



## FORM V

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

**Unique Application Number**

MPCB-ENVIRONMENT\_STATEMENT-0000011100

**Submitted Date**

11-09-2018

**Company Information****Company Name**Padmabhushan Krantiveer Dr. Nagnathanna  
Nayakawadi Hutatma Sahakari Sakhar Karakhana  
Ltd. Nagnathannanagar , Walwe**Application UAN number**

0000029984

**Address**At Post - Walwe Taluka - Walwe Dist - Sangli  
416313**Plot no**

NA

**Taluka**

Walwa

**Village**

Walwa

**Capital Investment (In lakhs)**

4681.04

**Scale**

L.S.I.

**City**

Walwa

**Pincode**

416313

**Person Name**

D. J. Patil

**Designation**

Managing Director

**Telephone Number**

02342267540

**Fax Number**

02342267539

**Email**

hutatmassk@gmail.com

**Region**

SRO-Sangli

**Industry Category**

Red

**Industry Type**

R12 Sugar ( excluding Khandsari)

**Last Environmental statement submitted online**

yes

**Consent Number**Format 1.0/BO/CAC-CELL/UAN No.  
0000012934/R/CAC-1712000213**Consent Issue Date**

23/08/2018

**Consent Valid Upto**

31/08/2019

**Product Information****Product Name**Rectified Spirit ( Pure & Impure)  
Extra Neutral Alcohol OR Ethanol**Consent Quantity**81000  
81000**Actual Quantity**3058.581  
1823.926**UOM**MT/A  
MT/A**By-product Information****By Product Name**

Fusel Oil

**Consent Quantity**

9

**Actual Quantity**

6.3

**UOM**

MT/A

**1) Water Consumption in m3/day****Water Consumption for Process****Cooling****Domestic****All others****Total****Consent Quantity in m3/day**

200

350

5

0

555

**Actual Quantity in m3/day**

450

80

5

0

535

**1) Effluent Generation in CMD / MLD****Particulars****Consent Quantity****Actual Quantity****UOM**

Trade	240	180	CMD
Domestic	1	5	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 ( Pure & Impure)	0	21.77	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	0	6.56	Ton/Ton
Urea	0	0.00106	Ton/Ton
D.A.P.	0	0.00098	Ton/Ton
Yeast	0	0.00069	Ton/Ton
Antifoam	0	0.00143	Ton/Ton
Steam	0	3.83	Ton/Ton

## **4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
NA	NA	NA	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) 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	NA

## **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	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>
5.1 Used /spent oil	4	3	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	0	12177.1	MT/A

## 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Yeast sludge	0	1332	MT/A
Biological sludge (ETP)	0	1332	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	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used /spent oil	3	MT/A	NA

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Compost	12177.1	MT/A	NA
ETP sludge	1332	MT/A	NA
Yeast sludge	1332	MT/A	NA

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)
Spent wash concentration	200	30%	NA	NA	100	NA

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)
Process	Anaerobic digestr, Composting and MEE	1200

### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	NA

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

### Particulars

Tree Plantation

### Name & Designation

Shri. D. J. Patil - Managing Director .



## FORM V

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

**Unique Application Number**

MPCB-ENVIRONMENT\_STATEMENT-0000012182

**Submitted Date**

25-09-2018

**Company Information****Company Name**Padmabhushan Krantiveer Dr. Nagnathanna  
Nayakawadi Hutatma Sahakari Sakhar Karakhana  
Ltd. Nagnathannanagar , Walwe**Application UAN number**

0000053369

**Address**At Post - Walwe Taluka - Walwe Dist - Sangli  
416313**Plot no**

1012

**Taluka**

Walwa

**Village**

Walwa

**Capital Investment (In lakhs)**

12405.19

**Scale**

L.S.I.

**City**

Walwa

**Pincode**

416313

**Person Name**

Shri. D. J. Patil

**Designation**

Managing Director

**Telephone Number**

02342267540

**Fax Number**

02342267539

**Email**

hutatmassk@gmail.com

**Region**

SRO-Sangli

**Industry Category**

Red

**Industry Type**

R12 Sugar ( excluding Khandsari)

**Last Environmental statement submitted online**

yes

**Consent Number**Format 1.0/BO/CAC-CELL/UAN No.  
0000012934/R/CAC-1712000213**Consent Issue Date**

07/12/2017

**Consent Valid Upto**

31/07/2018

**Product Information****Product Name**

Sugar

**Consent Quantity**

65200

**Actual Quantity**

90480

**UOM**

MT/A

**By-product Information****By Product Name**

Molasses

**Consent Quantity**

22820

**Actual Quantity**

28509

**UOM**

MT/A

Bagasse

182560

197171.45

MT/A

pressmud

22820

23265.90

MT/A

**1) Water Consumption in m3/day****Water Consumption for Process****Consent Quantity in m3/day**

600

**Actual Quantity in m3/day**

148.53

**Cooling**

200

139.43

**Domestic**

80

42.76

**All others**

00

00

**Total**

880

330.72

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

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Trade effluent	350	208.589	CMD
Domestic	80	75	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>
Sugar	0.309	0.268	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>
Bagasse	2.167	1.907	Ton/Ton
lime	0.01345	0.0132	Ton/Ton
sulphur	0.00361	0.004479	Ton/Ton
Lubricants Oil & Grease	0.0000125	0.0002444	Ton/Ton
Steam	3.462	3.474	Ton/Ton

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Bagasses	NA	172587.1	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>		
BOD	10.8466	52	NA	100	NA
COD	28.99	139	NA	250	NA
Chloride	4.797	23	NA	600	NA
TDS	120.982	580	NA	2100	NA
Sulphate	7.51	36	NA	1000	NA
pH	7.81	7.81	NA	5.5 - 9.0	NA

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day)</b>	<b>Concentration of Pollutants discharged(Mg/MM3)</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>		
PM (Stack -1)	272.85	110	NA	<150	NA
PM (Stack -2)	255.94	118	NA	<150	NA
SO2 (Stack -1)	59.53	24	NA	<80	NA
SO2 (Stack -2)	54.23	25	NA	<80	NA

**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	Nil	Nil	MT/A

## 2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	8.0	10.0	MT/A

## SOLID WASTES

### 1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Pressmud	21969.12	23254.82	MT/A
Boiler Ash	626.12	724.86	MT/A

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Fly Ash	1692.83	1863.94	MT/A
ETP sludge	50	60	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	Nil	Nil	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

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used /spent oil	10.0	MT/A	NA

### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Pressmud	23254.82	MT/A	NA
ash	2588.81	MT/A	NA
ETP sludge	60.0	MT/A	NA

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)
Cooling Water (Condensate)	500	5%	2%	10%	30	10

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)
NA	NA	Nil

### [B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
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**Any other particulars in respect of environmental protection and abatement of pollution.**

**Particulars**

NA

**Name & Designation**

Shri. D. J. Patil ( Managing Director )