



# SHRI GURUDATT SUGARS LTD., Takaliwadi

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

SGSL/ENVI/2016-2017/O10

Date – April 6, 2017

To  
The Regional Officer,  
Maharashtra Pollution Control Board  
Near Udyog Bhavan, Kolhapur.

**Subject:** Online Submission of Yearly Environmental statement filled in Form V for  
The Period April 2016 to March 2017.

**Reference:** Our Consent No. BO/CAC CELL /EIC-KP-17292-15/O & R/CAC-418 DT  
08/01/2016

Dear Sir,

This has reference to the above subject matter; we are submitting online Yearly Environmental Statement in prescribed Form V for the period April 2016 to March 2017. Enclosed here with online filled FORM V copy for your ready reference.

This is for your kind information & necessary record please.

Kindly acknowledge the same.

Thanking You,

Yours Faithfully,

For, Shri Gurudatt Sugars Ltd.

  
President

Encl.: -

1) Form-V

C.C: 1) The Sub-Regional officer, MPC Board Kolhapur.

Received at  
23/04/17  
REGIONAL OFFICER  
M.P.C. BOARD  
UDYOG BHAVAN  
KOLHAPUR  
COLLECTOR OFFICE



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2016

### Company Information

**Company Name**

Shri Gurudatt Sugars Ltd.,

**Application UAN number**

77607000

**Address**

Gat No. 61/A, Akiwat Takaliwadi Road, Takaliwadi.

**Plot no**

Gat No. 61/A

**Taluka**

Shirol

**Village**

Takaliwadi

**Capital Investment (In lakhs)**

228.22

**Scale**

L.S.I.

**City**

Takaliwadi

**Pincode**

416108

**Person Name**

Mr. Rahul Madhavrao Ghatage

**Designation**

Executive Directors

**Telephone Number**

02312686086

**Fax Number**

02312686000

**Email**

gslsugars.env@gmail.com

**Region**

SRO-Kolhapur

**Industry Category**

Red

**Industry Type**

R74 Sugar (excluding Khandsari)

**Last Environmental statement submitted online**

yes

**Consent Number**

BO/CAC CELL /EIC-KP-17292-15/O &  
R/CAC-418

**Consent Issue Date**

08.01.2016

**Consent Valid Upto**

31.07.2016

**Product Information**

Product Name	Consent Quantity	Actual Quantity	UOM
Molasses	71712	21918.75	MT/A
Sugar	211680	69087.8	MT/A
Bagasse	696000	147186.35	MT/A
Electricity	129600	442455.01	Mwh

**By-product Information**

By Product Name	Consent Quantity	Actual Quantity	UOM
Press Mud	71712	19213.81	MT/A

**1) Water Consumption in m3/day**

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	1100	1004
Domestic	475	432
All others	60	50
Total	0	0
	1635	1496

**1) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Daily Quantity of Trade Effluent from the factory	518	332	CMD
Daily Quantity of Sewage Effluent From the Factory	48	32	CMD
Daily Quantity of Treated Effluent	0	332	CMD

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

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Electricity	0.77	0.78	
Sugar	1	1.01	

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

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Sugar Cane	526983.2	801051.62	MT/A

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Bagasse	696000	147186.40	MT/A

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

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
PH	15.70	0	0	0	0
COD	33.40	0	0	0	0
BOD	12.35	0	0	0	0
Suspended Solids	11.48	0	0	0	0

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
Total Particulate Matter	481	72	0	0	0

**HAZARDOUS WASTES****1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.2 Wastes/residue containing oil	0.55	0.54	MT/A

**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.2 Wastes/residue containing oil	2.60	2.59	MT/A

**SOLID WASTES**

**1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Boiler Ash	9432	7632	MT/A
Sludge from Waste Water Treatment	4.8	3.8	MT/A

**2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Boiler Ash	0	0	MT/A
Sludge from Waste Water Treatment	0	0	MT/A

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

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.2 Wastes/residue containing oil	0.18	0.18	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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.2 Wastes/residue containing oil	0.18	MT/A	0.18

**2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Boiler Ash	7632	MT/A	7632
Sludge From Waste Water Treatment Plant	3.8	MT/A	3.8

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

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
The 100% treated water from E.T.P is recycled for land irrigation.	72	2452	540	4.05	1800000	135000

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

**[A] Investment made during the period of Environmental Statement**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Good House keeping kept in a mfg plant as well as ETP massive tree plantation done on available land	Tree Plantation (Quantity 3254 Nos)	34241

**[B] Investment Proposed for next Year**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Good House keeping kept in a mfg plant as well as ETP massive tree plantation done on available land	Tree Plantation (Quantity 500 Nos)	7500

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

**Particulars**

Increase the green coverage by developing lawn and tree plantation. Deployed trained ETP operators. As per CREP norms factory had provided 15 days storage tank for treated effluent. Tank made in RCC. We have also provide Condensate Polishing Unit (C.P.U) plant with cooling tower for sugar factory excess condensate water reuse and recycle purpose. Also, we have installed online monitoring system for ETP outlet (PH, COD, BOD & SS) and Boiler stack (Total Particulate Matter) and also connect to CPC

***Name & Designation***

Somnath M Kumbhar Enviromental Engineer