



GHARDA CHEMICALS LIMITED

MIDC Lote Parshuram, Tal. Khed, Dist. Ratnagiri. Maharashtra (INDIA) - 415 722. Tel.: (02356) 664000.

GCL/MoEF/04/11/24

27.11.2024

Hon'ble Deputy Director General of Forests

Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur- 440001

Sub: Proposed Expansion of Agrochemicals, Synthetic Organic Chemicals & their Intermediates Manufacturing Plant Capacity, Captive Co-generation Power Plant (CPP) and Installation of Chlor-alkali manufacturing plant up to the production capacity of 89190.0 TPA for Products & Intermediates, 27480.0 TPA for Non-EC products (Pesticide Formulations) & 900439.2 TPA for Byproducts/Co-products, 28000 TPA for Inorganic products, CPP- 4.0 MW to 11 MW and WHRS 2.4MW to 6.4 MW located at Plot Nos. B-1/6, B-1/7, D-1/2, OS-8 & F-1/1 MIDC, Lote Parshuram, Taluka Khed, District Ratnagiri, Maharashtra by M/s Gharda Chemicals Limited.

**Ref: File No. J-11011/09/2016-IA-II (I) &
EC Identification No EC23A2001MH5257632N**

Respected Sir,

We refer to the above mentioned file no. vide which Environmental Clearance (E.C.) was granted to us.

In compliance with the general EC condition no. 1.2 mentioned in the E.C., we have uploaded our six monthly EC compliance report for the period of 1st April 2024 to 30th Sep. 2024 on Parivesh 2.0 portal. Copies of the report are enclosed herewith

This is for your information and reference please.

Thanking you,

Yours faithfully,

R. C. Kulkarni
Site Head

CC:

- 1) **Hon'ble Regional Director,**
Central Pollution Control Board,
Survey No. 110, Dhankude Multi-Purpose Hall,
Baner Road, Baner, Pune – 411045
- 2) **Hon'ble Member Secretary,**
Maharashtra Pollution Control Board, Kalpataru Point,
3rd and 4th floor, Opp. PVR Cinema,
Sion Circle, Mumbai-400 022.



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CHEMICALS
LIMITED, Project
Proponent

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Proposal Details

Proposal No	IA/MH/IND3/434383/2023	Category	Industrial Projects - 3		
Name of Project	Expansion of Agrochemicals, Synthetic Organic Chemicals & their Intermediates manufacturing plant and Captive Co-generation Power Plant and installation of Chlor-alkali manufacturing plant by Gharda Chemicals Limited				
Plot / Survey/ Khasra No.	Plot B-1/6, B-1/7, D-1/2, OS-8 & F-1/1 MIDC, Lote Parshuram, Taluka Khed, District Ratnagiri, Maharashtra-415722	Village(s)	Avashi	Sub-District(s)	Khed
State	MAHARASHTRA	District	RATNAGIRI		
MoEF File No	J-11011/09/2016-IA-II(I)	Name of the Entity/ Corporate Office	GHARDA CHEMICALS LIMITED	Entity's PAN	*****1255E
Entity Name as per PAN	GHARDA CHEMICALS LIMITED	Entity details mentioned above is correct ?	Agree		

Covering Letter

Covering Letter [Click to View](#)

Compliance Reporting Details

Reporting Year 2024 **Reporting Period** 01 Dec(01 Apr - 30 Sep)
Remark(if any) The compliance is for period of April-2024 to September-2024.

Details of Production and Project Area

Date of Commencement of Project/Activity 02-01-2024

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	22.0641	22.0641
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	22.0641	22.0641

Land Documents NA

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
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1	Bispyribac Sodium	Tons per Annum (TPA)	250	150	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
2	Metolachlor & intermediate (2-Methyl-6-ethyl phenyl)-(2-Methoxy- 1-methyl ethylidene) amines (2-Meth	Tons per Annum (TPA)	250	50	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
3	Metamitron	Tons per Annum (TPA)	250	50	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
4	Metazachlor & intermediates (Azomethane,Chloromethyl Acetanilide)	Tons per Annum (TPA)	3000	0	NA	null	0
5	Diuron and its intermediates (N Methyl-N- (3,4 Dichloro) Phenyl Carbamate)	Tons per Annum (TPA)	3000	930	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0
6	Aclonifen & intermediates (2,3,4-Trichloro nitro benzene, 2,3-Dichloro-6- nitro aniline (DICONA))	Tons per Annum (TPA)	3000	120	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0
7	Cyprosulfamide & intermediates (p-Toluene sulfonyl chloride,p-Toluene sulfonamide, p-Carboxy-benzen	Tons per Annum (TPA)	3000	350	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0
8	Imazethapyr	Tons per Annum (TPA)	3000	120	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
9	Glufosinate Ammonium	Tons per Annum (TPA)	3000	360	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
10	Pyroxsulam	Tons per Annum (TPA)	3000	120	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

11	Oryzalin & intermediates	Tons per Annum (TPA)	3000	0	NA	null	0.0
12	Bromoxynil Octanoate & intermediates	Tons per Annum (TPA)	36000	600	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
13	Bromoxynil Heptanoate & intermediates	Tons per Annum (TPA)	36000	600	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0
14	Sulfentrazone and its intermediates	Tons per Annum (TPA)	36000	2600	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
15	Pinoxaden and its intermediates (Route 1 OR 2)	Tons per Annum (TPA)	36000	1200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
16	Sulcotrione and its intermediates	Tons per Annum (TPA)	3000	1980	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
17	Clodinafop Propargyl & intermediates (FPDPA & FPDPA preparation)	Tons per Annum (TPA)	3000	520	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
18	Mesotrione and its intermediates (MCB Route) OR Mesotrione and its intermediates (TSC Route)	Tons per Annum (TPA)	3000	500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
19	Penoxsulam & it's intermediate	Tons per Annum (TPA)	1000	500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
20	Tembotrione and its intermediates	Tons per Annum (TPA)	1000	250	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

21	Sulfosulfuron & intermediates	Tons per Annum (TPA)	1000	250	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
22	Thiophanate methyl, OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
23	Propiconazole & intermediates,, OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
24	Hexaconazole & intermediates (Valeryl chloride,Valerophenone ,Oxirane) OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
25	Metalaxyl and its intermediates	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
26	Chloronil & intermediates (Trichlorophenol)	Tons per Annum (TPA)	1000	100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
27	Tricyclazol & intermediates	Tons per Annum (TPA)	1000	100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
28	Azoxystrobin and its intermediates	Tons per Annum (TPA)	1000	800	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
29	Pyraclostrobin and its intermediates	Tons per Annum (TPA)	1000	600	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
30	Trifloxystrobin and its intermediates	Tons per Annum (TPA)	1000	400	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

31	Diafenthiuron & its Intermediates OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
32	Acephate & its Intermediates OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
33	Thiamethoxam	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
34	Cartap Hydrochloride and its intermediates OR	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
35	Chlorpyriphos methyl OR	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
36	Triazophos OR	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
37	Carbendazim & its intermediates OR	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
38	Buprofezin OR	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
39	Imidacloprid and its intermediates OR	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
40	Profenophos & intermediates OR	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

41	Clothianidin and its intermediates	Tons per Annum (TPA)	1200	0	NA	null	0.0
42	Acetamiprid and its intermediates OR	Tons per Annum (TPA)	1200	1200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
43	Quinalphos & intermediates	Tons per Annum (TPA)	1200	1200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
44	Ethiprole R1 & it's intermediate OR	Tons per Annum (TPA)	2500	2500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
45	Ethiprole R2 & it's intermediate OR	Tons per Annum (TPA)	2500	2500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
46	Ethiprole R3 & it's intermediate OR	Tons per Annum (TPA)	2500	2500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
47	Cyantraniliprole & it's intermediate OR	Tons per Annum (TPA)	2500	2500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
48	Chlorantraniliprole R2 and its intermediates	Tons per Annum (TPA)	1000	540	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
49	Tetrachlorantraniliprole	Tons per Annum (TPA)	1000	60	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
50	Lambda Cyhalothrin and its intermediates OR	Tons per Annum (TPA)	2000	2000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

51	Bifenthrin and its intermediates OR	Tons per Annum (TPA)	2000	2000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
52	Fenvalerate	Tons per Annum (TPA)	2000	2000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
53	Alphamethrin and its intermediates OR	Tons per Annum (TPA)	1000	100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
54	Cypermethrin and its intermediates	Tons per Annum (TPA)	1000	100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
55	Pyriproxyfen	Tons per Annum (TPA)	500	350	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
56	3,5,6 Trichloro Pyridinol Sodium Salt (NaTCPOL) and its intermediate (TCAC)	Tons per Annum (TPA)	5500	5000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
57	R,R-Sodium salt of Cypermethric Acid (Na-CMA)	Tons per Annum (TPA)	5500	400	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
58	5-Chloro Indanone Ester (5-CIE) & its intermediates (5CI)	Tons per Annum (TPA)	5500	100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
59	5-Chloro Indanone (5- CI)	Tons per Annum (TPA)	4000	200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
60	Aminopyrazole (APR)	Tons per Annum (TPA)	4000	200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

61	2,5-Dichlorophenol (DCP)	Tons per Annum (TPA)	4000	2100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
62	ANDPA	Tons per Annum (TPA)	4000	1500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
63	RR Cypermethric Acid (RRCMA)	Tons per Annum (TPA)	1500	600	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
64	2,3 Dichloro Aniline (DCA) & its intermediates	Tons per Annum (TPA)	1500	600	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
65	Cypermethric Acid Chloride (CMAC) & its Cis & Trans isomers	Tons per Annum (TPA)	1500	200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
66	5-Amino salicylic acid (5-ASA)	Tons per Annum (TPA)	1500	100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
67	Oxalic acid OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
68	Glyoxalic acid & its intermediates (Oxalic acid) OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
69	Ethyl chloride	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
70	MPBA OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

71	Polymer : PMMA OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
72	Co- Polymer of Acrylonitrile	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
73	Poly Ether Sulfone (PES)	Tons per Annum (TPA)	1000	0	NA	null	0.0
74	Poly sulfone	Tons per Annum (TPA)	1000	0	NA	null	0.0
75	Poly Ether Nitrile OR	Tons per Annum (TPA)	240	240	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
76	Poly Aryl Ketone (PAEK) acid & its intermediates OR	Tons per Annum (TPA)	240	240	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
77	Poly Ether Ketone - PEK & its monomer & Polymer	Tons per Annum (TPA)	240	240	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
78	Vanillin & its intermediates	Tons per Annum (TPA)	500	0	NA	null	0.0
79	Phase Transfer Catalyst (PTC) OR	Tons per Annum (TPA)	500	500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
80	Pyrazol	Tons per Annum (TPA)	500	500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

81	sodium carbonate	Tons per Annum (TPA)	66015	27719	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
82	Methanol	Tons per Annum (TPA)	5458.3	445	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
83	Ammonium chloride	Tons per Annum (TPA)	32016.42	3409	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
84	Sulfur dioxide gas	Tons per Annum (TPA)	14814.122	2740	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
85	Manganese dioxide	Tons per Annum (TPA)	1551.006	181	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
86	Diethyl-5-ethylpyridine-2,3-dicarboxylic acid (Diacid)	Tons per Annum (TPA)	708	28.3	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
87	Meta dichloro benzene	Tons per Annum (TPA)	396	222	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
88	Ortho dichloro benzene	Tons per Annum (TPA)	10944	5472	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
89	Trichloro benzene	Tons per Annum (TPA)	432	242	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
90	Methyl acetate	Tons per Annum (TPA)	17615.68	1173	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

91	2,6-DE-4-Me-Phenol	Tons per Annum (TPA)	8199.792	273	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
92	Bromine	Tons per Annum (TPA)	27356.948	4780	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
93	Ammonium nitrate	Tons per Annum (TPA)	2580	429	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
94	Nitric acid	Tons per Annum (TPA)	2883	481	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
95	Sodium bicarbonate	Tons per Annum (TPA)	51113	22034	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
96	Acetic acid	Tons per Annum (TPA)	8136.3	7899	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
97	Potassium bromide	Tons per Annum (TPA)	3858	3858	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
98	Chloroform	Tons per Annum (TPA)	694	173	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
99	Calcium Chloride Brine	Tons per Annum (TPA)	5567	2307	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
100	Methyl acetate	Tons per Annum (TPA)	17615.68	1173	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

101	Sodium acetate	Tons per Annum (TPA)	252	202	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
102	Calcium fluoride	Tons per Annum (TPA)	131	52	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
103	Benzotrifluoride (BTF)	Tons per Annum (TPA)	105	42	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
104	Magnesium sulfate	Tons per Annum (TPA)	1098	439	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
105	Succinimide	Tons per Annum (TPA)	332	133	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
106	Methyl chloride	Tons per Annum (TPA)	8100	8100	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
107	Bisultap	Tons per Annum (TPA)	15347	15347	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
108	Ammonium Sulphate	Tons per Annum (TPA)	13816	13630	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
109	Dimethyl amine	Tons per Annum (TPA)	12829	12829	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
110	Benzyl Chloride	Tons per Annum (TPA)	11540	11540	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

111	N,N- bis (dichloromethyl) methyl amine	Tons per Annum (TPA)	614	614	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
112	Ethiprole sulfone	Tons per Annum (TPA)	68	68	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
113	Potassium bisulfate	Tons per Annum (TPA)	2509	2168	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
114	Iso propyl alcohol	Tons per Annum (TPA)	385	385	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
115	Chlorine	Tons per Annum (TPA)	11574	11574	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
116	Hydrogen	Tons per Annum (TPA)	324	324	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
117	Oxygen	Tons per Annum (TPA)	382	252	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
118	Sodium hypochlorite	Tons per Annum (TPA)	1396	1396	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
119	Dicalcium phosphate	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
120	Bromoxynil Heptanoate (Purification)	Tons per Annum (TPA)	1200	1200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0

121	Potassium sulfate	Tons per Annum (TPA)	3000	3000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
122	Amid Chloride (Purification)	Tons per Annum (TPA)	5000	5000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
123	potassium bicarbonate	Tons per Annum (TPA)	4000	4000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
124	Bromoxynil Octanoate (Purification)	Tons per Annum (TPA)	1200	1200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
125	Chlorantranilprole (Purification)	Tons per Annum (TPA)	1200	1200	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
126	Potassium carbonate	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
127	Products from R&D activities	Tons per Annum (TPA)	2000	2000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.0
128	Anilophos and intermediates (Anilide, Ammonium DMTA)	Tons per Annum (TPA)	3000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	733.299
129	Dicamba and intermediates	Tons per Annum (TPA)	36000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	3630.263
130	Triclopyr Acid Butotyl Ester R1 OR R2 and its intermediates	Tons per Annum (TPA)	36000	12000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	2711.0

131	Temephos and its intermediates (Dimethyl Thiophosphoryl Chloride (DMTC)) OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	2.25
132	Diflubenzuron and its intermediates (2,6-Difluorobenzamide (2,6-DFBA)) OR	Tons per Annum (TPA)	1000	1000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	31.55
133	Chlorpyriphos and intermediate (TCAC, NaTCPOL)	Tons per Annum (TPA)	18000	18000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	5545.781
134	Fipronil and its intermediates	Tons per Annum (TPA)	2500	2500	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	645.507
135	Indoxacarb and intermediates	Tons per Annum (TPA)	1000	400	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	199.123
136	Chlorantraniliprole R1 and its intermediates	Tons per Annum (TPA)	1000	540	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	28.342
137	Deltamethrin and its intermediates	Tons per Annum (TPA)	2000	2000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	23.867
138	Permethrin and its intermediates	Tons per Annum (TPA)	2000	2000	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	0.32
139	Mepiquat Chloride	Tons per Annum (TPA)	500	150	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	99.20
140	Hydrochloric acid	Tons per Annum (TPA)	278495	259135	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	1741.519

141	Potassium chloride	Tons per Annum (TPA)	60285.631	44101	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	3926.005
142	Sodium sulfide/sodium hydrosulfide	Tons per Annum (TPA)	675	225	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	115.993
143	Sodium bisulfite	Tons per Annum (TPA)	113830.6	16608	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	482.907
144	Pesticide Liquid and Solid Formulations	Tons per Annum (TPA)	27480	27480	Format1.O/CAC/UAN No.0000185165/CR/2401001918	31-07-2029	4996.143

Conditions

Specific Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	GREENBELT	The PP shall develop and maintain Greenbelt over an area of at least, 49924.7 m2 (inside the plot + 60491.6 m2 within MIDC by planting additional 7707 (inside and outside – 3402 inside and 4305 outside) number of saplings within a period of one year from the grant of EC. The saplings selected for the plantation should be of sufficient height, preferably 6-ft (about 2 m) The budget earmarked for the plantation	PPs Submission	"Separate budget code is allocated for plantation and environmental services including CER/EMP activity. Horticulture expert is deputed for maintenance and development of Green belt area. Records such as number of plant, plantation month, species of plants, replacement of dead plants are maintained. Inside and outside green belt areas are maintained. Saplings are planted at these areas at the rate of 2500 / ha basis. Total 27804 plants are planted till Sept-2024 " Complied 28-11-2024 Attachment: Click to View

shall be kept in separate account and should be audited annually. PP should annually submit the audited statement along with proof of activities, viz. photographs (before & after with geo-location date & time), details of the expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during the previous year.

2	Statutory compliance	<p>A separate Environmental Management Cell (having qualified persons with Environmental Science/ Environmental Engineering/specialization in the project area) equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. PP shall engage site head- DGM EHS- Env Manager- VP EHS. In addition to this one safety & health officer as per the qualification given in Factories Act 1948 shall be engaged within a month of grant of EC. PP should annually submit the audited statement of amount spent</p>	<table border="1"> <tr> <td data-bbox="999 703 1256 1086">PPs Submission</td> <td data-bbox="1256 703 2007 1086"> <p>A separate Environmental Management Cell (having qualified persons with vast experience in the project area) exist. Qualified and experience staff is available in Environment , Safety and Health departments. A full fledged laboratory facilities are available to carry out the Environmental monitoring and analysis functions. Complied 28-11-2024 Attachment: Click to View</p> </td> </tr> </table>	PPs Submission	<p>A separate Environmental Management Cell (having qualified persons with vast experience in the project area) exist. Qualified and experience staff is available in Environment , Safety and Health departments. A full fledged laboratory facilities are available to carry out the Environmental monitoring and analysis functions. Complied 28-11-2024 Attachment: Click to View</p>
PPs Submission	<p>A separate Environmental Management Cell (having qualified persons with vast experience in the project area) exist. Qualified and experience staff is available in Environment , Safety and Health departments. A full fledged laboratory facilities are available to carry out the Environmental monitoring and analysis functions. Complied 28-11-2024 Attachment: Click to View</p>				

		towards the engagement of qualified persons in EMC along with details of person engaged to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.			
3	Statutory compliance	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented. The budget propose under EMP is Rs. 75565 lakhs (Capital cost) and 17138 Lakhs per annum (Recurring cost) shall be kept in separate account and should be audited annually. The PP should submit the annual audited statement along with proof of implementation of activities proposed under EMP duly supported by photographs (before & after with geo-location date & time) and other document as applicable to the Regional Office of MoEF&CC before 1st July of every year for the	<table border="1"> <tr> <td>PPs Submission</td> <td>All the environmental protection measures and safeguards proposed in the EIA are being complied. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project are implemented. The expenses towards EMP are tracked.We shall submit the proof of implementation of activities proposed under EMP duly supported by photographs to the state and central authorities. Expenditure incurred as per EMP are tracked and shall be submitted to the state and central authorities. Agreed to Comply 28-11-2024 Attachment:NA</td> </tr> </table>	PPs Submission	All the environmental protection measures and safeguards proposed in the EIA are being complied. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project are implemented. The expenses towards EMP are tracked.We shall submit the proof of implementation of activities proposed under EMP duly supported by photographs to the state and central authorities. Expenditure incurred as per EMP are tracked and shall be submitted to the state and central authorities. Agreed to Comply 28-11-2024 Attachment:NA
PPs Submission	All the environmental protection measures and safeguards proposed in the EIA are being complied. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project are implemented. The expenses towards EMP are tracked.We shall submit the proof of implementation of activities proposed under EMP duly supported by photographs to the state and central authorities. Expenditure incurred as per EMP are tracked and shall be submitted to the state and central authorities. Agreed to Comply 28-11-2024 Attachment:NA				

activities carried out during previous year.

4	Statutory compliance	<p>The total water requirement shall not exceed 7540 KLD out of which fresh water of 3612 KLD shall be sourced from MIDC, 85 KLD treated water from STP, 2051 KLD recycled condensate water, 63 KLD rainwater, 129 KLD recovered water from process and 1600 KLD treated water from MEE and RO. For Unit 3, the total water requirement for existing unit shall not exceed 2982 KLD out of which fresh water of 2656 KLD shall be sourced from MIDC, 28 KLD recycled condensate water, 57 KLD rainwater and 241 KLD treated water from RO & Single Effect Evaporator. After expansion the total water requirement is 5155 KLD out of which fresh water of 3185 KLD shall be sourced from MIDC. The PP should ensure that water supply should not be above the permissible limit as mentioned in the letter and fresh water shall be withdrawn only after obtaining valid agreement from Concerned Authority. The PP should submit the details of utilization to the Integrated Regional Office</p>	<table border="1"> <tr> <td data-bbox="996 164 1254 438">PPs Submission</td> <td data-bbox="1254 164 2004 438"> <p>The total water consumption is not exceeding the max. consented quantity. For additional water requirement, permission from MIDC is available. Complied 28-11-2024 Attachment: Click to View</p> </td> </tr> </table>		PPs Submission	<p>The total water consumption is not exceeding the max. consented quantity. For additional water requirement, permission from MIDC is available. Complied 28-11-2024 Attachment: Click to View</p>
PPs Submission	<p>The total water consumption is not exceeding the max. consented quantity. For additional water requirement, permission from MIDC is available. Complied 28-11-2024 Attachment: Click to View</p>					

		(IRO), MoEF&CC before 1st July of every year for the activities carried out during the previous year.			
5	Statutory compliance	<p>For Unit 1, 4 & 7, total wastewater generation in the existing unit is 1,526 KLD. Domestic sewage of 80 KLD is treated in STP and the treated water obtained is reused in gardening. Cooling tower blowdown of 221 KLD is treated in RO. RO reject is sent to MEE & RO Permeate of 177 KLD obtained is reused in cooling tower. A high concentration stream of 762 KLD including High COD-TDS process wastewater & scrubbing wastewater is treated in MEE. MEE condensate is partially sent to ETP for further treatment and rest for reuse in cooling towers and MEE concentrate is sent to ATFD. Low concentration stream of 463 KLD including R&D Lab effluent & Pilot plant, Low COD-TDS process wastewater, vessel cleaning effluent, pilot plant Boiler blowdown, steam condensate as effluent is treated in ETP. Treated water of 1084 KLD obtained from ETP is discharged to CETP. The existing capacity of wastewater treatment units is</p>	<table border="1"> <tr> <td>PPs Submission</td> <td> <p>1) Effluent streams are segregated based on COD and TDS. 2) The high TDS process streams are segregated and treated in MEE. MEE condensate is partially recycled in process and rest is sent to ETP for further treatment and MEE concentrate is sent to centrifuge and ATFD. The low concentrated process streams are treated in ETP. 3) The domestic water generated is treated in STP and further used for gardening and cooling tower. 4) Utility Effluents like CTW blowdown etc are treated in RO plant, permeate is recycled in cooling tower and reejct is fed to MEE plant Complied 28-11-2024 Attachment:NA</p> </td> </tr> </table>	PPs Submission	<p>1) Effluent streams are segregated based on COD and TDS. 2) The high TDS process streams are segregated and treated in MEE. MEE condensate is partially recycled in process and rest is sent to ETP for further treatment and MEE concentrate is sent to centrifuge and ATFD. The low concentrated process streams are treated in ETP. 3) The domestic water generated is treated in STP and further used for gardening and cooling tower. 4) Utility Effluents like CTW blowdown etc are treated in RO plant, permeate is recycled in cooling tower and reejct is fed to MEE plant Complied 28-11-2024 Attachment:NA</p>
PPs Submission	<p>1) Effluent streams are segregated based on COD and TDS. 2) The high TDS process streams are segregated and treated in MEE. MEE condensate is partially recycled in process and rest is sent to ETP for further treatment and MEE concentrate is sent to centrifuge and ATFD. The low concentrated process streams are treated in ETP. 3) The domestic water generated is treated in STP and further used for gardening and cooling tower. 4) Utility Effluents like CTW blowdown etc are treated in RO plant, permeate is recycled in cooling tower and reejct is fed to MEE plant Complied 28-11-2024 Attachment:NA</p>				

STP- 250 KLD, RO- 1340 KLD, MEE- 880 KLD & ETP- 1200 KLD. For Unit 1, 4 & 7, total wastewater generation after expansion will be 3,542 KLD. Domestic sewage of 90 KLD (85 from unit 1, 4 & 7 + 5 KLD from unit no. 3) will be treated in STP and the treated water obtained is reused in gardening. Cooling tower blowdown of 442 KLD will be treated in RO. RO reject will be sent to MEE & RO Permeate obtained will be reused in the cooling tower. A high concentration stream of 2154 KLD including High COD-TDS process wastewater & scrubbing wastewater will be treated in MEE. MEE condensate will be partially sent to ETP for further treatment and rest for reuse in cooling towers and MEE concentrate will be sent to ATFD. Low concentration stream of 861 KLD including R&D Lab & Pilot plant effluent, Low COD-TDS process wastewater, vessel cleaning effluent & pilot plant Boiler blowdown will be treated in ETP. Treated water of 1500 KLD obtained from ETP will be discharged to CETP & 1490 KLD will be sent to RO for further treatment. After expansion the capacity

of treatment units will be STP- 250 KLD, RO- 2320 KLD, MEE- 3050 KLD & ETP- 3780 KLD.

6	Statutory compliance	<p>For Unit 3, total wastewater generation in the existing unit is 251. Domestic wastewater of 4 KLD is currently treated in a septic tank followed by a soak pit. FGD High TDS effluent of 6 KLD is treated in Single Effect Evaporator. Single Effect Evaporator concentrate is sent to the Nutsche filter & Single Effect Evaporator condensate is reused in the Cooling Tower. Waste water of 241 KLD from Cogen boiler blowdown & Cooling Tower blowdown is treated in ETP. ETP treated water is further treated in RO & RO permeate is reused in Cooling Tower & RO reject is sent to Single Effect Evaporator. The existing capacity of wastewater treatment units is Single Effect Evaporator- 30 KLD, ETP- 300 KLD & RO- 240 KLD. For Unit 3, total wastewater generation after expansion will be 515 KLD. Domestic wastewater of 5 KLD will be treated in STP of unit 1, 4 & 7. FGD High TDS effluent of 6 KLD will be treated in Single Effect</p>	<table border="1"> <tr> <td data-bbox="999 236 1256 651">PPs Submission</td> <td data-bbox="1256 236 2007 651"> <p>1) The domestic water generated is treated in STP at Unit 1,4 and 7 and further used for gardening. 2) The high TDS streams are segregated and treated in SEE. SEE condensate is recycle back in process . The low concentrated process streams are treated in ETP having primary treatment and RO , RO reject is taken in SEE and Permeate is recycled back in process. Unit 3 is a ZLD Unit. No expansion Complied 28-11-2024 Attachment:NA</p> </td> </tr> </table>	PPs Submission	<p>1) The domestic water generated is treated in STP at Unit 1,4 and 7 and further used for gardening. 2) The high TDS streams are segregated and treated in SEE. SEE condensate is recycle back in process . The low concentrated process streams are treated in ETP having primary treatment and RO , RO reject is taken in SEE and Permeate is recycled back in process. Unit 3 is a ZLD Unit. No expansion Complied 28-11-2024 Attachment:NA</p>
PPs Submission	<p>1) The domestic water generated is treated in STP at Unit 1,4 and 7 and further used for gardening. 2) The high TDS streams are segregated and treated in SEE. SEE condensate is recycle back in process . The low concentrated process streams are treated in ETP having primary treatment and RO , RO reject is taken in SEE and Permeate is recycled back in process. Unit 3 is a ZLD Unit. No expansion Complied 28-11-2024 Attachment:NA</p>				

		<p>Evaporator. Single Effect Evaporator concentrate will be sent to the Nutsche filter & Single Effect Evaporator condensate is reused in the cooling tower. Waste water of 504 KLD generated from Cogen boiler blowdown & Cooling Tower blowdown will be treated in ETP. ETP treated water will be further treated in RO, RO permeate will be reused in cooling towers & RO reject will be sent to Single Effect Evaporator for further treatment. After expansion the capacity of treatment units will be Single Effect Evaporator- 60 KLD, ETP- 520 KLD & RO- 600 KLD.</p>		
7	Statutory compliance	<p>No banned chemicals shall be manufactured by the project proponent. No banned raw materials shall be used in the unit. The project proponent shall adhere to the notifications/guidelines of the Government in this regard.</p>	PPs Submission	<p>No banned raw material are used and no banned chemicals are manufactured. Complied 28-11-2024 Attachment:NA</p>

8	ENERGY PRESERVATION MEASURES	As proposed, agro-briquettes shall be blended with coal upto 15% as per availability, for use as a fuel in the boilers of CPP and that natural gas shall be used as primary fuel in existing 40 TPH boiler as & when it is available and based on techno commercial viability.	PPs Submission	The agro-briquettes are blended with coal as per availability, for use as a fuel in the boilers of CPP. Complied 28-11-2024 Attachment:NA
9	Statutory compliance	The project proponent shall comply with the environment norms for synthetic organic chemical as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 608 (E), dated 21.7.2010 under the provisions of the Environment (Protection) Rules, 1986.	PPs Submission	we are complying with environment norms for synthetic organic chemicals. Complied 28-11-2024 Attachment:NA
10	Statutory compliance	The project proponent shall comply with the environment norms for Pesticide as notified by the Ministry of Environment, Forest and Climate Change, vide GSR 446 (E), dated 13.6.2011 under the provisions of the Environment (Protection) Rules, 1986.	PPs Submission	we are complying with environment norms for pesticides. Complied 28-11-2024 Attachment:NA
11	Corporate Environmental Responsibility	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources	PPs Submission	We are calculating our carbon emission and it is being disclosed in platfrom like ECO-VADIS and CDP disclosure. We have developed 24 Acres of greenbelt which in turn will help for carbon sequestration. Complied

		capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.		28-11-2024 Attachment:NA
12	Statutory compliance	All necessary precautions shall be taken to avoid accidents and action plan shall be implemented for avoiding accidents. The project proponent shall implement the onsite/offsite emergency plan/mock drill etc. and mitigation measures as prescribed under the rules and guidelines issued in the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, and the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996.	PPs Submission	The updated onsite emergency plan is in place. Periodic mock drills are conducted and observation reports along with the recommendations, as applicable, are submitted to DISH authority regularly. Complied 28-11-2024 Attachment: Click to View
13	AIR QUALITY MONITORING AND PRESERVATION	The volatile organic compounds (VOCs)/Fugitive emissions shall be controlled at 99.97 % with effective chillers/modern technology. Regular monitoring of VOCs shall be carried out.	PPs Submission	VOCs/Fugitive emission monitoring is done with fixed and Portable gas sensors. Reactor seals, Pumps seals are provided to control fugitive emissions. primary and secondary condensers for solvent recovery are in place. Scrubbers are provided as emission control measures wherever applicable. Complied 28-11-2024 Attachment:NA
14	Risk Mitigation and Disaster Management	The storage of toxic/hazardous raw material shall be bare minimum with	PPs Submission	We are keeping inventory of toxic/hazarsous raw material between 3 to 7 days.

		respect to quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.		Complied 28-11-2024 Attachment:NA
15	Human Health Environment	The occupational health centre for surveillance of the worker's health shall be set up. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	PPs Submission	The occupational health centre (OHC) for surveillance of the workers health is in place. The workers health data is used in deploying the duties of the workers. All workers and employees are provided with required safety kits and mask for personal protection. Complied 28-11-2024 Attachment: Click to View
16	Human Health Environment	Training shall be imparted to all employees on safety and health aspects for handling chemicals. Safety and visual reality training shall be provided to employees. Action plan for mitigation measures shall be properly implemented based on the safety and risk assessment studies.	PPs Submission	Training is imparted to all employees on safety and health aspects as per operation SOPs. Safety and visual reality training is also provided to employees. Action plan for mitigation measures are properly implemented based on the safety and risk assessment studies. Complied 28-11-2024 Attachment: Click to View
17	Risk Mitigation and Disaster Management	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire-fighting system shall be as per the norms.	PPs Submission	Necessary fire-fighting system is in place as per the norms. Its 6 monthly audit is conducted and report in Form B is submitted to Fire Dept MIDC. Complied 28-11-2024 Attachment: Click to View

18	Risk Mitigation and Disaster Management	<p>The solvent management shall be carried out as follows: (a) Reactor shall be connected to chilled brine condenser system. (b) Reactor and solvent handling pump shall have mechanical seals to prevent leakages. (c) Solvents shall be stored in a separate space specified with all safety measures. (d) Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done. (e) Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses. (f) All the solvent storage tanks shall be connected with vent condensers with chilled brine circulation.</p>	<table border="1"> <tr> <td data-bbox="999 73 1256 979">PPs Submission</td> <td data-bbox="1256 73 2004 979"> <p>Solvent magement is done as follows (a) Reactors containg solvent are connected to primary ,secondary and Teritary condensor having chilled water/brine. (b) Reactors containg solvent are fitted with meachanical seals and solvent handling pump with mechanical seals to prevent leakages. (c) Solvents are stored desinated Isolated storage and transferrred to day tank in the plant for further use. All safety measures are taken while handling of solvents. (d) Earthing are provided in all electrical equipments wherever solvent handling is done. (e) Flameproof fitting are provide as per area classification. Solvent storage tanks are provided with breather valves to prevent losses. (f) All solvent storage tanks in plants are connected with vent condensers with chilled brine circulation.</p> <p>Complied 28-11-2024 Attachment: Click to View</p> </td> </tr> </table>	PPs Submission	<p>Solvent magement is done as follows (a) Reactors containg solvent are connected to primary ,secondary and Teritary condensor having chilled water/brine. (b) Reactors containg solvent are fitted with meachanical seals and solvent handling pump with mechanical seals to prevent leakages. (c) Solvents are stored desinated Isolated storage and transferrred to day tank in the plant for further use. All safety measures are taken while handling of solvents. (d) Earthing are provided in all electrical equipments wherever solvent handling is done. (e) Flameproof fitting are provide as per area classification. Solvent storage tanks are provided with breather valves to prevent losses. (f) All solvent storage tanks in plants are connected with vent condensers with chilled brine circulation.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>
PPs Submission	<p>Solvent magement is done as follows (a) Reactors containg solvent are connected to primary ,secondary and Teritary condensor having chilled water/brine. (b) Reactors containg solvent are fitted with meachanical seals and solvent handling pump with mechanical seals to prevent leakages. (c) Solvents are stored desinated Isolated storage and transferrred to day tank in the plant for further use. All safety measures are taken while handling of solvents. (d) Earthing are provided in all electrical equipments wherever solvent handling is done. (e) Flameproof fitting are provide as per area classification. Solvent storage tanks are provided with breather valves to prevent losses. (f) All solvent storage tanks in plants are connected with vent condensers with chilled brine circulation.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>				
19	WASTE MANAGEMENT	<p>The PP shall undertake waste minimization measures as below (a) Metering and control of quantities of active ingredients to minimize waste; (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting</p>	<table border="1"> <tr> <td data-bbox="999 979 1256 1517">PPs Submission</td> <td data-bbox="1256 979 2004 1517"> <p>Waste Mininization measures implemented are as follows (a) Flow transmitter and control valves are provided for raw material additions; (b) Byproducts are recovered and used in other process as raw materials. (c) Automated filling machines are provided for final product packageing . (d) Close Feeding system are used for reactors. (e) vapor recovery system are provided wherever applicable. (f) Jet cleaning machine is used for equipment cleaning.</p> <p>Complied 28-11-2024 Attachment: Click to View</p> </td> </tr> </table>	PPs Submission	<p>Waste Mininization measures implemented are as follows (a) Flow transmitter and control valves are provided for raw material additions; (b) Byproducts are recovered and used in other process as raw materials. (c) Automated filling machines are provided for final product packageing . (d) Close Feeding system are used for reactors. (e) vapor recovery system are provided wherever applicable. (f) Jet cleaning machine is used for equipment cleaning.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>
PPs Submission	<p>Waste Mininization measures implemented are as follows (a) Flow transmitter and control valves are provided for raw material additions; (b) Byproducts are recovered and used in other process as raw materials. (c) Automated filling machines are provided for final product packageing . (d) Close Feeding system are used for reactors. (e) vapor recovery system are provided wherever applicable. (f) Jet cleaning machine is used for equipment cleaning.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>				

		equipment through vapor recovery system. (f) Use of high pressure-hoses for equipment cleaning to reduce wastewater generation.		
20	Statutory compliance	The MoEF&CC Notifications on Fly Ash Utilization S.O. 763(E) dated 14.09.1999, S.O. 979(E) dated 27.08.2003, S.O. 2804(E) dated 3.11.2009, S.O. 254(E) dated 25.01.2016 as amended from time to time shall be complied.	PPs Submission	The guidelines given in fly ash notificaion are complied with. The generated fly ash is sold to authorised brick manufacturers. For April-2024 to September-2024, 1106.08 MT Fly ash generated and 1110.56 MT sold to authorised brick manufacturers. Complied 28-11-2024 Attachment:NA
21	AIR QUALITY MONITORING AND PRESERVATION	Flue Gas Desulphurisation System shall be installed based on Lime/Ammonia dosing to capture Sulphur in the flue gases to meet the SO2 emissions standard of 100 mg/Nm3.	PPs Submission	Dry lime feeding system is installed for desulphurization. Air emission norms are within the consented limit. Complied 28-11-2024 Attachment: Click to View
22	AIR QUALITY MONITORING AND PRESERVATION	High efficiency Electrostatic Precipitators (ESPs) shall be installed in each unit to ensure that particulate matter (PM) emission to meet the stipulated standards of 30 mg/Nm3.	PPs Submission	High efficiency Electrostatic Precipitators (ESPs) are installed to ensure that particulate matter (PM) emission is within the consented norms. Complied 28-11-2024 Attachment: Click to View

23	Statutory compliance	The project proponent shall prepare 100% fly ash and bottom ash utilization plan and implemented in stipulated time period. The PP shall comply with Ministry's latest Notification regarding fly ash utilization from first year of commissioning. Bottom ash shall be explored to utilized as a resource not as a waste.	PPs Submission	The fly ash and bottom ash utilization plan meeting the guidelines is in place . Complied 28-11-2024 Attachment:NA
24	Risk Mitigation and Disaster Management	The storage of toxic/hazardous raw material shall be bare minimum with respect to their quantity and inventory. Quantity and days of storage shall be submitted to the Regional Office of Ministry and SPCB along with the compliance report.	PPs Submission	We are keeping inventory of toxic/hazardous raw material between 3 to 7 days. Complied 28-11-2024 Attachment:NA
25	MISCELLANEOUS	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.	PPs Submission	All the environmental protection measures and safeguards proposed in the EIA are being complied. All the recommendations made in the EIA and EMP in respect of environmental management, and risk mitigation measures relating to the project are being implemented. Complied 28-11-2024 Attachment:NA
26	Statutory compliance	Dust collector followed by ESP alongwith common 78 m stack height shall be installed	PPs Submission	To control particulate emission, dust collectors followed by ESP and stack are provided in boiler. Lime addition system for dry scrubbing to control SO2 emissions is provided.

		in the proposed Indonesian Coal/agro briquette fired Steam Boiler (90 TPH)(1 operational + 1 standby) to control the particulate emissions. Lime addition shall be for dry scrubbing to control SO2emissions.		Complied 28-11-2024 Attachment:NA
27	AIR QUALITY MONITORING AND PRESERVATION	Alkali scrubber shall be provided in processed stack to control process emissions viz Cl2, Br2, HBr, HBr, CN and H2S. Water and Alkali scrubber shall be provided in processed stack to control process emissions viz HF, SO and HCl. Water scrubber shall be provided in processed stack to control process emissions viz NH3.	PPs Submission	Water and alkali scrubbers are provided at process stacks, as applicable, to control process emissions Complied 28-11-2024 Attachment:NA
28	WASTE MANAGEMENT	Hazardous waste shall be managed and disposed of as per Hazardous and other waste (Management and Trans boundary) Rules 2016.	PPs Submission	The HOWM rules, as applicable, are complied. Complied 28-11-2024 Attachment: Click to View
29	WASTE MANAGEMENT	Fly ash shall be stored into silo with proper care and sold to cement/ RMC/ paver blocks/ building bricks manufacturer units. Fly ash shall be supplied to the other companies for land leveling, conditioning, road construction, etc after prior approval of SPCB.	PPs Submission	The fly ash generated is stored in silos. The fly ash is sold to authorised vendors. fly ash generation and disposal reports are submitted to the state authorities. Complied 28-11-2024 Attachment: Click to View

30	WASTE MANAGEMENT	New Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	PPs Submission	New Incinerator design is as per the CPCB Guidelienes Complied 28-11-2024 Attachment:NA
31	WASTE MANAGEMENT	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August, 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	PPs Submission	Awareness training on ban of Single use plastic is already conducted among all the employee. Awareness campaigns shall be extended upto nearby communities also by providing them with cloth bags. Agreed to Comply 28-11-2024 Attachment:NA

General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks / Reason and Supporting Documents	
1	MISCELLANEOUS	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as	PPs Submission	Noted and shall be complied. Agreed to Comply 28-11-2024 Attachment:NA

		<p>applicable. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.</p>				
2	Statutory compliance	<p>The PP shall strictly comply with the rules and guidelines issued under the Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989, as amended time to time, the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, and Hazardous and Other Wastes (Management and Trans-Boundary Movement) Rules, 2016 and other rules notified under various Acts.</p>	<table border="1"> <tr> <td>PPs Submission</td> <td> <p>The MSIHC and HOWM rules, as applicable, are complied with. Complied 28-11-2024 Attachment:NA</p> </td> </tr> </table>	PPs Submission	<p>The MSIHC and HOWM rules, as applicable, are complied with. Complied 28-11-2024 Attachment:NA</p>	
PPs Submission	<p>The MSIHC and HOWM rules, as applicable, are complied with. Complied 28-11-2024 Attachment:NA</p>					

3	ENERGY PRESERVATION MEASURES	The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.	PPs Submission	The LED lamps are fitted for lighting purpose. We have sourced 8842 MWH and 7621 MWH energy from wind and solar respectively for the period of April-2024 to September-2024 on open access mode. Complied 28-11-2024 Attachment:NA
4	Statutory compliance	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	PPs Submission	The noise control measures are provided within the plant. Periodic noise monitoring from MOEF approved lab and in house lab are carried out. The noise levels are within the consented norms. Complied 28-11-2024 Attachment: Click to View
5	Corporate Environmental Responsibility	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. The activities shall be undertaken by involving local villages and administration. The company shall undertake eco-developmental	PPs Submission	To improve the socio economic conditions, many activities are being undertaken by our CSR and CER cells covering eco-developmental issues including community welfare measures. The detailed reports shall be submitted to state and central authorities. Expenditure towards CSR for FY2425 (Till September-2024) is 164.35 Lacs. Complied 28-11-2024 Attachment: Click to View

		measures including community welfare measures in the project area for the overall improvement of the environment.		
6	Corporate Environmental Responsibility	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	PPs Submission	Practice of reserving sufficient funds towards capital and recurring costs towards environment management and pollution control measures is in place. The detailed reports shall be submitted to state and central authorities in due course of time. Complied 28-11-2024 Attachment:NA

7	MISCELLANEOUS	A copy of the clearance letter shall be sent by the PP to concerned Panchayat, ZillaParishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal.	<table border="1"> <tr> <td data-bbox="981 73 1238 272">PPs Submission</td> <td data-bbox="1238 73 2004 272">Complied Complied 28-11-2024 Attachment: Click to View</td> </tr> </table>	PPs Submission	Complied Complied 28-11-2024 Attachment: Click to View
PPs Submission	Complied Complied 28-11-2024 Attachment: Click to View				
8	MISCELLANEOUS	The PP shall also upload/submit six monthly reports on Parivesh Portal on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the respective Integrated Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	<table border="1"> <tr> <td data-bbox="981 544 1238 850">PPs Submission</td> <td data-bbox="1238 544 2004 850">Six monthly compliance report are being uploaded on parivesh portal on June 1 st and Dec 1st every year as per the guidelines. Further EC copy and six monthly compliance report have been uploaded on company website in due course. Complied 28-11-2024 Attachment:NA</td> </tr> </table>	PPs Submission	Six monthly compliance report are being uploaded on parivesh portal on June 1 st and Dec 1st every year as per the guidelines. Further EC copy and six monthly compliance report have been uploaded on company website in due course. Complied 28-11-2024 Attachment:NA
PPs Submission	Six monthly compliance report are being uploaded on parivesh portal on June 1 st and Dec 1st every year as per the guidelines. Further EC copy and six monthly compliance report have been uploaded on company website in due course. Complied 28-11-2024 Attachment:NA				

9	Statutory compliance	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Integrated Regional Office of MoEF&CC by e-mail.</p>	<table border="1"> <tr> <td data-bbox="981 71 1236 344">PPs Submission</td> <td data-bbox="1236 71 2002 344"> <p>Environment Statement in Form V regularly being submitted to MPCB. Further copies shall be emailed to IRO of MoEF and CC and uploaded on company website in due course.</p> <p>Complied 28-11-2024 Attachment: Click to View</p> </td> </tr> </table>	PPs Submission	<p>Environment Statement in Form V regularly being submitted to MPCB. Further copies shall be emailed to IRO of MoEF and CC and uploaded on company website in due course.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>
PPs Submission	<p>Environment Statement in Form V regularly being submitted to MPCB. Further copies shall be emailed to IRO of MoEF and CC and uploaded on company website in due course.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>				
10	Statutory compliance	<p>The PP shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall</p>	<table border="1"> <tr> <td data-bbox="981 831 1236 1070">PPs Submission</td> <td data-bbox="1236 831 2002 1070"> <p>The intimation was published in local newspapers, Pudhari and Ratnagiri Times, dated 05.01.2024.</p> <p>Complied 28-11-2024 Attachment: Click to View</p> </td> </tr> </table>	PPs Submission	<p>The intimation was published in local newspapers, Pudhari and Ratnagiri Times, dated 05.01.2024.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>
PPs Submission	<p>The intimation was published in local newspapers, Pudhari and Ratnagiri Times, dated 05.01.2024.</p> <p>Complied 28-11-2024 Attachment: Click to View</p>				

		be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.			
11	Statutory compliance	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	<table border="1"> <tr> <td>PPs Submission</td> <td>Noted. Agreed to Comply 28-11-2024 Attachment:NA</td> </tr> </table>	PPs Submission	Noted. Agreed to Comply 28-11-2024 Attachment:NA
PPs Submission	Noted. Agreed to Comply 28-11-2024 Attachment:NA				
12	MISCELLANEOUS	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.	<table border="1"> <tr> <td>PPs Submission</td> <td>Noted, no further compliance is envisaged. Complied 28-11-2024 Attachment:NA</td> </tr> </table>	PPs Submission	Noted, no further compliance is envisaged. Complied 28-11-2024 Attachment:NA
PPs Submission	Noted, no further compliance is envisaged. Complied 28-11-2024 Attachment:NA				

Document uploaded by the PP

Last Site Visit Report (if available)

NA

Last Site Visit Report Date (if available)

Additional Attachment (if any)

[Click to View](#)

Additional Remarks (if any)

Complied.

I 'GHARDA CHEMICALS LIMITED' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

Cover Letter From RO/SRO

**Cover Letter From
RO/SRO**

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