



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-0000052513

Submitted Date

06-04-2023

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

416108

Person Name

Mr. Rahul Madhavrao Ghatage

Designation

Executive Director

Telephone Number

7350010520

Fax Number

02312686000

Email

glsugars.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

2022-09-17

Consent Valid Upto

2023-07-31

Establishment Year

2002

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

Sugar

Consent Quantity

259200

Actual Quantity

63431

UOM

MT/A

Molasses

87816

29135

MT/A

Press Mud

87816

25405.097

MT/A

Bagasse

648000

192630.94

MT/A

Electric Power (Cogeneration)

21

18.27

Mwh

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

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	1100.00	1088.00
Domestic	475.00	462.00
All others	60.00	48.00
Total	0.00	0.00
	1635.00	1598.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily Quantity of Trade Effluent from the Factory	518	478	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	0.80	CMD
Sugar (excluding Khandsari)	0.55	0.56	CMD
Sugar (excluding Khandsari)	0.48	0.49	CMD
Sugar (excluding Khandsari)	0.51	0.53	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	802052.94	7035474.240	MT/A
Lime	1305.32	1145.0	MT/A
Sulphure	194.44	168.85	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	648000	192631.283	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	14.58	0	0	0	0
COD	43.50	0	0	0	0
BOD	14.31	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	470.20	53.43	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	0.22	0.19	MT/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	0.22	0.19	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Sludge from waste water treatment	6.3	5.9	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	3112.52	2889.47	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0.22	0.19	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
5.1 Used /spent oil	0.19	MT/A	0.19

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Boiler Ash	2889.47	MT/A	2889.47

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 land irrigation.	61	149.41	470	390	1800000	164812
---	----	--------	-----	-----	---------	--------

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 14500 Nos)

Capital Investment (Lacks)

48

[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 1500 Nos)

Capital Investment (Lacks)

5.6

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We have planted about 1500 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-0000052513

Submitted On:

06-04-2023