

INDIAINONIUDICIAL

ETTE MAHARASHTRA - 0 2017 1 UICULIK MITCOTIMI. AESTA 30989 नोंदणी होणार असल्दाल दृष्यंग विष्ठुक हार्यालयाचे नांव :-चित्रासम जेत अपदत्त अगमिति टाकावीयाज है मिलद्रौ मोदा अ रक्षमः :-संदित आरे या विहासक मद्वांक दिया क्षेत्रकारे संख :-99001- 3221/28/92/96

0 9 OCT 2018

SUB - TREASURY OFFICER SHIROL

श्री. सुभाष आप्यासारे पाटील म.पो.दत्तवाड,ता.शिरोळ,जि.कोल्हापूर म.वि.प.क. १५/१९९४/ Code - 2512036

**AGREEMENT** (For non-Irrigation water supply)

An agreement made on the 15 th day of April Two thousand Mineteen Shri Gurudatt Sugars Ltd. Takaliwadi. Tal - Shirol, Dist. -Kolhapur. The users such as Private company/industries / Entrepreneur /Organization (which expression herein-after referred to as the company shall, unless excluded by or it be repugnant to the context or meaning thereof be deemed to include its successors and assigns) registered under the Indian Companies Act, 1913 (VII of 1913), the companies Act, 1956 (I of 1956) and having its registered office at 'Bhagyavijeta',18th Lane, Shirol Road, Jaysingpur herein-after referred to as 'the



**30.** 500



प्राप्ट स्मी रुपय

Rs. 500:

### SEINDIAENONEUDICIALE

1 2017 1 UICCIEIT CHITTOTH AE 430990

नोंदणी होणार असल्यास दुलाग दिवंतक कार्यालयाचे नांव :-

न्यस्तित जा अपत्त युगर्व कि. टाकलीवाडा.

भोबदला रहाय 😁 मुद्रांक । ने वेचार को संब :-

मिळवर्रै: र्जान --

High Mit II. RICIO

09 OCT 2018

SUB - TREASURY OFFICER

मुद्रां ू शर

अ/विनांक: - 3526/ 28/92/11

: कर्त्हो/दिवां**क** :-

.स खरदी केला त्यांनी

त्याचं शरकारा है पुत्राच खरेदी केल्यापासून ६

महिन्यात वाक े संधानवानक आहे.

SHIROL

थी. स्माय आप्यासारे पाटील

मु.पो.दत्तवाड,ता.शिरोळ,जि.कोल्हापूर

म्.वि.प.क. १५/१९९४/ Code - 2512036



एक सौ रुपये **Rs.** 100 ONE (D)(D)

### INDIA NON JUDICIAL

D 2018 € VICEBIC WITHIN TY 770911 नोंदणी हैं। भार खर यह द्वान दिसंबद्ध कार्यालयाचे नांव :-चोअरमन की असदल क्षांत हि दावाकीवर्जा मिळकड मोयदसा पहार --मुझाल हैं . करा इन करते स्थाय :-संदिप भारे हा सिर्ताल 9900/- 3520/25/92/96 क्रमांक 🖁 ..व १ वर्ग १८८ १८८ १९५५ ।--

भी. सुगाव आप्यासी पाटील मु.पो.दत्तवाड,ता.शिरोळ,जि.कोल्हापूर म्.चि.प.क. १५/१९९४/ Code - 2812036

14 6 OCT 2019

SHIROL

25-14367

ज्या कृतः है। क्या र ुव्य खरदा देला त्यांनी त्याध कैरनासाठी नुद्रांक अरेदी केल्यायासून ६

महिन्यात वापरजे यंधनकारक आहे.

company' of the one part and the Governor of Maharashtra hereinafter referred to as 'the Government' (which expression shall unless excluded by or it be repugnant to the context or meaning thereof be deemed to include his successors and assigns) of the other part.

Whereas the company is desirous of constructing a pumping station on the company's land at **Akiwat** for drawing water from the source **Krishna River** (Right Bank) (hereinafter referred to as "the said source") for the use by the company's **Shri Gurudatt Sugars Ltd.** Takaliwadi plant (hereinafter referred to as "the said plant") and laying underground and surface pipes and drains for discharge of the factory effluent.

AND whereas the company has applied to the Government for permission to draw  $\underline{254}$  million liters of water per day /year form the said source.

AND	whereas	the	company	has	paid	Rs-				
(Rupees_	A.					*		<b>/•</b>	)	to
Governmen	nt towards t	he pro	portional co	st of ca	apital or	utlay o	f the project.			

AND whereas the Government has agreed to grant the aforesaid permission to the company on the terms and conditions hereinafter appearing.

AND WHEREAS UNDER the said terms and conditions the company has to deposit with the Executive Engineer, Sangli, Irrigation Division Sangli to the government a sum of Rs.2,22,885/- as 'security' equivalent to 2 months company's probable annual water charges based on yearly sanctioned and as communicated In cash or In the form of fixed deposit receipt or a bank Guarantee issued by a scheduled / nationalized bank having it's main/branch office situated locally for the due observance and performance by the company of the terms and conditions of this Agreement AND WHEREAS the company has accordingly prior to the execution of these presents deposited with the Government Rs.2,22,885/-as security for the due observance and performance by the company of the terms and conditions herein contained; AND WHEREAS it has been agreed that the said amount will not carry any interest if deposited in cash.

### Definitions:

Quota : Quota means yearly demand sanctioned and communicated to

by the Executive Engineer.

Corporation: corporation means the River Basini corporations like Maharashtra Krishna valley Development corporation (MKVDC) Godavari Marathwada Irrigation Development corporation (GMIDC) Tapi Irrigation Development Corporation (TIDC), Konkan Irrigation Development Corporation (KIDC) & Vidarbha Irrigation Development Corporation (VIDC) municipal corporation's Municipalities etc.

MIDC: MIDC means Maharashtra Industrial Development Corporation.

MJP: MJP means Maharashtra jeeven Pradhikaran:

Yearly Applicable demand: yearly Applicable demand means the water demand communicated by the USER for the period from 1<sup>st</sup> November to 31<sup>st</sup> October to the Executive Engineer & sanctioned by Irrigation Department every year in the month of September along with its bifurcation for industrial domestic and agricultural use.

USER: User means water using agency like individual companies users/industry Entrepreneur.

### NOW THIS AGREEMENT WITNESSTH AS FOLLOWS:



1) a) In consideration of the company making payment to the Government as hereinafter specified and observing and performing the convenience and condition herein contained Government do hereby grants to the company permission to draw following quota of water for the specified purpose.

Sr. No.	Description/Use	Quantity {Million Liters per year}
1	Total sanctioned quota	0.162506
1.1	For Industry using potable water bottling plant	
1.2	For other than water as raw material Industrial use	0.098306
1.3	For domestic use	0.064200
1.4	For agricultural use (nursery/gardening) within the company's premises.	

And use the same for purpose of the company's said plant or project, for supply to residential colonies and for agricultural use (nursery / gardening) for a term of one years commencing from the 1st day of November 2018 on the following terms and conditions.

b) The quota assigned for domestic use for agricultural use shall not exceed 10% each of the individual water demand .in the cases where in the water used for Domestic and Agricultural use exceeds 10% in each case the excess use shall be charged at industrial applicable rate specified in clause 11 of this agreement.

c) The industrial water requirement the Domestic water requirement and agricultural (nursery /gardening) water requirement of the company as demanded deemed to be separate and Independent for the sole purpose and water charges assessment shall be accordingly separate and independent for the other clauses of this agreement.

- 2) The permission herby granted shall be subject to the provisions of the Maharashtra Irrigation Act 1976 and the Bombay canal Rules 1934 and subsequent revisions, if any, in force and any executive orders issued in this behalf by Government and any statutory amendment there of from time to time and for the time being in force.
- 3) Nothing herein contained shall be deemed to imply any guarantee on the part of the Government as to the availability or otherwise of any specific quantity of water and Government shall not be responsible for non-supply or in adequate supply of water on any account whatsoever.

However in case of inadequate or non-supply due to shortage of water or reason beyond the control of the Department, bill shall be charged as per actual quantity of water lifted /supplied during such period.

4) The company shall use the water drawn from the said river for purpose of the company's said plant and for supply to the residential colonies constructed by the company within the area of the said plant for providing housing to its employees and workers (hereinafter referred to as "the said residential colonies"). The company shall not sell the water from the said river to any other person, firm or company, corporation or other body. In the event of the company selling water drawn from the said river, then the Government without prejudice to its right will forthwith revoke the license government shall be entitled to recover form the company the proceeds of any such sale made by the company.



- 5) Government shall be entitled to utilize water of the said river available after meeting the reasonable requirements of the company; as to which matter the decision of the Government shall be final and binding on the company, for such purpose as Government deems fit.
- 6) The permission hereby granted shall not any manner prejudicially affect the existing water rights vested in the upstream riparian owners; not shall it in any way, prejudice Government right to here after launch or implement in public interest any new scheme or schemes on its own, on or in connection with the present source of channel of water supply available to the company, subject however to the safe-guarding of its reasonable demand referred to in clause (5) above.
- 7) The company shall not construct the pick-up weir in the Krishna river bed of the said river unless the proposals plans, drawing, specifications, estimates and all other details thereof are previously submitted to and approved in writing by an officer authorized in that behalf by the Government may conditions as it may in its discretion think fit.
- 8) a) For ascertaining the quantity of water drawn by the company, shall forthwith at its own cost and after obtaining prior approval in writing thereto of the Executive Engineer, Install Independent pipelines fitted with separate electronic water measuring devices for use of water for the said independent intention (hereinafter referred to as "the said electronic measuring devices") at such places as is

Indicated by the Executive Engineer. All the pipelines layout showing locations of the metering equipments from the said source for different purposes shall be got jointly verified and got approved from executive engineer. Irrigation Department. Layout from the said source shall be got approved from the Executive Engineer no changes in the approved layout shall be made without the prior written approval form the Executive Engineer. In the event of the company failing to install and keep in proper working order the said electronic measuring devices for use of the water for the said residential colonies as aforesaid the company shall be liable to pay for the full sanctioned water quota as mentioned in clause 8 (d) I and II. During such period 125% of the proportionate sanctioned quantity will charged at the preventing rates for the said plan. The said electronic measuring devices shall always be kept under the lock and seal of the Executive Engineer and the key of such lock shall all times, remain with the Executive Engineer. The company shall at all times, during the substance of this agreement at it's own cost maintain the said electronic measuring devices in proper working order and condition.

b)Reading for the water so drawn by the company will be taken on the said electronic measuring devices, on the 1<sup>st</sup> day of each month /at agreed times, jointly by the authorized representatives of Executive Engineer and of the company.

(c) If at any time in the opinion of the Executive Engineer the said electronic measuring devices are found defective, the same shall be tested for the accuracy and the cost of such testing shall be borne and paid by the company. If on such testing the said electronic measuring devices are found to be defective the company shall forthwith.

get the same repaired and set right at its own cost and in the event of the company failing to do so within 30(Thirty) days thereafter the Executive Engineer may proceed to do so on account and at the cost of the company.

d)In the event of the said electronic measuring devices going out of order and becoming defective the quantity of water drawn by the company during the period when the meter was defective and not working shall be ascertained in the following manner.

(i) If the said electronic measuring devices remain out of the order for a period of less than 30 days then the quantity of water deemed to be drawn by the <u>USER</u> during the said period

shall be taken to be 90% of the yearly sanctioned demand as communicated in clause No.11 or average for the last six months whichever is higher.

(ii) If the said electronic measuring devices remain out of order for a period exceeding 30 days then the quantity of water deemed to be drawn by USER during the said period shall be taken to be 110% of the yearly sanctioned demand as communicated in clause II or average for the last six months whichever is higher. This will be made applicable for the period during which the measuring devices remained out of order.

The aforesaid provisions will also apply when the quantity of water drawn by the company cannot be measured on account of removal of the said electronic measuring devices for repairs or the same in the opinion of the Executive Engineer not working properly.

- (iii) If electronic meter meant for domestic or for agricultural use is not fitted or remains out of order or is removed, the water charges will be levied as per the rates specified for the industrial use for the total quota as referred to in clause I (a) of this agreement.
- 9) Billing should be done on bimonthly basis. The bill for the water drawn by the company during the previous calendar month shall be sent in duplicate / triplicate by the Executive Engineer to the office of the company within 15 days after the end of the water consumption month. The company shall thereafter duly pay after the same by a demand draft drawn in the name of the Executive Engineer Sangli Irrigation Division Sangli. For and on behalf of the Government within fortnight from the date of receipt of the bill and shall not allow the same to fall in arrears. If the company fails to pay the amount within this stipulated time (15 days form the date of receipt of this bill i.e. before the end of the current month) extra charge not excluding 10% per annum of the amount due will charged. If the delay in payment of water charges exceeds six months, the irrigation department reserves the right to terminate the water supply with a notice of 15 days in advance.
- 10) The cost of all works in connection with the arrangements for water supply including the cost of measuring devices and its installation and maintenance, shall be borne by the company.
- 11) Subject to the provisions of clause (8) hereof, the company shall pay to the Government at the time and in the manner specified in clause (12) hereof water charges for the quantity of water drawn by the company from the said river as measured by the said electronic measuring devices at the following rates namely.

Here rates which are going to be applied to the company with mention of purpose of use of water sanctioned quota and present rate (subject to its revision) may be specified <u>The water lifted by the USER during rainy season from the river where irrigation Department has not released the water concessional rate as decided by irrigation Department shall be charged.</u>

- i) Provided however that after the expiry of two years from the date the company states drawing water from the said river if any quantity of water drawn by the company is less then 90% of the quantity of water specified in clause (1) hereof or for average of the quantity of water drawn by the company during the period of previous three months including the months in question whichever is greater.
- ii) For any unforeseen reasons if the company /agency would like to reduce/ increase the demand of water made earlier /entered in the agreement, they will be required to make the revised annual demand before the commencement of the year i.e.1st day of November. On acceptance of such revised demand the company will be charged as per chanced demand for period specified, other conditions remaining same .A supplementary agreement on hundred rupees stamp paper for this changed quantity which will form part of mean agreement.



iii) No penal rate will be levied for the quantity limited to 10% in excess of the sanctioned one. In excess of this 10% without prior sanction a panel rate of 25% will be charged over the basic rate. The delay in payment on account of this also will be governed by clause 9 above.

iv) For any unforeseen reasons (such as sudden closure of the units or sudden rise in production etc) there could be the abrupt fluctuations in the demand on both sides. Such cases will be decided at government level only, by giving due considerations to the availability of water in the particular sub-basin and so on.

v)In addition to the payment of water charges referred to above the company shall also pay to the government local fund cess at the rate of 20 paise per every rupee of basic water charges. vi) Water bills — The bi-monthly bills for the period from November to August (for 10 month) shall be prepared on the basis of actual quantity of water lifted at the prevailing rate.

month) shall be prepared on the basis of actual quantity of water lifted at the prevailing rate. The bill for months of September &October (11<sup>th</sup> &12<sup>th</sup> month) shall be prepared by taking review of annual sanctioned demand and the terms and conditions of the agreement and shall be adjusted and paid accordingly white adjusting so it shall be considered that the 90% of the annual sanctioned demand has been lifted /used.

The water lifted in excess above 10% of sanctioned demand shall be charged at single rate and excess above 10% (without prior permission) will be charged at penal rate of 1.25 times of the normal rate as mentioned in the clause. However the local cess shall be charged on single rate only.

12 a) The company shall pay to the Executive Engineer water rate and local fund cess either in advance every alternate month on the basis of anticipated quantum of water to be drawn by it form the said source during the next two month or on monthly basis within fifteen (15) days form the date of receipt of the bimonthly demands by the USER form the Executive Engineer: On default of the USER to pay the water rate or local fund cess as aforesaid vide clause 9 and 11, Government shall without prejudice to its any other rights and remedies be entitled to terminate this agreement forthwith as per clause No.9.

b) In the case disputes regarding quantity of water billed or rate at which the bill is prepared the company /firm /individual water user shall first pay the complete amount of the bill and then claim for refund of any excess bill charged giving the reason / justification of wrong billing. However the decision of superintending Engineer, Sangli Irrigation Division sangli. In this regards shall be final and binding on the company

- 13) Government hereby reserves to itself the right to revise from time the water rate and local fund cess and company shall pay the revised water rates and local fund cess as may be fixed by Government form time to time.
- 14) The USER shall not discharge the effluent in, any nalla or river and shall not pollute directly or indirectly any portion of the said nalla / river even by septic tank effluents. If any water sources are polluted by any industry as identified by irrigation pollution control Board /MIDC/MJP the company shall be charged with a penalty of rupee's 5,000/- per such incident per day till it is rectified. The opinion of Maharashtra pollution control board in respect of degree of pollution will be binding on the company.

The company shall recycle the effluent water for their use such as gardening recreation cooling, cleaning, washing and manufacturing process etc. So that at least 50% reduction in consumption of fresh water is achieved.

15) The effluent disposal arrangement made by the company /industry shall be got approved by the company from the Maharashtra pollution control Board / Environment department of Government prior to commencing the operation of pumping /drawing water from the source.



- 16) The company shall at all the times allow an officer of irrigation Department of the Government authorized in that behalf to inspect the said works as well as accounts and copies taken of entries from the records maintained by the company.
- 17) Any notice or other document to be given to or served upon the company be given or served on behalf of the Government by the Executive Engineer Sangli Irrigation Division Sangli. and any such notice or document shall be deemed to have been duly given to or served upon the company or sent by registered post to the registered company, if it is delivered at the registered office of the company or sent by registered post to the registered address for time being of the company.
- 18) The said sum of Rs.2,22,885/- deposited in the form of FDR/bank guarantee/ cash by the company with the Executive Engineer, Sangli Irrigation Division Sangli. Division to the Government as aforesaid shall be held by the government for the due observance and performance by the company of the convents terms and conditions herein contained. In case of default on the part of the company to perform and observe any of said convents terms and conditions it shall be lawful for the Government in its absolute discretion to forfeit whole of the security deposit or any part thereof without prejudice nevertheless to any rights and remedies which the Government may have against the company under this presents for such breach and company shall forthwith pay up the amount so forfeited and shall always maintain the original amount of deposit throughout the period of this agreement. on the expiry of the terms of this agreement, the said security deposit of Rs.2,22,885/- or such part thereof as shall not have been appropriated as aforesaid shall be refunded to the company.
- 19) All amounts due to the Government by the company under this agreement shall be deemed to be arrears of land revenue and may without prejudice to any other rights and remedies of the government to recovered from the company as arrears of land revenue.
- 20) On the expiry of the term of this agreement, Government may renew this agreement within 90 days for such further period and such terms and conditions, as Government may at its absolute discretion deem fit.
- 21) The costs incurred in the execution of the incidental charges for this agreement including stamp duty shall be borne and paid the company.
- 22) Permission for extra water over and above the sanctioned quota will be granted only when the written permission for expansion produced by the company from the Industrial Department.
- 23) The agreement supercedes all the previous agreement entered into by the USER with the Government connection with the supply of water from Krishna River.
- **24)** The company, should submit their water indent for every rotation to the Executive Engineer <u>Sangli</u> Irrigation Division Sangli. On or before starting of the rotation where the source is located on canal. The company should also furnish the exact quantity of water actually drawn in each rotation after completion of the rotation.
- 25) The company will have to make an agreement at it's own cost for adequate storage (Balancing Tank) of not less then two months requirement of water in case of perennial canal, five month requirements in case of 8 monthly canal system, four months requirements in case of water source from seasonal river/ nalla and one month water requirement in case of water

source of river /nalla so as to take care of the closure period. But if unexpectedly the closure period is increased by more than the specified period stipulated herein the company will have to make an alterative arrangement for its water requirement at its own cost.

**26)** IF THE COMPANY COMMITS A BREACH OF ANY OF THE TERMS AND CONDITIONS THEREOF GOVERNMENT SHALL BE ENTITLED TO CANCEL THIS PERMISION AND DISCONTINUE THE SUPPLY OF WATER WITHOUT PAYMENT OF ANY COMPENSATION WHATSOEVER TO THE COMPANY.

27) The Govt. herby reserves to itself its right to change / amend modify /cancel /revise any of the terms and conditions, rules and regulations of water management and Maharashtra Irrigation Act and rules laid under them which shall be applicable for this agreement.

IN	WITNESS	WHERE	OF	THE	common	seal	of	the
			has	been	her	reunto	a	ffixed

Executive Engineer ,<u>Sangli</u> Irrigation Division Sangli. has for and on behalf of the Governor of Maharashtra hereto set his hand and affixed the seal of his office the day and year first herein above written. THE COMMON SEAL OF Sangli Irrigation Division Sangli.

was pursuant to a resolution
of the Board of Directors of
the company dated the

Hereto affixed in the presence ofFOR SHRI GURUDATI-SUGARS

SHRI. R. M. GHATAGE
1. EXECUTIVE DIRECTOR

Two directors of the company who in taken thereof have hereto set their respective hands in the presence of.

Shri Baban Adisha Chougule (Director)

SIGNED SEALED AND DELEVERED by the Executive Engineer, Singli Irrigation Division Sangli. Division for and on behalf of the Governor of Maharashtra in the presence

Shri Sanjay Ramchandra Gaiky

f\_\_\_\_,

1. कान्संकारे छारख नसितवाडी

Executive Engineer,
Sangli Irrigation Division, Sangli.

Sub Divisional Officer Page No. 8 Irrigation Sub Division Sangli REG.NO. REG.NO.



### महाराष्ट्र शासन जलसंगटा विभाग

जलसंपदा विभाग कार्यकारी अभियंता सांगली पाटबंधारे विभाग, सांगली.

दुरध्वनी क्र. ०२३३/२३०२९२५, फॅक्स नं.०२३३/२३०२७५० ई मेल- : eesidsangli@gmail.com



### G OVERNMENT OF MAHARASHTRA WATER RESOURCES DEPARTMENT EXECUTIVE ENGINEER, SANGLI IRRIGATION DIVISION, SANGLI

PH.NO. 0233/2302925FAX NO. 0233/2302750 E-MAIL- eesidsangli@gmail.com

जा.क्रं.सांपावि/ प्रशा-४/*190*५/२०१८

दिनांक :- ५/१२/२०१८

**RPAD** 

प्रति,

संचालक,

श्री. गुरूदत्त शुगर्स लि.,

टाकळीवाडी ता. शिरोळ जि. कोल्हापूर

विषय :- सन २०१८-१९ करीता पाणी उपसा कोटा मंजूरी करणे बाबत,

संदर्भ :- १. आपले पत्र जा.क्र. ४८८ दि. ११.१०.२०१८.

२. पाटबंधारे उप वि.सांगली पत्र जा.क्र. पाउविसां/दका-२/२१२७ दि. २०.११.२०१८.

आपणास बिगर सिंचन वापरासाठी मा.मुख्य अभियंता, जलसंपदी विभाग, पुणे यांचे पत्र दि.१८.०६.२००२ अन्वये पिण्यासाठी ०.०७२ द.ल.घ.मी. व आद्यौगिक वापरासाठी ०.१८२ द.ल.घ.मी. असा एकूण ०.२५४ द.ल.घ.मी. पाणी परवाना मंजूर आहे.

संदर्भीय पत्र क्र.२ अन्वये आपणास सन २०१८-१९ करीता पिण्यासाठी ०.०६४२ द.ल.घ.मी. व औद्योगिक ०.०९८३०६ द.ल.घ.मी. अशी एकूण ०.१६२५०६ द.ल.घ.मी. मंजूरीची शिफारस उपविभागाने केलेली आहे. . तसेच आपणाकडे ऑक्टोबर २०१८ अखेर प्रलंबित थकबाकी रक्कम रू. ११.२४ लक्ष इतकी आहे. तेंव्हा आपले मागणी व उप विभागाचे शिफारसीनुसार खालील अटीवर दि. १ नोंव्हेंबर २०१८ ते ३१ ऑक्टोबर २०१९ या कालावधीकरीता पाणीकोटा मंजूरी देणेत येत आहे.

- १. प्रलंबित रक्कम रु. ११.२४ लक्ष इतकी भरणा करणे आपणावर बंधनकारक राहिल.
- २. सदरची मंजूरी १.११.२०१८ ते ३१.१०.२०१९ या कालावधीकरीता मर्यादित राहील.
- ३. सदर कोटयानुसार सुधारीत करारनामा आठ दिवसात करणेचा असून, त्याखेरीज सदरची मंजूरी ग्राहय धरणेत येणार नाही.
- ४. वापरलेल्या पाण्याची आकारणी केलेली पाणीपट्टी नियमीत व वेळेवर भरणे आपणास बंधनकारक राहील.
- ५. उपसा यंत्रास ईलेक्ट्रॉनिक पाणी मोजणी यंत्र बसविले आहे. त्याचे दरवर्षी Calibration करणे बंधनकारक राहील.
- ६. औद्योगिक वापरासाठी केलेल्या पाण्याचा प्रक्रिया करुन पुर्न:वापर करणे बंधनकारक राहील.
- ७. उपरोक्त थकीत रक्कम करारनामा करणेपुर्वी शाखा कार्यालयात भरणा करणेत यावी. अन्यथा शासन निर्णय क्रमांक -संकिर्ण-२०१४/(४३/१४)/सिं.च्य. (धो) दिनांक २७/०२/२०१८ चे निर्देशानुसार थिकत पाणीपटटीवर द.सा.द.शे. १०% दराने दंडिनय आकारणी करणेत येईल.
- ८. शासन निर्णय क्रमांक -संकिर्ण- २०१४/(४३/१४)/सिं.व्य. (धो) दिनांक २७/०२/२०१८ मधील सर्व अटी व शर्तींचे पालन करणे आपणांस बंधनकारक राहील

स्थळ प्रत मा.का.अ.यांना मान्य असे.

(श्री. हे. मलघन) उपकार्यकारी अभियंता सांगली पाटबंधारे विभाग सांगली.

प्रत- उप विभागीय अधिकारी, पाटबंधारे उप विभाग **सांगली** यांना उपरोक्त अटींच्या क्र.१ ते ८ च्या पूर्तते साठीची जबाबदारी आपली व शाखाधिकारी यांची असून, त्याबाबत कार्यवाहीचा अहवाल १५ दिवसात विभागास सादर करावा.

प्रत -शाखाधिकारी, पाटबंधारे शाखा, नृिसंहवाडी यांना उपरोक्त सर्व अटींच्या आधीन राहून कार्यवाहीसाठी रवाना. २/- मंजुर पाणी कोटानुसार व फेब्रुवारी २०१८ पासून लागू झालेल्या नवीन दराप्रमाणे दोन महिन्याची रक्कम परिगणित करुन संबंधित ग्राहकाडून अनामत रक्कम भरुन घेण्याची कार्यवाही करावी व करारनामा मंजुरीस्तव उपविभागामार्फत विभागास सादर करावा.

### MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437

Fax: 24023516

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



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

No:- Format1.0//UAN No.MPCB-CONSENT-0000072465/CR - 200 000070

Date: 02/01/2020

To,

Shri Gurudatt Sugars Ltd Gat No 61/A,Akiwat Takaliwadi Road, Takaliwadi Shirol,Kolhapur-Kolhapur

Sub:

Renewal of consent for 6000 TCD Sugar & 21 MW Co-generation unit

**Under L.S.I RED Category** 

Ref:

 Consent to Operate accorded by Board vide No. BO/CAC-CELL/UAN-No. 000001616 & 0000019783/R/CAC-1804000889 dtd 19.04.2018

2. Minutes of CAC meeting dtd. 13.09.2019.

Your application No.MPCB-CONSENT-0000072465 Dated 06.06.2019

For: grant of Consent to Renewal or 6000 TCD Sugar & 21 MW Co-generation unit 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 upto: 31.07.2022
- 2. The capital investment of the industry is Rs.245.9827 Crs. (As per C.A Certificate submitted by industry).
- 3. Consent is valid for the manufacture of:

Sr No	Product/Co-Product Name	Maximum Quantity	ИОМ
1	Sugar	21600.00	MT/M
2	Molasses	7318.00	MT/M
3	Press Mud	7318.00	MT/M
4	Bagasse	54000.00	MT/M
5	Electric Power (Cogeneration)	21.00	MW

(The Cane crushing capacity of Sugar industry shall not exceed 6000 TCD.)

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

Sr No	Description	Permitted	Standards to	Disposal
1.	Trade effluent	518	As per Schedule -I	48 CMD shall be recycle & remaning 470 CMD shall be use on land for irrigation purpose.

Sr No	Description	Permitted	Standards to	Disposal
2.	Domestic effluent	48	As per Schedule - I	onland for gardening / irrigation

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

Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	Boiler ( 70 TPH)	1	As per Schedule -II
1	Boiler (40 TPH)	1	As per Schedule -II
2	D.G. Set - (500 KVA)	1	As per Schedule -II
3	D.G. Set - (125 KVA)	1	As per Schedule -II
4	D.G. Set - ( 625 KVA X 2 NO.)	1	As per Schedule -II

### 6. Conditions about Non Hazardous Wastes:

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Boiler Ash	4536	MT/A		Sale for Bricks Manufactures and for soil conditioning.
2	Sludge from waste water treatment	6.8	MT/A	NA	Use as Manure

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

Sr No	Type of Waste	HW Category.	Quantity & UoM	Treatment	Disposal
1	5.1 Used /spent oil	5.1	280 Kg/Annum	RACVCIA	Sale to authorized recycler.

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

- a. The applicant shall properly collect, transport & regularly dispose of the hazardous waste to CHWTSDF, in compliance of the Hazardous & Other Wastes (Management & Transboundry Movement) Rules, 2016 and keep proper manifest thereof.
- 8 The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
- 9 This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.
- 10 Industry shall connect online CMS data as per CPCB guidelines to CPCB & MPCB Servers.

- 11 Industry shall stop production activity voluntarily in case of failure of operation and maintenance of the ETP system as preventive measures.
- 12 Industry shall extend all existing BGs towards O&M of pollution control systems and towards compliance of the Consent conditions.
- 13 This consent is issued as per the Consent Appraisal Committee meeting dated 13.09.2019.
- 14 The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.

For and on behalf of the Maharashtra Pollution Control Board.

(E. Ravendiran IAS), Member Secretary

### Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1369380.00	TXN1906000416	06/06/2019	Online Payment
2	150000.00	TXN1907000242	03/07/2019	Online Payment
3	6516.00	TXN1912000894	11/12/2019	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. Cheif Accounts Officer, MPCB, Sion, Mumbai
- 3. CC/CAC desk For record and website updation purpose.

### SCHEDULE-I

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

- 1) A] As per your application, you have Provided Effluent Treatment Plant (ETP) of designed capacity of 600.00 CMD consisting of Primary, Secondary, Tertiary for the treatment of 518.00 CMD industrial effluent
  - B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

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

- C] The treated effluent 470.00 CMD shall be disposed on land for irrigation on 21.00 hectares of own land /as per the bilateral agreement with farmers. In no any case treated/untreated effluent shall find its way outside the factory premises directly or indirectly.
- D] Trade effluent of 48.00 CMD generated from Co-gen shall be 100% recycle in process.
- E] CREP conditions for Sugar Factory
  - i. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.
  - ii. Waste water generation shall be reduced to 100 liters per tone of cane crushed.
  - iii. Industry shall achieve zero discharge into in land surface water bodies.
  - iv. 15 days' storage capacity tank shall be provided for treated effluent to take care during no demand for irrigation.
- F] Industry to make necessary arrangement to cover the effluent collection system and to avoid the ingress of Bagasse and other material.
- G] The unit shall operate ETP even after completion of the crushing season so that any effluent generated during washing & maintenance activity is to be discharged after proper treatment.
- H] The unit shall optimize water use in industrial process & maintain records.

- A] As per your application, you have provided septic tank and soak pit for the treatment of 48.00 CMD sewage.
  - B] The applicant shall operate sewage treatment system to treat sewage so as to achieve the following standards/ prescribed under EP Act 1986 and rules made under time to time, whichever is stringent.

1 Suspended Sol	ds Not to exc	eed 100 mg/l
2 BOD 3 days (27	°C) Not to exc	eed 100 mg/l

- C] The treated sewage shall be 100% reused/recycled for gardening purpose within premise. In no any case, sewage shall find its way outside Company's premises.
- 3) The industry shall have bilateral agreement with the farmers on whose land the treated effluent is used for irrigation purposes and a copy of the agreements with validity shall be submitted to the Regional/Sub- Regional Office of the Board.
- 4) The industry shall create Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
- 5) CONDITIONS FOR MOLASSES STORAGE:
- (i) The molasses shall be properly collected and stored in steel tanks which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.
- (ii) The capacity of tanks for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.
- (iii) All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/ molasses tank. Suitable arrangements for accidental discharges of molasses from the tanks shall be provided to contain the same within factory premises.
- (iv) Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 (fifteen) days in advance by registered post under intimation to the Sub-Regional officer and Regional officer of the Board under whose jurisdiction the factory is situated.
- (v) The storage tanks shall be kept in good conditions all the year round with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tonnes shall be displayed prominently near /on the tank.
- (vi) The above conditions shall be in addition to and not in derogation of the provisions contained in the "Bombay Molasses Rules, 1955" and "Maharashtra Molasses Storage and Supply Regulation, 1965".
- 6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines if applicable.
- 7) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

- 8) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
- 9) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters, and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption
1.	Industrial Cooling, spraying in mine pits or boiler feed	<i>quantity (CMD)</i> 475.00
2.	Domestic purpose	
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	60.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Grandening	

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

### SCHEDULE-II Terms & conditions for compliance of Air Pollution Control:

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

Stack No.	Stack Attached To	APC System	Height in Mtrs.		Quantity & UoM	5%	<b>50</b> <sub>2</sub>
1	Boiler (70 TPH)	Bagasse Dryer & WET Scrubber	65	Bagasse	730 MT/Day	0.20	2920.00
1	Boiler (40 TPH)	ESP	65	Bagasse	418 MT/Day	0.20	1672.00
2	D.G. Set - 500 KVA	Acoustic Enclosure	6	HSD	40 Ltr/Hr	1.00	19.20
3	D.G. Set - 125 KVA	Acoustic Enclosure	30	HSD	10 Ltr/Hr	1.00	4.80
4	D.G. Set - (625 KVA X 2 NO.)	Acoustic Enclosure	30	HSD	128 Ltr/Hr	1.00	61.44

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

Particulate matter	Not to exceed	150 mg/Nm <sup>3</sup>
		130 mg/mm

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

### SCHEDULE-III Details of Bank Guarantees:

Sr No	. Consent(C2E/C . 20/C2R)	Amt of BG Imposed	Submission	Purpose of BG	Compliance Period	Validity Date
1	C to R	1250000	15 days/ To be extended	Towards compliance of Consent conditions & O & M of pollution control system.	21.07.2020	31.12.2022
2	C to R	2000000	15 Days/ to be extended	Towards not to carry out excess crushing more than the consented capacity.	31.07.2022.	31.12.2022.

### **BG Forfeiture History**

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

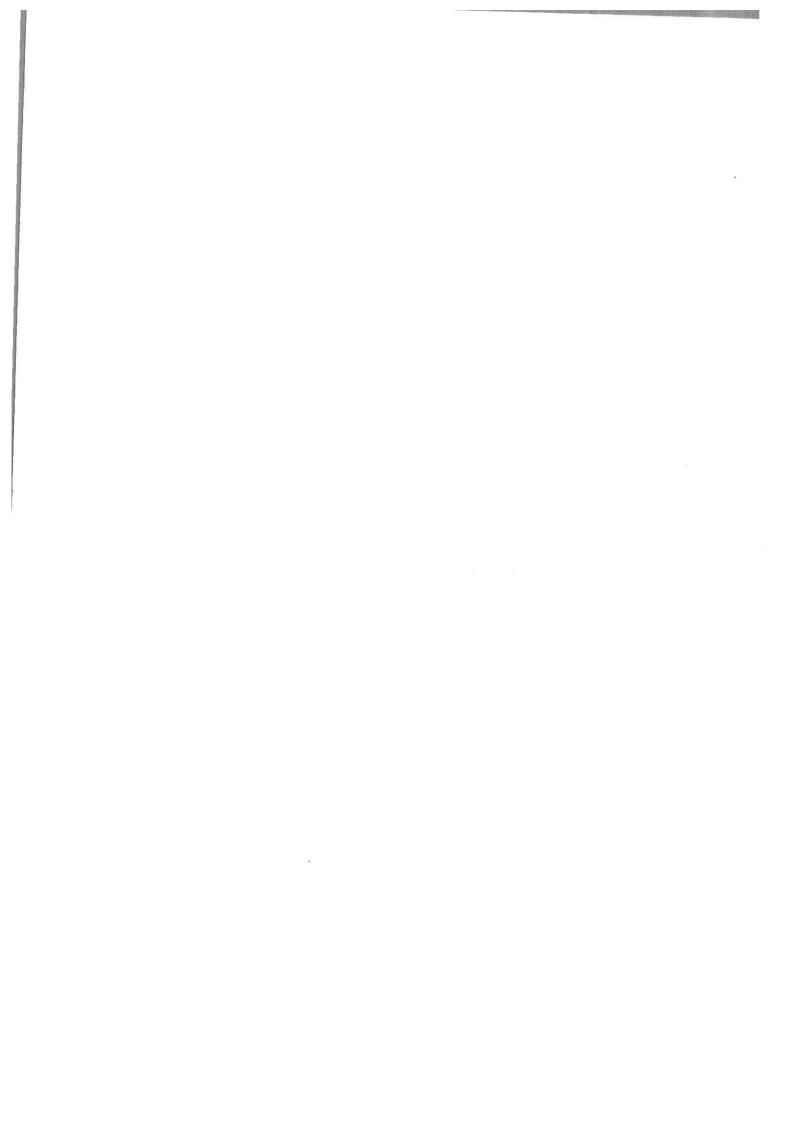
### **SCHEDULE-IV**

### **General Conditions:**

- 1 The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- 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.
- Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.
- 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.
- The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- The industry should comply with the Hazardous & Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous & Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
- 7 An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- 8 The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection.
- The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- 10 The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
- 11 The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 12 Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.

- 13 The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the H&OW(M&TM) Rules 2016, which can be recycled/processed/ reused/ recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/ reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- 14 Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act,1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 1986 which are available on MPCB website(www.mpcb.gov.in).
- 15 Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided
- 16 Neither storm water nor discharge from other premises shall be allowed to mix with the 17. Conditions for D.G. Set
- - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by
  - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
  - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
  - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set
  - 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
  - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
- 18 The industry should not cause any nuisance in surrounding area.
- 19 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
- 20 The applicant shall maintain good housekeeping.
- 21 The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
- 22 The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipment provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent

23	The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
24	The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dtd. 16.11.2009 as amended.
	*



### F. No. J-11011/41/2015-IA-II (I) Government of India Ministry of Environment, Forest and Climate Change (Impact Assessment Division)

Indira Paryavaran Bhawan Aliganj, Jor Bagh Road, New Delhi -110 003

Telefax: 011-24695365 E-mail: yogendra78@nic.in

Dated: 20th March, 2017

To,

The Chief Executive Officer
M/s Shri Gurudatt Sugars Limited
Gat No.61/A, Akiwat - Takaliwadi Road
Takaliwadi, Taluka Shirol
District - Kolhapur - 416 108
Maharashtra

Sub: Expansion of Sugar Plant (4900 TCD to 6000 TCD) and Co-generation Power Plant (15 MW to 21 MW) by M/s Shri Gurudatt Sugars Limited at Gat No.61/A, Akiwat-Takaliwadi Road, Takaliwadi, Taluka Shirol, District - Kolhapur, Maharashtra - Environmental Clearance – reg.

Ref: Online Proposal No. IA/MH/IND2/59911/2014 dated 22nd October, 2016.

Sir,

This has reference to your online proposal no. IA/MH/IND2/59911/2014 dated 22<sup>nd</sup> October, 2016, along with project documents including Form I, Terms of References, Pre-feasibility Report and EIA/EMP Report with public hearing report regarding the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that the proposal is Expansion of Sugar Plant (4900 TCD to 6000 TCD) and Co-generation Power Plant (15 MW to 21 MW) by M/s Shri Gurudatt Sugars Limited at Gat No.61/A, Akiwat-Takaliwadi Road, Takaliwadi, Taluka Shirol, District-Kolhapur, Maharashtra. As informed and as per the documents submitted by the Project Proponent (PP), no additional land is required as the project is proposed in the premises of sugar plant. The land area is 55 Acres. Area for green belt is 15 Acres. The total cost of the project is Rs. 86.34 crores. Raw Material is Sugarcane and Bagasse. No Protected area/Eco-sensitive area/Reserve forests are reported to be located within 10 km area of the project site. Krishna River (3 km), Panchganga River (5 km), and Dudhganga River (7 Km) are located within 10 km radius of the project site. Karnataka State is located within 4 km from the project site. The project thus falls in the interstate boundary region of Karnataka and Maharashtra. The plant will have the following configuration and production capacity:



Units		Existing Capacity	Proposed Capacity	Total Capacity after expansion	Working days
Sugar Plant		4900 TCD	1100 TCD	6000 TCD	160
Cogeneration P	ower	15 MW	6 MW	21 MW	160+124

- 3. All Sugar Industry (≥5000 TCD cane crushing capacity) are listed at Sl. No. 5(j) of Schedule of EIA Notification under Category 'B'. However, considering the general condition that the project is located at distance of 4 km from the interstate boundary of Karnataka State, the project is considered under Category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).
- 4. The project proposal was considered by the Expert Appraisal Committee (Industry-2) in its 36<sup>th</sup> meeting held during 16<sup>th</sup>- 17<sup>th</sup> March, 2015 and recommended Terms of References (TORs) for the Project. The TOR has been issued by Ministry vide letter dated 18<sup>th</sup> May, 2015.
- 5. The project proposal was considered by the Expert Appraisal Committee (Industry -2) in its 17<sup>th</sup> meeting held during 26<sup>th</sup> 29<sup>th</sup> December, 2016. The Project Proponent and the accredited consultant M/s SD Engineering Services Pvt. Ltd, Aurangabad, gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken, as per Terms of References (TORs) awarded in the 36<sup>th</sup> meeting of the EAC held during 16<sup>th</sup> 17<sup>th</sup> March, 2015.
- 6. The State Pollution Control Board, Maharashtra has issued CTE vide letter no. 1.0/BO/CAC-CELL/EIC No. KP-15740-14/EIC. 4729 dated 27/04/2015 and CTO vide letter no. 1.0/BO/CAC CELL/EIC-KP-17292-15/ O&R/CAC-418 dated 8/10/2016. The existing unit has been operating with Consent to Operate from the State Pollution Control Board. Consent of Industry was valid up to 31.07.2016. The PP has informed the EAC that the application for renewal is submitted and same is under consideration of the SPCB which will be issued under auto-renewal policy of State Government.
- 7. Public Hearing for the proposed project has been conducted by the Maharashtra State Pollution Control Board 24.08.2016. The EAC has deliberated upon the issues raised during the public hearing. The concerns were raised regarding employment opportunities, pollution due to waste water discharge from plant, etc. The EAC noted that the issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report.
- 8. The Project Proponent has informed the EAC that the ambient air quality monitoring was carried out at 9 locations during October, 2015– December, 2015 and submitted baseline data indicates that ranges of concentrations of PM<sub>10</sub> (25  $\mu$ g/m³ to 47.8  $\mu$ g/m³), PM<sub>2.5</sub> (7.5  $\mu$ g/m³ to 18.5  $\mu$ g/m³), SO<sub>2</sub> (7.1  $\mu$ g/m³ to 9.2  $\mu$ g/m³), CO (0.09  $\mu$ g/m³ -0.16 $\mu$ g/m³) and NOx (8.6  $\mu$ g/m³ to 11.1 $\mu$ g/m³) respectively.
- 9. The total requirement of water for sugar and cogeneration is 1405.25 m<sup>3</sup>/day for process, cooling, boiler and domestic purpose. Fresh water



Permission has been obtained from the concerned authority. Balance water shall be met through recycling of condensate water. Under no circumstances ground water shall be used in the factory.

- 10. Power requirement is 6 MW/day for sugar and co-gen unit, the same is met through own generation. The steam generating system for the proposed Cogeneration Project comprises of two multi-fuel fired boiler with a Maximum Continuous Rating (MCR) of 70 TPH and 40 TPH (total capacity 110 TPH), with the outlet steam parameters at 45 kg/cm² and 5000 C. Fuel for Boiler is Bagasse. The bagasse requirement is 182054 MT/year.
- 11. The PP has submitted a letter no. MPCB/RO/KOP- 2878/2016 dated 28/07/2016 issued by the Regional Officer, Kolhapur, Maharashtra Pollution Control Board mentioning that the effluent/wastewater generated by the existing plant is well within the prescribed limit, based on the direction of the EAC.
- 12. The EAC, in its 17<sup>th</sup> meeting held on 26<sup>th</sup> 29<sup>th</sup> December, 2016has found that the final EIA/EMP report submitted by the PP is adequate. The EAC after detailed deliberations, on the basis of the information and presentation made by the PP, has recommended the project for environmental clearance with certain conditions.
- 13. Based on the proposal and information submitted by the Project Proponent, and considering the recommendation of the Expert Appraisal Committee (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions:

### A. Specific Conditions:

- i. Zero liquid Discharge System shall be ensured.
- ii. Water requirement to be reduced at extent possible by using latest process methodology being used worldwide.
- iii. Fly Ash be generated shall be sent to nearby cement industry.
- iv. Green belt (10 m wide) of perennial plant species like Neem, Seasam, Teak etc., to be developed around the plant periphery ensuring the 33% area of the plant as green area. The Forest department may be consulted in this regard.
- v. Air emissions from all point source to be controlled by latest technology instruments. The emissions shall conform to the limits imposed by Maharashtra Pollution Control Board (MPCB).
- vi. Periodic soil and water sampling in nearby villages and water bodies to be done by the Project Authorities through 3<sup>rd</sup> part expert and report shall be submitted to the concerned regional office of the Ministry.
- vii. RO plant of sufficient capacity to be installed in the nearby villages to ensure safe drinking water supply. Maintenance of the RO plant will be owned by the Project Authorities.
- viii. Health check-up camps to be organized periodically in nearby villages.

-G.y-la.

- ix. A regular environmental manager having PG qualification in environmental sciences/environmental engineering to be appointed for looking after the environmental management practices in the plant.
- x. Automatic/online monitoring system (24 x 7 monitoring devices) for flow measurement and relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.

### **B.** General Conditions:

- i. The project authorities must strictly adhere to the stipulations made by the Maharashtra Pollution Control Board, State Government and any other statutory authority.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be followed.
- v. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- vii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- viii. The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.



- ix. The company shall undertake all relevant measures for improving the socioeconomic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.
- x. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xii. The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, 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.
- xiii. 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.
- xiv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by email) 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.
- xv. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- xvi. The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a>. 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.
- xvii. The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.



- 14. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 15. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.
- 16. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

(Yogendra Pal Singh) Scientist 'D'

### Copy to:-

- 1. The Secretary, Environment Department, Government of Maharashtra, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, Mumbai- 400 032.
- 2. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office(WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Line, Nagpur-440001.
- 3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi 110 032.
- 4. The Chairman, Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Sion Circle, Mumbai-400 022.
- 5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhavan, Jor Bhag, New Delhi- 110 003.
- 6. Guard File/Monitoring File/Website/Record File.

(Yogendra Pal Singh)
Scientist 'D'