Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2022

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000050232	30-09-2022

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	2022-05-27
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2024-02-28	1986	Jun 27 2021 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	21.484	MT/A
Sodium salt of para chloro meta cresol	2.2	0	MT/A
4-Chloro thymol	2.2	2.18	MT/A
1 – Chloro naphthalene	8	0.375	MT/A
2:4 Di chloro benzyl alcohol	17.2	11.218	MT/A
1-Chloro methylnaphthalene	152.4	81.759	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	3	MT/A
2-Amino-2-phenyl butyric acid	20	19.56	MT/A
5-Chloro-2-hydroxy benzophenone	4.0	0	MT/A
2-Dimethylamino-2-phenyl-1-butanol	6.0	5.9	MT/A
4-Mehyoxy phenyl acetone	100	98	MT/A
Alpha bromo -2-chloro phenyl acetic acid methyl ester	150	19.3	MT/A
2,4-Di chloro meta xylenol	10	0.00	MT/A
Meta hydroxy phenyl acetic acid	01	0.55	MT/A
2-Phenyl butyric acid	3.0	2	MT/A
N-methyln-1-napthalenemethyl amine hydrochloride (N MAN:HCL)	10	0	MT/A
Ortho phthaladehyde (OPA)	2.0	1	MT/A
2-Chloro-4,6-dimethoxy-1,3,5-triazine	5.0	5	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	0.857	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
HYDRO CHLORIC ACID	117	55	MT/A
CHLORINETE CRESOL / CRECYLIC ACID	117	2.1	MT/A
SODIUM BISULFITE	30	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	14.00
Cooling	80.00	48.00
Domestic	9.00	6.80
All others	0.00	0.00
Total	111.00	68.80

2) Effluent Generation in CMD / MLD

Particulars	***Consent Quantity***	***Actual Quantity***	***UOM***
Trade Effluent	21.7	12.50	CMD
Domsatic Effulent	6	5.44	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)	10.2	0.0042	CMD

4-Chloro thymol	800	0.00042	CMD
1 – Chloro naphthalene	412	0.000072	CMD
2:4 Di chloro benzyl alcohol	12	0.0021	CMD
1-Chloro methylnaphthalene	12.2	0.01599	CMD
Para chloro meta xylenol	2	0	CMD
1- Napthaldehyde	586	0.00058	CMD
2-Amino-2-phenyl butyric acid	89.2	0.0038	CMD
5-Chloro-2-hydroxy benzophenone	488	0	KL/A
2-Dimethylamino-2-phenyl-1-butanol	345	0.00115	CMD
4-Mehyoxy phenyl acetone	18.6	18.6	CMD
Alpha bromo -2-chloro phenyl acetic acid methyl ester	12	0.0191	CMD
2,4-Di chloro meta xylenol	178.3	0	KL/A
2-Phenyl butyric acid	689	0.00382	CMD
Ortho phthaladehyde (OPA)	946	0.00195	CMD
2-Chloro-4,6-dimethoxy-1,3,5-triazine	453	0.00097	CMD
1-Acetylnapthalene	103	0	KL/A
Sodium salt of para chloro meta cresol	0	0.97	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)	0	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

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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	1.2	1	MT/A
sulphuryl chloride	1	1	MT/A
chlorine	0.03	0.04	MT/A
soda ash	0.027	0.034	MT/A
sulphuric acid	0.789	0.896	MT/A
sodium hydroxide	0.654	0.542	MT/A
anhydrous aluminium chloride	00	0.36	MT/A
sodium cyanide	0.010	0.452	MT/A
meta chloro benzyl cyanide	00	0.235	MT/A
para xylenen	0.005	0.0127	MT/A
poly ethyl glycol	0.003	0.0863	MT/A
napthalene	0.3	0.1	MT/A
ethylene dichloride	0.165	0.263	MT/A

potassuim carbonate	0.008	0.007	MT/A
thymol	0.89	0.78	MT/A
sodium methoxide	0.463	0.236	MT/A
para formaldehyde	0.976	0.786	MT/A
sodium bisulphite	0.030	0.236	MT/A
thynoil chloride	0.200	0.200	MT/A
hydrochloric acid	1	2.3	MT/A
catalyst x aibin	0.690	0.486	MT/A
toluene	0.01	0.08	MT/A
zinc chloride	0.788	0.632	MT/A
acetic acid	0.126	0.653	MT/A
methyl 2 chloro propionate	1	1.36	MT/A
para anisialdehyde	0.84	0.79	MT/A
tetra ethyl ammonium bromide	0.01	0.05	MT/A
ethyl acetate	0.023	0.063	MT/A
2,4 dichloro benzyl chloride	1	1.369	MT/A
hexamine	2	0.963	MT/A
methanol	3.456	4.563	MT/A
paratoluene suphonic acid	0.0425	0.0236	MT/A
cyclhexane	0.001	0.002	MT/A
ammonium bicarbonate	0.002	0.0063	MT/A
ethyle bromide	2.56	3.10	MT/A
tri ethyl benzyl ammonium chloride	0.001	0.076	MT/A
mono methyl amine 40%	0.325	0.456	MT/A
tri ethyl amine	0.089	0.0364	MT/A
para chloro phenol	0.50	0.63	MT/A
ortho dichloro bnezene	0.49	0.79	MT/A

4) Fuel Consumption

Fuel Name	***Consent quantity***	***Actual Quantity***	***UOM***
COAL	3120.00	2641.808	MT/A
DIESEL	124800	13827	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	92.61	0	150	--
Sulphur Dioxide-SO2	1.36	136.88	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	14.75	8.587	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	3.27	23.825	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	23.825	MT/A	--
28.1 Process Residue and wastes	8.587	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)*
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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-0000050232

Submitted On:

30-09-2022