



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000044243

Submitted Date

23-08-2022

PART A

Company Information

Company Name

Rajarambapu Patil Sahakari Sakhar Karakhana Ltd
Rajaramnagar Unit 1

Application UAN number

MPCB-CONSENT-0000111780

Address

Rajaramnagar, Post - Sakharale

Plot no

1,2,4,20-25,1152,1170-76,1304-28,1335

Taluka

Walwa

Village

Rajaramnagar-Sakharale

Capital Investment (In lakhs)

3580.61

Scale

L.S.I

City

Sangli

Pincode

415414

Person Name

Ramchandra D. Mahuli

Designation

Managing Director

Telephone Number

9970900500

Fax Number

02342220869

Email

env@rajarambapusugar.com

Region

SRO-Sangli

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CAC/UAN no. MPCB-
Consent-0000116997
&0000111780/CR-2110000509

Consent Issue Date

2021-10-11

Consent Valid Upto

31/07/2022

Establishment Year

1981

Date of last environment statement submitted

Sep 14 2021 12:00:00:000AM

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

Product Information

Product Name

Rectified spirit/Ethanol/Extra neutral alcohol

Consent Quantity

182250

Actual Quantity

14822.536

UOM

KL/A

Fuseal oil

333

0

KL/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

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
Cooling	0.00	0.00
Domestic	10.00	8.00
All others	10.00	0.00
Total	795.00	763.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Spentwash	630	355	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
R.S./Ethanol/ENA	12.7	13.9	

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 C	3.37	0.56	Ton/Ton
B Heavy	0	1.08	Ton/Ton
Syrup	0	1.51	Ton/Ton
Yeast	0.69	0.68	Ton/Ton
DAP	1.58	1.55	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Steam taken from sugar unit	0	22727	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	Standard	Reason
	Quantity	Concentration	%variation		
BOD	4847	13653	---	0	Usd for composting
COD	13473	37953	----	0	Usd for composting
Total dissolved solids	15029	42336	--	0	Usd for composting
Sulphate	2164	6096	---	---	Usd for composting

[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		
Total Particulate Matter (TPM)	132.52	40.33	---	50	Within limit

Part-D

HAZARDOUS WASTES

1) From Process

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

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

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

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Yeast sludge	55	145	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	Ltr/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
0	0	Ltr/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Yeast sludge	145	MT/A	Mixed with pressmud and used for composting

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)
Treated water is used for irrigation of own land	0	0	0	0	55	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)

Various aspects of environment protection such as effluent, emission, hazardous waste, solid waste , tree plantation, monitoring data acquisition

For environment protection & green belt development

55

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

Environmental Protection Measures

Capital Investment (Lacks)

Various aspects of environment protection such as effluent, emission, hazardous waste, solid waste , tree plantation, monitoring data acquisition

For environment protection & green belt development

50

Part-I

Any other particulars for improving the quality of the environment.

Particulars

1. Recycling of water wherever possible, 2. Reduction in water consumption, 3. Reduction in fuel consumption, 4. Implementation of environmental management programme to reduce environmental impact on environment, 5. Tree plantation in surrounding area

Name & Designation

Mr. R.D.Mahuli Managing Director

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000044243

Submitted On:

23-08-2022