



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-0000036937

Submitted Date

27-09-2021

PART A

Company Information

Company Name

M/s. Jaywant Sugars Limited.

Application UAN number

MPCB-CONSENT-0000075858

Address

83 to 90, 92,93,95,98,99 Sr.
90,106,107,108,111,112,113,115
Dhavarwadi, Karad, Satara

Plot no

83 to 90, 92,93,95,98,99 Sr.
90,106,107,108,111,112,113,115

Taluka

Karad

Village

Dhavarwadi

Capital Investment (In lakhs)

8019.79

Scale

Red_LSI

City

Karad

Pincode

Person Name

Shri Charudatta Narhar Deshpande

Designation

Managing Director

Telephone Number

7769899999

Fax Number

Email

jaywantsugar2016@gmail.com

Region

SRO-Satara

Industry Category

Red

Industry Type

other

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CAC/UAN No.MPCB-
CONSENT-0000075858/CR-1911000378

Consent Issue Date

2020-09-07

Consent Valid Upto

31.08.2022

Establishment Year

2017

Date of last environment statement submitted

Sep 10 2020 12:00:00:000AM

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

Product Information

Product Name

Rectified Spirit

Consent Quantity

14850

Actual Quantity

12358.00

UOM

KL/A

Extra Neutral Alcohol

14190

2114.00

KL/A

Absolute Alcohol

13530

7318.00

KL/A

Impure Spirit

900

776.00

KL/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Carbon Di-Oxide	10560	8614	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	77	75.20
Domestic	6	5.92
All others	5	4.93
Total	455	448.35

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	337	330.76	CMD
Domestic Effluent	4.5	4.15	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	7.5367	9.46	KL/A
Extra Neutral Alcohol	0.0000	55.35	KL/A
Absolute Alcohol	16.4099	15.99	KL/A
Impure Spirit	136.7476	150.8	KL/A
Carbon Di-oxide	13.5925	13.58	KL/A

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	2.5565	2.19	MT/A
Yeast	0.0000	0.0443	MT/A
Urea	0.0012	0.0011	MT/A
Defoaming	0.0002	0.69	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	26400	23579.64	MT/A
Spent Wash	37620	37320.00	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
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[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		
TPM	00	108.5	-	150	-

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0.03	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
Boiler Ash	1208	1369.5	MT/A
Yeast Sludge	2416	266.20	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
—	00	00	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	00	00	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
5.1 Used or spent oil	0.03	MT/A	Oily Liquid

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Boiler Ash	1369.5	MT/A	Powder
Yeast Sludge	266.20	MT/A	Solid

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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Environmental Pollution Monitoring	Water & Air (Prevention and Control of Pollution)	1.8
Tree Plantation	Air (Prevention and Control of Pollution)	5.75
Air Pollution Control System	Air (Prevention and Control of Pollution)	30.0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Environmental Pollution Monitoring	Water & Air (Prevention and Control of Pollution)	2.0
Tree Plantation	Air (Prevention and Control of Pollution)	7.5
Air Pollution Control System	Air (Prevention and Control of Pollution)	35.0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company has valid MPCB Consent order. The Environmental Pollution Monitoring is carried on daily & periodically basis. Raw spent wash is concentrated in MEE System. The concentrated spent wash is blend with coal & burnt in 21 TPH incineration boiler. MEE condensate is treated in condensate polishing unit. Hence our distillery plant achieved zero liquid discharge (ZLD).

Name & Designation

Shri Charudatta Narhar Deshpande_President

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000036937

Submitted On:

27-09-2021