



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-0000035191

Submitted Date

13-09-2021

PART A

Company Information

Company Name

SHREE CHHATRAPATI SHAHU S.S.K. LTD., KAGAL

Application UAN number

MPCB-CONSENT-0000096548

Address

Shrimant Jaysingrao Ghatge Bhavan, Kagal, Dist-Kolhapur-416 216

Plot no

144/1/B,144/2, 148-151, 153-157, 159-161, 164-172, 186, 24/B, 247/2/3, 61/32

Taluka

Kagal

Village

Shrimant Jaysingrao Ghatge Bhavan

Capital Investment (In lakhs)

7400.00

Scale

L.S.I

City

Kolhapur

Pincode

416216

Person Name

J.A.Chavan

Designation

Managing Director

Telephone Number

9552581374

Fax Number

02325-244241

Email

enveng@shahusugar.com

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

no

Consent Number

MPCB-CONSENT-0000096548

Consent Issue Date

30.12.2020

Consent Valid Upto

31.07.2021

Establishment Year

1977

Date of last environment statement submitted

Sep 14 2020 12:00:00:000AM

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

27AAAAS1032M1ZL

Product Information

Product Name

Sugar

Consent Quantity

234000

Actual Quantity

120465

UOM

MT/A

Electricity

120960

76385

Mwh

By-product Information

By Product Name

Molasses

Consent Quantity

73560

Actual Quantity

38579

UOM

MT/A

Bagasse

527610

279806

MT/A

Pressmud

72360

15754

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	327	295
Domestic	600	567
All others	20	17
Total	0	0
	947	879

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	868	711	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)	1.02	0.69	Ton/Ton
Power Generating plants (excluding D.G Sets)	0.0074	0.0074	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
Sugarcane	8.04	8.44	Ton/Ton
Lime	0.015	0.015	Ton/Ton
Sulphur	0.004	0.004	Ton/Ton
Lubricants	0.00008	0.00014	Ton/Ton
Bagasse	2.2	2.32	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	527610	279806	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	0	6.9	0	5.5-9.0	Within Limit
BOD	0	76	0	100	Within Limit Within Limit
COD	0	212	0	250	Within Limit
SS	0	44	0	100	Within Limit

OIL & GREASE	0	0	0	10	Within Limit
CHLORIDES	0	166	0	600	Within Limit
SUPLHATES	0	60	0	1000	Within Limit
TDS	0	1166	0	2100	Within Limit

[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		
PM	110.14	116	0	150	Within Limit

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	1.4	1.4	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	0.5	0.5	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	8981	8853	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ETP Sludge	21.5	19.8	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	1.5	1.9	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 or spent oil	1.9	MT/A	--

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Boiler Ash	8853	MT/A	--
ETP Sludge	19.8	MT/A	--

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)
-	-	-	-	-	-	-

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

ETP upgradation Carried out

Environmental Protection Measures

-

Capital Investment (Lacks)

250

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Environmental Protection Measures

-

Capital Investment (Lacks)

-

Part-I

Any other particulars for improving the quality of the environment.

Particulars

-

Name & Designation

S.D.Naikwadi, Environment Engineer

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000035191

Submitted On:

13-09-2021