



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2018

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000011536

Submitted Date

19-09-2018

Company Information

Company Name

SHREE CHHATRAPATI SHAHU SAHAKARI SAKHAR KARKHANA LTD., KAGAL

Application UAN number

0000028088 & 0000029939

Address

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

Plot no

148-150,154-156,161,172-186

Taluka

KAGAL

Village

Shrimant Jaysingrao Ghatge Bhavan

Capital Investment (In lakhs)

31878.73719

Scale

L.S.I

City

Kolhapur

Pincode

416216

Person Name

Mr. 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

yes

Consent Number

Format1.0/BO/CAC-CELL/UAN No.
0000028088 &
0000029939/R/CAC-1801000131

Consent Issue Date

04/01/2018

Consent Valid Upto

31/07/2018

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Sugar	163380	97935	MT/A
Electricity	90000	60660	Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Molasses	51960	33884	MT/A
Bagasse	365610	228232	MT/A
Pressmud	50760	29865	MT/A

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	1227	883

Cooling	805	696
Domestic	68	45
All others	0	0
Total	2100	1624

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Effluent	763	635	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	1.26	KL/A
Power Generating plants (excluding D.G Sets)	0.0046	0.0010	KL/A

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	7.89	8.10	Ton/Ton
Lime	0.015	0.016	Ton/Ton
Sulphur	0.004	0.004	Ton/Ton
Bagasse	2.28	1.41	Ton/Ton
Oil & Grease	0.00013	0.00010	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	309009	169860	MT/A

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	6.6	7.4	0	5.5-9.0	within limit
BOD	0.019	80	0	100	within limit
COD	0.053	208	0	250	within limit
SS	0.017	82	0	100	within limit
OIL & GREASE	0	0	0	10	within limit
CHLORIDES	0.090	146	0	600	within limit
SULPHATES	0.0094	61	0	1000	within limit
TDS	0.4615	1395	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		

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	1.0	1.5	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
BOILER ASH	8600	7167	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	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 /spent oil	1.25	1.5	MT/A

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	1.5	MT/A	DISPOSAL - MIXED WITH BAGASSE & BURNT IN OWN BOILER

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
BOILER ASH	7167	MT/A	DISPOSAL- USED IN COMPOSTING PROCESS & REST IS GIVEN TO BRICK MANUFACTURERS

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)
NA	0	0	0	0	0	0

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	Environmental Protection Measures	Capital Investment (Lacks)
1) Primary Clarifier Provided, 2) Activated Carbon Filter Provided	15.00	15.00

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Pipeline for Distribution of Treated Effluent	0	10.00

Any other particulars in respect of environmental protection and abatement of pollution.

Particulars

PLANTATION IS DONE IN THE FACTORY PREMISES

Name & Designation

MR. S. D. NAIKWADI, ENVIRONMENT ENGINEER