

Date:21/11/2024

Email To,
Deputy Director General of Forests,
(IRO Gandhinagar <iro.gandhingr-mefcc@gov.in>)
Ministry of Environment Forest and Climate Change,
A Wing - 407 & 409, Aranya Bhawan,
Near CH-3 Circle, Sector-10A, Gandhinagar - 382010

Subject: Regarding the Half-Yearly compliance report for the period of April 2024 to September 2024.

Reference: Environment Clearance obtained from SEIAA Gujarat EC No. SEIAA/GUJ/EC/5(f)/1204/2022 dated 17th May 2022.

Respected sir,

With reference to the subject cited above, the unit is enclosing herewith the Environmental Clearance Compliance Report for the period of April 2024 to September 2024 for the above-mentioned reference of Environmental Clearance obtained for setting up a manufacturing plant of synthetic organic chemicals in the name of Aarti Industries Limited (U-IV) at plot No.41/2, GIDC Notified Industrial Estate, Jhagadia, Dist: Bharuch, Gujarat.

The compliance report is supported with required documents.

Thanking you

For, Aarti Industries Limited (U-IV)



Authorized Signatory

Encl :

COPY TO;

- 1) **Email The Regional Director, CPCb, Vadodara.**
- 2) **Email to SEIAA, Gujarat**
- 3) **The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector – 10 / A
Gandhinagar – 382010**
- 4) **Uploaded in Parivesh,
MoEF&CC Portal**

EC Compliance Report April 2024 to September 2024
EC SEIAA/GUJ/EC/5(f)/1204/2022, Date of issue:- 17/05/2022

Product List

S. No.	Product/ IUPAC Name	CAS Number	Quantity (TPA)	Compliance
A	Halogenated benzene and toluene intermediates (Other derivatives and same pollution load)			<p>The Group A to R products are Under various stages of construction phase. Once project completed unit will apply for CCA Application.</p>
1	2,4 Dichloro fluorobenzene (2,4 DCFB)	1435-48-9	5600 (either/ or) *2,3 dichloro toluene (2,3 DCT) not more than 500 TPA	
2	2,6 Dichloro fluorobenzene (2,6 DCFB)	2268-05-05		
3	p-chloro fluoro benzene (PCFB)	352-33-0		
4	o-chloro fluoro benzene (OCFB)	348-51-6		
5	2,4 dichloro toluene (2,4 DCT)	95-73-8		
6	2,6 dichloro toluene (2,6 DCT)	118-69-4		
7	2,3 dichloro toluene (2,3 DCT)*	32768-54-0		
8	Ortho chloro Toluene (OCT)	95-49-8	30000 (either/ or)	
9	Para chloro Toluene (PCT)	106-43-4		
10	Meta chloro Toluene (MCT)	108-41-8		
11	Dichloro toluenes (DCT mixture)	Multiple		
B	Fluorinated Specialty Chemicals (Other derivatives and same pollution load)			
1	2-chloro-4-fluorotoluene (2C4FT)*	452-73-3	1200 (either/ or) *2-chloro-4-fluorotoluene (2C4FT) not more than 700 TPA	
2	3-fluorotoluene (3FT)	352-70-5		
3	4-fluorotoluene (4FT)	352-32-9		
4	Fluorobenzene (FB)	462-06-6		
5	1,4 difluorobenzene (1,4 DFB)	540-36-3		
6	1,2,4 trifluorobenzene (1,2,4 TFB)	367-23-7		
7	Benzotrifluoride (BTF)	98-08-8	8000 (either/ or)	
8	Para chloro benzotrifluoride (PCBTF)	98-56-6		
9	2,4 dichloro benzotrifluoride (2,4 DCBTF)	320-60-5	1200 (either/ or)	
10	3-fluoro benzotrifluoride (3 FBTF)	401-80-9		
C	Halex Derivatives (Other derivatives and same pollution load)			
1	3-chloro-4-fluoro nitro benzene (3,4 CFNB)	350-30-1	5000 (either/ or)	
2	2-fluoro-5 chloro nitro benzene (2,5 FCNB)	345-18-6		
D	Other Halex Derivatives (Other derivatives and same pollution load)			
1	2-fluoro - 3-chloro nitro benzene (2,3 FCNB)	2106-49-2	5000 (either/ or)	

2	2,3,4-trifluoro nitrobenzene (2,3,4 TFNB)	771-69-7	
3	4-fluoro benzaldehyde (PFBAD)	459-57-4	
4	2,6-difluoro benzonitrile (2, 6 DFBN)	1897-52-5	
5	2-fluoro nitrobenzene (OFNB)	1493-27-2	
6	Para-fluoro nitro benzene (PFNB)	350-46-9	
7	2,4 di fluoro nitro benzene (2,4 DFNB)	446-35-5	
E	Nitrated Intermediates (Other derivatives and same pollution load)		
1	4-nitro-N-methyl phthalimide (4 NPI)	1663-84-7	12000
F	Other Nitrated Intermediates (Other derivatives and same pollution load)		
1	2,4-dichloro-3-fluoro nitro benzene (2,4,3 DCFNB)	393-79-3	5000 (either/ or)
2	3-nitro benzotrifluoride (MNBTF)	98-46-4	
3	3-nitro-4-chloro benzotrifluoride (CNBTF)	121-17-5	
4	3,5-dinitro-4-chloro benzotrifluoride (CDNBTF)	393-75-9	
5	1-(3-nitrophenyl) ethanone (3-NAP)	121-89-1	
6	2,4-dichloro-3,5-dinitro benzotrifluoride (DCDNBTF)	29091-09-06	
G	Chlorinated Intermediates (Other derivatives and same pollution load)		
1	6-chloro-2-nitro toluene (6 CONT)	83-42-1	5000 (either/ or)
2	4-chloro-2-nitro toluene (4 CONT)	89-59-8	
3	3,5 dichloro benzoyl chloride (35 DCBoC)	2905-62-6	2000 (either/ or)
4	3,4 dichloro benzotrifluoride (3, 4 DCBTF)	328-84-7	
H	Advanced Intermediates (Other derivatives and same pollution load)		
1	2-nitro-4-methyl sulfonyl benzoic acid (NMSBA)	110964-79-9	1500
2	(2,6-Diisopropyl-4-Phenoxy-Phenyl)Thio urea (DIPPT)	135252-10-7	800
3	7-fluoro-1,1,3-trimethyl-2,3-dihydro-1H-inden-4-amine (IDA)	1383809-95-7	400 (either/ or)
4	2,4,5-Trifluorophenylacetic acid (TFPAA)	209995-38-0	

5	10,11-Dihydro-5H-dibenz[b,f]azepine (IDB)	494-19-9	1000 (either/ or)
6	5H-Dibenz[b,f]azepine (ISB)	256-96-2	
7	10-Methoxy-5H-dibenzo[b,f]azepine (10MISB)	4698-11-7	
I	Oxidation Intermediates (Other derivatives and same pollution load)		
1	4-methyl benzoic acid (PTA)	99-94-5	1500 (either/ or)
2	2-methyl benzoic acid (OTA)	118-90-1	
3	3-methyl benzoic acid (MTA)	99-04-7	
4	4-nitro benzoic acid (PNBA)	62-23-7	
5	2-chloro benzoic acid (OCBA)	118-91-2	
6	4-chloro benzoic acid (PCBA)	74-11-3	
7	2-chloro-4-fluoro benzoic acid (OCPFBA)	2252-51-9	
J	Condensation Products (Other derivatives and same pollution load)		
1	4,4'-dinitro diphenyl ether (4,4 DNDPE)	101-63-3	3500 (either/ or)
2	3,4'-dinitro diphenyl ether (3,4 DNDPE)		
K	Hydrogenated Intermediates (Other derivatives and same pollution load)		
1	2,3,4 trifluoro aniline (2,3,4 TFA)	3862-73-5	6000 (either/ or) *1-(3-aminophenyl) ethanone (3-AAP) not more than 500 TPA
2	3-(Trifluoromethyl)aniline (MABTF)	98-16-8	
3	3-chloro-2-methylaniline (3 COT)	87-60-5	
4	2-Chloro-4-methylaniline (OCPT)	615-65-6	
5	1-(3-aminophenyl) ethanone (3-AAP)	99-03-6	
6	4,4'-diamino diphenyl ether (4,4 DADPE)	101-80-4	2500 (Either/ or)
7	3,4'-diamino diphenyl ether (3,4' DADPE)	2657-87-6	
L	Sulfonated Intermediates (Other derivatives and same pollution load)		
1	2-Sulfobenzaldehyde, sodium salt (BOSA)	1008-72-6	2500 (either/ or)
2	4-Sulfobenzaldehyde, sodium salt (BPSA)	5363-54-2	
3	4-Aminotoluene-3-sulfonic acid (4B Acid)	88-44-8	
4	2-Amino-4-chloro-5-methylbenzenesulfonic acid (2B Acid)	88-51-7	
5	3,4-Diaminobenzenesulfonic acid (Orthaminic Acid)	7474-78-4	5000

M	Diazotization Intermediates (Other derivatives and same pollution load)		
1	3-methylphenol (MC)	108-39-4	1200
2	3,4-dimethylphenol (3,4 Xylenol)	95-65-8	800 (either/ or) *2-fluorophenol (OFP) not more than 400 TPA
3	2,3-dichlorophenol (2,3 DCP)	576-24-9	
4	2-fluorophenol (OFP)*	0367-12-4	
5	1,2,3-trifluorobenzene (1,2,3 TFB)	1489-53-8	
6	4-fluorophenol (PFP)	371-41-5	
7	1-(3-hydroxyphenyl) ethanone (3 HAP)	121-71-1	
N	Photochlorinated Intermediates (Other derivatives and same pollution load)		
1	Benzyl chloride (BC)	100-44-7	10000 (either/ or)
2	Benzalchloride (BDC)	98-87-3	
3	Benzotrichloride (BTC)	98-07-7	
4	Para chloro benzyl chloride (PCBC)	104-83-6	9000 (either/ or)
5	Para chloro benzal chloride (PCBDC)	13940-94-8	
6	Para chloro benzotrichloride (PCBTC)	5216-25-1	
7	Ortho chloro benzyl chloride (OCBC)	611-19-8	13000 (either/ or)
8	Ortho chloro benzal chloride (OCBDC)	88-66-4	
9	Ortho chloro benzotrichloride (OCBTC)	2136-89-2	
10	2,4 dichloro benzotrichloride (2,4 DCBTC)	13014-18-1	3600 (either/ or)
11	Para fluoro benzotrichloride (PFBTC)	402-42-6	
12	Meta fluoro benzotrichloride (MFBTC)	401-77-4	
O	Hydrolysis Intermediates (Other derivatives and same pollution load)		
1	Ortho chloro benzaldehyde (OCBAD)	89-98-5	4500 (either/ or)
2	Para chloro benzaldehyde (PCBAD)	104-88-1	
3	2,4 dichloro benzaldehyde (24 DCBAD)	874-42-0	
4	Benzoyl chloride (BoC)	98-88-4	2400 (either/ or)
5	Para chloro benzoyl chloride (PCBoC)	122-01-0	
6	Para fluoro benzoyl chloride (PFBoC)	403-43-0	
P	Amoxidation Intermediates (Other derivatives and same pollution load)		
1	Ortho chloro benzonitrile (OCBN)	873-32-5	7000 (either/ or)
2	Para chloro benzonitrile (PCBN)	623-03-0	
3	2,6 dichloro benzonitrile (26 DCBN)	1194-65-6	

Q	Miscellaneous Products (Other derivatives and same pollution load)			
1	Potassium Fluoride (KF)	7789-23-3	9000	
R	Calcium Chloride Solid (CaCl ₂)	10043-52-4	74711	
S	Developmental Products for synthetic organic chemicals (e.g. Dye & dyes intermediate, bulk drugs and intermediate, synthetic rubber, basic organic chemicals, other synthetic organic chemical and chemical intermediates, Specialty chemicals, API and its formulations and other new R&D product)	Multi products Pilot Plant	250	We have installed Plant, Equipment and machineries. Ready for the commission. Unit has installed environmental management system (ETP, STP, APCM, Hazardous waste storage area required for manufacturing of the developmental products) The unit has applied for the fresh CCAApplication, vide Inward No. 322555 on 18.10.2024.for the Developmental products @ 250 MT/Annum.
Total			240161	

Sr. No	CONDITIONS	COMPLIANCE
A.	CONDITIONS:	
A.1 SPECIFIC CONDITION:		
1.	Unit shall install CEMS continuous Emission Monitoring System in line to CPCB directions to all SPCB vide letter no. 8-29016/04/06PCI-1/5401 dated 05/02/2014 for effluent discharge and air emission as per pollutants discharge/emission from respective project and an arrangement shall also be done for reflecting the online monitoring results on the company's server. which can be assessable by the GPCB/CPCB on real time basis. [For Small/Large/Medium (Red Category) & Whichever (Air emission & Effluent discharge) is applicable.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). CEMS for continuous Emission Monitoring System in line with CPCB direction is under installation.
2.	Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapors in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Close loop solvent recovery system with adequate condenser system is provided and recovered solvent will be used in the same process within the premises.
3.	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit will carry out the LDAR.
4	The National Ambient Air Quality Emission Standards issued by the Ministry vide G. S. R. No 826 (E) dated 16th November, 2009 shall be complied with.	Complied. The unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has enrolled the third party for the ambient air quality monitoring.

5.	National Emission Standards For Organic Chemicals Manufacturing industry issued by the Ministry vide G. S. R 608 (E) dated 21/07/2010 and amended from time to time shall be followed.	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit will carry out the regular monitoring of VOC once operation start .</p>
6.	Unit shall have to adhere to the prevailing area specific policies of GPCB with respect to the discharge of pollutants, and shall carry out the project development in accordance & consistency with the same.	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit will complying with the area specific policies of GPCB with respect to the discharge of pollutants</p>
7.	All measures shall be taken to avoid soil and groundwater contamination within premises.	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has taken due care of the soil and ground water contamination for implemented plant and for the rest of the plant construction activity are under process the following measures will be taken to prevent soil and groundwater contamination:</p> <ul style="list-style-type: none"> ● Pucca flooring inside plant, raw material/product storage area ● Concrete/ Bituminous roads . ● Bunding/dyke to chemical storage areas with collection and transferring facilities. ● Closed loop transfer system for effluent, raw materials, products and other chemicals. ● Separate Storm Water and process drains facility ● Checklist for leakage monitoring & compliance. ● Routine Soil monitoring: Analysis reports from NABL accredited laboratory ● Adequate effluent treatment facility, ● Dedicated waste storage area,

		Membership obtained from a common waste disposal facility for treatment and disposal of generated hazardous waste.
8	Safety & Health	
a.	PP shall obtain PESO permission for the storage and handling of hazardous chemicals.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Necessary permission has been taken from PESO. Copy of the same has been attached as Annexure-1 .
b.	PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has provided an Occupational Health center within the site as per the provision under the Gujarat Factories Rule 68-U and the same is being operated under the supervision of a qualified Factory Medical Officer.
c.	PP shall obtain fire safety certificate / Fire No-Objection certificate (NOC) from the concern authority as per the prevailing Rules / Gujarat Fire Prevention and Life Safety Measures Act, 2016.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Fire NOC is under process.
d.	Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit have installed and adopted process automation system like PSVs (Pressure safety valves), safety interlocks, emergency on/off buttons, LEL detectors, automatic sprinkler system etc for early detection of emergency and eliminate the risk, for the implemented plant.
e.	PP shall carry out mock drill within the premises as per the prevailing guidelines of safety and display proper evacuation plan in the manufacturing area in case of any emergency or	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).

	accident.	Unit will carry out mock drills within the premises, project is implemented. Unit have displayed the proper evacuation plan for the implemented site.
f.	PP shall install adequate fire hydrant system with foam trolley within premises and separate storage of water for the same shall be ensured by PP.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has adequately provided fire hydrant system with dedicated Fire Water Storage.
g.	PP shall take all the necessary steps for control of storage hazards within premises ensuring incompatibility of storage raw material and ensure the storage keeping safe distance as per the prevailing guidelines of the concerned authority.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). All materials are stored as per approved compatibility matrix and is displayed at prominent locations.
h.	PP shall take all the necessary steps for human safety within premises to ensure that no any harm is caused to any worker/employee or Labor within premises.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S) All measures are being taken to avoid any accidents. Mandatory use of appropriate PPEs like Safety shoes, Safety goggles, Helmet, gloves, cartridge mask, ear plug/muff etc. is ensured so that no harm is caused to any worker/employee.
i.	Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S) Only flameproof electrical fittings are provided in the plant premises.
j.	PP shall provide double earthing to solvent storage tanks	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S) The unit has provided double earthing

		to solvent storage tanks.
k.	Unit shall provide effective fire hydrants, water monitors & foam application system at solvent storage area and unit shall provide adequate safety systems such as water sprinklers, and water curtains. foam pounding system etc to restrict cascade fire emergency in a solvent storage area.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has adequately provided fire hydrant system with dedicated Fire Water Storage. Fire hydrant network, fire extinguishers and water sprinkler system.
l.	Unit shall provide effective isolation for Process area and storage of hazardous chemicals.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Storage of flammable & hazardous chemicals is away from the production area.
A. 2	WATER	
9.	Total water requirement for the project shall not exceed 9803 KLD Unit shall recycle 3474 KLD. Hence, fresh water requirement shall not exceed 6329 KLD and it shall be met through GIDC supply only. Prior permission from the concerned authority shall be obtained for the withdrawal of water.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has taken prior permission from GIDC for 2023 KLD withdrawal of water, attached as Annexure-2. As per the partial implementation unit are applying only for the 639 KLD water consumption Unit will be implement in phase wise. And will apply to GIDC time to time as project will be implement.
10.	The industrial wastewater generation for the proposed expansion shall not exceed 3753 KLD.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Wastewater generation will be well within the permissible limit. Unit are applying for CTO Application only 30 KLD industrial effluent will be generated.
11.	Management of Industrial wastewater shall be as	Complied.

	<p>under:</p> <p>1 High COD, high TDS @250 KLD: Treatment through Fenton, MEE/ATFD then to ETP</p> <p>2 High COD. low TDS @123 KLD Treatment through Fenton MEE/ATFD then to ETP</p> <p>3 low COD high TDS @946 KLD Treatment through MEE/ATFD then to ETP</p> <p>4. low COD, low TDS @990 KLD to ETP.</p> <p>Total 2264 (Process & Washing) KLD wastewater will be taken in ETP, treated water of 200 KLD effluent will be discharged to NCT and the remaining effluent will undergo RO/MEE treatment and then will be recycled in the process and cooling tower.</p> <p>DM Reject & Boiler Blow Down and Softener Reject & Cooling blow down will be sent to the Utility RO plant followed by MEE/ATFD</p>	<p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit has segregated the effluent as below:</p> <p>Out of 11 KLD Process& scrubber effluent,</p> <p>3.2 KLD effluent will be treated in stripper followed by ETP (Primary, Secodary and Tertiary)</p> <ul style="list-style-type: none"> • 1.5 KLD Effluent will be treated in Fenton followed by ETP (Primary, Secodary and Tertiary) • 0.3 KLD effluent will be treated in ATFD/Evaporator followed by ETP (Primary, Secodary and Tertiary) • 6 KLD effluent directly treated into ETP (Primary, Secodary and Tertiary) <p>Washing Effluent: 3 KLD washing effluent will be treated in ETP (Primary, Secodary and Tertiary)</p> <p>Utility Effluent: 16 KLD utility effluent will be treated in the tertiary treatment along with secondary treated effluent combinely and treated effluent will be send to the NCT/CETP Pipeline for further treatment and deep sea discharge.</p>
12	<p>Domestic wastewater generation shall not exceed 100 KL/Day for proposed project and it shall be treated STP and treated water from STP recycled for greenbelt, cooling tower and toilet flushing.</p>	<p>Complied</p> <p>Unit has installed the 100 KLD STP. Since unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). hence domestic wastewater generation will not exceed 40 KL/Day for proposed project and it shall be treated STP and treated water from STP recycled for greenbelt, cooling tower and toilet flushing.</p>
13	<p>The unit shall provide a metering facility at the inlet and the outlet of STP, ETP and maintain records for the same</p>	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has provide a metering facility at the inlet and the outlet of STP, ETP. Unit will maintain the records as well.</p>
14	<p>Proper Logbook of the STP, ETP,</p>	<p>Complied.</p>

	<p>Reuse/Recycle/treated/untreated effluent chemical consumption in effluent treatment: quality & Quantity of treated effluent: power consumption etc. shall be maintained and shall be furnished to GPCB from time to time.</p>	<p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit have proper logbooks of ETP, & STP, recycle/ reuse of treated/ untreated effluent/sewage, chemical consumption in effluent treatment, quantity & quality of treated effluent, power consumption.</p>
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A.3 AIR

15	<p>Unit shall not exceed fuel consumption for Boiler, Fluid Bed Dryer, and D G Set as mentioned below:</p>	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit will not exceed the fuel consumption for Boiler, DG set. Unit will maintain the fuel consumption data once plant will be operational.</p>
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							<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit is applying for the following flue gas emission</p>																					
Sr. No.	Source of emission With Capacity	Stack Height (meter)	Type of Fuel	Quantity of Fuel MT/Day	Type of emission s i.e. Air Pollutants	Air Pollution Control Measures (APCM)																						
1	Coal Fired Boiler (2 nos x 50TPH)	60	Coal	533 TPD (2 Nos Boiler)	PM, SO ₂ & NOx	ESP & Lime dosing along with coal (i.e. Dry scrubber)+ OCEMS	<table border="1"> <thead> <tr> <th data-bbox="852 1213 943 1486">Sr. No.</th> <th data-bbox="943 1213 1032 1486">Stack attached to</th> <th data-bbox="1032 1213 1122 1486">Types of Fuel & Quantity</th> <th data-bbox="1122 1213 1211 1486">Stack height (m)</th> <th data-bbox="1211 1213 1284 1486">APCM</th> <th data-bbox="1284 1213 1373 1486">Parameter</th> <th data-bbox="1373 1213 1474 1486">Permissible Limit</th> </tr> </thead> <tbody> <tr> <td data-bbox="852 1486 943 1766">1</td> <td data-bbox="943 1486 1032 1766">Baby Boiler (0.8 TPH)</td> <td data-bbox="1032 1486 1122 1766">Natural Gas : 75 SCMHr</td> <td data-bbox="1122 1486 1211 1766">20</td> <td data-bbox="1211 1486 1284 1766">Adequate Stack Height</td> <td data-bbox="1284 1486 1373 1766">PM NOX SO₂</td> <td data-bbox="1373 1486 1474 1766">150 mg/Nm³ 50 ppm 100 ppm</td> </tr> <tr> <td data-bbox="852 1766 943 1953">2</td> <td data-bbox="943 1766 1032 1953">D.G Set 101</td> <td data-bbox="1032 1766 1122 1953">HSD: 300 Lit/Hr</td> <td data-bbox="1122 1766 1211 1953">33</td> <td data-bbox="1211 1766 1284 1953">Adequate Stack</td> <td data-bbox="1284 1766 1373 1953">PM NOX SO₂</td> <td data-bbox="1373 1766 1474 1953">150 mg/Nm³</td> </tr> </tbody> </table>	Sr. No.	Stack attached to	Types of Fuel & Quantity	Stack height (m)	APCM	Parameter	Permissible Limit	1	Baby Boiler (0.8 TPH)	Natural Gas : 75 SCMHr	20	Adequate Stack Height	PM NOX SO ₂	150 mg/Nm ³ 50 ppm 100 ppm	2	D.G Set 101	HSD: 300 Lit/Hr	33	Adequate Stack	PM NOX SO ₂	150 mg/Nm ³
Sr. No.	Stack attached to	Types of Fuel & Quantity	Stack height (m)	APCM	Parameter	Permissible Limit																						
1	Baby Boiler (0.8 TPH)	Natural Gas : 75 SCMHr	20	Adequate Stack Height	PM NOX SO ₂	150 mg/Nm ³ 50 ppm 100 ppm																						
2	D.G Set 101	HSD: 300 Lit/Hr	33	Adequate Stack	PM NOX SO ₂	150 mg/Nm ³																						

	2	Natural gas fired Boiler * (1 nos x 50TPH)	30	Natural Gas	4450 SCM /Hr (1 Nos Boiler)	Adequate Stack height	0 KVA			Height	50 ppm 100 ppm	
	3	Furnaces / Thermopack (2 x 20 lakh Kcal/hr)	30	Coal	40 TPD	Bag filter & Lime dosing along with coal (i.e. Dry scrubber)						
	4	DG Set (8 x 2000 kVA)	11	HSD	600 lit/ hr (for each DG set)	Adequate Stack Height						
16.	Unit shall provide adequate APCM with flue gas generation sources to achieve the norms prescribed by GPCB						Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has provided adequate APCMs in the existing flue gas generation sources as per above condition no. 15, & is achieving norms as per GPCB/CPCB/MoEF&CC standards.					
17.	Unit shall provide adequate APCM with process gas generation sources as mention below:1						Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has provided adequate APCMs in the existing process gas generation sources & is achieving norms as per GPCB/CPCB/MoEF&CC standards.					

Sr. no.	Specific Source of emission (Name of the Product & Process)	Type of emission	Stack/Vent Height (meter)	Air Pollution Control Measures (APCM)
1	Scrubber of Denitro Chlorination of Group A products	Cl ₂ HCl	15	3 stage scrubber H ₂ SO ₄ , Water, Caustic scrubber
2	Scrubber of Fluorinator of Group B products	HCl	12	Water scrubber
3	Scrubber of Fluorinator of Group M products	HF	12	Aq HF solution scrubber
4	Scrubber of Chlorinator of Group A products	HCl	15	Water scrubber
5	Nitration products storage facility	NO _x	12	2 stage H ₂ O ₂ + caustic solution & Water scrubber
6	Scrubber of Chlorinator of Group G products	Cl ₂ HCl	15	2 stage Water Caustic scrubber
7	Bromination products storage facility	HBr	12	Caustic scrubber

Complied.
Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).

Unit is applying for the following process gas emission and provided adequate APCM.

Sr. No.	Stack attached to	Stack height (m)	APCM	Parameter	Permissible Limit
1	Scrubber of Pilot plant (Acidic gas)	11	Caustic scrubber	Cl ₂ HCl	9 mg/Nm ³ 20 mg/Nm ³
2	Scrubber of Pilot plant (Alkaline gas)	11	Scrubber	Cl ₂ HCl	9 mg/Nm ³ 20 mg/Nm ³

8	Scrubber of Fluorinator of Group B products	HF	12	Aq. HF solution scrubber
9	Scrubber of PhotoChlorinator of Group N products	Cl ₂ HCl	15	2 stage Water , Caustic scrubber
10	CaCl ₂ dryer vent	PM	20	2 stage Water , Caustic scrubber
11	Scrubber of Pilot plant (Acidic gas)	Cl ₂ HCl	11	Caustic scrubber
12	Scrubber of Pilot plant (Alkaline gas)	Cl ₂ HCl	11	Caustic scrubber

18	PP shall use approved fuels only as fuel in boilers.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit will use Natural gas for baby boiler (0.8 TPH capacity) and HSD for DG set only.
19.	The fugitive emission in the work zone environment shall be monitored. The emission shall conform to the standards prescribed by the concerned authorities from time to time (e.g. Directors of industrial Safety & Health) Following indicative guidelines shall also be followed to reduce the fugitive emission.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit will carry the monitoring of the fugitive emission in the work zone as per the prescribed standards from this October 24 month.
	internal roads shall be either concentrated or asphalted or paved properly to reduce the fugitive emission during vehicular movement.	Complied. Unit has Internal Roads made of RCC.

	<ul style="list-style-type: none"> ➤ Air borne dust shall be controlled with water sprinklers at suitable locations in the plant. 	<p>Noted Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p>
	<ul style="list-style-type: none"> ➤ A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission. 	<p>Complied. Green-Belt developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.</p>
20.	Regular monitoring of Volatile Organic Compounds (VOCS) shall be carried out in the work zone and ambient air.	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). The unit will carrying out regular monitoring of Volatile Organic Compounds as per Form-37. Unit have enrolled the third party for the work zone and ambient air quality monitoring from this month.</p>
21.	For control of fugitive emission, VOCs, following steps shall be followed:	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S) Closed handling and charging system is provided for chemicals. Complied. Reflux condenser has been provided over reactors/ vessels. Mechanical seals pumps are provided in the unit to prevent the leakage. The unit is taken adequate measures to control the air borne dust from the plant.</p>
a.	Closed handling and charging system shall be provided for chemicals.	
b.	Reflux condenser shall be provided over reactors/ vessels.	
c.	Pumps shall be provided with mechanical seals to prevent leakages	
d.	Air borne dust at all transfers operations/points shall be controlled either by spraying water or providing enclosures.	
22	Solvent management shall be carried out as follows	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S) Unit has taken the following measures from the Solvent management.</p> <ul style="list-style-type: none"> ➤ Unit has the proper solvent recovery system and to avoid the emission process running in a closed loop system. ➤ Reactors connected with the chilling system to condensate the solvent vapor
✓	Measures shall be taken to reduce the process vapors emissions as far as possible. Use of toxic solvents shall be minimum. All venting equipment shall have vapor recovery system	
✓	Reactor shall be connected lo an adequate chilling system to condensate solvent vapors and reduce solvent loss	

✓	Reactor and solvent handling pump shall have mechanical seals to prevent leakages.	<p>and reduce the vapor losses.</p> <ul style="list-style-type: none"> ➤ Pumps have been provided with mechanical seals to prevent leakages. ➤ The condenser has the proper adequate HTA area with residence time to achieve Maximum Solvent Recovery System. ➤ Unit has provided a dedicated storage space area for the Solvent Storage tank. ➤ Unit has provided the proper earthing with all electrical equipment wherever solvent handling is done. ➤ All the solvent storage area has been flame proof with the breather Valve to prevent losses.
✓	The condensers shall be provided with sufficient HTA and residence time so as to achieve maximum solvent Recovery.	
✓	Solvents shall be stored in a separate space specified with all safety measures	
✓	Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done	
✓	Solvent storage and handling area shall be flameproof. The solvent storage tanks shall be provided with a breather valve to prevent losses.	
23.	Regular monitoring of the ground-level concentration of HCl, Cl ₂ , HF, NO _x , HBr, and PM shall be carried out in the impact zone and its records shall be maintained. Ambient air quality levels shall not exceed the standards stipulated by the GPCB. If at any stage these levels are found to exceed the prescribed limits, necessary additional control measures shall be taken immediately. The location of the stations and frequency of monitoring shall be decided in consultation with the GPCB.	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S)</p> <p>Unit have enrolled the third party for the ambient air quality monitoring. And unit will carry out the monthly monitoring from this month.</p>

A	SOLID/HAZARDOUS WASTE	
4		
2 4	All the hazardous/ solid waste management shall be taken care as mentioned below ;	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit is also abiding by all the requirements prescribed in Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.</p> <p>All the hazardous/ solid waste management will be taken care as mentioned.</p> <p>Unit has obtained the provisional membership from the CTSDf, CHWIFF</p>

						attached as Annexure-3.						
S r. n o.	Type/N ame of Hazard ous waste	Spe cific Sou rce of gen erati on (Na me of the Acti vity, Pro duct etc.)	Cat eg ory an d Sc he dul e as per HW Rul es.	Qua ntity (MT/ Ann um)	Manage ment of HW	S . N o .	Na me of Was te	Sou rce of gen erati on (Pla nt/G roup)	Cat eg ory	As pe r EC Qu an tit y (M TP A)	As pe r Ap pli ed Qu an tit y (M TP A)	Dispos al Method
						1	ETP Was te	ETP	35. 3	12 35 0	22 0	Collectio n, Storage, Transpo rtation, disposal to TSDF/ Co processi ng/pre-p rocessin g
1	ETP Waste	ETP	I-3 5.3	1235 0	Collectio n, Storage, Transpor tation, disposal to TSDF/ Co processi ng.	2	Discar ded contai ners/ Plas tic was te/ bag s/ dru ms/ carb oys	Pack ing mate rial	33. 1	50 0	50	Collectio n, Storage, Deconta mination and Disposal by sold to authoriz ed dealers/ recycler s/ Contami nated waste sent to TSDF site/ Co processi ng/pre-p rocessin g
2	Discard ed contai ners/Pla stic waste/ bags/dr ums/ca rboys	Pac king mat erial	I-3 3.1	500	Collectio n, Storage, Deconta mination and Disposal by sold to authoriz ed dealers/ recyclers							

					/ Contaminated waste sent to TSDF site/ Co processing.	
3	Used oil	Maintenance of Machine-ries and equipment	I-5.1	70	Collection, Storage, Transportation, Disposal by selling to registered re-processors.	
4	Distillation Residue	Process	I-26.1	29376	Collection, Storage, transportation, disposal at CHWIF/ Co-incineration/ Co-processing/pre-processing	
5	MEE + ATFD salt	Waste water treatment	I-35.3	23700	Collection, Storage, transportation, disposal Landfilling / Incineration/ Co processing	
6	Process Solid Waste	Process	I-26.1	11618	Collection, Storage, transportation, disposal	
3	Used oil	Maintenance of Machine-ries and equipment	5.1	70	2	Collection, Storage, Transportation, Disposal by selling to registered re-processors.
4	Distillation Residue	Process	26.1	29376	240	Collection, Storage, transportation, disposal at CHWIF/ Co-incineration/ Co-processing/pre-processing
6	MEE + ATFD salt (Evaporation Salt)	Waste water treatment	35.3	23700	36	Collection, Storage, transportation, disposal Landfilling.
7	Process Solid Waste	Process	26.1	11618	25	Collection, Storage, transportation, disposal to TSDF/Landfilling/ Co-processing/pre-processing/

					to TSDF/Co processing	
7	CaCl ₂ sludge	Process	I-35.3	6214	Collection, Storage, Transportation, disposal to TSDF/Co processing.	
8	Calcium Chloride Solution as Brine	Process	II-C2	188997	Collection, storage, transportation & sold to authorized actual end users having Rule 9 permission	
9	Off-specification product	Process	I-26.1	25	Collection, Storage, transportation, disposal to disposal by Co-processing/Incineration.	
10	Non-recyclable plastic waste & PPE's	Process waste	I-33.1	200	Collection, Storage, Transportation, disposal to TSDF.	
8	Off-specification product	Process	26.1	25	10	Collection, Storage, transportation, disposal to disposal by Co-processing/Incineration.
9	Spent Solvents	Process	26.4	2802	50	Collection, Storage, transportation, disposal to disposal by Co-processing/Incineration/ Sold to recyclers.
10	Non-recyclable plastic waste & PPE's	Process waste	33.1	200	20	Collection, Storage, Transportation, disposal to TSDF/co-processing/pre-processing
11	Spent Carbon	From ETP	36.2	70	10	Collection, Storage, transportation sent for co-processing/Incineration/pre-processing

11	Spent Carbon	From ETP	I-36.2	70	Collection, Storage, transportation sent for co-processing /incineration	
12	Spent Catalyst	Process	I-26.5	25	Collection, Storage, Decontamination, Disposal by sold to registered regenerators/ TSDF	
13	Hydrochloric Acid	Process waste from Group A,B, D, F, G, H, N & O products	II-B15	159345	Collection, Storage, Transportation & reuse manufacturing of in-house CaCl ₂ plant or will be sold to market as per Rule 9 of Hazardous and Other wastes (Management & Transboundary Movement)	
22	Spent Catalyst	Process	I-36.2	70	Collection, Storage, Decontamination, Disposal by sold to registered regenerators/ TSDF	
23	Hydrochloric Acid	Process	26.3 of Schedule-I/B15 of Schedule II	159345	694	Collection, storage, Transportation and sale to authorized industry having permission under rule-9 of Hazardous & other wastes (Management & Transboundary Movement) Rule-2016
24	Nitrosyl Sulphuric Acid	Process	26.3 of Schedule-I/B15 of Schedule	13196	318	Collection, storage, Transportation and sale to authorized industry having permission

	hydantoin	waste from Group H products			
24	Triethylamine hydrobromide (Et ₃ N.H Br)	Process waste from Group H products	II-B 10	2240	Will be sold to market as per Rule 9 of Hazardous and Other wastes (Management & Transboundary Movement) Rules 2016
25	Recovered Solvent	Process	I-2 6.4	1993 33 TPM	Recovered and recycled in house processes/ Remarks : <ul style="list-style-type: none"> • Total solvent required 2050 85 TPM, • Total Solvent recovered 1993 33 TPM, • Fresh Solvent

					required 5752 TPM, • Percentage recovered 97.2 %	
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25.	Authorized end-users shall have permissions from the concerned authorities under Rule 9 of Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit have made the MOU with end users having valid permission under HWM Rules 2016. MOU is attached herewith as Annexure-4.</p>
26.	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of incinerable & landfill wastes before sending to CHWIF & TSDF site respectively.	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit is already following the co-processing of hazardous waste as the most preferred mode of disposal wherever possible for sister concern of the Aarti Industries, same will be carry out in this unit also.</p>
27	The project proponent has to obtain membership of TSDF site & CHWIF before obtaining CTO of GPCB.	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit is also abiding by all the requirements prescribed in Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.</p>

		<p>All the hazardous/ solid waste management will be taken care as mentioned.</p> <p>Unit has obtained the provisional membership from the CHWTSDf, CHWIF attached as Annexure-3.</p>
28	<p>Management of fly ash shall be as per the Fly ash Notification 2009 & its amendment from time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.</p>	<p>Noted.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>No fly ash generation will be generated in the phase I, we will ensure the 100% utilization once fly ash will be generated in the next phase.</p>
29	<p>STP sludge shall be collected and used as manure in gardening activity or send to TSDf site for landfilling</p>	<p>Complied</p> <p>The STP sludge will be collected and used as manure in the gardening activity.</p>
30.	<p>The unit shall submit the list of authorized end user of hazardous waste along with MoU signed with them at least two months in advance prior to the commencement of production. In the absence of potential buyers of these items, the unit shall restrict the production of the respective items.</p>	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit have made the MOU with end users having valid permission under HWM Rules 2016. MOU is attached herewith as Annexure-4.</p>

A. 5	OTHER	
31.	<p>The project proponent shall carry out the activities (Health & Hygiene Project, Environment - Tree Plantation. Water Conservation in nearby villages) proposed under CER and it shall be part of the Environment Management Plan (EMP) as per the MoEF&CC's no. F. No. 2265/2017-IA.III dated 30.09.2020.</p> <p>This shall be monitored and the monitoring report shall be submitted to the regional office of MoEF&CC as a part of half-yearly compliance report and to the District Collector. The monitoring report shall be posted on the website of the project proponent.</p>	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Noted for the proposed project & shall be complied once execution of the project gets started.</p>

32.	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s Eco Chem Sales & Services, Surat and submitted by project proponent and commitments made during presentation before SEAC and proposed in the EIA report shall be strictly adhered to in letter and spirit.	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Complied. All the recommendations / commitments made in the EIA report are being implemented.</p>
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B	GENERAL CONDITIONS	
B.1	CONSTRUCTION PHASE	
33.	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	<p>Complied. Unit has adopted best construction practices to safeguard the water consumption & reduce the demand.</p>
34.	Project proponent shall ensure that surrounding environment shall not be affected due to construction activity. Construction materials shall be covered during transportation and regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.	<p>Complied. All construction materials are transported through tarpaulin covered trucks only.</p>
35.	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	<p>Complied. Unit has provided sanitary and hygienic measures at prominent locations.</p>
36.	First Aid Box shall be made readily available in adequate quantity at all the times.	<p>Complied. First Aid Box are available at prominent locations in adequate quantity.</p>
37.	The project proponent shall strictly comply with the Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	<p>Complied. The unit is strictly complying with the Building and other Construction Workers (Regulation of Employment & Conditions of Service) Act,1996 and Gujarat rules made there and their subsequent amendments.</p>
38.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the	<p>Complied Noise control measures like acoustic insulation hoods, silencers, enclosures, etc.</p>

	ambient air and noise quality shall be closely monitored during construction phase.	are provided on all sources of noise generation to meet all statutory requirements.
39.	Use of Diesel Generator (DG) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.	Complied DG are provided with Acoustic Enclosures. Monthly Noise monitoring is being conducted by a MoEFF&CC recognized and NABL accredited laboratory.
40.	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	Complied.
41.	All top soil excavated during construction activity shall be used in horticultural / landscape development within the project site.	Complied.
42.	Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.	Complied. Excavated soil is utilized for landscaping and horticulture activities.
43.	Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead free paints in the project.	Complied. Unit is using fly ash bricks, fly ash paver blocks for the construction purpose.
44.	Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.	Noted. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). No fly ash generation will be generated in the phase I, we will ensure the 100% utilization once fly ash will be generated in the next phase.
45.	Wind - breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided.	Noted

	Individual building within the project site shall also be provided with barricades.	
46.	No uncovered vehicles carrying construction material and waste shall be permitted.	Complied. All construction materials are transported through tarpaulin covered trucks only. No uncovered vehicles carrying the construction material and waste are permitted in the plant.
47.	No loose soil or sand or construction & demolition waste or any other construction material that cause dust shall be left uncovered. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured.	Complied. All construction materials are transported through tarpaulin covered trucks only. No uncovered vehicles carrying the construction material and waste are permitted in the plant.
48.	Roads leading to or at construction site must be paved and blacktopped (i.e. - metallic roads).	Complied
49.	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	Complied. No excavation of soil is being carried out without adequate dust mitigation measures in place.
50.	Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.	Complied
51.	Grinding and cutting of building materials in open area shall be prohibited.	Complied
52.	Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.	Complied
53.	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).	Complied
B.2	OPERATION PHASE	
B.2.1	WATER	

54.	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	Complied. Unit receives water from the GIDC water supply. Water meters are installed and records are maintained.
55.	All efforts shall be made to optimize water consumption by exploring Best Available Technology(BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.	Noted. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). The unit will adopt Best Available Technology (BAT) to reduce, recycle and reuse the treated effluent.
B.2.2 AIR		
56.	In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with the spray dryer so that there should not be any adverse impact on human health & environment. Unit shall carry out third party monitoring of the proposed Spray dryer & it's APCM through the credible institutes and study report for impacts on Environment and Human Health shall be submitted to GPCB every year along with half yearly compliance report.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit has not installed any spray dryer. The Unit has installed adequate & efficient air pollution control systems at other process vent & utility stack outlets to achieve the norms prescribed by the GPCB/CPCB.
57.	Acoustic enclosure shall be provided to the D.G. sets(If applicable) to mitigate the noise pollution and conform to the EPA Rules for air and noise emission standards.	Complied. The unit has provided acoustic enclosure to the DG Set to mitigate the noise pollution. Unit have enrolled the third party for the ambient noise monitoring from this month.
58.	Stacks/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	Complied. The Unit has installed adequate & efficient air pollution control systems at other process vent & utility stack outlets to achieve the norms prescribed by the GPCB/CPCB.
59.	Flue gas emission & Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&cc. At no time,	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).

	emission level should go beyond the stipulated standards.	Unit is following the norms for flue gas & process gas emission as per GPCB/CPCB/MoEF&CC standards.
60.	All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>All the reactors / vessels used in the manufacturing process are closed to reduce the fugitive emission.</p>
B.2.3 HAZARDOUS/SOLID WASTE		
61.	The company shall strictly comply with the rules and regulations with regards to handling and disposal of Hazardous waste in accordance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, as may be amended from time to time. Authorization of the GPCB shall be obtained for collection / treatment / storage / disposal of hazardous wastes.	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit is strictly complying with the regulatory norms & maintaining the records with regards to handling and disposal of Hazardous waste in accordance with the Hazardous & Other Waste (Management and Transboundary Movement) Rules 2016, as may be amended from time to time Unit has applying for the Authorization from GPCB. .</p>
62.	Hazardous wastes shall be dried, packed and stored in separate designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>All the hazardous waste is stored in the designated storage area with a pucca bottom and proper leachate collection facility.</p>
63.	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	<p>Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit is also abiding by all the requirements prescribed in Hazardous and Other Wastes</p>

		(Management and Transboundary Movement) Rules 2016. All the hazardous/ solid waste management will be taken care as mentioned. Unit has obtained the provisional membership from the CHWTSDF, CHWIF attached as Annexure-3
64.	Trucks/Tankers used for transportation of hazardous waste shall be in accordance with the provisions under the Motor Vehicle Act, 1988, and rules made there under.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit is following the Motor Vehicle Act, 1988 and rules for the vehicles transporting hazardous waste. Waste is sent by Manifest System through Dedicated Hazardous waste vehicle with Active AIS-140 GPS system.
65.	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit is ensuring to deploy trucks/Tankers suitable for hazardous waste so that there will not be any leakage / spillage during transportation.
66.	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit is putting all efforts to pre-treat / process the hazardous waste before disposal to TSDF / CHWIF.
67.	Management of fly ash (If any) shall be as per the Fly ash Notification 2009 & its amendment time to time and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). No fly ash generation will be generated in the phase I, we will ensure the 100% utilization once fly ash will be generated in the next phase.
B.2.4	SAFETY	

68.	The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963.	<p>Complied.</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>The occupier has strictly complied with the provisions under the Factories Act 1948 and Gujarat Factories Rules 1963.</p>
69.	The project authorities shall strictly comply with the provisions made in Manufacture, Storage and Import of Hazardous Chemicals Rules (MSIHC) 1989, as amended time to time and the Public Liability Insurance Act for handling of hazardous chemicals etc. Necessary approvals from the Chief Controller of Explosives and concerned Govt. Authorities shall be obtained before commissioning of the project. Requisite On-site and Off-site Disaster Management Plans have to be prepared and implemented.	<p>Complied</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Necessary permission has been taken from PESO. Copy of the same has been attached as Annexure-1.</p> <p>As well as submitted the Onsite Emergency to DISH office the Acknowledgment copy is attached as Annexure-5.</p>
70.	Main entry and exit shall be separate and clearly marked in the facility.	<p>Complied</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Main entry & Exit were separated and have been constructed marked clearly</p>
71..	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	<p>Complied</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Sufficient peripheral open passage is provided in the margin area for free movement of fire tender/ emergency vehicle around the premises.</p>
72.	Storage of flammable chemicals shall be sufficiently away from the production area.	<p>Complied</p> <p>Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S).</p> <p>Unit has been constructed as per prevailing rules of government authorities</p>

		for storage of flammable chemicals.
73.	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Complied Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Sufficient no. of fire extinguishers are provided near the plant and storage area.
74..	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic / hazardous chemicals.	Complied. All measures are being taken to avoid any accidents. Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.
75.	All the toxic/hazardous chemicals shall be stored in optimum quantity and all necessary permissions in this regard shall be obtained before commencing the expansion activities.	Complied. All the toxic/hazardous chemicals are stored in optimum quantity and all necessary permissions in this regard are obtained before commencing the expansion activities.Maintaining the storage concept.
76.	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	Complied. Unit strictly comply with all the mitigation measures and safeguards that are suggested in the Risk Assessment report.
77.	Only flame proof electrical fittings shall be provided in the plant premises.	Complied. Only flameproof electrical fittings are provided in the plant premises. Unit has carried out Hazardous area classification through an external competent agency i.e Vision Power Facts, Mumbai.
78.	Storage of hazardous chemicals shall be minimized and it shall be in multiple small capacity tanks / containers instead of one single large capacity tank / containers.	Complied. Maintaining the storage concept. Unit is not handling small containers like drums/carboys. Most of our raw materials are handled through ISO tankers/containers.
79.	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be	Complied. <ul style="list-style-type: none"> • Dyke walls have been provided for all storage tanks.

	provided for storage tanks for Hazardous Chemicals.	<ul style="list-style-type: none"> ● Closed loops systems to transfer the materials to avoid leakage/ spillage. ● Level transmitter/Level gauge provided to hazardous chemical storage tanks to avoid overflow. ● Breather valve/safety valve/flame arrestor provided to hazardous chemical storage tanks as appropriate. ● Close monitoring through the DCS panel. ● Maximum allowable storage level is 80% of total capacity. <p>Hazardous chemical storage areas are fenced properly to avoid unauthorized entry.</p>
80.	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	<p>Complied.</p> <p>Unit strictly follows all the standards for handling and pumping or vacuum transfer of chemicals for reduction of human exposure. Unit has taken all necessary measures to minimize the human exposure to hazardous chemicals by closed loop pumping / vacuum transfer.</p>
81.	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.	<p>Complied</p> <p>Unit has tie up with nearby health care units. (Jayaben Modi Hospital, 32 Kms)</p>
82.	Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	<p>Complied.</p> <p>Sufficient PPE like Helmet, Goggles, Safety Belt, Ear Plug, PVC Apron, Dust Mask, Rubber Gloves etc has been provided to all the workers and necessary care is taken to assure strict usage of PPEs.</p>
83.	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	<p>Complied</p> <p>First Aid Box and required Antidotes for the chemicals used in the unit are made readily available in adequate quantity.</p>
84.	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	<p>Complied</p> <p>Training is given to all employees on safety and health aspects of chemical handling. Pre-employment and routine periodical medical examinations for all employees are done on a regular basis. Training to all employees on handling</p>

		chemicals is imparted regularly.
85.	Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factories Act & Rules.	<p>Complied</p> <p>Occupational health surveillance of the workers is carried out on a half yearly basis and records are maintained as per the factory act.</p> <p>Following check up has been carried out in periodical medical checkup.</p> <ul style="list-style-type: none"> - General checkup (height, weight, pulse, BP etc) - Blood test (RBC, WBS, hemoglobin, platelets, blood group, differential count, G6PD etc) - Urine test (physical, chemical and microbial examination etc) - Vision test - Pulmonary function test - Audiometry - ECG - met Hb for specific workers <p>Details of health surveillance of the employees and contract workers are given below:</p>
86.	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	<p>Complied</p> <p>We ensure that the Transportation of hazardous chemicals is being done as per the provisions of the Motor Vehicle Act and Rules.</p>
87.	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	<p>Complied</p> <p>The unit has adhered to the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment Report. For the implemented plant as well as which are in construction,</p>
88.	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	Necessary permission has been taken from PESO. Certificate issued from PESO is attached as Annexure-1
B.2.5	NOISE	
89.	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control	<p>Complied</p> <p>The Unit has taken necessary noise control measures by providing engineering controls</p>

	measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	like acoustic insulation hood, silencers, enclosures etc on all sources of noise generation. Unit is monitoring noise level month wise in the operation
B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION		
90.	The unit shall undertake the Cleaner Production Assessment study through a reputed institute / organization and shall form a CP team in the company. The recommendations thereof along with the compliance shall be furnished to the GPCB.	Noted and will be complied
91.	The company shall undertake various waste minimization measures such as : 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 materials substitutes. c. Use of automated and close filling to minimize spillages. d. Use of close feed system into batch reactors. e. Venting equipment through vapour recovery system. f. Use of high pressure hoses for cleaning to reduce wastewater generation. g. Recycling of washes to subsequent batches. h Recycling of steam condensate. i. Sweeping / mopping of floor instead of floor washing to avoid effluent generation. j. Regular preventive maintenance for avoiding leakage, spillage etc.	Complied. Unit is undertaking all the measures for waste minimization. a) Metering is provided to control quantities of active ingredients. b) Reuse of by-products from the process as raw materials c) Automated and enclosed filling system available to minimize spillage. d) Unit uses a closed feed system into batch reactors. e) Venting equipment through vapour recovery system is provided f) High pressure hoses use for cleaning to reduce wastewater generation. g) Recycling of washes to subsequent batches h) Recycling of steam condensate. i) Dry cleaning / mopping the floor instead of floor washing. j) Regular preventive maintenance for avoiding leakage, spillage etc.
B.2.7 GREEN BELT AND OTHER PLANTATION		
92.	The unit shall develop green belt within premises as per the CPCB guidelines. However, if the adequate land is not available within the premises, the unit shall take up adequate plantation on road	Noted Unit will carry out green belt development in 33 % of the total plot area and for that the unit has already started green belt development from construction phase

	sides and suitable open areas in GIDC estate or any other open areas in consultation with the GIDC / GPCB and submit an action plan of plantation for next three years to the GPCB.	
93.	Drip irrigation / low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Complied Unit has provided a low-angle sprinkler system for the green belt development within the premises.
94	The PP shall develop green belt within premises (71009.27 Sq. m i.e. 33.01 % of the total plot area) as per the undertaking submitted before SEAC. Green belt shall be developed with native plant species that are significant and used for the pollution abatement as per the CPCB guidelines. It shall be implemented within 3 years of operation phase in consultation with GPCB	Noted Unit will carry out green belt development in 33 % of the total plot area and for that the unit has already started green belt development from construction phase .
B.3	OTHER CONDITIONS	
95	PP shall provide the ETP with capacity higher by 5 % than the waste water generated to mitigate the shock load if any.	Complied Unit has done the proper segregation for the wastewater stream and strictly follow up the same
96.	Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.	Complied Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). CEMS for continuous Emission Monitoring System in line with CPCB direction is under installation.
97.	Project proponent shall display the copy of Environment Clearance at the site prominently.	Complied
98.	Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.	Complied Unit had the proper preventive maintenance plan and unit are doing on regularly basis to avoiding leakages, spillages etc
99.	Project Proponent will have to display the safety procedure in working area.	Complied Unit have displayed the safety procedure in working area.

100.	The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.	Necessary permission has been taken from PESO. Copy of the same has been attached as <u>Annexure-1</u> .
101.	Project Proponent will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP /TSDF / CHWIF / CMEE / Common Spray Dryer as the case may be.	Complied. Unit has implemented only the developmental products of synthetic organic chemicals (Sr. No. S). Unit is also abiding by all the requirements prescribed in Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016. All the hazardous/ solid waste management will be taken care as mentioned. Unit has obtained the provisional membership from the CHWTSDF, CHWIF attached as Annexure-3
102.	Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.	Noted Unit will take extra care to avoid any accidental blast in boiler, reactor or any machinery in the plant
103.	Environment monitoring, training and disaster management plan should be undertaken and complied at regular interval.	Complied. Environment monitoring, training and disaster management plan is being undertaken and implementation is ensured at regular intervals.
104.	Integrated Regional Office of MoEF&CC,Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.	Noted
105.	The PP has to maintain the logsheets / registers / manifest / gate pass for discharge through tankers and SCADA system for pipeline discharge for the waste water generation and its disposal data and submit to the GPCB every quarter. quarter. GPCB shall verify the same on regular basis and inform SEIAA and take legal action in case of non compliance.	NOTED Unit was not transferring any wastewater or chemical water through the tanker to the CETP. All the generated wastewater are treated In House ETP.and Treated effluent will be discharge through the above ground pipeline to NCT common collection point.
106.	Unit shall comply all the applicable standard conditions prescribed in Office	Noted & Complied

	Memorandum (OM) published by MoEF& CC vide no. F. No. 22-34/2018-IA.III dated 09/08/2018 for Pharmaceutical and Chemical industries mentioned at (Sr. no. XX).	
107	The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEFCC's Office Memorandum No F No.22-65/2017-IA.III dated 01/05/2018 to carry out the activities under CER in affected area around the project. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to the regional office of MoEFCC as a part of half-yearly compliance report and to district collector The monitoring report shall be posted on the website of the project proponent.	Complied . The Unit is doing socioeconomic developmental/community welfare activities in surrounding areas.
108.	Rainwater harvesting of surface as well as rooftop runoff shall be undertaken and the same water shall be used for the various activities of the project to conserve fresh water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.	Complied. Unit assures to provide rain water harvesting at all possible locations & shall reuse the water after pre-treatment.
109.	The unit shall join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the Industrial Association or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC.	Complied. Unit will join and participate financially and technically for any common environmental facility / infrastructure as and when the same is taken up either by the GIDC or GPCB or any such authority created for this purpose by the Government / GIDC.
110.	Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting in addition the provision for solar water heating system shall also be provided.	Complied. Unit will installed solar panels at appropriate locations within the premises.
111.	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	Complied. Dedicated green belt area is embarked for plantation.
112.	All the commitments / undertakings given to the SEAC during the appraisal process	Noted & Complied.

	for the purpose of environmental protection and management shall be strictly adhered to.	Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
113.	The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.	Noted & Complied. Unit assures to comply with any additional conditions that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of environmental protection and management.
114.	In the event of failure of any pollution control system adopted by the unit, the unit shall be safely closed down and shall not be restarted until the desired efficiency of the control equipment has been achieved.	Complied. Unit has provided the system to close down the operation in the event of failure of any pollution control equipment.
115.	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority,	Noted & Complied Unit is adhering to stipulations of Gujarat Pollution Control Board.
116.	During material transfer there shall be no spillages and garland drain shall be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	Complied. Unit has provided a garland drain to avoid spillage mixing with stormwater.
117.	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied. Pucca flooring is provided in the areas of chemical handling to prohibit soil contamination.
118.	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	Complied. Unit is using only mechanical seal pumps in order to avoid the leakages.
119.	No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Complied Unit has ensured to not take up any further expansion or modifications in the plant likely to cause Environmental impacts without obtaining prior Environment Clearance from the concerned authority
120.	The above conditions will be enforced; inter-alia under the provisions of the	Noted.

	Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability insurance Act, 1991 along with their amendments and rules.	We will implement and follow all the rules and regulations under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
121.	The project proponent shall comply all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules, 2014 and its amendments from time to time in a letter and spirit.	Complied The project proponent has complied with all the conditions mentioned in "The Companies (Corporate Social Responsibility Policy) Rules 2014" and its amendments from time to time.
122.	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	Complied. Unit complies with all the environment protection measures, risk mitigation measures and safeguards recommended in the EMP report and Risk Assessment study report
123.	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Noted
124.	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to	Complied. Unit has informed the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA / SEAC / GPCB. Advertisement was published in The Indian Express and Sandesh on 25 th May 2022. Copy of the same is attached as <u>Annexure-6</u>

	the concerned Regional Office of the Ministry.	
125.	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environmental clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.	Noted
126.	Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted. Unit assures the authority that no False/Fabricated data has been submitted herewith.
127.	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Noted
128.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted.
129.	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary.	Noted
130.	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Noted
131.	This environmental clearance is valid for seven years from the date of issue.	Noted.
132.	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
133.	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or	Noted.

	decision on the application makes this environment clearance canceled.	Unit assures the authority that no False/Fabricated data has been submitted herewith.
B.4	COMPLIANCE OF ENVIRONMENT CLEARANCE/REPORTING/ADMINISTRATION/APPEAL:	
134.	Project proponent shall inform to all the concerned authorities including Municipal Corporation and District Collector and shall also give wide publicity through advertisement in minimum two local newspapers within seven days, about the Environment Clearance order accorded.	Complied. Unit has published an advertisement in The Indian Express and Sandesh 25th May 2022. Copy of the same is attached as <u>Annexure-6</u>
135.	Project proponent shall appoint a key person in the organization who shall be responsible for compliance of above condition fully on behalf of the proponent. It will not mean that appointing a key person will exempt the project proponent From the responsibility of compliance. Any change in key person shall immediately be informed to SEIAA and all concern authorities.	<p>Complied Environment Management Unit/Cell is shown below:</p> <p style="text-align: center;">EIA REPORT OF M/s. AARTI INDUSTRIES LIMITED (UNIT-III), DAHEJ SEZ</p> <p style="text-align: center;">FIGURE: 6.1 FLOW DIAGRAM OF ENVIRONMENT MANAGEMENT CELL</p> <pre> graph TD Director["Director (Technical)"] --> VP["Vice President"] Director --> GM["General Manager (EHS Corporate)"] VP --> SH["Site head"] GM --> SM["Sr. Manager (Environment)"] GM --> [] SM --> Officer["Officer (Environment)"] Officer --> SSup["Shift supervisor (ETP)"] SSup --> SO["Shift operator (ETP)"] </pre> <p style="text-align: center;">The copy of Environment, Health and Safety Policy is attached as Annexure- VIII.</p>
136.	Designated key person shall submit,six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.	Complied Last half yearly compliance report for the period of Oct 2023to March 2024 submitted on the date of 1 st June 2024.
137.	The Nodal Department or any authority or officer authorized by MOEF&CC/SEIAA can inspect the site of the project and all the facilities, for verification of	Noted.

	compliances of environment clearance conditions.	
138.	In case of violation reported upon, the project proponent shall be responsible for all the legal actions as per Environment Protection Act, 1986 including SEIAA may cancel, withdraw or keep in abeyance, the Environment Clearance accorded.	Noted.
139.	Any person including the project proponent affected by this Environment Clearance order may file appeal to Honorable National Green Tribunal West Zone branch, Pune, preferably within a period of thirty days from the date of issue of Environment Clearance as prescribed under section 16 of National Green Tribunal Act 2010.	Noted.
140.	All complains and public grievances or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj@gmail.com & (b) seacgujarat@gmail.com	Noted.

ANNEXURE-1



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

9वीं मंजिल, पार्क पैराडाइज, वडसर,

वडोदरा- 390012

9th Floor, Park Paradise,

Vadsar,

Vadodara - 390012

E-mail : jtcce.vadodara@explosives.gov.in

Phone/Fax No : 0265 - 2361035

संख्या /No. : P/WB/GJ/16/643 (P556684)

दिनांक /Dated : 22/08/2024

सेवा में
/To,

M/s. M/s. AARTI INDUSTRIES LTD,
Plot no 41/2,
GIDC JHAGADIA,
GIDC Vapi,
Vapi,
Taluka: Vapi,
District: VALSAD,
State: Gujarat
PIN: 396195

विषय Plot No, 41/2, GIDC JHAGADIA, GIDC JHAGADIA, Jhagadia, Taluka: Jhagadia, District: BHARUCH,
/Sub : State: Gujarat, PIN: 393110 में प्रस्तावित पेट्रोलियम वर्ग A,B,C भंडारण शेड - अनुज्ञप्ति जारी करने के संबंध में ।
Petroleum Class A,B,C Storage Shed at Plot No, 41/2, GIDC JHAGADIA, GIDC JHAGADIA, Jhagadia,
Taluka: Jhagadia, District: BHARUCH, State: Gujarat, PIN: 393110 - Regarding Grant of licence

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1739624 दिनांक 16/08/2024 का अवलोकन करें ।

Please refer to your letter No. OIN1739624 dated 16/08/2024 .

विषयान्तर्गत परिसर में निम्नलिखित पेट्रोलियम पदार्थों के वर्ग तथा मात्रा के भंडारण के लिए पेट्रोलियम नियम, 2002 के अधीन प्ररूप - XVI में जारी, दिनांक 31/12/2028 तक वैध अनुज्ञप्ति संख्या P/WB/GJ/16/643 (P556684) दिनांक 22/08/2024 अग्रषित की जा रही है ।

Licence No. P/WB/GJ/16/643 (P556684) dated 22/08/2024 granted in Form XVI under the Petroleum Rules, 2002 and valid till 31/12/2028 for the storage of the following kind and quantities of Petroleum at the subject premises is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुज्ञप्ति क्षमता /Quantity licenced in KL
पेट्रोलियम वर्ग क /Petroleum Class A	3.20 KL
पेट्रोलियम वर्ग ख /Petroleum Class B	4.00 KL
पेट्रोलियम वर्ग ग /Petroleum Class C	2.40 KL
कुल क्षमता /Total Capacity	9.60 KL

रैफिनेट तथा स्लॉप (अधिग्रहण, विक्रय, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।

Please follow the requirement/provision of "Solvent, Raffinate and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000

फिर भी, यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

(के.पी.शर्मा)
(K. P. SHARMA)
उप मुख्य विस्फोटक नियंत्रक
Dy. Chief Controller of Explosives
कृते संयुक्त मुख्य विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
वडोदरा/Vadodara

Copy forwarded to :-

1. The Additional District Magistrate, BHARUCH(Gujarat) with reference to his NOC No MAG/NOC/S.R.NO.08/WS/4116/4170/2024 Dated 21/06/2024

**For Jt. Chief Controller of Explosives
Vadodara**

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट <http://peso.gov.in> देखें)

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require signature.

Disclaimer : This page gives the latest action taken by this organization on your application. This page is made available for the information of concerned applicant/licensee only. All efforts have been made to secure this information. However, PESO will not be responsible for any misuse of the information by unauthorized persons including the hackers.

NOTIFIED AREA OFFICE**ANNEXURE-2**

નિર્દિષ્ટ વિસ્તાર અધિકારીશ્રીની કચેરી

(GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION)

(ગુજરાત ઔદ્યોગિક વિકાસ નિગમ)

Plot no. 773/P/3, Besides Aakash Polyfilms,

પ્લોટ નં. ૭૭૩/પી /૩, આકાશ પોલિફિલ્મ્સની

GIDC Jhagadia – 393110

બાજુમાં, જી. આઈ.ડી. સી., ઝઘડીયા -૩૯૩૧૧૦,

Dist. Bharuch.

જી. ભરૂચ..

Ref No. NAA/ CO/ JHG/ 553

Date – ૧૪/૧૧/૨૩

To,
M/s. Sachin Water Supply Pvt Ltd.
Site Office,
GIDC, Jhagadia.

Sub:- Higher Size Water Supply Connection M/s. Aarti Industries Limited., Plot No. 41/2 at GIDC, Jhagadia.

Ref:- 1. Your offline application No., dated 10/04/2023.

Dear Sir,

With reference to the above, it is to state that this office has issued the water connection release order against party Application under reference no.01

In Continuation , this is to confirm that the party 's connection is for 2023.00KL/Day as per GIDC Water Supply Agreement done with GIDC and necessary deposit & other charges was paid to this office . The water is to be drawn from the distribution network at GIDC Jhagadia and the connection size is 125 mm diameter.

This is for your information please.

Yours Faithfully



Chief Officer,
Notified Area
GIDC., Jhagadia

Copy to :

1. The Dy. Executive Engineer, GIDC Jhagadia.....for information please.

2. M/s. Aarti Industries Limited., Plot No. 41/2 at GIDC, Jhagadia.



DETOX INDIA

operated by  **VEOLIA**

REF No:SEPL/104891/2024/244

Date of Issue: 15.10.2024

TO WHOMSOEVER CONCERN

PROVISIONAL MEMBERSHIP CERTIFICATE

This is to certify that **M/s. AARTI INDUSTRIES LIMITED** (Generator) having its Production Unit at **PLOT NO 41/2, GIDC NOTIFIED INDUSTRIAL ESTATE, CITY : ANKLESHWAR, TAL : JHAGADIA, BHARUCH - 393110.** has approached M/s. Safe Enviro Pvt. Ltd. (Operator) for obtaining membership of its Integrated Common Hazardous Waste Management Facility (I.C.H.W.M.F) at Magnad Site for disposal of Industrial Hazardous Waste **350 MT/Year** generated from their production activities.

This Provisional Certificate with validity of 06 (Six) months from date of issue has been issued for meeting and complying any immediate requirement of the Regulators.

Final Membership Certificate shall be awarded subject to successful completion of all essential membership formalities.

Note: Waste disposal activities shall commence post receipt of Final Membership Certificate by the Generator.

In event of any clarification/discussion, please feel free to contact us at crm@detoxindia.com.

Membership fees will be non-refundable.

Disposal will be possible after the submission of CCA.

Thanks & Regards,

For, Safe Enviro Pvt. Ltd.


(Authorized Signatory)

Safe Enviro Private Limited

Site : Survey No. 868, Village - Magnad, Tal. - Jambusar, Dist. - Bharuch - 392150 (Guj.) INDIA
Registered office: 3rd Floor, H.No.-2/801, 802, Hira Modi Sheri, Bhandariwad, Sagrampura, Surat- 395002, Gujarat
Ph. : +91 261 2351248, 2346181 | E-mail : info.safeenviro@veolia.com | CIN : U51101GJ2015PTC083237



REF No:SEPPL/1200005591/2024/174

Date of Issue:18/10/2024

TO WHOMSOEVER CONCERN

PROVISIONAL MEMBERSHIP CERTIFICATE

This is to certify that M/s. AARTI INDUSTRIES LIMITED (Generator) having its Production Unit at Plot No.41/2, GIDC Notified Estate, Jhagadiya -393110 Dist: Bharuch Gujarat has approached M/s. Saurashtra Enviro Projects Pvt. Ltd. (Operator) for obtaining membership of its Common Incineration Facility at Kutch Site for disposal of Industrial Hazardous Waste generated from their Production activities.

This Provisional Certificate with validity of 06 (six) months from date of issue has been issued for meeting and complying with any immediate requirement of the Regulators.

Final Membership Certificate shall be awarded subject to successful completion of all essential membership formalities.

Note: Waste disposal activities shall commence post receipt of Final Membership Certificate by the Generator.

Membership fees will be non-refundable in any case.

In event of any clarification/discussion, please feel free to contact us at crm@detoxgroup.in for further assistance.

Thanks & Regards,

For, Saurashtra Enviro Projects Pvt. Ltd.


(Authorized Signatory)

Regd. Office : 3rd Floor, K. G. Chambers, Opp. Gujarat Samachar Press, Udhna Darwaja, Ring Road, SURAT - 395 002. Gujarat, India.
Email : info@detoxgroup.in / Website : www.detoxgroup.in / CIN : US1100GJ2006PTC047689

Corporate Office : 608-609, Rajhans Montessa, Next to Le Meridian Hotel, Near Airport, Dumas Road, SURAT - 395 007. (Guj.)
Tel. : 0261-4343567, 2993568, 2993569

Site Address : 417, Vill. juna Kataria, B/h. Gail Pump Station, Samakhiali-Radhanpur Highway,
Tal. : Bhachau, Dist. : Kutch-370 150 (GUJARAT)



BEIL INFRASTRUCTURE LIMITED

(Formerly Known As Bharuch Enviro Infrastructure Limited)

17TH OCTOBER 2024

TO,
AARTI INDUSTRIES LIMITED (JHAGADIA UNIT-IV)
PLOT NO.41/2,
GIDC NOTIFIED INDUSTRIAL ESTATE, JHAGADIA,
DIST: BHARUCH-393110., GUJARAT.

Sub: Provisional Membership Certificate for Common Incineration Facility.

Dear Sir,

We hereby certify that you have become member for the common incineration facility of **BEIL INFRASTRUCTURE LIMITED** (FORMERLY KNOWN AS BHARUCH ENVIRO INFRASTRUCTURE LTD), at GIDC, Dahej. You have booked quantity of **10 MT/Year**. You have paid Registration fees for common incinerator membership. Your Membership No. is **CI/JHG/062**.

Waste will be accepted after submitting valid authorization of GPCB.

Thanking you,

Yours faithfully,

For, BEIL INFRASTRUCTURE LTD.

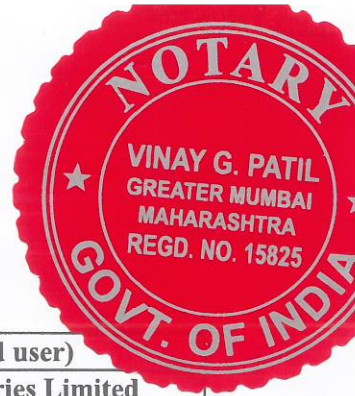
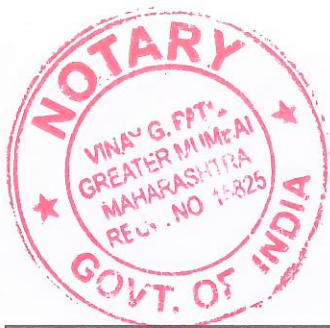
(Formerly Known as Bharuch Enviro Infrastructure Limited)


Mr. Manoj Patel
(Vice President - Operations)

CIN NO. U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)
Phones : (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co.in • website : www.beil.co.in

ANNEXURE-4



MEMORANDUM OF UNDERSTANDING

Particulars	Generator	Utilizer (End user)
Name	M/s. Aarti Industries Limited	M/s. Aarti Industries Limited (Alchemie Organics Division)
Address	Plot No. 41/2, GIDC Notified Industrial Estate, Jhagadia - 393110, Dist: Bharuch, Gujarat.	Plot No. 902, 923 & 930 Phase-III, GIDC Industrial Estate, Vapi - 396195, Dist.: Valsad, Gujarat.
CC&A No./ Consent No.	CTE-45841 Issued on 24.03.2021 Valid upto 23.03.2028 & EC No. SEIAA/GUJ/EC/5(f)/1204/2022, Issued on 17.05.2022 Valid upto 16.05.2032	AWH-123323 Issue on: 29.12.2022 Valid Upto 30.09.2029
CC&A/Consent Issuer	Gujarat Pollution Control Board, Gujarat	Gujarat Pollution Control Board, Gujarat
Name of Hazardous Waste	Hydrochloric Acid	
CC&A/Rule - 9 / Quantity	694 MT/Year	21132 MT/Year
MOU Quantity	694 MT/Year	
Validity of MOU	Validity till Expiry of Consent/CC&A of either generator or Utilizer/end user, whichever earlier	

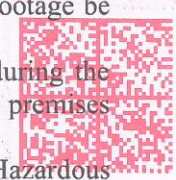
Authorised Signatory
For Bhane Bharat Sahakari Bank Ltd.
Main Branch Thane

Phone No: 022-25555555
Sold To/Issued To: Aarti Industries Ltd.
For Whom/ID Proof: AARTI INDUSTRIES LTD.
AABCA27/TL

The particulars of this MOU including terms and conditions between the Generator & the Enduser are mentioned herewith:

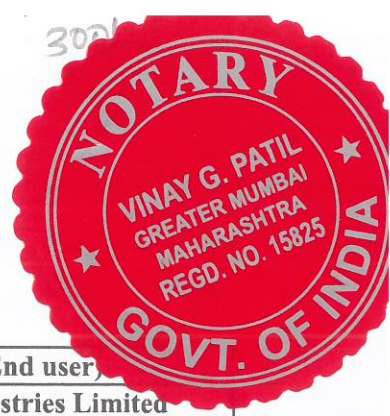
That

- This MOU is made solely for the purpose of CC&A application of the Generator. The Utilizer will receive the Hazardous Waste only after valid CC&A and authorization is issued by GPCB for sell/dispatch of Hazardous Waste to the Generator.
- As a part of this MOU, the Utilizer/End user has agreed to accept the Hazardous Waste generated from the manufacturing activities of the Generator.
- Hazardous Waste shall be sent with the proper online manifest generated through GPCB XGN site invariably.
- Hazardous Waste shall be transported through AIS-140 compliant Global Positioning System (GPS) enabled dedicated tankers/trucks only.
- Both the parties, the Generator and the Utilizer/End user, shall install and operate CCTV surveillance system with 24x7 recordings at their factory premises and at least one month's storage of footage be made available for inspection at any given point of time.
- The Transporter shall be responsible in case of any illegal disposal of Hazardous waste during the transportation and shall safely transport the waste from the premises of the Generator till the premises of the Utilizer/End user.
- Both the parties, the Generator and the Utilizer/End user, shall keep record of inventory of Hazardous waste generation, reception, disposal & utilization (as applicable) as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shall make inventory available for inspection.
- The End user shall submit the certificate of receipt and utilization of Hazardous Waste (inventory) on monthly basis to the generator.



₹ 0000300/-
AGREEMENT
3816321722338414069-00247376
381632168-D161-V-0011-2023
JUL - 30 - 2024 11:20:14





MEMORANDUM OF UNDERSTANDING

Particulars	Generator	Utilizer (End user)
Name	M/s. Aarti Industries Limited	M/s. Aarti Industries Limited (Alchemie Organics Division)
Address	Plot No. 41/2, GIDC Notified Industrial Estate, Jhagadia - 393110, Dist: Bharuch, Gujarat.	Plot No. 902, 923 & 930 Phase-III, GIDC Industrial Estate, Vapi - 396195, Dist.: Valsad, Gujarat.
CC&A No./ Consent No.	CTE-45841 Issued on 24.03.2021 Valid upto 23.03.2028 & EC No. SEIAA/GUJ/EC/5(f)/1204/2022, Issued on 17.05.2022 Valid upto 16.05.2032	AWH-123323 Issue on: 29.12.2022 Valid Upto 30.09.2029
CC&A/Consent Issuer	Gujarat Pollution Control Board, Gujarat	Gujarat Pollution Control Board, Gujarat
Name of Hazardous Waste	Nitrosyl Sulfuric acid	
CC&A/Rule - 9 / Quantity	318 MT/Year	5718 MT/Year
MOU Quantity	318 MT/Year	
Validity of MOU	Validity till Expiry of Consent/CC&A of either generator or Utilizer/end user whichever earlier	

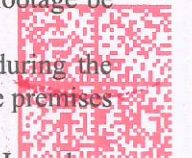
Authorised Signatory
For Thane Bharat Sahakari Bank Ltd.
Main Branch Thane

Phone No :
Sold To/Issued To :
Aarti Industries
For Wharid Prodft :
AABQ42191L

The particulars of this MOU including terms and conditions between the Generator & the Enduser are mentioned herewith:

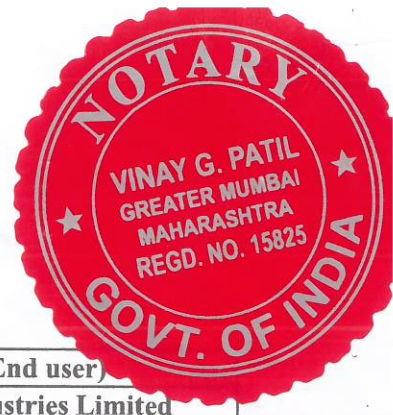
That

- This MOU is made solely for the purpose of CC&A application of the Generator. The Utilizer will receive the Hazardous Waste only after valid CC&A and authorization is issued by GPCB for sell/dispatch of Hazardous Waste to the Generator.
- As a part of this MOU, the Utilizer/End user has agreed to accept the Hazardous Waste generated from the manufacturing activities of the Generator.
- Hazardous Waste shall be sent with the proper online manifest generated through GPCB XGN site invariably.
- Hazardous Waste shall be transported through AIS-140 compliant Global Positioning System (GPS) enabled dedicated tankers/trucks only.
- Both the parties, the Generator and the Utilizer/End user, shall install and operate CCTV surveillance system with 24x7 recordings at their factory premises and at least one month's storage of footage be made available for inspection at any given point of time.
- The Transporter shall be responsible in case of any illegal disposal of Hazardous waste during the transportation and shall safely transport the waste from the premises of the Generator till the premises of the Utilizer/End user.
- Both the parties, the Generator and the Utilizer/End user, shall keep record of inventory of Hazardous waste generation, reception, disposal & utilization (as applicable) as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shall make inventory available for inspection.
- The End user shall submit the certificate of receipt and utilization of Hazardous Waste (inventory) on monthly basis to the generator.



AGREEMENT
38161221722338435071-000247378
3816132 1GR-DIGT-V-0031-2023
0000300/-
JUL-30-2024 11:20:35





MEMORANDUM OF UNDERSTANDING

Particulars	Generator	Utilizer (End user)
Name	M/s. Aarti Industries Limited	M/s. Aarti Industries Limited (Alchemie Organics Division)
Address	Plot No. 41/2, GIDC Notified Industrial Estate, Jhagadia - 393110, Dist: Bharuch, Gujarat.	Plot No. 902, 923 & 930 Phase-III, GIDC Industrial Estate, Vapi - 396195, Dist.: Valsad, Gujarat.
CC&A No./ Consent No.	CTE-45841 Issued on 24.03.2021 Valid upto 23.03.2028 & EC No. SEIAA/GUJ/EC/5(f)/1204/2022, Issued on 17.05.2022 Valid upto 16.05.2032	AWH-123323 Issue on: 29.12.2022 Valid Upto 30.09.2029
CC&A/Consent Issuer	Gujarat Pollution Control Board, Gujarat	Gujarat Pollution Control Board, Gujarat
Name of Hazardous Waste	Sulphuric acid	
CC&A/Rule - 9 / Quantity	1413 MT/Year	38400 MT/Year
MOU Quantity	1413 MT/Year	
Validity of MOU	Validity till Expiry of Consent/CC&A of either generator or Utilizer/end user, whichever earlier	

Authorised Signatory
For Thane Bharat Sahakari Bank Ltd.
Main Branch Thane

Phone No.:
For Issued To:
Aarti Industries
For Whom/ID Proof:
AAB4A278/L

The particulars of this MOU including terms and conditions between the Generator & the Enduser are mentioned herewith:

That

- This MOU is made solely for the purpose of CC&A application of the Generator. The Utilizer will receive the Hazardous Waste only after valid CC&A and authorization is issued by GPCB for sell/dispatch of Hazardous Waste to the Generator.
- As a part of this MOU, the Utilizer/End user has agreed to accept the Hazardous Waste generated from the manufacturing activities of the Generator.
- Hazardous Waste shall be sent with the proper online manifest generated through GPCB XGN site invariably.
- Hazardous Waste shall be transported through AIS-140 compliant Global Positioning System (GPS) enabled dedicated tankers/trucks only.
- Both the parties, the Generator and the Utilizer/End user, shall install and operate CCTV surveillance system with 24x7 recordings at their factory premises and at least one month's storage of footage be made available for inspection at any given point of time.
- The Transporter shall be responsible in case of any illegal disposal of Hazardous waste during the transportation and shall safely transport the waste from the premises of the Generator till the premises of the Utilizer/End user.
- Both the parties, the Generator and the Utilizer/End user, shall keep record of inventory of Hazardous waste generation, reception, disposal & utilization (as applicable) as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shall make inventory available for inspection.
- The End user shall submit the certificate of receipt and utilization of Hazardous Waste (inventory) on monthly basis to the generator.

Thane Bharat Sahakari Bank Limited
INDIA NON JUDICIAL
AGREEMENT
38156321722338462992-00247380
38156321722338462992-0011-2023
0000300/-
JUL -30-2024 11:20:52





8. The End User shall not exceed the permitted/applied quantity of Hazardous waste from all generators.
9. Both the parties, the Generator and the Utilizer/End user, shall strictly follow CPCB guidelines of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendments.
10. CPCB SOP No. 53 is available for the utilization of Spent Sulphuric Acid in the production of dyes and dye intermediate products. The end-user has to obtain the Authorization and Passbook from GPCB.
11. Transporters shall be responsible for the compliance of Motor Vehicle Act, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Rules framed thereunder for carrying Hazardous Chemicals/waste.
12. Transporter selection by generator/end user shall be as per the HWM Rules 2016, Vehicle Act, and other related rules & regulations.
13. The Transporter shall ensure that the trucks shall be dedicated for transportation of hazardous wastes and shall not be used for any other purposes.
14. The Transporter shall ensure the cleaning of vehicles carrying Hazardous waste shall be carried out at designated places duly authorized by respective Pollution Control Board/Committee.
15. Utilizer/End users shall ensure returning of duly signed and stamped copy of manifest system (Copy-6) to generator as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
16. Utilizer/End users shall ensure to accept the manifest on GPCB XGN site after receiving the consignment of waste as per GPCB-XGN requirements.
17. Utilizer/End users shall ensure return of duly signed and stamped copy of manifest system (Copy-4) to the transporter after accepting the consignment of hazardous waste as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
18. Transporters shall be responsible for maintaining the record of Manifest system-Copy-4 at their end for inspection/verification.
19. Utilizer/End users shall ensure written communication to Generator through mail for acceptance of consignment with receipt vehicle photo at the end users gate and integrity of seal applied on valves/manholes of the vehicles carrying hazardous waste.

M/s. Aarti Industries Limited
(Jhagadia)

Authorized Signatory

M/s. Aarti Industries Limited
(Alchemie Organics Division)

Authorized Signatory

30 JUL 2024



ATTESTED BY ME

VINAY G. PATIL
Advocate & Notary
.No.3, Shree Ganesh Niwas, Shripad Chaw.
Opp. Mulund Court, J.S.D. Road,
Mulund (West), Mumbai - 400 080.



MEMORANDUM OF UNDERSTANDING

Particulars	Generator	Utilizer (End user)
Name	M/s. Aarti Industries Limited	M/s. Aarti Industries Limited (Alchemie Organics Division)
Address	Plot No. 41/2, GIDC Notified Industrial Estate, Jhagadia - 393110, Dist: Bharuch, Gujarat.	Plot No. 902, 923 & 930 Phase-III, GIDC Industrial Estate, Vapi - 396119, Dist.: Valsad, Gujarat.
CC&A No./ Consent No.	CTE-45841 Issued on 24.03.2021 Valid upto 23.03.2028 & EC No. SEIAA/GUJ/EC/5(f)/1204/2022, Issued on 17.05.2022 Valid upto 16.05.2032	AWH-123323 Issue on: 29.12.2022 Valid Upto 30.09.2029
CC&A/Consent Issuer	Gujarat Pollution Control Board, Gujarat	Gujarat Pollution Control Board, Gujarat
Name of Hazardous Waste	Nitrosyl Sulfuric acid	
CC&A/Rule - 9 / Quantity	318 MT/Year	5718 MT/Year
MOU Quantity	318 MT/Year	
Validity of MOU	Validity till Expiry of Consent/CC&A of either generator or Utilizer/end user, whichever earlier	

Authorised Signatory
For Thane Bharat Sahakar Bank Ltd.
Main Branch Thane

Phone No.:
Sold To/Issued To:
Aarti Industries
For Wholesaler
AABD02711

The particulars of this MOU including terms and conditions between the Generator & the Enduser are mentioned herewith:

That

1. This MOU is made solely for the purpose of CC&A application of the Generator. The Utilizer will receive the Hazardous Waste only after valid CC&A and authorization is issued by GPCB for sell/dispatch of Hazardous Waste to the Generator.
1. As a part of this MOU, the Utilizer/End user has agreed to accept the Hazardous Waste generated from the manufacturing activities of the Generator.
2. Hazardous Waste shall be sent with the proper online manifest generated through GPCB XGN site invariably.
3. Hazardous Waste shall be transported through AIS-140 compliant Global Positioning System (GPS) enabled dedicated tankers/trucks only.
4. Both the parties, the Generator and the Utilizer/End user, shall install and operate CCTV surveillance system with 24x7 recordings at their factory premises and at least one month's storage of footage be made available for inspection at any given point of time.
5. The Transporter shall be responsible in case of any illegal disposal of Hazardous waste during the transportation and shall safely transport the waste from the premises of the Generator till the premises of the Utilizer/End user.
6. Both the parties, the Generator and the Utilizer/End user, shall keep record of inventory of Hazardous waste generation, reception, disposal & utilization (as applicable) as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shall make inventory available for inspection.
7. The End user shall submit the certificate of receipt and utilization of Hazardous Waste (inventory) on monthly basis to the generator.



AGREEMENT
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8. The End User shall not exceed the permitted/applied quantity of Hazardous waste from all generators.
9. Both the parties, the Generator and the Utilizer/End user, shall strictly follow CPCB guidelines of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendments.
10. CPCB SOP No. 53 is available for the utilization of Spent Nitrosyl Sulphuric Acid in the production of dyes and dye intermediate products. The end-user has to obtain the Authorization and Passbook from GPCB.
11. Transporters shall be responsible for the compliance of Motor Vehicle Act, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Rules framed thereunder for carrying Hazardous Chemicals/waste.
12. Transporter selection by generator/end user shall be as per the HWM Rules 2016, Vehicle Act, and other related rules & regulations.
13. The Transporter shall ensure that the trucks shall be dedicated for transportation of hazardous wastes and shall not be used for any other purposes.
14. The Transporter shall ensure the cleaning of vehicles carrying Hazardous waste shall be carried out at designated places duly authorized by respective Pollution Control Board/Committee.
15. Utilizer/End users shall ensure returning of duly signed and stamped copy of manifest system (Copy-6) to generator as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
16. Utilizer/End users shall ensure to accept the manifest on GPCB XGN site after receiving the consignment of waste as per GPCB-XGN requirements.
17. Utilizer/End users shall ensure return of duly signed and stamped copy of manifest system (Copy-4) to the transporter after accepting the consignment of hazardous waste as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
18. Transporters shall be responsible for maintaining the record of Manifest system-Copy-4 at their end for inspection/verification.
19. Utilizer/End users shall ensure written communication to Generator through mail for acceptance of consignment with receipt vehicle photo at the end users gate and integrity of seal applied on valves/manholes of the vehicles carrying hazardous waste.

**M/s. Aarti Industries Limited
(Jhagadia)**

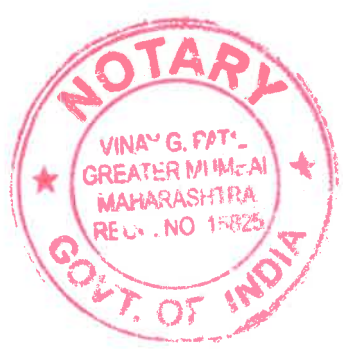
B. E. J.

Authorized Signatory

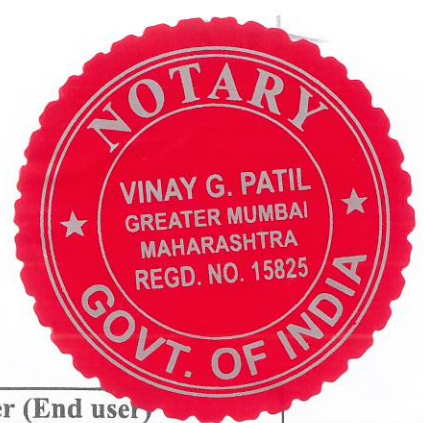
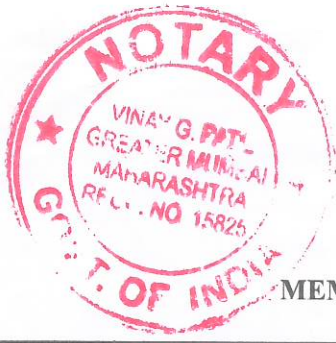
**M/s. Aarti Industries Limited
(Alchemie Organics Division)**

[Signature]

Authorized Signatory



30 JUL 2024
ATTESTED BY ME
[Signature]
VINAY G. PATIL
Advocate & Notary
No.3, Shree Ganesh Niwas, Shripad Chaw
Opp. Mulund Court, J.S.D. Road,
Mulund (West), Mumbai - 400 080.



MEMORANDUM OF UNDERSTANDING

Particulars	Generator	Utilizer (End user)
Name	M/s. Aarti Industries Limited	M/s. Vitrag Chemicals Pvt. Ltd.
Address	Plot No. 41/2, GIDC Notified Industrial Estate, Jhagadia - 393110, Dist: Bharuch, Gujarat.	Plot No. C-1-B / 81, 100 Shed Area, GIDC Estate, Vapi-396195, Dist. Valsad, Gujarat
CC&A No./ Consent No.	CTE-45841 Issued on 24.03.2021 Valid upto 23.03.2028 & EC No. SEIAA/GUJ/EC/5(f)/1204/2022, Issued on 17.05.2022 Valid upto 16.05.2032	AWH-106507 Issued on 04.02.2020 & Valid up to 30.09.2024 And it's subsequent amendments
CC&A/Consent Issuer	Gujarat Pollution Control Board, Gujarat	Gujarat Pollution Control Board, Gujarat
Name of Hazardous Waste	Sodium Hypo Chlorite Solution	
CC&A/Rule - 9 / Quantity	375 MT/Year	9600 MT/Year
MOU Quantity	375 MT/Year	
Validity of MOU	Validity till Expiry of Consent/CC&A of either generator or Utilizer/end user whichever earlier	

Authorised Signatory
For Shree Bharat Sahakari Bank Ltd.
Main Branch Than...

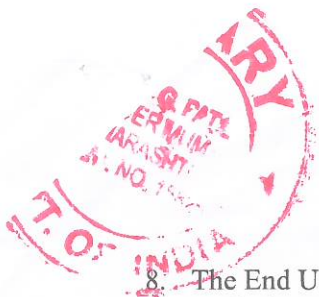
The particulars of this MOU including terms and conditions between the Generator & the Enduser are mentioned herewith:

That

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- Hazardous Waste shall be sent with the proper online manifest generated through GPCB XGN site invariably.
- Hazardous Waste shall be transported through AIS-140 compliant Global Positioning System (GPS) enabled dedicated tankers/trucks only.
- Both the parties, the Generator and the Utilizer/End user, shall install and operate CCTV surveillance system with 24x7 recordings at their factory premises and at least one month's storage of footage be made available for inspection at any given point of time.
- The Transporter shall be responsible in case of any illegal disposal of Hazardous waste during the transportation and shall safely transport the waste from the premises of the Generator till the premises of the Utilizer/End user.
- Both the parties, the Generator and the Utilizer/End user, shall keep record of inventory of Hazardous waste generation, reception, disposal & utilization (as applicable) as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and shall make inventory available for inspection.
- The End user shall submit the certificate of receipt and utilization of Hazardous Waste (inventory) on monthly basis to the generator.

Phone No. :
Sold To/Issued To:
Aarti Industries
For whom/ID Prof. :
AABC/A2789 L
Khatian Bank Ltd
Main Branch
INDIA NOW JUDICIAL
AGREEMENT
08158821722338444933-00247379
815882 1GR-DIGIT-V-0011-2023
0000300/-
JUL-30-2024 11:20:44





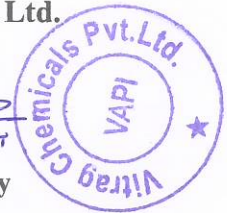
8. The End User shall not exceed the permitted/applied quantity of Hazardous waste from all generators.
9. Both the parties, the Generator and the Utilizer/End user, shall strictly follow CPCB guidelines of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its amendments.
10. The end-user has obtained the Authorization and Passbook from GPCB, for utilization of sodium hypochlorite solution.
11. Transporters shall be responsible for the compliance of Motor Vehicle Act, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and Rules framed thereunder for carrying Hazardous Chemicals/waste.
12. Transporter selection by generator/end user shall be as per the HWM Rules 2016, Vehicle Act, and other related rules & regulations.
13. The Transporter shall ensure that the trucks shall be dedicated for transportation of hazardous wastes and shall not be used for any other purposes.
14. The Transporter shall ensure the cleaning of vehicles carrying Hazardous waste shall be carried out at designated places duly authorized by respective Pollution Control Board/Committee.
15. Utilizer/End users shall ensure returning of duly signed and stamped copy of manifest system (Copy-6) to generator as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
16. Utilizer/End users shall ensure to accept the manifest on GPCB XGN site after receiving the consignment of waste as per GPCB-XGN requirements.
17. Utilizer/End users shall ensure return of duly signed and stamped copy of manifest system (Copy-4) to the transporter after accepting the consignment of hazardous waste as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
18. Transporters shall be responsible for maintaining the record of Manifest system-Copy-4 at their end for inspection/verification.
19. Utilizer/End users shall ensure written communication to Generator through mail for acceptance of consignment with receipt vehicle photo at the end users gate and integrity of seal applied on valves/manholes of the vehicles carrying hazardous waste.

**M/s. Aarti Industries Limited
(Jhagadia)**

Authorized Signatory

Vitrag Chemicals Pvt. Ltd.

Authorized Signatory



30 JUL 2024
ATTESTED BY ME

VINAY G. PATIL
Advocate & Notary
No.3, Shree Ganesh Niwas, Shripad Chawl
Opp. Mulund Court, J.S.D. Road,
Mulund (West), Mumbai - 400 080.

ANNEXURE-5



AIL Z-IV/DISH/2024-25/003

11/09/2024

To,
The Deputy Director
Industrial Safety & Health
2nd Floor, Multi Storied Building,
Near New Court,
Kanbi Vaga, Bharuch

Sub: Submission of Onsite Emergency Plan for New Plant Building for Plot No 41/2, GIDC, Jhagadia.

Respected Sir,

Aarti Industries Limited (AIL) has proposed to start a new manufacturing set-up in Plot no. 41/2, GIDC, Jhagadia.

As per Schedule 8-A Rule 68 (J)(12)(1) of the Gujarat Factories Rules 1963 and Rule 13(1) of the MSIHC Rules, 1989, the Onsite Emergency Plan is prepared. We are hereby submitting the Onsite Emergency Plan for your kind perusal.

We request you to kindly acknowledge and oblige.

Thank you in kind anticipation.

Yours Sincerely,
For Aarti Industries Limited,

Authorized Signatory
Aarti Industries Limited
Plot No. 41/2, GIDC, Jhagadia
Dist. Bharuch 393110

Encl:
Annexure 1: Onsite Emergency Plan

www.aarti-industries.com | CIN : L24110GJ1984PLC007301

Regd. Office : Plot No. 801, 801/23, Illrd Phase, GIDC Vapi - 396 195, Dist. Valsad. INDIA. T : 0260-2400366.

Factory : Plot No. 41/1, 41/2, 41/3/1-2-3, GIDC Jhagadia Estate, Jhagadia, Dist. Bharuch - 393 110. INDIA

Admin. Office : 71, Udyog Kshetra, 2nd Floor, Mulund Goregaon Link Road, Mulund (W), Mumbai - 400 080, INDIA.

T : 022-67976666, F : 022-2565 3234 | E : info@aarti-industries.com

