



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000078519

Submitted Date

27-05-2025

PART A

Company Information

Company Name

Proposed setup of new grain based 210
KLPD Ethanol Distillery Unit By M/S.
Sufalam Industries Limited

Application UAN number

RED/L.S.I (R60) No:- Format1.0/CC/UAN No.
MPCB CONSENT- 0000211870/CO/2407002382

Address

Village D 3, MIDC, Deori, Taluka - Deori,
District Gondia, Maharashtra State

Plot no

D 3

Taluka

Deori

Village

Village D 3, MIDC

Capital Investment (In lakhs)

145.03 Crores

Scale

L.S.I

City

Deori

Pincode

441901

Person Name

Mr. Hardik Agrawal

Designation

Director

Telephone Number

8600023787

Fax Number

0

Email

hardik@sufalamindustries.com

Region

SRO-Bhandara

Industry Category

Red

Industry Type

R60 Distillery (molasses / grain /yeast based)

Last Environmental statement submitted online

no

Consent Number

RED/L.S.I (R60) No:- Format1.0/CC/UAN No.
MPCB CONSENT- 0000211870/CO/2407002382

Consent Issue Date

2024-07-25

Consent Valid Upto

2027-06-30

Establishment Year

2023

Date of last environment statement submitted

Jan 1 1900 12:00:00:000AM

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

Product Information

Product Name

Distillery including Fermentation Industry - Ethanol

Consent Quantity

12390

Actual Quantity

9443.579

UOM

KL/A

Power Generation (TG set)

5

2.28

Mwh

By-product Information

By Product Name

Distillers' Dry Grain with Soluble (DDGS)

Consent Quantity

8024

Actual Quantity

5900

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	957.00	940.00
Domestic	1063.00	1058.00
All others	18.00	18.00
Total	0.00	0.00
	2038.00	2016.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	861	815	CMD
Domestic effluent	16	14.7	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
Ethanol	0	3.5	Ton/Ton

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
Liquefying Enzyme (240 KNU)	0	0.00018	Ton/Ton
Saccharifying Enzyme (750 AGU)	0	0.00061	Ton/Ton
Active Dry Yeast	0	0.00027	Ton/Ton
Urea (46% w/w N2)	0	0.00004	Ton/Ton
Caustic (Lye 40% w/w)	0	0.0053	Ton/Ton
Maize (Corn) - 60% Convertible Starch	0	1.92	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	12744	12154	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- Inlet	0	3.8	NA	NA	NA
TDS- Inlet	192.34	236.0	NA	NA	NA

TSS- Inlet	0.326	0.4	NA	NA	NA
BOD- Inlet	660.15	810.0	NA	NA	NA
COD- Inlet	1426.25	1750.0	NA	NA	NA
PH- Outlet	0	6.78	NA	6.5-8.5	Within standard limit
TDS- Outlet	14.67	18	99.1428	<2100	Within standard limit
TSS- Outlet	0.32	0.4	99.6	<100	Within standard limit
BOD-Outlet	1.63	2.0	98	<100	Within standard limit
COD-Outlet	6.683	8.20	96.72	<250	Within standard 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		
TPM-630 KVA DG set	1.15	62.1	58.6	150	Within standard limit
SO2 -630 KVA DG set	1.32	71.4	10.75	80	Within standard limit
PM- 45 TPH boiler	224.6	112.6	24.93	150	Within standard limit
SO2- 45 TPH boiler	76.62	38.4	52	80	Within standard limit

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
5.1 Used or spent oil	0	0.05	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	0	3646.2	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
CPU sludge	0	11.5	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	0	0.05	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	0.05	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
CPU sludge	11.5	MT/A	NA
Bolier Ash	3646.2	MT/A	NA

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)
Recycling of condensate recycle after CPU treatment	600	0	0	0	150	15

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)
Operation and Maintenance of STP and CPU	Reduction of water pollution	25.00
Maintenance of Green belt	Reduce of air , noise and soil pollution	5.00

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Additional green belt	Reduce of air , noise and soil pollution	5.00

Part-I

Any other particulars for improving the quality of the environment.

Particulars

NA

Name & Designation

Mr. Hardik Agrawal, Director

UAN No:

Submitted On:

27-05-2025