



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-0000035213

Submitted Date

14-09-2021

PART A

Company Information

Company Name

Shree Chhatrapati Shahu S.S.K. Ltd.,
Kagal, [DISTILLERY UNIT]

Application UAN number

97980

Address

Shrimant Jaysingrao Ghatge Bhawan,
A/P-Kagal

Plot no

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

Taluka

Kagal

Village

Kagal

Capital Investment (In lakhs)

24.75

Scale

LSI

City

Kagal

Pincode

416216

Person Name

Mr.S.D.Naikwadi

Designation

Environment Engineer

Telephone Number

02325244214

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

Format-1.0/CAC/UAN No.MPCB-
CONSENT-0000097980/CO-2107000717

Consent Issue Date

14.07.2021

Consent Valid Upto

31.08.2020

Establishment Year

2002

Date of last environment statement submitted

Sep 14 2020 12:00:00:000AM

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

27AAAAS1032M1ZL

Product Information

Product Name

Rectified Spirit/ENA By using C-heavy Molasses

Consent Quantity

16200

Actual Quantity

5873

UOM

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 | 0 | 0 |
| Domestic | 5 | 4 |
| All others | 0 | 0 |
| Total | 605 | 544 |

2) Effluent Generation in CMD / MLD

| Particulars | Consent Quantity | Actual Quantity | UOM |
|---------------|------------------|-----------------|-----|
| Raw Spentwash | 600 | 470 | 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 |
|-------------------------------|------------------------------------|-----------------------------------|-----|
| Rectified Spirit | 590 | 575 | 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 |
|-----------------------|------------------------------------|-----------------------------------|------|
| Molasses | 37646 | 22334 | MT/A |
| Steam | 19544 | 18974 | MT/A |
| Electrical Power | 1297 | 1093 | Mwh |

4) Fuel Consumption

| Fuel Name | Consent quantity | Actual Quantity | UOM |
|--|------------------|-----------------|------|
| Steam is taken from parent Sugar Factory | 0 | 0 | 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 | | |
| PH of Compost Leachate | 0 | 7.2 | 0 | 5.5-9.0 | Within Limit |
| BOD of Compost Leachate | 0 | 27 | 0 | 100 | Within Limit |

[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 | | |
| NA | 0 | 0 | 0 | 0 | 0 |

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 | MT/A |

Part-E

SOLID WASTES

1) From Process

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|--------------------------|--------------------------------------|-------------------------------------|------|
| Fermentation Residue | 195 | 150 | MT/A |

2) From Pollution Control Facilities

| Non Hazardous Waste Type | Total During Previous Financial year | Total During Current Financial year | UOM |
|--------------------------|--------------------------------------|-------------------------------------|------|
| NA | 0 | 0 | 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 | 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 |
|-----------------------------------|------------------------|------|----------------------------------|
| 0 | 0 | MT/A | 0 |

2) Solid Waste

| Type of Solid Waste Generated | Qty of Solid Waste | UOM | Concentration of Solid Waste |
|-------------------------------|--------------------|------|------------------------------|
| NA | 0 | MT/A | 0 |

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) |
|-------------|---|--|--------------------------------|--------------------------------------|-----------------------------|-----------------------------------|
| NA | 0 | 0 | 0 | 0 | 0 | 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

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

[B] Investment Proposed for next Year

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

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Large Scale Plantation done in the Distillery, Bio-Digester & Compost Yard premises in monsoon period.

Name & Designation

Mr.S.D.Naikwadi, Environment Engineer

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000035213

Submitted On:

14-09-2021