



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2018

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000011539

### Submitted Date

19-09-2018

### Company Information

#### Company Name

Shree Chhatrapati Shahu S.S.K. Ltd., Kagal,  
(Distillery Unit)

#### Application UAN number

0000028938 & 0000029784

#### Address

Shrimant Jaysingrao Ghatge Bhavan, A/p-  
Kagal, Dist:- Kolhapur - 416 216

#### Plot no

148-150, 154-156, 161, 172-186

#### Taluka

Kagal

#### Village

Kagal

#### Capital Investment (In lakhs)

2033

#### Scale

LSI

#### City

Kolhapur

#### Pincode

416216

#### Person Name

Mr. J. A. Chavan

#### Designation

Managing Director

#### Telephone Number

9552581374

#### Fax Number

02325244241

#### Email

enveng@shahusugar.com

#### Region

SRO-Kolhapur

#### Industry Category

Red

#### Industry Type

R60 Distillery ( molasses / grain /yeast based)

#### Last Environmental statement submitted online

yes

#### Consent Number

Consent No. Format - 1.0/BO/CAC-CELL/UAN No.  
0000028938 & 0000029784/R/CAC-1801000448

#### Consent Issue Date

10/01/2018

#### Consent Valid Upto

31/08/2018

### Product Information

#### Product Name

Rectified Spirit

#### Consent Quantity

16200

#### Actual Quantity

9206.589

#### UOM

KL/A

Ethanol

8100

1672.384

KL/A

### By-product Information

#### By Product Name

Fusel Oil

#### Consent Quantity

13.5

#### Actual Quantity

10.55

#### UOM

KL/A

### 1) Water Consumption in m3/day

#### Water Consumption for Process

Cooling

Domestic

#### Consent Quantity in m3/day

600

0

7

#### Actual Quantity in m3/day

570

0

6

<b>All others</b>	0	0
<b>Total</b>	607	576

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

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Raw Spentwash	600	390	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>
Rectified Spirit	377	570	CMD

### **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	26627	31986	MT/A
Steam	13991	16571	MT/A
Electrical Power	860	1268	Mwh

### **4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
STEAM IS TAKEN FROM PARENT SUGAR FACTORY	0	0	MT/A

### **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)</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour</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>		
PH OF COMPOST LEACHATE	0	7.5	0	5.5-9.0	within limit
BOD OF COMPOST LEACHATE	0	25	0	30	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>		
NA	0	0	0	0	0

### **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	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>
0	0	0	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>
Fermentation Residue	240	195	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>
NA	0	0	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	0	0	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	0	MT/A	0

**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>
NA	0	MT/A	0

**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>
NA	0	0	0	0	0	0

**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>
MEE Provided	MEE Provided	700

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
NA	0	0

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

**Particulars**

Plantation has been done in Distillery, Bio-digester & Compost Yard Premises.

**Name & Designation**

Mr.S.D.Naikwadi, Environment Engineer