



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000074551

Submitted Date

30-09-2024

PART A

Company Information

Company Name

Yashwantrao Mohite Krishna Sahakari
Sakhar Karkhana Ltd.,

Application UAN number

0000054989

Address

A/P- Shivnagar, Tal-Karad, Dist-Satara

Plot no

500

Taluka

KARAD

Village

Shivnagar

Capital Investment (In lakhs)

6993.99

Scale

L.S.I

City

Satara

Pincode

415108

Person Name

Mr. Ramchandra S. Patil

Designation

MANAGING DIRECTOR

Telephone Number

9482552809

Fax Number

02164266226

Email

ymksskcogen@gmail.com

Region

SRO-Satara

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

yes

Consent Number

Format - 1.0/BO/CAC/UNA NO.MPCB
CONSENT-0000076578/CR/2009000111

Consent Issue Date

02/09/2020

Consent Valid Upto

31/08/2021

Establishment Year

1972

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

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

Product Information

Product Name

Rectified Spirit

Consent Quantity

21660

Actual Quantity

18040

UOM

KL/A

Ethyl Alcohol

21660

7003

KL/A

ENA

4560

3800

KL/A

By-product Information

By Product Name

FUSEL OIL

Consent Quantity

32.633

Actual Quantity

31.9

UOM

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
	920.00	770.00
Cooling	250.00	230.00
Domestic	5.00	4.00
All others	0.00	0.00
Total	1175.00	1004.00

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	920	765.41	CMD
Domestic	3	2.5	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
Rectified Spirit	20.21	21.23	Ton/Ton
Ethyl Alcohol	21.24	25.28	Ton/Ton
ENA	44.40	46.60	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
MOLASSES	5.3	5.25	Ton/Ton
Antifoam	0.001	0.001	Ton/Ton
Urea	0.000125	0.000131	Ton/Ton
Steam	1.20	1.21	Ton/Ton
D. A. P.	0.00011	0.00010	Ton/Ton
Yeast	0.000219	0.000216	Ton/Ton
O. P. Acid	0.0000220	0.0000214	Ton/Ton

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
Biogas	0.01	167700	M3/Anum
Steam is taken from sugar division	1200	1160	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		
	Quantity	Concentration	%variation	Standard	Reason
pH	0	8.30	Nil	---	NA

Alkalinity	0	10560	Nil	>15000	NA
BOD	0	5620	Nil	5000-7000	NA
COD	0	28450	NA	25000-50000	NA
Total Solids	0	85000	Nil	50000-90000	NA
Chloride	0	5560	Nil	5000-8000	NA
Sulphates	0	2690	Nil	2000-6000	NA
K	0	8270	Nil	---	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		
	Quantity	Concentration	%variation	Standard	Reason
Boiler Stack	1300	15	NA	150	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Yeast Sludge	1470	1503	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Compost	25680	25340	MT/A
Biogas Plant Sludge	1350	1460	MT/A
Ash	899	864	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	0	0	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
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2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Yeast Sludge	1503	MT/A	NA
Compost	25340	MT/A	NA
Biogas Plant Sludge	1460	MT/A	NA
Ash	864	MT/A	NA

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)
--	0	0	0	0	0	0

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	Environmental Protection Measures	Capital Investment (Lacks)
Environmental Monitoring	Water and Air	5

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Proposed to install Incineration plant	Zero liquid discharge	500

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Industry has Valid consent

Name & Designation

Shri. Ramchandra S. Patil, Maneking Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000074551

Submitted On:

30-09-2024