



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-0000036056

Submitted Date

21-09-2021

PART A

Company Information

Company Name

Krantiagrani Dr. G. D. Babu Lad S. S. K. Ltd.,

Application UAN number

MPCB-CONSENT-0000075152

Address

KUNDAL, TAL: PALUS, DIST: SANGLI

Plot no

514

Taluka

Palus

Village

VITA ROAD

Capital Investment (In lakhs)

20177.17

Scale

L.S.I

City

Sangli

Pincode

Person Name

C. S. Gavhane

Designation

Managing Director

Telephone Number

7722054013

Fax Number

Email

krantisugar.env@gmail.com

Region

SRO-Sangli

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

MPCB-CONSENT-0000075152

Consent Issue Date

13/02/2020

Consent Valid Upto

31/07/2024

Establishment Year

2002

Date of last environment statement submitted

Aug 21 2020 12:00:00:000AM

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

Product Information

Product Name

Sugar

Consent Quantity

135870.00

Actual Quantity

106926.567

UOM

MT/A

By-product Information

By Product Name

Molasses

Consent Quantity

54000

Actual Quantity

39340

UOM

MT/A

Bagasse

347700

243260

MT/A

Pressmud

54000

28730

MT/A

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	826	590.00
Domestic	300	300.00
All others	50	10.00
Total	0	0.00
	1176	900.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	626	600	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)	0.81	0.87	Ton/Ton

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	8.02	8.26	Ton/Ton
Lime	0.01363	0.01240	Ton/Ton
Sulphur	0.004010	0.002976	Ton/Ton
Phosphoric Acid	0	0	Ton/Ton
Oil & Grease	0.0000077	0.00084	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	347700	165195	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
BOD	5.4	60	0	100	0

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
Particulate Matter	160	34	0	150	0

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.2 Wastes or residues containing oil	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.2 Wastes or residues containing oil	2.6	2.1	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BOTTOM ASH	487	495	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ASH FROM APC	1655	1686	MT/A
BIOLOGICAL (ETP) SLUDGE	2.7	3.2	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.2 Wastes or residues containing oil	2.6	2.1	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
5.2 Wastes or residues containing oil	2.6	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
ASH	1686	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)
Condensate is recycled	540	0	0	0	3	3.0

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

Factory has provided anaerobic digester as primary consisting of buffer tank, lamella clarifier, gas flair. Erection work is completed and commissioning shall be started.

Environmental Protection Measures

Anaerobic digester as primary treatment.

Capital Investment (Lacks)

180

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

NA

Environmental Protection Measures

NA

Capital Investment (Lacks)

0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Dry cleaning practices is adopted for floor washing to reduce water consumption and as such waste water generation.

Name & Designation

C. S. Gavhane - Managing Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000036056

Submitted On:

21-09-2021