



# 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-0000044323

### Submitted Date

25-08-2022

## PART A

### Company Information

#### Company Name

Rajarambapu Patil Sahakari Sakhar Karakhana Ltd  
Rajaramnagar Unit 1

#### Application UAN number

MPCB-CONSENT-0000143697

#### 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)

32869.05

#### 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

R12 Sugar ( excluding Khandsari)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000143694

#### Consent Issue Date

Not issued

#### Consent Valid Upto

31/07/2022

#### Establishment Year

1968

#### Date of last environment statement submitted

Sep 9 2021 12:00:00:000AM

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

### Product Information

#### Product Name

Sugar  
Acetobactor  
Azotobactor  
Phosphate Solubeling Bacteria  
Rhizobium  
Electricity

#### Consent Quantity

27500  
600  
12000  
12000  
600  
28

#### Actual Quantity

22766.9  
532  
21647  
22050  
0  
24.46

#### UOM

Ltr/A  
Ltr/A  
Ltr/A  
Ltr/A  
  
Mwh

### By-product Information

#### By Product Name

#### Consent Quantity

#### Actual Quantity

#### UOM

Bagasse	57084	55431
Molasses	8143	7076
Pressmud	7958	7720

## 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	840	603.00
Domestic	400	325.00
All others	100	80.00
<b>Total</b>	<b>0</b>	<b>0.00</b>
	1340	1008.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Daily effluent from factory	784	585	CMD
Domestic effluent	80	65	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 (excluding Khandsari)	0.50	0.79	
Power Generating plants (excluding D.G Sets)	0.33	0.28	

### 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	8.32	8.65	Ton/Ton
Lime	0.012	0.012	Ton/Ton
Sulphur	0.0022	0.0023	Ton/Ton
Orthophosphoric acid	0.022	0.023	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	217008	219908	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	35.68	60.91	---	100	Within limit
COD	86.58	147.93	----	250	Within limit

Total dissolved solids	528.25	902.74	--	2100	Within limit
Sulphate	90.85	155.37	---	1000	Within limit

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/NM3)</b>	<b>Percentage of variation from prescribed standards with reasons</b>	<b>Standard</b>	<b>Reason</b>
	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>		
Total Particulate Matter (TPM)	132.52	40.33	---	50	Within limit

**Part-D**

**HAZARDOUS WASTES**

**1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	0	0	MT/A

**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	288	267	Ltr/A

**Part-E**

**SOLID WASTES**

**1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Boiler ash	0	0	MT/A

**2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Boiler ash	13126	4398	MT/A

**3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
5.1 Used or spent oil	288	267	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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
5.1 Used or spent oil	267	Ltr/A	Sold to authorised recycler

**2) Solid Waste**

<b>Type of Solid Waste Generated</b>	<b>Qty of Solid Waste</b>	<b>UOM</b>	<b>Concentration of Solid Waste</b>
Boiler ash	4398	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.

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
Treated water is used for irrigation of own land	0	0	0	0	35	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**

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

##### **Environmental Protection Measures**

For environment protection & green belt development

##### **Capital Investment (Lacks)**

35

#### [B] Investment Proposed for next Year

##### **Detail of measures for Environmental Protection**

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

##### **Environmental Protection Measures**

For environment protection & green belt development

##### **Capital Investment (Lacks)**

30

## 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-0000044323

#### Submitted On:

25-08-2022