



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000027459

Submitted Date

25-09-2020

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. Dattatray Natha Markad

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

Consent-0000074322/CO-2002001185

Consent Issue Date

26/06/2020

Consent Valid Upto

31/07/2020

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Sugar	108900	00	MT/A
Electricity (Co-gen)	27	00	Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Molasses	39600	00	MT/A
Bagasse	297000	00	MT/A
Pressmud	34200	00	MT/A

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	515	00
Domestic	225	00
All others	45	00
	0	0

Total 614 00

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	635	00	CMD
Domestic	40	00	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	0.81	00	Ton/Ton
Electricity (Cogen	0.07	00	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	0	Ton/Ton
Lime	0.0016	0	Ton/Ton
Sulphur	0.005	0	Ton/Ton
Phosphoric Acid	0.0021	0	Ton/Ton
Mill sanitation chemicals	0.00381	0	Ton/Ton
Lubricants	0.0492	0	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	324000	00	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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
BOD	00	00	00	100	00
COD	00	00	00	250	00
TSS	00	00	00	100	00

[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
SPM	00	00	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	0.396	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	.0.398	.0	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	0	MT/A
Molasses	28598	0	MT/A
Bagasse	195520	0	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	2887	0	MT/A
ETP Sludge	23	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 or spent oil	0.396	0	MT/A
5.2 Wastes or residues containing oil	0.398	0	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	MT/A	Burnt in own boiler by mixing with bagasse
5.2 Wastes or residues containing oil	0	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	0	MT/A	Sold to brick manufacturer
ETP Sludge	0	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	00	00	00	00	15.08	00

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)
Waste water treatment	ETP	120

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Green belt development	Tree plantation	2.50

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

NA

Name & Designation

Mr. Dattaray Natha Markad