



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000052515

### Submitted Date

06-04-2023

## PART A

### Company Information

#### Company Name

Shri Gurudatt Sugars Ltd.,

#### Application UAN number

MPCB-CONSENT-0000139916

#### Address

Takaliwadi

#### Plot no

Gat No 61/A

#### Taluka

Shirol

#### Village

Akiwat -Takaliwadi Road

#### Capital Investment (In lakhs)

28135.00

#### Scale

L.S.I

#### City

Kolhapur

#### Pincode

416108

#### Person Name

Mr Rahul M Ghatage

#### Designation

Executive Directors

#### Telephone Number

7350799494

#### Fax Number

#### Email

gslsugars.env@gmail.com

#### Region

SRO-Kolhapur

#### Industry Category

Red

#### Industry Type

R60 Distillery ( molasses / grain /yeast based)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000139916

#### Consent Issue Date

2022-09-17

#### Consent Valid Upto

2023-08-31

#### Establishment Year

2019

#### Date of last environment statement submitted

Apr 25 2022 12:00:00:000AM

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

### Product Information

#### Product Name

RECTIFIED SPIRIT (CAPTIVE)/ DENATURED SPIRIT (CAPTIVE)

#### Consent Quantity

81000

#### Actual Quantity

1612.892

#### UOM

KL/A

EXTRA NEUTRAL ALCOHOL

50220

0

KL/A

IMPURE SPIRIT/TECHNICAL ALCOHOL

5670

0.01

KL/A

FUSEL OIL

4050

0

KL/A

Ethanol

76950

42955.688

KL/A

ELECTRICITY

5.5

4.8

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	1350.00	1267.41
Domestic	1.00	0.80
All others	0.00	0.00
<b>Total</b>	<b>1423.00</b>	<b>1339.21</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of Trade Effluent from the Factory	1200	1020.22	CMD

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

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Distillery including Fermentation Industry	7.61	1.12	Ton/Ton
Distillery including Fermentation Industry	9.3	0	Ton/Ton
Distillery including Fermentation Industry	5.1	6.81	Ton/Ton
Distillery including Fermentation Industry	6.68	0	Ton/Ton
Distillery including Fermentation Industry	6.6	0	Ton/Ton
Power Generating Plants (excluding D.G. Sets)	3.9	3.7	Mwh

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

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Molasse	28552.44	6249.378	MT/A
B Heavy Molasses	46052.61	103804	MT/A
Sugar Cane Juice Syrup	0	39831	MT/A
Consumable Chemicals (Caustic Soda))	1890	1998	Kg/Annum
Consumable Chemicals (Antifoam)	1264	1398	Kg/Annum

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
--NA--	141.64	268	CMD
Coal	18000	17280	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
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	Quantity	Concentration	%variation	Standard	Reason
pH	14.99	0	0	0	0

### [B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Total Particulate Matter	561.582	34.85	0	0	0

## Part-D

### HAZARDOUS WASTES

#### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	54.31	Ltr/A

#### 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	37.50	Ltr/A

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	5711	5612	MT/A

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	5711	5612	MT/A

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

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	8.96	9.12	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
	0	MT/A	NA

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	MT/A	NA

## 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 Distillery Cooling tower and Fermentation make up purpose.	528	148	135	5.28	632	19

## 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 5000 Nos) 42

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

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

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

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

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

Tree Plantation (Quantity 500 Nos)

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

3.78

## Part-I

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

#### **Particulars**

We have planted about 3000 Nos plants around the Distillery for develop green belt around the premises. We are proposed to plant various type of tree in this year also.

#### **Name & Designation**

Mr. Uday Patil

#### **UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000052515

#### **Submitted On:**

06-04-2023