



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-0000011165

Submitted Date

12-09-2018

Company Information

Company Name

Shree Datta Shethkari Sahakari Sakhar
karkhana ltd

Application UAN number

0000029971

Address

Dattanagar

Plot no

251

Taluka

Shirol

Village

Dattanagar

Capital Investment (In lakhs)

14646.00

Scale

L.S.I.

City

Shirol

Pincode

416120

Person Name

Mahadeo Vithal Patil

Designation

Managing Director

Telephone Number

02322-236552-6

Fax Number

02322-236600

Email

k1p.dattsssk@gmail.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.0000029971/R/CAC-1805001083

Consent Issue Date

22/05/2018

Consent Valid Upto

31/07/2018

Product Information

Product Name

Sugar

Consent Quantity

111166.67

Actual Quantity

149000

UOM

MT/A

By-product Information

By Product Name

Refined sugar

Consent Quantity

24166.67

Actual Quantity

Nil

UOM

MT/A

Bagasse

290000

337783.100

MT/A

Molasses

33833.33

43956.00

MT/A

Pressmud

38666.67

47574.500

MT/A

1) Water Consumption in m3/day

Water Consumption for Process

Consent Quantity in m3/day

500

Actual Quantity in m3/day

460

Cooling

200

200

Domestic

100

90

All others	Nil	Nil
Total	800	750

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Process	700	409.65	CMD
Domestic	80	78	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	0.5406	0.4476	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
Bagasse	1.688	1.854	Ton/Ton
Lime	0.0219	0.0175	Ton/Ton
Sulphur	0.005568	0.005576	Ton/Ton
Caustic Soda	0.00014	0.00045	Ton/Ton
Lubricant Oil & Grease	0.00017	0.0000191	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	290000	276176.65	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		
BOD	4.916	12	Nil	100	NA
COD	19.67	48	Nil	250	NA
Oil and grease	Nil	Nil	Nil	10	NA
TDS	389.98	952	Nil	2100	NA
Chloride	65.544	160	Nil	600	NA
Sulphate	22.944	56	Nil	1000	NA
Suspended solid	6.96	17	Nil	100	NA
pH	7	7	Nil	5.5 - 9.0	NA

[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	265.211	38	NA	150	NA

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	0.439	0.4427	MT/A

2) From Pollution Control Facilities

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

SOLID WASTES**1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ETP sludge	12	19	MT/A

2) From Pollution Control Facilities

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

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	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	0.4427	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
ETP sludge	19	MT/A	NA

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)
Cooling waters	1500	10	NA	NA	50	Nil

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)
NA	NA	Nil

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
STP and up-gradation of ETP	Reduction of effluent quantity	100

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

Particulars

Nil

Name & Designation

M. V. Patil - Managing Director