



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-0000031927

Submitted Date

02-04-2021

PART A

Company Information

Company Name

Shri Gurudatt Sugars Ltd.,

Application UAN number

MPCB-CONSENT-0000083686

Address

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

Plot no

Gat No. 61/A

Taluka

Shirol

Village

Akiwat -Takaliwadi Road

Capital Investment (In lakhs)

14004.00

Scale

L.S.I

City

Kolhapur

Pincode

Person Name

Mr. Rahul M Ghatage

Designation

Executive Director

Telephone Number

7350799494

Fax Number

0231-2686000

Email

gslsugars.env@gmail.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

no

Consent Number

MPCB-CONSENT-0000083686

Consent Issue Date

01.07.2020

Consent Valid Upto

31.08.2021

Establishment Year

2019

Date of last environment statement submitted

Apr 1 2021 12:00:00:000AM

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

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Product Information

Product Name

RECTIFIED SPIRIT (CAPATIVE) DENATURED SPIRIT (CAPTIVE)

Consent Quantity

27375

Actual Quantity

583.677

UOM

KL/A

ECTRA NEUTRAL ALCOHOL

25458.75

463.6268

KL/A

IMPURE SPIRIT / TECHNICAL ALCOHOL

1916.25

508.406

KL/A

ETHANOL

26006.25

2166.265

KL/A

FUSEL OIL

1368.75

241.52

KL/A

ELECTRICITY

2.5

1.98

Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	CMD

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	72	69
Domestic	593	526
All others	1	0.8
Total	0	0
	666	595.8

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of Trade Effluent from the Factory	150	141.32	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	0	7.562	
Distillery including Fermentation Industry	0	8.8	
Distillery including Fermentation Industry	0	4.89	
Distillery including Fermentation Industry	0	6.774	
Distillery including Fermentation Industry	0	6.45	
Distillery including Fermentation Industry	0	1.2	MT/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
Molasses	0	28859.099	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
--NA--	150	141.49	CMD
Coal	48000	45680	

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
PH	14.91	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	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 residue	0	43.52	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residue	0	3.57	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	0	1029.6	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	0	1029.6	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 residue	0	14.28	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
20.3 Distillation residue	0	MT/A	0

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.

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)
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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
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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 1400 Nos)

Capital Investment (Lacks)

37

[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 200 Nos)

Capital Investment (Lacks)

1.25

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-0000031927

Submitted On:

02-04-2021