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	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000058275	19-09-2023

PART A

Company Information

Company Name	***Application UAN number***	
BENZO CHEM INDUSTRIES PVT. LTD	0000015382	
Address		
E- 13 14 15 MIDC AREA JALGAON		
Plot no	***Taluka***	***Village***
E 13 14 15	JALGAON	JALGAON
Capital Investment (In lakhs)	***Scale***	***City***
572.44	MEDIUM	JALGAON
Pincode	***Person Name***	***Designation***
425003	Mr. Vijay Karanjkar	Factory Manager
Telephone Number	***Fax Number***	***Email***
82370009346	0	paresh@benzochem.co.in
Region	***Industry Category***	***Industry Type***
SRO-Jalgaon	Red	R22 Organic Chemicals manufacturing
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format1.0/BO/AST/UAN NO. 0000132196/CR/2205001727	2023-06-27
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2024-02-28	1986	Jan 1 1900 12:00:00:000AM
Industry Category Primary (STC Code) & Secondary (STC Code)		

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Para chloro meta cresol (PCMC)	120	17.285	MT/A
Sodium salt of para chloro meta cresol	2.2	0	MT/A
4-Chloro thymol	2.2	0	MT/A
1 – Chloro naphthalene	8	0.75	MT/A
2:4 Di chloro benzyl alcohol	17.2	4.826	MT/A
1-Chloro methylnaphthalene	152.4	63.222	MT/A
Para chloro meta xylenol	1.2	0	MT/A

Para chloro meta cresol/liquid/protector-1	1.2	0	MT/A
Ortho chloro phenyl acetic acid	1.2	0	MT/A
Dichloro meta xylenol (DCMX)	6	0	MT/A
1- Napthaldehyde	4.0	2.119	MT/A
2-Amino-2-phenyl butyric acid	20	19.85	MT/A
5-Chloro-2-hydroxy benzophenone	4.0	0	MT/A
2-Dimethylamino-2-phenyl-1-butanol	6.0	5.76	MT/A
4-Mehyoxy phenyl acetone	100	98.28	MT/A
Alpha bromo -2-chloro phenyl acetic acid methyl ester	150	95.158	MT/A
2,4-Di chloro meta xylenol	10	0.00	MT/A
Meta hydroxy phenyl acetic acid	01	0	MT/A
2-Phenyl butyric acid	3.0	2.83	MT/A
N-methyln-1-napthalenemethyl amine hydrochloride (N MAN:HCL)	10	0	MT/A
Ortho phthaladehyde (OPA)	2.0	1.92	MT/A
2-Chloro-4,6-dimethoxy-1,3,5-triazine	5.0	4.91	MT/A
1-Acetylnapthalene	10.0	0	MT/A
Para hydroxyl phenyl acetic acid	2.0	0	MT/A
4-mehyl benzyl chloride	5.0	0	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	***Consent Quantity in m3/day***	***Actual Quantity in m3/day***
Process	22.00	18.00
Cooling	80.00	52.00
Domestic	9.00	7.50
All others	0.00	0.00
Total	111.00	77.50

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Trade Effluent	21.7	16.20	CMD
Domsatic Effulent	6	5.45	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 CHORO META CRESOL (PCMC)	0.0042	0.960	CMD
4-Chloro thymol	0.00042	0	CMD
1 – Chloro naphthalene	0.000072	0.041	CMD

2:4 Di chloro benzyl alcohol	0.0021	0.268	CMD
1-Chloro methylnaphthalene	0.01599	3.512	CMD
Para chloro meta xylenol	0	0	CMD
1- Napthaldehyde	0.00058	0.1177	CMD
2-Amino-2-phenyl butyric acid	0.0038	1.102	CMD
5-Chloro-2-hydroxy benzophenone	0	0	KL/A
2-Dimethylamino-2-phenyl-1-butanol	0.00115	0.32	CMD
4-Mehyoxy phenyl acetone	18.6	5.46	KL/A
Alpha bromo -2-chloro phenyl acetic acid methyl ester	12	5.286	KL/A
2,4-Di chloro meta xylenol	0	0	KL/A
2-Phenyl butyric acid	649	0.157	KL/A
Ortho phthaladehyde (OPA)	823	0.106	KL/A
2-Chloro-4,6-dimethoxy-1,3,5-triazine	453	0.272	KL/A
1-Acetylnapthalene	0	0	KL/A
Sodium salt of para chloro meta cresol	0.97	0	KL/A
Para chloro meta cresol/liquid/protector-1	0	0	KL/A
Ortho chloro phenyl acetic acid	0	0	KL/A
Dichloro meta xylenol (DCMX)	10.7	0	KL/A
Meta hydroxy phenyl acetic acid	0	0	KL/A
N-methyln-1-napthalenemethyl amine hydrochloride (N MAN:HCL)	0	0	KL/A
Para hydroxyl phenyl acetic acid	0	0	KL/A
4-mehyl benzyl chloride	0	0	KL/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***
Meta cresol	1	1.829	MT/A
sulphuryl chloride	1	1.329	MT/A
chlorine	0.04	0	MT/A
soda ash	0.034	0.052	MT/A
sulphuric acid	0.896	0.925	MT/A
sodium hydroxide	0.542	0	MT/A
anhydrous aluminium chloride	0.36	0.07	MT/A
sodium cyanide	0.452	2.22	MT/A
meta chloro benzyl cyanide	0.235	0	MT/A
para xylenen	0.0127	0	MT/A
poly ethyl glycol	0.0863	0.08	MT/A
napthalene	0.1	0.11	MT/A
ethylene dichloride	0.263	0	MT/A
potassuim carbonate	0.007	0.0075	MT/A
thymol	0.78	0	MT/A

sodium methoxide	0.236	0.46	MT/A
para formaldehyde	0.786	0.396	MT/A
sodium bisulphite	0.236	0	MT/A
thynoil chloride	0.200	0.455	MT/A
hydrochloric acid	2.3	2.90	MT/A
catalyst x aibin	0.486	0.40	MT/A
toluene	0.08	0.185	MT/A
zinc chloride	0.632	4.80	MT/A
acetic acid	0.653	1.14	MT/A
methyl 2 chloro propionate	1.36	1.36	MT/A
para anisialdehyde	0.79	0.86	MT/A
tetra ethyl ammonium bromide	0.05	0.15	MT/A
ethyl acetate	0.063	0	MT/A
2,4 dichloro benzyl chloride	1.369	6.50	MT/A
hexamine	0.963	4.20	MT/A
methanol	4.563	0.256	MT/A
paratoluene suphonic acid	0.0236	0	MT/A
cyclhexane	0.002	0	MT/A
ammonium bicarbonate	0.0063	1.985	MT/A
ethyle bromide	3.10	3.20	MT/A
tri ethyl benzyl ammonium chloride	0.076	0	MT/A
mono methyl amine 40%	0.456	0.456	MT/A
tri ethyl amine	0.0364	0	MT/A
para chloro phenol	0.63	0	MT/A
ortho dichloro bnezene	0.79	0.79	MT/A

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
COAL	3120.00	3001.493	MT/A
DIESEL	124800	21891	Ltr/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	0	0	ZLD	ZLD
Total Suspended Solids	0	00	0	ZLD	ZLD
Chloride	0	0	0	ZLD	ZLD
Biological Oxygen Demand	0	0	0	ZLD	ZLD
Chemical Oxygen Demand	0	0	0	ZLD	ZLD

Oil and Grease	0	0	0	ZLD	ZLD

[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***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
Particulate Matter	9.261	91.80	0	150	--
Sulphur Dioxide-SO2	1.36	129.00	0	240	--

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	8.587	10.466	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	23.825	23.13	MT/A

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	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
NA	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***
35.3 Chemical sludge from waste water treatment	23.13	MT/A	--
28.1 Process Residue and wastes	10.466	MT/A	--

2) Solid Waste

Type of Solid Waste Generated	***Qty of Solid Waste***	***UOM***	***Concentration of Solid Waste***
NA	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)
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)
Installation of Scrubber	To reduce air pollution	4.95

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
--	--	2.00

Part-I

Any other particulars for improving the quality of the environment.

Particulars

To monitor compaliances of various specific provision safeguard of statutory laws rules and stipulation of Environmental committees. Company has circulated code of conduct to every section. It heighlights the good houskeeping safety operations maintenance of equipments and macninery and precaution to be taken to prevent the accident. Companyis conduction regular training exercise to plant personal to handle safety devices

Name & Designation

Mr. Prashant Bhamare

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000058275

Submitted On:

19-09-2023