



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000060327

Submitted Date

27-09-2023

PART A

Company Information

Company Name

BENZO CHEM INDUSTRIES PVT LTD

Application UAN number

MPCB-CONSENT-0000125229

Address

B-24, 25 & B-16, 17 MIDC Area, Dasarkhed

Plot no

B-24,25,16,17

Taluka

MALKAPUR

Village

31988 Sq.Meter

Capital Investment (In lakhs)

5851.36

Scale

L.S.I

City

Buldhana

Pincode

443001

Person Name

M.A.SAPKAL

Designation

PLANT HEAD

Telephone Number

7559367814

Fax Number

0

Email

productioneu@benzochem.co.in

Region

SRO-Akola

Industry Category

Red

Industry Type

R58 Pharmaceuticals

Last Environmental statement submitted online

no

Consent Number

MPCB-CONSENT-0000125229

Consent Issue Date

2023-01-19

Consent Valid Upto

2025-02-28

Establishment Year

2009

Date of last environment statement submitted

Sep 28 2022 12:00:00:000AM

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

Product Information

Product Name

2-Coumaranone 30% with Acetic Anthydride 70%

Consent Quantity

4800

Actual Quantity

2474.15

MT/A

2-HYDROXY PHENYL ACETIC ACID/ORTHO HYDROXY PHENYL ACETIC ACID (OHPAA)

360

3.42

MT/A

3- CHLORO 2-METHYL ANISOL /2-METHOXY-6-CHLOROTOLUENE.

480

171.15

MT/A

3-ISO CHROMANONE

720

25.21

MT/A

METHYL 2-(2-CHLOROMETHYL) PHENYL ACETATE (MCPMA)

180

176.51

MT/A

By-product Information

By Product Name

SODIUM CHLORIDE POWDER

Consent Quantity

1200

Actual Quantity

262

UOM

MT/A

SODIUM SULPHATE SOLUTION	9600	174.83	MT/A
AMMONIA SOLUTION	1737.96	260.33	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	74.29	46.90
Domestic	97.00	59.83
All others	15.00	9.24
Total	0.00	0.00
	186.29	115.97

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade effluent	34.73	29.80	CMD
Domestic effluent	10.0	7.39	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-COUMARANONE WITH ACETIC ANHYDRIDE	15.30	3.06	CMD
2-HYDROXY PHENYL ACETIC ACID/ORTHO HYDROXY PHENYL ACETIC ACID (OHPAA)	0	3.06	CMD
3-ISO CHROMANONE	2.469	9.75	CMD
METHYL 2-(2-CHLOROMETHYL) PHENYL ACETATE (MCPMA)	4.68	9.75	CMD
3- CHLORO 2-METHYL ANISOL /2-METHOXY-6-CHLOROTOLUENE.	4.68	2.90	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
ACETIC ANHYDRIDE	0	0.70	Ton/Ton
CAUSTIC SODA LYE	0	0.52	Ton/Ton
HYDRO CHLORIC ACID	0	0.82	Ton/Ton
LIQUID CHLORINE	0	1.40	Ton/Ton
ORTHO CHLORO BENZYL CYANIDE	0	0.50	Ton/Ton
ORTHO METHYL PHENYL ACETIC ACID	0	2.52	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coal	10950	4453.371	Ton/Y

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
NA	0	0	ZLD	ZLD	ZLD

[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
TPM -	0	19	87.33	150	NA
Sulphur Di-oxide - SO2	5.17	0	97.84	240	0

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	0.840	0.940	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	4.780	4.630	MT/A
37.3 Concentration or evaporation residues	0	20.310	CMD

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	0	0	CMD

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Ash	0	1857.95	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	CMD

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
35.3 Chemical sludge from waste water treatment	4.630	MT/A	NA
20.3 Distillation residues	0.940	MT/A	NA

37.3 Concentration or evaporation residues

20.310

MT/A MEE sludge

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0	KL/Mnc	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)
The system of ISO 14001 is implemented to reduce water consumption.	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)
NA	0	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	0	0

Part-I**Any other particulars for improving the quality of the environment.****Particulars**

To monitor compliance of various specific provisions/safeguards of statutory laws/rules and stipulation of Environmental committees. Company has circulated code of conduct to every section. It highlights the good housekeeping, safety operations, maintenance of equipments and machinery and precautions to be taken to prevent the accident. Company is conducting regular training, exercise to plant personal to handle safety devices located in the plant.

Name & Designation

Mr.M.A.SAPKAL (PLANT HEAD)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000060327

Submitted On:

27-09-2023