



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000041640

Submitted Date

25-04-2022

PART A

Company Information

Company Name

Shri Gurudatt Sugars Ltd.,

Application UAN number

MPCB-CONSENT-0000120978

Address

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

Plot no

61/A

Taluka

Shirol

Village

Akiwat -Takaliwadi Road

Capital Investment (In lakhs)

28.16

Scale

L.S.I

City

Kolhapur

Pincode

416108

Person Name

Mr Rahul Madhavrao Ghatage

Designation

Executive Directors

Telephone Number

7350010520

Fax Number

02312686086

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-0000120978

Consent Issue Date

2022-03-24

Consent Valid Upto

2022-08-31

Establishment Year

2019

Date of last environment statement submitted

Apr 1 2021 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

55.702

UOM

KL/A

EXTRA NEUTRAL ALCOHOL

50220

6.846

KL/A

IMPURE SPIRIT/TECHNICAL ALCOHOL

5670

0.544

KL/A

ETHANOL

76950

62.997

KL/A

FUSEL OIL

4050

0.29

KL/A

ELECTRICITY

5.5

4.3

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	1194.00
Domestic	1.00	0.08
All others	0.00	0.00
Total	1423.00	1263.08

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of Trade Effluent from the Factory	1200	980.91	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	7.562	7.61	
Distillery including Fermentation Industry	8.8	9.3	
Distillery including Fermentation Industry	4.89	5.1	
Distillery including Fermentation Industry	6.774	6.68	
Distillery including Fermentation Industry	6.45	6.6	
Power Generating plants (excluding D.G Sets)	1.2	3.9	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
Consumable chemicals (Urea)	0	0	CMD
Consumable chemicals (Antifoam)	0	1264	Kg/Annum
Molasses	28859.099	28552.44	MT/A
as Cane Juice or 'B' heavy molasses	0	46052.61	MT/A
Consumable chemicals (Caustic soda)	0	1890	Kg/Annum

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
--NA--	300	141.64	CMD
Coal	18000	16551	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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard Reason
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[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	362.41	22.49	0	0	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	3.52	11.32	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	3.57	4.11	MT/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	729.6	5711	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	729.6	5711	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	7.86	8.96	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
	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.

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 Distillery Cooling tower and Fermentation make up purpose.	525	143	132	5.31	567	18

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 1500 Nos) 37

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 100 Nos)

Capital Investment (Lacks)

1.75

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We have planted about 1000 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-0000041640

Submitted On:

25-04-2022