



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2026

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000101206

Submitted Date

28-09-2026

PART A

Company Information

Company Name

Jubilant Ingrevia Limited.

Application UAN number

MPCB-CONSENT-
AMMENDMENT-0000009279

Address

Jubilant Ingrevia
G.No.24,25,25.2,26,26.2,27,27.2,28,32,45,20.1,Village Nimbut Nira,
Tal.Baramati, Dist.Pune

Plot no

24,25,25.2, 26,26.2, 27, 27.2, 28, 32, 45, 20.1

Taluka

Baramati

Village

Nimbut

Capital Investment (In lakhs)

27950.00

Scale

L.S.I

City

Nira

Pincode

412102

Person Name

Dr. Yogesh Koparkar

Designation

Director & Site Head

Telephone Number

7756055500

Fax Number

02115242841

Email

jubl.nira@jubl.com

Region

SRO-Pune I

Industry Category

Red

Industry Type

R60 Distillery (molasses
/ grain /yeast based)

Last Environmental statement submitted online

yes

Consent Number

MPCB-CONSENTAMMENDMENT-
0000009279/23060000113

Consent Issue Date

2023-06-06

Consent Valid Upto

2027-08-31

Establishment Year

1963

Date of last environment statement submitted

Sep 29 2025
12:00:00:000AM

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

Product Information

Product Name

Ethyl Alcohol (94%) (Rectified Spirit) OR

Consent Quantity

36500

Actual Quantity

0

UOM

KL/A

Ethyl Alcohol (99.8%) (Anhydrous Alcohol)

36500

0

KL/A

Liquid CO2

18250

0

MT/A

Ethyl Acetate

121910

91599.73

MT/A

Acetic Anhydride

76650

48069.76

MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Alkyl Pyridine	65.70	0	MT/A
Elemental Sulfur	1460	0	MT/A

MPCB
Vendor/Supplier
Details

Category of Vendor/Agency/Party	Name of Vendor/Agency	Consent Details/UAN No.	EPR Related Details	MPCB Authorization/Registration/Implementation Details, if Applicable
Other	M/s. Maharashtra Environ Power Ltd. (MEPL)	MPCB-CONSENT-0000120288	NA	Hazardous waste of MPCB Authorization.

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	5468.00	374.67
Domestic	300.00	231.40
All others	0.00	0.00
Total	8268.00	1375.67

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
RSW Generation - Distillery Plant	1050	0	CMD
Trade Effluent- Chemical Plant	493	403.8	CMD
Domestic Effluent	156.7	136.1	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
Acetic Anhydride	0.06	0.03	M3/Anum
Ethyl Acetate	1.24	1.37	M3/Anum
Ethyl Alcohol	0	0	M3/Anum
Liquid CO2	0	0	M3/Anum

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
Acetic Acid for Acetic Anhydride	1.2039	1.201	Ton/Ton
Ethyl Alcohol for Ethyl Acetate	0.6927	0.721	Ton/Ton
Acetic Acid for Ethyl Acetate	0.684	0.685	Ton/Ton
Molasses	0	0	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	189800	75671.10	MT/A
HSD	2108	14.324	KL/A
LSHS	9194	3855.01	KL/A
Biogas	40436160	0	M3/Anum
LDO	8784	0	KL/A
Producer Gas	104314080	0	M3/Anum
Biomass	189800	0	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		
	Quantity	Concentration	%variation	Standard	Reason
PH	0	7.37	0	6.5 to 8.5	Nil
TSS	10.57	26.17	0	100	Nil
BOD	6.06	15	0	100	Nil
Oil & Grease	0	0	0	10	Nil
Nitrates as N	2.09	5.19	0	10	Nil
Arsenic	0	0	0	0.2	Nil
Hexavalent Chromium	0	0	0	0.1	Nil
Total Chromium	0	0	0	1	Nil
Lead	0	0	0	0.1	Nil
Cynide as CN	0	0	0	0.2	Nil
Zinc	0	0	0	0.5	Nil
Mercury	0	0	0	0.01	Nil
Copper	0	0	0	2	Nil
Nickel	0	0	0	2	Nil
Phenolics as C6H3OH	0	0	0	5	Nil
Sulphides	0	0	0	2	Nil
Bio Assay Test	93	93	0	90% Survival in 96 Hours	Nil
COD	21.13	52.33	0	250	Nil
Chloride	107	264	0	600	Nil
TDS	543	1344	0	2100	Nil

[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
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	Quantity	Concentration	%variation	Standard	Reason
Boiler A & B - PM	0	0	0	150	Nil
Boiler A & B - SO2	0	0	0	1300	Nil
Boiler C - PM	0	0	0	150	Nil
Boiler C - SO2	0	0	0	-	Nil
Boiler D - PM	0	0	0	150	Nil
Boiler D - SO2	0	0	0	200	Nil
Boiler E - PM	0	0	0	150	Nil
Boiler E - SO2	0	0	0	864	Nil
Boiler F - PM	0.05	28.29	0	150	Nil
Boiler F - SO2	230.49	276.15	0	2600	Nil
Boiler G - PM	0.05	27.58	0	150	Nil
Boiler G - SO2	206.13	127.74	0	1800	Nil
DG I - PM	0.05	25.77	0	150	Nil
DG I - SO2	0.14	66.10	0	57.6	Nil
DG II - PM	0.05	25.80	0	150	Nil
DG II - SO2	0.14	67.53	0	57.6	Nil
DG III - PM	0.06	30.67	0	150	Nil
DG III - SO2	1.61	80.10	0	57.6	Nil
AC2O I - PM	0.08	40.19	0	150	Nil
AC2O I - SO2	10.31	151.82	0	225	Nil
AC2O II - PM	0.05	26.87	0	150	Nil
AC2O II - SO2	87.70	123.02	0	681.84	Nil

Part-D

<u>HAZARDOUS WASTES</u>			
<u>1) From Process</u>			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
1.2 Tarry residues and still bottoms from distillation	58.90	57.67	MT/A
20.1 Contaminated aromatic, aliphatic or napthenic solvents may or may not be fit for reuse.	99.25	109.72	MT/A
5.1 Used or spent oil	0.448	0.44728	KL/A
33.2 Contaminated cotton rags or other cleaning materials	0.007	0.123	MT/A
36.1 Any process or distillation residue	0	0	MT/A
<u>2) From Pollution Control Facilities</u>			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	281.51	176.63	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Coal Ash	5962.74	9236	MT/A
Fermentation Sludge	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
CETP Sludge / ETP Sludge	188.80	204.4	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
1.2 Tarry residues and still bottoms from distillation	65.810	MT/A	Cal. Value- 4673.62 CAL/GM, pH- 2.51
20.1 Contaminated aromatic, aliphatic or napthenic solvents may or may not be fit for reuse.	115.450	MT/A	Cal. Value- 6417 CAL/GM, Flash Point - 103 Deg. C The total quantity of hazardous waste generated under Category 20.1 (Contaminated Aromatic, Aliphatic or Naphthenic Solvents May or May Not Be Fit for
35.3 Chemical sludge from waste water treatment	186.000	MT/A	Cal. Value- 0 CAL/GM, pH- 8.8
5.1 Used or spent oil	0.44728	KL/A	Flash Point - <200 F, pH- 7.5
33.2 Contaminated cotton rags or other cleaning materials	0.123	MT/A	Data not available
36.1 Any process or distillation residue	0	MT/A	No Generation
1.2 Tarry residues and still bottoms from distillation	0	MT/A	From PG Plant- No Generation
17.2 Spent catalyst	0	MT/A	From DA Plant -No Generation
35.4 Oil and grease skimming	0	MT/A	No Generation

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Coal Ash	9236	MT/A	95% Ash and 5% Carbon
CETP Sludge / ETP Sludge	204.4	MT/A	20 % suldge and remaining water
Fermentation Sludge	0	MT/A	No Generation

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)
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Hazardous Waste sent to MEPL	0	0	0	0	24.97	0
Environmental Monitoring from MoEF Approved Lab	0	0	0	0	4.07	0
Green Belt Development	0	0	0	0	0.05	0
Air Pollution	0	0	0	0	14.77	0
Water Pollution	0	0	0	0	841.50	0

Part-H

<u>Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.</u>		
<u>[A] Investment made during the period of Environmental Statement</u>		
<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Replacement of Boiler G Economiser coils.	For Efficient Operation	35
Revamping of Boiler-G chimney stack. It involves replacement of all 3 Nos top segments (total length 15mtr) with new segments.	For Efficient Operation, hence Pollution Control	21
Procurement of 1 Nos. Online COD Analyzer for ETP Inlet effluent analysis	Efficient Monitoring Purpose	10

<u>[B] Investment Proposed for next Year</u>		
<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Installation of Lime & bed material adding system in Boiler F	Adding of lime is necessary due to controlling SOX limit ,To maintain MPCB Compliance & Auto feeding /adding of bed material is improving Boiler efficiency & safety of manual bed charging .	43

Part-I

<u>Any other particulars for improving the quality of the environment.</u>	
<u>Particulars</u>	
a) Available open plot area 276239 Sq. Meter and Green Belt coverage - 161874 Sq. Meter. b) Total Tree Plantation - 25142 Nos. c) Total Tree Surviving up to 31 March-2026 - 22628 for the period April-25 to March-26	
<u>Name & Designation</u>	
Dr. Yogesh Koparkar - Director & Site Head	
<u>UAN No:</u>	
MPCB-ENVIRONMENT_STATEMENT-0000101206	
<u>Submitted On:</u>	
28-09-2026	