



# 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-0000038219

### Submitted Date

29-09-2021

## PART A

### Company Information

#### Company Name

Krantiagrani Dr. G. D. Babu Lad Sahakari Sakhar Karkhana Ltd., Kundal

#### Application UAN number

MPCB-CONSENT-0000076145

#### Address

Kundal

#### Plot no

2955

#### Taluka

Palus

#### Village

Vita Road

#### Capital Investment (In lakhs)

8160.37

#### Scale

L.S.I

#### City

Sangli

#### Pincode

#### Person Name

C. S. Gavhane

#### Designation

Managing Director

#### Telephone Number

7722054013

#### Fax Number

02346271602

#### Email

krantidistillery@gmail.com

#### Region

SRO-Sangli

#### Industry Category

Red

#### Industry Type

R60 Distillery ( molasses / grain /yeast based)

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB-CONSENT-0000076145

#### Consent Issue Date

07/01/2020

#### Consent Valid Upto

31/08/2024

#### Establishment Year

2018

#### Date of last environment statement submitted

Aug 24 2020 12:00:00:000AM

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

### Product Information

#### Product Name

Rectified Spirit / ENA / Ethanol

#### Consent Quantity

19800

#### Actual Quantity

12048.58

#### UOM

KL/A

Fusel Oil

165

10

KL/A

Electricity

660

288

Mwh

### By-product Information

#### By Product Name

Potash Rich Ash

#### Consent Quantity

19800

#### Actual Quantity

1152

#### UOM

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
Cooling	735	280.00
Domestic	160	150.00
All others	50	30.00
Total	0	0.00
	945	460.00

### 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent (spentwash)	480	480	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	5.40	4.46	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
Nutrients N, P	0.001739	0.001313	
Turkey Red Oil	0.003525	0.003535	
Molasses	3.57	3.66	

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	13464	12786	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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	0	0	0	0

#### [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
Particulate Matter	38.40	60	0	150	0

## Part-D

### HAZARDOUS WASTES

### 1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	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	MT/A

## Part-E

### SOLID WASTES

#### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Yeast Sludge	712	790	MT/A

#### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Boiler Ash	1022.88	1120	MT/A

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

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	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
20.3 Distillation residues	0	MT/A	0

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Yeast Sludge	790	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)
MEE is used for evaporation of spent wash and concentrated spent wash is used for incineration boiler. Process condensate water is recycled after treatment in CPU.	450	130	40000	0	1143	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>
NA	0	0

---

**[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

## Part-I

---

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

**Particulars**

Multiple effect evaporator is used for concentration of spent wash. Concentrated spent wash is used for incineration boiler. ESP is used as air pollution control equipment. Condensate is treated in CPU and recycled. Factory has planted and conserve 66310 trees.

**Name & Designation**

C. S. Gavhane - Managing Director

**UAN No:**

MPCB-ENVIRONMENT\_STATEMENT-0000038219

**Submitted On:**

29-09-2021