



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-0000079774

Submitted Date

28-06-2025

PART A

Company Information

Company Name

M/S DRT-Anthea Aroma Chemicals Private Limited

Application UAN number

Format1.0/CC/UAN No.MPCB
CONSENT-0000225540/CR/2503000842

Address

Plot No. 49,50 & 51A, Dhatav, Roha
MIDC Tal Roha, Dist Raigad

Plot no

49,50 & 51A

Taluka

ROHA

Village

DHATAV

Capital Investment (In lakhs)

13227.69

Scale

L.S.I

City

ROHA

Pincode

402116

Person Name

DR.PAUL MENACHERY

Designation

MANAGING DIRECTOR

Telephone Number

02194264730

Fax Number

0

Email

sbabu@anthea-aromatics.com

Region

SRO-Raigad II

Industry Category

Red

Industry Type

R22 Organic Chemicals manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CC/UAN No.MPCB
CONSENT-0000225540/CR/2503000842

Consent Issue Date

2025-03-07

Consent Valid Upto

2030-01-31

Establishment Year

2002

Date of last environment statement submitted

Sep 27 2024 12:00:00:000AM

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

Product Information

Product Name

Anthamber

Consent Quantity

1800

Actual Quantity

193.82

MT/A

Terpene Alcohols and Esters (such as Dihydromyrcenol, Geraniol, Nerol, Linalool, Geranyl Acetate, Linalyl Acetate and Neryl Acetate)

3840

522.51

MT/A

Methyl Pentenone

3120

80.00

MT/A

Myrcene

4800

951.85

MT/A

Dihydromyrcenol

2400

181.32

MT/A

Anthamber CR (Preclomone)

2100

501.20

MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
Tops and High Boilers from distillation operations of Anthamber, Anthamber CR, Dihydromyrcenol, Geraniol, Nerol, Linalool, Methyl Pentenone and Dihydromyrcene (i.e. Anthamber Terpenes, Methyl Pen	3540	567.81	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	345.00	101.20
Domestic	27.50	8.00
All others	20.00	5.80
Total	579.73	169.89

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	128.76	35	CMD
Domestic effluent	22	8	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
Anthamber	14.15	1.33	CMD
Terpene Alcohols and Esters,(such as Dihydromyrcenol, Geraniol, Nerol,Linalool, Geranyl Acetate andLinalyl Acetate)	29.36	42.86	CMD
Methyl Pentenone	2	3.03	CMD
Myrcene	0	0.0	CMD
Dihydromyrcenol	0	1	CMD
Anthamber CR (Preclomone)	0	6.68	CMD

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
Myrcene	1732.5	2173.35	MT/A
Caustic soda flakes	332.25	198.65	MT/A
HCL	873.825	482.957	MT/A
Triethyl Amine	54.9	33.75	MT/A
Triethanol Amine	18.63	16.27	MT/A
Acetaldehyde	316.5	264	MT/A
Aluminium Chloride	28.545	27.32	MT/A
Beta Pinene	3091.73	2961.14	MT/A
Methyl Ethyl Ketone	500.4	420.2	MT/A

Phosphoric Acid	56.4	37.2	MT/A
Methanol	57.4	14.94	MT/A
Acetic Anhydride	0	48.198	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
LSHS	23360	1727	MT/A
HSD	350	168	Ltr/Hr

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	0	7.5	0	6.0 to 8.5	NA
BOD	1.2	33	0	100	NA
COD	4.8	130	0	250	NA
TSS	0.7	19	0	100	NA
Oil & Grease	0.04	1	0	10	NA
Total Dissolved Solid	26.3	707	0	2100	NA
TAN	0.04	1	0	50	NA
Chlorides	2.7	72	0	600	NA
Sulphate	7	189	0	1000	NA

[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		
Steam Boiler Stack (TPM)	0	42.27	0	50	NA
Steam Boiler Stack (SO2)	3.6	0	0	640	NA
Thermic Fluid Heater (TPM)	0	44.02	0	50	NA
Steam Boiler Stack (TPM)	4.18	0	0	640	NA
D.G. Set (TPM)	0	47.65	0	50	NA
D.G. Set (SO2)	5.12	0	0	147	NA
Process Vent-1 (Acid Mist)	0	0	0	35	NA
Process Vent-2 (Acid Mist)	0	0	0	35	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
20.3 Distillation residues	0	0	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
36.2 Spent carbon or filter medium	2.93	2.77	MT/A
5.1 Used or spent oil	0	0	MT/A
33.2 Contaminated cotton rags or other cleaning materials	0.52	0	MT/A
Other Hazardous Waste	2.83	3.85	MT/A
35.3 Chemical sludge from waste water treatment	420	287.2	MT/A
37.3 Concentration or evaporation residues	760.3	765.9	MT/A
Other Hazardous Waste	0.8	4.2	MT/A
Other Hazardous Waste	0	1.7	MT/A
Other Hazardous Waste	0	2.6	MT/A

Part-E**SOLID WASTES****1) From Process**

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
None	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
None	0	0	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
36.2 Spent carbon or filter medium	2.77	MT/A	75%
Other Hazardous Waste	3.85	MT/A	75%
35.3 Chemical sludge from waste water treatment	287.2	MT/A	75%
37.3 Concentration or evaporation residues	765.9	MT/A	75%

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
None	0	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)
None	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)
Replacement of damaged RO filters	Reduction in Raw Water consumption	8
Replacement of leakage piping in MEE plant	Reduce excess steam consumption	12

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
To Provide Fume Extraction Scrubber on Neutralization & Equalization Tank	Reduce Fume to Atmosphere	18
Replacement of Carbon and Sand filter From ETP and RO	Reduce Suspended Solid	5

Part-I

Any other particulars for improving the quality of the environment.

Particulars

Tree Plantation nearby area , Environment Day celebration & awareness program in the factory.

Name & Designation

MR. AMOL BAGADE GM-OPERATIONS

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000079774

Submitted On:

28-06-2025