



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000031922

### Submitted Date

01-04-2021

## PART A

### Company Information

#### Company Name

Shri Gurudatt Sugars Ltd

#### Application UAN number

MPCB-CONSENT-0000072465

#### Address

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

#### Plot no

Gat No 61/A

#### Taluka

Shirol

#### Village

Akiwat -Takaliwadi Road

#### Capital Investment (In lakhs)

24598.27

#### Scale

L.S.I

#### City

Kolhapur

#### Pincode

#### Person Name

Mr. Rahul Madhavrao Ghatage

#### Designation

Executive Director

#### Telephone Number

7350799494

#### Fax Number

0231-2686000

#### 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-0000072465

#### Consent Issue Date

02.01.2020

#### Consent Valid Upto

31.07.2022

#### Establishment Year

2002

#### Date of last environment statement submitted

Apr 9 2020 12:00:00:000AM

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

-

### Product Information

#### Product Name

Sugar

#### Consent Quantity

259200

#### Actual Quantity

80051

#### UOM

MT/A

Molasses

87816

44820

MT/A

Press Mud

87816

25626.430

MT/A

Bagasse

648000

201085

MT/A

Electric Power (Cogeneration)

21

19.88

Mwh

### By-product Information

#### By Product Name

#### Consent Quantity

#### Actual Quantity

#### UOM

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

### 1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	1100	1056
Domestic	475	425
All others	60	48
	0	0
<b>Total</b>	<b>1635</b>	<b>1529</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of Trade Effluent from the Factory	518	358	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)	0.78	0.77	CMD
Sugar (excluding Khandsari)	0.51	0.52	CMD
Sugar (excluding Khandsari)	0.48	0.47	CMD
Sugar (excluding Khandsari)	0.52	0.50	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	663818	733255.950	MT/A
Lime	1291.0497	1193.355	MT/A
Sulphure	341.74845	177.762	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	648000	201085	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	14.44	0	0	0	0
COD	37.51	0	0	0	0
BOD	11.23	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	429.43	48.53	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 /spent oil	0.21	0.20	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 /spent oil	0.210	0.20	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	6.1	6.4	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	2841.168	3015.54	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 /spent oil	0.21	0.20	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 /spent oil	0.20	MT/A	0.20

#### 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	3015.54	MT/A	3015.54

### 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>
The 100% treated water from E.T.P. is recycled for land irrigation.	68	153.52	489	3.98	1800000	133700

## Part-H

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

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

##### **Detail of measures for Environmental Protection**

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

##### **Environmental Protection Measures**

Tree Plantation (Quantity 4450 Nos)

##### **Capital Investment (Lacks)**

95

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

##### **Detail of measures for Environmental Protection**

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

##### **Environmental Protection Measures**

Tree plantation (Quantity 250 Nos)

##### **Capital Investment (Lacks)**

3

## Part-I

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

#### Particulars

We have planted about 1000 Nos plants around the 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

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000031922

#### Submitted On:

01-04-2021