



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2019

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000019825

Submitted Date

26-09-2019

Company Information

Company Name

Kukadi Sahkari Sakhar Karkhana Ltd.

Application UAN number

0000050430

Address

At & Post - Pimpalgaon Pisa,

Plot no

95,97,98,102

Taluka

Shrigonda

Village

Pimpalgaon Pisa

Capital Investment (In lakhs)

23521

Scale

LSI

City

Shrigonda

Pincode

413703

Person Name

Mr. Markad Dattatray Natha

Designation

Managing Director

Telephone Number

02487254066

Fax Number

02487254066

Email

kukadisugar@rediffmail.com

Region

SRO-Ahmednagar

Industry Category

Red

Industry Type

R12 Sugar (excluding Khandsari)

Last Environmental statement submitted online

yes

Consent Number

1.0/BO/CAC-CELL/UAN
NO.-0000005150/R/CAC-1612000187

Consent Issue Date

04/02/2019

Consent Valid Upto

31/07/2019

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Sugar	108900	77520	MT/A
Electricity (Co-gen)	27	16.08	Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Molasses	39600	28598	MT/A
Bagasse	297000	195520	MT/A
Pressmud	34200	25997	MT/A

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	515	422
Domestic	225	103
	45	25

All others	0	0
Total	614	550

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	635	402	CMD
Domestic	40	19	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	0.58	0.81	Ton/Ton
Electricity (Cogen	0.08	0.07	Mwh

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	9.20	9.20	Ton/Ton
Lime	0.0016	0.0016	Ton/Ton
Sulphur	0.005	0.005	Ton/Ton
Phosphoric Acid	0.0021	0.0021	Ton/Ton
Mill sanitation chemicals	0.00381	0.00381	Ton/Ton
Lubricants	0.0492	0.0492	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	324000	199157	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	28.54	71	00	100	00
COD	81.20	202	00	250	00
TSS	30.95	77	00	100	00

[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		
SPM	990	118	00	150	NA

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	0.869	0.396	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	.0.450	.0.398	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Press mud	19908	19908	MT/A
Molasses	30989	28598	MT/A
Bagasse	174757	195520	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler ash/ fly ash	1139	2887	MT/A
ETP Sludge	30	23	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	0.869	0.396	MT/A
5.2 Wastes or residues containing oil	0.450	0.398	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 or spent oil	0.396	MT/A	Burnt in own boiler by mixing with bagasse
5.2 Wastes or residues containing oil	0.398	MT/A	Burnt in own boiler by mixing with bagasse

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Boiler ash /fly ash	2887	MT/A	Sold to brick manufacturer
ETP Sludge	23	MT/A	As an organic manure in own farm

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)
Water pollution control system	00	00	00	00	184.20	00
Air pollution control system	00	00	00	00	45.00	00
Recycle & reuse of water	79	0.10	10	17	15.08	3.72

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

Waste water treatment
Online line monitoring system

Environmental Protection Measures

ETP
EQMS & Electro-magnetic flow meter.

Capital Investment (Lacks)

120
15.30

[B] Investment Proposed for next Year**Detail of measures for Environmental Protection**

Green belt development

Environmental Protection Measures

Tree plantation

Capital Investment (Lacks)

3.72

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

NA

Name & Designation

Mr. Dattaray Natha Markad