



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2019

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000017668

### Submitted Date

30-08-2019

### Company Information

#### Company Name

Shree Datta Shetakari Sahakari Sakhar  
Karkhana Ltd.

#### Application UAN number

0000028806

#### Address

Dattanagar, Shirol

#### Plot no

251

#### Taluka

Shirol

#### Village

Dattanagar

#### Capital Investment (In lakhs)

2621.21

#### Scale

L.S.I

#### City

Shirol

#### Pincode

416120

#### Person Name

M.V.Patil

#### Designation

Maneging Director

#### Telephone Number

02322-236552

#### Fax Number

02322236600

#### Email

dssskpo@gmail.com

#### Region

SRO-Kolhapur

#### Industry Category

Red

#### Industry Type

R60 Distillery ( molasses / grain  
/yeast based)

#### Last Environmental statement submitted online

yes

#### Consent Number

Format-1.0/BO/CAC-CELL/UAN  
No.0000051668/R/CAC-1903001336

#### Consent Issue Date

25/03/2019

#### Consent Valid Upto

31/08/2019

### Product Information

#### Product Name

Industrial Alcohol

#### Consent Quantity

8640

#### Actual Quantity

6383.033

#### UOM

KL/A

Ethanol

4320

3530

KL/A

### By-product Information

#### By Product Name

Fusel Oil

#### Consent Quantity

11.52

#### Actual Quantity

7.93

#### UOM

KL/A

### 1) Water Consumption in m3/day

#### Water Consumption for Process

Consent Quantity in m3/day

600

Actual Quantity in m3/day

475

#### Cooling

150

150

#### Domestic

6

6

#### All others

Nil

Nil

**Total** 756 631

**1) Effluent Generation in CMD / MLD**

| <b>Particulars</b> | <b>Consent Quantity</b> | <b>Actual Quantity</b> | <b>UOM</b> |
|--------------------|-------------------------|------------------------|------------|
| Trade Effluent     | 435                     | 355.85                 | CMD        |
| Domestic           | 3                       | 3                      | CMD        |

**2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)**

| <b>Name of Products (Production)</b> | <b>During the Previous financial Year</b> | <b>During the current Financial year</b> | <b>UOM</b> |
|--------------------------------------|---|--|------------|
| Industrial Alcohol                   | 14.97                                     | 13.39                                    | Ton/Ton    |

**3) Raw Material Consumption (Consumption of raw material per unit of product)**

| <b>Name of Raw Materials</b> | <b>During the Previous financial Year</b> | <b>During the current Financial year</b> | <b>UOM</b> |
|------------------------------|---|--|------------|
| Molasses                     | 5.97                                      | 5.87                                     | Ton/Ton    |
| Antifoam                     | 0.0076                                    | 0.0032                                   | Ton/Ton    |
| Steam                        | 3.989                                     | 3.947                                    | Ton/Ton    |
| Urea                         | 0.00096                                   | 0.0007                                   | Ton/Ton    |
| D.A.P                        | 0.00097                                   | 0.0007                                   | Ton/Ton    |
| Enzyme                       | 0.00012                                   | 0.00011                                  | Ton/Ton    |
| Power                        | 0.2996                                    | 0.281                                    | Mwh        |

**4) Fuel Consumption**

| <b>Fuel Name</b> | <b>Consent quantity</b> | <b>Actual Quantity</b> | <b>UOM</b> |
|------------------|-------------------------|------------------------|------------|
| NA               | NA                      | NA                     | Ton/Ton    |

**Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)**

**[A] Water**

| <b>Pollutants Detail</b> | <b>Quantity of Pollutants discharged (kL/day) Quantity</b> | <b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b> | <b>Percentage of variation from prescribed standards with reasons %variation</b> | <b>Standard</b> | <b>Reason</b> |
|--------------------------|--|---|--|-----------------|---------------|
| NA                       | NA   | NA  | NA   | NA              | NA            |

**[B] Air (Stack)**

| <b>Pollutants Detail</b> | <b>Quantity of Pollutants discharged (kL/day) Quantity</b> | <b>Concentration of Pollutants discharged(Mg/NM3) Concentration</b> | <b>Percentage of variation from prescribed standards with reasons %variation</b> | <b>Standard</b> | <b>Reason</b>   |
|--------------------------|--|---|--|-----------------|---|
| NA                       | NA   | NA  | NA   | NA              | Steam is taken from Urjankur Shree Datt Power Compny Ltd. on BOOT Principle |

**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> |
|-----------------------------|---|--|------------|
| 0                           | NA  | NA   |            |

**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> |
|-----------------------------|---|--|------------|
| 0                           | NA  | NA   | MT/A       |

**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> |
|---------------------------------|---|--|------------|
| Compost production              | 42542                                       | 39396                                      | 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> |
|---------------------------------|---|--|------------|
| Yeast Sludge                    | 1142  | 1024.85                                    | 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                 | NA  | NA   | 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**

| <b>Type of Hazardous Waste Generated</b> | <b>Qty of Hazardous Waste</b> | <b>UOM</b> | <b>Concentration of Hazardous Waste</b> |
|--|-------------------------------|------------|---|
| 0  | NA                            | MT/A       | NA                                      |

**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> |
|--------------------------------------|---------------------------|------------|-------------------------------------|
| Compost                              | 39396                     | MT/A       | NA                                  |
| Yeast sludge                         | 1024.85                   | MT/A       | NA                                  |

**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> |
|--------------------|--|---|---------------------------------------|---|------------------------------------|--|
| Process            | 600  | NA  | NA                                    | NA  | NA                                 | NA                                       |

**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> |
|--|--|-----------------------------------|
| NA   | NA                                       | NA                                |

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

| <b>Detail of measures for Environmental Protection</b> | <b>Environmental Protection Measures</b>   | <b>Capital Investment (Lacks)</b> |
|--|--|-----------------------------------|
| Propose to apply expansion of Production Capavity      | Tree plantation shall be further increased | NA                                |

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

**Particulars**

NA

**Name & Designation**

