



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-0000087032

Submitted Date

28-09-2025

PART A

Company Information

Company Name

Benzo Chem Industries Private Ltd.

Application UAN number

0000145878

Address

B-26,27 & 14,15 M.I.D.C. AREA,
Dasarkhed Tal. Malkapur Dist.
Buldhana

Plot no

B-26,27 & 14,15 M.I.D.C. AREA

Taluka

MALKAPUR

Village

DASARKHED

Capital Investment (In lakhs)

5835

Scale

LSI

City

MALKAPUR

Pincode

443101

Person Name

PRALHAD ZOPE

Designation

General Manager-Works

Telephone Number

07267262245

Fax Number

07267262341

Email

zope@benzochem.co.in

Region

SRO-Akola

Industry Category

Red

Industry Type

R22 Organic Chemicals
manufacturing

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CC/UAN No.MPCB-
CONSENT-0000145878/CO/2304000668

Consent Issue Date

2023-04-12

Consent Valid Upto

2026-09-30

Establishment Year

1997

Date of last environment statement submitted

Sep 28 2024 12:00:00:000AM

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

Product Information

Product Name

2,5 DI METHYL PHENYL ACETYL CHLORIDE

Consent Quantity

1644

Actual Quantity

108.00

UOM

MT/A

ORTHO CHLORO PHENYL ACETIC ACID

1644

157.007

MT/A

PARA CHLORO BENZYL CYANDINE

1644

89.450

MT/A

PARA CHLORO PHENYL ACETIC ACID

1644

57.450

MT/A

2,4,6 TRI METHYL PHENYL ACETYL CHLORIDE

1644

120

MT/A

ORTHO METHYL BENZYL CHLORIDE

1644

45.0

MT/A

2,4 DI CHLORO BENZYL CYANIDE	960	216.700	MT/A
META CHLORO BENZYL CYANIDE	960	258.732	MT/A
METHYL 2 CHLORO PHENYL ACETATE	960	36.255	MT/A
ORTHO CHLORO BENZYL CHLORIDE	960	52.433	MT/A
ORTHO METHYL PHENYL ACETIC ACID	960	15.912	MT/A
PARA METHYL BENZYL CHLORIDE	960	29.200	MT/A
META CHLORO BENZYL CHLORIDE	960	1.272	MT/A
ORTHO CHLORO BENZYL CYANIDE	960	43.801	MT/A
ORTHO METHYL BENZYL CYANIDE	960	26.200	MT/A
2-PHENYL ACETYL CHLORIDE	960	2.2	MT/A
ORTHO ANISOYL CHLORIDE 75% SOLUTION IN ETHYLENE DI CHLORIDE	156	6.402	MT/A

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
HYDROCHLORIC ACID	1200	411.083	MT/A
SODIUM CHLORIDE	472.8	105.00	MT/A
SODIUM SULPHITE	240	180.0	MT/A
AMMONIA	780	173.735	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	441.10	225.00
Domestic	20.00	12.00
All others	65.00	10.00
Total	567.90	283.50

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	72.55	21.94	CMD
Domestic Effluent	16	8.80	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
PARA CHLORO BENZYL CYANIDE	0.010	0.001	MT/A
ORTHO CHLORO BENZYL CHLORIDE	1.51	6.62	MT/A
2,4 DI CHLORO BENZYL CYANIDE	107.7	0.003	MT/A
METHYL 2-CHLORO PHENYL ACETATE	0.011	4.58	MT/A
2,5 DI METHYL PHENYL ACETYL CHLORIDE	0.06	0.001	MT/A
2,4,6 TRI METHYL PHENYL ACETYL CHLORIDE	0.04	0.001	MT/A
ORTHO METHYL BENZYL CYANIDE	0.05	3.31	MT/A

ORTHO METHYL PHENYL ACETIC ACID	5.36	2.01	MT/A
PARA CHLORO PHENYL ACETIC ACID	0	7.25	MT/A
ORTHO METHYL BENZYL CHLORIDE	0	5.68	MT/A
META CHLORO BENZYL CYANIDE	0	0.003	MT/A
PARA METHYL BENZYL CHLORIDE	0	3.69	MT/A
META CHLORO BENZYL CHLORIDE	0	1.61	MT/A
ORTHO CHLORO BENZYL CYANIDE	0	5.53	MT/A
2 PHENYL ACETYL CHLORIDE	0	2.78	MT/A
ORTHO ANISOYL CHLORIDE 75% SOLUTION in Ethylene Di Chloride	0	6.08	MT/A
ORTHO CHLORO PHENYL ACETIC ACID	0	0.002	MT/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
1,3,5 TRI METHYL BENZENE	283.355	131.083	MT/A
2,4 DI CHLORO BENZYL CHLORIDE	155.152	11.039	MT/A
BENZYL TRI ETHYL AMMONIUM CHLORIDE-	1.557	3.240	MT/A
BLEACHING POWDER	0.164	0.042	MT/A
CAUSTIC SODA FLAKES	302.243	201.153	MT/A
CAUSITC SODA LYE	416.371	322.116	MT/A
FORMALDEHYDE SOLUTION	194.148	91.096	MT/A
HYDROCHLORIC ACID	552.331	1287.171	MT/A
LIQUID CHLORINE	117.0	182.575	MT/A
META CHLORO TOLUENE	138.960	120.285	MT/A
METHANOL	6.879	20.052	MT/A
PEG -400	11.493	8.680	MT/A
SODA ASH	22.300	11.423	MT/A
SODIUM BICARBONATE	2.068	4.336	MT/A
SODIUM CYANIDE	441.332	252.00	MT/A
SODIUM SULPHITE	3.075	8.525	MT/A
THIONYL CHLORIDE	577.688	184.888	MT/A
TOLUENE	180.465	140.0	MT/A
TRI ETHYL AMINE	8.375	7.736	MT/A
CATALYST "X"	0.737	1.578	MT/A
TETRA BUTYL AMMONIUM BROMIDE -50% SOLN	11.053	4.925	MT/A
PARA FORMALDEHYDE	185.550	40.001	MT/A
PARA XYLENE	388.833	186.710	MT/A
ORTO CHLORO BENZYL CHLORIDE	22.740	118.861	MT/A
ORTHO XYLENE	51.179	86.818	MT/A
PARA CHLORO BENZYL CYANIDE	149.625	108.0	MT/A
SULPHURIC ACID	27.945	31.834	MT/A

HYDROGEN PEROXIDE	3.552	7.548	MT/A
META CHLORO BENZYL CHLORIDE	110.086	200.250	MT/A
POTASSIUM CARBONATE	18.754	4.757	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	16816	5424	MT/A
Agro Waste	16816	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	Standard	Reason
	Quantity	Concentration	%variation		
Suspended Solids	0.02	1	0	-	-
BOD	0.08	12	0	-	-
COD	0.38	60	0	-	-
Oil & Grease	0.03	4	0	-	-
Total Dissolved Solids	10.38	180	0	-	-

[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		
PM (Boiler S 1)	8.92	86.38	-	-	-
Sulphur Dioxide (Boiler S1)	16.01	154.92	-	-	-
PM (D G 1010 KVA)	1.36	20	-	-	-
Sulphur Dioxide (D G 1010 KVA)	10.9	160	-	-	-

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	30.790	36.460	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	4.710	11.00	MT/A
37.3 Concentration or evaporation residues	132.380	108.970	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
-	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	163.95	170.0	MT/M

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
20.3 Distillation residues	36.460	MT/A	Send to MEPL Nagpur
35.3 Chemical sludge from waste water treatment	11.00	MT/A	Send to MEPL Nagpur
37.3 Concentration or evaporation residues	108.970	MT/A	Send to MEPL Nagpur

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
-	0	MT/A	-

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)
Water	0	0	0	0	50.0	0
Air	0	0	0	0	14.0	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)
-	-	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection Environmental Protection Measures Capital Investment (Lacks)

Upgradation of ETP	to reduce water pollution	50.0
Air Pollution Control devices	to reduce gases pollution	14.0
Tree Plantation	to control gases pollution	7.3

Part-I

Any other particulars for improving the quality of the environment.

Particulars

B-26,27 & 14,15 M.I.D.C. AREA, Dasarkhed Tal.Malkapur City Malkapur Dist.Buldhana is maintained all rule ,regulation & clean environment & effluent parameters are within limits as per MPCB consent conditions.

Name & Designation

PRALHAD ZOPE General Manager-Works

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000087032

Submitted On:

28-09-2025