



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000048602

Submitted Date

28-09-2022

PART A

Company Information

Company Name

Jubilant Ingrevia Limited

Application UAN number

NA

Address

Plot No.N-34, Anandnagar MIDC,
Ambarnath (East), 421506

Plot no

N-34

Taluka

Ambarnath

Village

Ambarnath

Capital Investment (In lakhs)

7141.57

Scale

Large Scale Industry

City

Ambarnath

Pincode

421506

Person Name

Santosh Laddha

Designation

Site Head

Telephone Number

9029259454

Fax Number

Email

G-jubl.Ambarnath.N34@jubl.com

Region

SRO-Kalyan II

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format 1.0/CC/UAN
No.000006851/2207000029

Consent Issue Date

2022-07-18

Consent Valid Upto

2026-01-31

Establishment Year

2010

Date of last environment statement submitted

May 13 2021 12:00:00:000AM

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

Product Information

Product Name

2-ChloroPyridine

Consent Quantity

2804

Actual Quantity

0

UOM

MT/A

2,6Dichloropyridine and other pyridine intermediates

1200

60.672

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

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	76.5	6.24
Domestic	145.5	11.87
All others	30	2.44
Total	25	2.03
	277	22.58

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	64	5	CMD
Domestic effluent	25	2	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
2-Chloropyridine	0	0	Ton/Ton
2,6 Dichloropyridine and other pyridine intermediates	54	37.55	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
Alpha Picoline	0.653	0	Ton/Ton
Sulphuric Acid	0.280	0	Ton/Ton
Caustic Lye	0.132	0	Ton/Ton
Soda Ash	0.048	0	Ton/Ton
Liquid Chlorine Gas	1.851	0	Ton/Ton
1,2,4 Trichlorobenzene	0.221	0	Ton/Ton
Heptanes	1.261	0	Ton/Ton
2 Chloro Pyridine	0	0.85	Ton/Ton
Hydrogen Peroxide (50%)	0	0.89	Ton/Ton
Catalyst	0	0.048	Ton/Ton
Caustic Flakes	0	0.30	Ton/Ton
30% NaHS	0	1.68	Ton/Ton
30%HCl	0	0.20	Ton/Ton
Activated Carbon	0	0.032	Ton/Ton
Hyflo	0	0.014	Ton/Ton
EDTA	0	0.002	Ton/Ton
Zinc Sulphate	0	1.07	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
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Coal	7138	919
Briquette	10177	1599

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
Zero Liquid Discharge	0	0	NA	0	NA

[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
SO2	2.89	133.075	NA	367	NA
PM	0.438	14.775	NA	150	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
28.1 Process Residue and wastes	31.37	9.79	MT/A
28.1 Process Residue and wastes	11.42	0	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	10.18	6.57	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	0	15.79	MT/A
37.3 Concentration or evaporation residues	0	43.63	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Not Applicable	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal Ash	24.78	29.27	MT/A
Coal Ash	0	63.46	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
28.1 Process Residue and wastes	9.79	MT/A	Process Residue
35.3 Chemical sludge from waste water treatment	15.79	MT/A	ETP Sludge
37.3 Concentration or evaporation residues	43.63	MT/A	MEE salt
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	6.57	MT/A	Contaminated plastic liners with glass wool

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Not Applicable	0	MT/A	Not Applicable

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)
Installed sewage treatment plant	5	0	0	0	7	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)
New Scrubber tank installed	To reduce gas emission to the atmosphere during emergency situation.	1

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Replacement of Air Preheater of two boilers	It will reduce fuel consumption & less ash generation	14
Multiple effect evaporator replacement for capacity enhancement	During capacity enhancement, we will reuse all treated water for process.	100

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Zero Liquid Discharge condition maintained.

Name & Designation

Santosh Laddha, Site Head

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000048602

Submitted On:

28-09-2022