



**FORM V**

(See Rule 14)

**Environmental Audit Report for the financial Year ending the 31st March 2021**

**Unique Application Number**

MPCB-ENVIRONMENT\_STATEMENT-0000032169

**Submitted Date**

06-05-2021

**PART A**

**Company Information**

**Company Name**

M/s. Shreenath Mhaskoba Sakhar  
Karkhana Ltd,

**Application UAN number**

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**Address**

At. Shreenathnagar, Patethan, Post-  
Rahu, Tal-Daund, Dist- Pune

**Plot no**

Gat No. 141

**Taluka**

Daund

**Village**

Patethan

**Capital Investment (In lakhs)**

125.43

**Scale**

Large Scale

**City**

Daund

**Pincode**

412207

**Person Name**

D.M. Raskar

**Designation**

Chief Executive Officer

**Telephone Number**

9923002924

**Fax Number**

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**Email**

smskl@rediffmail.com

**Region**

SRO-Pune I

**Industry Category**

Red

**Industry Type**

R12 Sugar ( excluding Khandsari)

**Last Environmental statement submitted online**

yes

**Consent Number**

No. CAC/UAN No. MPCB-  
CONSENT-0000092888/CR-2008001104 date- 28.8.2020

**Consent Issue Date**

10/10/2019

**Consent Valid Upto**

31.7.2021

**Establishment Year**

2005

**Date of last environment statement submitted**

May 23 2020 12:00:00:000AM

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

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**Product Information**

**Product Name**

Sugar

**Consent Quantity**

105000.000

**Actual Quantity**

69190.500

**UOM**

MT/A

**By-product Information**

**By Product Name**

Molasses

**Consent Quantity**

42560.000

**Actual Quantity**

39980.000

**UOM**

MT/A

Pressmud

35672.000

28675.000

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
Water Consumption for Process	300	300
Cooling	320	320
Domestic	68	68
All others	0	0
<b>Total</b>	<b>688</b>	<b>688</b>

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Sugar Factory	500	270	CMD
Domestic	35	30	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	0.740	0.720	MT/A
Molasses	1.399	1.245	MT/A
Pressmud	2.037	1.738	MT/A
Bagasse	0.270	0.250	MT/A

### 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
Lime	0.0130	0.017	MT/A
O.P. Acid	0.0057	0.003	MT/A
Sulphur	0.0043	0.0049	MT/A
Caustic soda	0.0145	0.0052	MT/A
Lubricants	0.0358	0.0339	MT/A
Sugar Cane	9.979	10.518	MT/A
Bagasse used as fuel	2.196	2.420	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Bagasse	202500.000	167430.000	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
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	<b>Quantity</b>	<b>Concentration</b>	<b>%variation</b>	<b>Standard</b>	<b>Reason</b>
pH	8.2	--	--	5.5 to 9.0	--
BOD 3 Days	78.0	156.0	--	100	--
COD	212.0	424.0	--	250	--
Suspended solids	36.0	72.0	--	100	--
Oil & grease	4.4	8.8	--	10	--
TDS	340.0	680.0	--	2100	--
Chlorides	53.0	106.0	--	600	--
Sulphates	50.1	100.2	--	100	--

**[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>		
Particulate Matter	374.6	76.2	--	150	--

**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	2820	4435	Kg/Annum

**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	3760	6640	Kg/Annum

**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	1880	2990	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	2350	4150	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>
0	--	--	KI

**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>
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**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	4150	MT/A	40 %

**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>
Reuse of process of water	270	0	0	0	0	0
Tree plantation	0	0	0	0	35	0
E.T.P.	0	0	0	0	75	0
Online monitoring system	0	0	0	0	22	0
Venture wet scrubber	0	0	0	0	85	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**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Tree Plantation	Protection of environment	4.5

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Tree Plantation	Protection of environment	4.0

**Part-I****Any other particulars for improving the quality of the environment.****Particulars**

Maximum tree planitation.

**Name & Designation**

D.M. Raskar ( Chief Executive Officer )

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000032169

**Submitted On:**

06-05-2021



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000034000

### Submitted Date

11-08-2021

## PART A

### Company Information

#### Company Name

Shreenath Mhaskoba sakhar karkhana Ltd. ( Distillery unit )

#### Application UAN number

MPCB-CONSENT-0000099789

#### Address

At. Shreenathnagar, Patethan, Post- Rahu, Tal- Daund, Dist- Pune.

#### Plot no

225-1/2

#### Taluka

Daund

#### Village

Shreenathnagar, Patethan

#### Capital Investment (In lakhs)

2000.00

#### Scale

L.S.I

#### City

Pune

#### Pincode

#### Person Name

D.M. Raskar

#### Designation

Chief Executive Officer

#### Telephone Number

7755992811

#### Fax Number

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#### Email

dm@shreenathsugar.com

#### Region

SRO-Pune I

#### Industry Category

Red

#### Industry Type

R60 Distillery ( molasses / grain /yeast based)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000099789

#### Consent Issue Date

30.12.2020

#### Consent Valid Upto

31.08.2022

#### Establishment Year

2019

#### Date of last environment statement submitted

Jul 26 2020 12:00:00:000AM

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

RED

### Product Information

#### Product Name

Rectified spirit OR ENA

#### Consent Quantity

14850

#### Actual Quantity

13052.803

#### UOM

KL/A

Ethanol (fuel Alcohol)

14850

5871.395

KL/A

Fusel oil

25.2

16.102

KL/A

### By-product Information

#### By Product Name

NA

#### Consent Quantity

0

#### Actual Quantity

0

#### UOM

KL/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
Cooling	515	510
Domestic	182	175
All others	20	16
Total	0	0
	717	701

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	440	416 m3/day, after volume reduction 79 m3/day.	CMD
Domestic	16	15	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
Distillery including Fermentation Industry	5.95	5.85	CMD
Distillery including Fermentation Industry	0	0	CMD
Distillery including Fermentation Industry	0	0	CMD

### 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
Urea	0	0	Kg/Annum
DAP	0	0	Kg/Annum
Anti foam	0	0	Kg/Annum
Molasses	2.61	2.60	MT/A

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
GAS	16800	15600	

## 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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	NA	NA	NA	NA	NA

#### [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
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## Part-D

### HAZARDOUS WASTES

#### 1) From Process

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

#### 2) From Pollution Control Facilities

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

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Distillation Residue	17	55	Ton/Y

#### 2) From Pollution Control Facilities

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

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

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

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Yeast sludge	55	Ton/Y	NA
Bio digester sludge	40	Ton/Y	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)
Rectified Spirit	110	0	0	0	NA	NA

## Part-H

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### 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)**

Bio-methanation fallowed by MEE and Concentrate with Bio-Composting.

MEE , Wet Scrubber.

68.12 Cr.

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

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

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

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

Green Belt

Tree Plantation

10 Lacks.

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## Part-I

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### Any other particulars for improving the quality of the environment.

#### Particulars

The factory had done extensive plantation in & around the factory premises and maintain good housekeeping.

#### Name & Designation

D.M.Raskar Chief Executive Officer .

#### UAN No:

MPCB-ENVIRONMENT\_STATEMENT-0000034000

#### Submitted On:

11-08-2021