



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

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

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000064684

### Submitted Date

12-04-2024

## PART A

### Company Information

#### Company Name

Shri Gurudatt Sugars Ltd.,

#### Application UAN number

MPCB-CONSENT-0000139930

#### Address

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

#### Plot no

Gat No. 61/A

#### Taluka

Shirol

#### Village

Akiwat -Takaliwadi Road

#### Capital Investment (In lakhs)

25691.00

#### Scale

L.S.I

#### City

Kolhapur

#### Pincode

416108

#### Person Name

Mr. Rahul Madhavrao Ghatage

#### Designation

Executive Directors

#### Telephone Number

7350799494

#### Fax Number

02312686086

#### Email

gslsugars.env@gmail.com

#### Region

SRO-Kolhapur

#### Industry Category

Red

#### Industry Type

R12 Sugar ( excluding Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000139930

#### Consent Issue Date

2023-08-08

#### Consent Valid Upto

2024-07-31

#### Establishment Year

2002

#### Date of last environment statement submitted

Apr 6 2023 12:00:00:000AM

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

### Product Information

#### Product Name

Sugar

#### Consent Quantity

259200

#### Actual Quantity

74900.36

#### UOM

MT/A

Molasses

87816

29684.51

MT/A

Press Mud

87816

24729.14

MT/A

Bagasse

648000

182000.48

MT/A

Electric Power (Cogeneration)

21

17.52

Mwh

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

MT/A

## Part-B (Water & Raw Material Consumption)

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	1100.00	1078.00
Domestic	475.00	459.00
All others	60.00	48.00
Total	0.00	0.00
	1635.00	1585.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of Trade Effluent from the Factory	518	459	CMD

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

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Sugar (excluding Khandsari)	0.80	0.77	CMD
Sugar (excluding Khandsari)	0.56	0.54	CMD
Sugar (excluding Khandsari)	0.49	0.49	CMD
Sugar (excluding Khandsari)	0.53	0.52	CMD
Sugar (excluding Khandsari)	0.1	0.1	CMD

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Sugar Cane	7035474.240	660238.198	MT/A
Lime	1145	1103	MT/A
Sulphure	168.85	148.52	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	648000	184866.932	MT/A

## Part-C

### Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

#### [A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged (Mg/Lit) Except PH, Temp, Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
PH	14.52	0	0	0	0
COD	41.53	0	0	0	0
BOD	13.98	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	459.52	52.51	0	0	0

## Part-D

### **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>
5.1 Used or spent oil	0.19	0.12	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>
5.1 Used or spent oil	0.19	0.12	MT/A

## Part-E

### **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>
Sludge from waste water treatment	5.9	5.66	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 As	2889.47	2655.50	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>
5.1 Used or spent oil	0.19	0.12	MT/A

## Part-F

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

#### **1) Hazardous Waste**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	0.12	MT/A	0.12

#### **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	2655.50	MT/A	2655.50

## Part-G

**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>
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The 100% treated water from E.T.P. is recycled for land irrigation.	53	143.60	459	398	1800000	159812
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## Part-H

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

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

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
Good House Keeping kept in a mfg p	Tree Plantation (Quantity 1000 Nos)	12.5

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

<b><i>Detail of measures for Environmental Protection</i></b>	<b><i>Environmental Protection Measures</i></b>	<b><i>Capital Investment (Lacks)</i></b>
Good House Keeping kept in a mfg plant as well as ETP massive tree plantation done on available land.	Tree plantation (Quantity 1500 Nos)	4.90

## Part-I

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### **Any other particulars for improving the quality of the environment.**

#### **Particulars**

We have planted about 500 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**

Mr. Uday Patil - Chief Executive Officer

#### **UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000064684

#### **Submitted On:**

12-04-2024