

DCM Shriram Limited

(Unit: Shriram Alkali and Chemicals-3, Jhagadia)

SIX MONTHLY ENVIRONMENT CLEARANCE COMPLIANCE REPORT

For the period of April'25 to September'25

[Letter no. SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024]

S.N	CONDITIONS/RECOMMENDATION	STATUS
	The proposal is for Environmental Clearance to M/s. DCM Shriram Limited at plot no. 753, Vil. GIDC Industrial Estate, Ta. Jhagadia, Dist. BHARUCH. It is a proposed unit for manufacturing following products, which falls in the category - 5(f) of the schedule of the EIA Notification-2006	Noted
A1	SPECIFIC CONDITION	
1	1233 KLD industrial effluent generated from Manufacturing Process (792 KLD), Boiler Blow Down (9 KLD), Cooling Blow Down (332 KLD), Washing (100 KLD), process shall be treated in ETP followed by UF/RO. RO reject (246 KLD) shall be send to Recycling MEE with ATFD and RO-2 Permeate (985 KLD) shall be reused in Cooling tower.	Noted & will be complied before startup of our process
2	PP shall provide and operate ETP having capacity of 1400 KLD for treatment of industrial wastewater.	Noted & will be complied before startup
3	PP shall carry out CER activity of their project cost, as per their submission vide OM of MoEF & CC dated 1.5.2018 and its amendment of Rs 7.95 Crore	Noted
4	PP shall submit provisional copy of TSDF certificate with validity.	Noted We will obtain the TSDF certificate before start-up
5	Proponent shall submit approved conservation plan from competent authority for Schedule I species, as per their submission having total conservation budget of Rs 37.94 Lakh.	Noted & will be complied before startup
6	PP shall provide and operate ETP having capacity of 1400 KLD for treatment of industrial wastewater.	Noted & will be complied before startup of our process
7	PP shall provide and operate STP having capacity of 50 KLD for treatment of industrial wastewater.	Noted & will be complied before startup of our process
8	Proponent shall provide all fire prevention and safety measures for fire control, even though fire NOC is not mandatory of labour and skilled department.	Noted We will consider and provide all fire prevention and safety measures for fire control during operation phase
9	The PP shall develop green belt [14,565 Sq m (25%) inside plant premises + 8,738 Sq m (15%) at GIDC Jhagadia (Outside plant premises) = Total: 23,303 Sq. m.) i.e. 40% of total plot area]	Noted & complied We already developed green belt at outside of the plant premises. We will also develop it within premises after commissioning of the plant

10	ETP will be designed for 1400 KLD capacity, phase wise in modular fashion such that 15% additional capacity can be utilized if required. ETP designed with primary, secondary & tertiary treatment units along with UF/RO & MEE+ATFD for treatment of industrial effluent generation.	Noted We will design the ETP as required before start-up the process
11	Out of 792 KLD of process wastewater, 528 KLD from epoxy process wastewater stream is being evaluated for stream segregation and purification for reuse at Plot No. 749 as brine solution input for caustic soda electrolysis process at DCM Shriram Ltd (Chlor-Alkali Plant) as a resource conservation opportunity.	Noted We will comply the condition before start-up
12	Sewage treatment plant of 50 KLD capacity is proposed for treatment of domestic sewage and treated sewage will be reused for gardening purpose within premises.	Noted We will provide the separate STP as required during operation phase
13	Proponent shall obtain PESO permission from competent authority	Noted We will obtain the required permissions from competent authority before start-up
14	Proposed industry falls under category of 5 (1) and falls in non CEPI area as per SEAC Recommendation.	Noted
Specific EC Conditions for (Synthetic organic Chemicals Industry)		
1	Construction Phase	
1.1	<p>a) "Wind - breaker of appropriate height i.e. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.</p> <p>b) "No uncovered vehicles carrying construction material and waste shall be permitted."</p> <p>c) "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."</p> <p>d) Roads leading to or at construction site must be paved and blacktopped (i.e. metallic roads).</p> <p>e) No excavation of soil shall be carried out without adequate dust mitigation measures in place.</p> <p>f) Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.</p>	Noted We will comply with the condition before start-up

	<p>g) Grinding and cutting of building materials in open area shall be prohibited.</p> <p>h) Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.</p> <p>i) Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).</p>	
2	SPECIFIC CONDITION	
2.1		
1	Unit shall install CEMS [Continuous Emission Monitoring System] in line to CPCB directions to all SPCB vide letter no. B-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].	<p>Noted</p> <p>We will install required CEMS as per CPCB guidelines after commissioning of the project</p>
2	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.	<p>Noted</p> <p>We will comply with the condition before start-up</p>
3	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>Noted</p> <p>We will comply with the condition before start-up</p>
4	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 & consistence with the same.	<p>Noted</p> <p>We will comply with the condition before start-up</p>
5	All measures shall be taken to avoid soil and ground water contamination within premises.	<p>Noted</p> <p>We will comply with the condition before start-up</p>
6	<p><u>Safety & Health:</u></p> <p>a) PP shall obtain PESO permission for the storage and handling of hazardous chemicals. (If applicable).</p> <p>b) PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.</p>	<p>Noted</p> <p>We will comply with the condition before start-up</p>




<p>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.</p> <p>d) Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.</p> <p>c) 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 accident.</p> <p>f) PP shall install adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.</p> <p>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.</p> <p>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 labour within premises.</p> <p>i) Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.</p> <p>j) Unit shall never store drum/barrels/carboys of incompatible material/chemical together.</p> <p>k) Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.</p> <p>l) The project management shall prepare a detailed Disaster Management Plan (DMP) for the project as per the guidelines from Directorate of Industrial Safety and Health.</p> <p>m) Unit shall obtain all required permissions from the Narcotics Control Bureau for manufacturing, storage and handling of Acetic Anhydride & any such chemicals.</p>	
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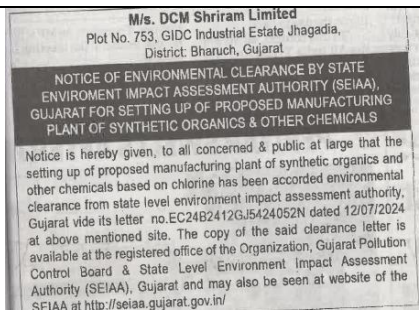
	<p>n) Provide double earthing to solvent storage tanks: (1) Unit shall provide effective fire hydrants, water monitors & foam application system at solvent storage tank farm area. (2) Unit shall provide adequate safety system such as water sprinklers, water curtains, foam pouring system etc. to restrict cascade fire emergency in solvent tank farm.</p> <p>o) Unit shall never store drum/barrels/carboys of incompatible material/chemical together.</p> <p>p) Unit shall provide chlorine leakage control emergency kit and FRP hood with scrubber system for chlorine safety.</p> <p>q) Unit shall provide safety valve and rupture disc, as well as auto dump or auto quench/, suppress system for exothermic reaction vessel safety.</p>	
	<u>WATER</u>	
7	Total water requirement for the project shall not exceed 4520 KLD. Unit shall reuse 1214 KLD of treated effluent within premises. Hence, fresh water requirement shall not exceed 3256 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for procurement of water.	<p>Noted</p> <p>We will comply with the condition before start-up</p>
8	The industrial effluent generation from the project shall not exceed 1233 KLD.	<p>Noted</p> <p>We will comply with the condition before start-up</p>
9	<p>Management of Industrial effluent shall be as under:</p> <p>1233 KLD industrial effluent generated from Manufacturing Process (792 KLD), Boiler Blow Down (9 KLD), Cooling Blow Down (332 KLD), Washing (100 KLD), process shall be treated in ETP followed by UF/RO. RO reject (246 KLD) shall be send to Recycling MEE with ATFD and RO-2 Permeate (985 KLD) shall be reused in Cooling tower.</p> <p>Thus there shall be no discharge of any industrial effluent into an environment like drain, land etc and shall maintained Zero Liquid Discharge (ZLD).</p>	<p>Noted.</p> <p>We will meet the requirement during the operation phase.</p>
10	Domestic wastewater generation shall not exceed 43.2 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off into soak pit. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB	<p>Noted.</p> <p>We will meet the requirement during the operation phase.</p>

11	During monsoon season when treated sewage may not be required for the plantation/Gardening/Green belt purpose, it shall be stored within premises. There shall be no discharge of waste water outside the premises in any case.	Noted. We will meet the requirement during the operation phase.
12	Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	Noted. We will provide the buffer water storage tank as per requirement
13	Complete Zero Liquid Discharge (ZLD) status shall be maintained all the time and there shall be no drainage connection from the premises.	Noted. We will meet the requirement during the operation phase.
14	Unit shall feed wastewater to in-house MEE only after ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on Environment and Human Health	Noted. We will meet the requirement during the operation phase.
15	Unit shall provide STP and ETP with adequate capacity.	Noted. We will provide STP and ETP as per requirement
16	The unit shall provide metering facility at the inlet and outlet of ETP and maintain records for the same.	Noted We will provide metering facility as per requirement
17	Proper logbooks of ETP; reuse/ recycle of treated/ untreated effluent; chemical consumption in effluent treatment; quantity & quality of treated effluent; power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	Noted We will comply with the requirement
	AIR	
18	Unit shall not exceed fuel consumption for Boiler, Thermic Fluid Heater and D G Set as per the point no. 24 as mentioned above.	Noted We will ensure to not exceed the fuel consumption as mentioned
19	PP shall use approved fuels only as fuel in Boiler, Thermic Fluid Heater and D G Set.	Noted We will comply with the condition
20	Unit shall provide adequate APCM with flue gas generation sources to achieve the norms prescribed by GPCB.	Noted We will install adequate APCM to meet with the requirement
21	Unit shall provide adequate APCM with process gas generation sources as the point no. 25 as mentioned above.	Noted We will install adequate APCM to meet with the requirement
22	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 (eg. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.	Noted We will comply with the requirement

	<p>Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.</p> <p>Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.</p> <p>A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.</p>	
23	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.	<p>Noted</p> <p>We will comply with the requirement</p>
24	<p>For control of fugitive emission, VOCs, following steps shall be followed:</p> <p>a. Closed handling and charging system shall be provided for chemicals.</p> <p>b. Reflux condenser shall be provided over Reactors/Vessels.</p> <p>c. Pumps shall be provided with mechanical seals to prevent leakages.</p> <p>d. Air borne dust at all transfers operations/ points shall be controlled either by spraying water or providing enclosures.</p>	<p>Noted</p> <p>We will comply with the requirement</p>
25	<p>Solvent management shall be carried out as follows:</p> <p>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 vapour recovery system</p> <p>Reactor shall be connected to adequate chilling system to condensate solvent vapors and reduce solvent losses.</p> <p>Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>The condensers shall be provided with sufficient HTA and residence time so as to achieve maximum solvent recovery.</p> <p>Solvents shall be stored in a separate space specified with all safety measures.</p> <p>Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>Solvent storage and handling area shall be flame proof. The solvent storage tanks thebe provided with breather valve to prevent losses.</p>	<p>Noted</p> <p>We will comply with the requirement</p>

26	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.	Noted We will comply with the requirement
27	Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.	Noted We will comply with the requirement
28	Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx, HCl, Cl2 and VOCs 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.	Noted We will comply with the requirement
	HAZARDOUS/SOLID WASTES:	
29	All the hazardous/ solid waste management shall be taken care as per the point no. 32 and 33 as mentioned above.	Noted We will comply with the requirement
30	Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.	Noted We will ensure the compliance of the condition
31	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & land fillable wastes before sending to CHWIF & TSDP sites respectively.	Noted We will explore the possibilities for environment friendly methods to meet with the requirement
32	The project proponent has to obtain membership of TSDF site & CHWIF before obtaining CTO of GPCB.	Noted We will obtain the required membership before start-up
33	STP sludge shall be collected and used as manure in gardening activity or send to TSDF site for landfilling	Noted We will comply with the requirement
34	Management of fly ash 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.	Noted We will comply with the requirement
35	The unit shall submit the list of authorized end users of hazardous wastes 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.	Noted We will comply with the requirement
	GREENBELT AREA	
36	The PP shall develop green belt (14,565 Sq m (25%) inside plant premises 8,738 Sq m (15 %) at GIDC Jhagadia (Outside plant premises) Total: 23,303 Sq. m.) i.e. 40% of total plot area) as submitted before	Please refer condition A-1 (9) of SEAC/GJ/IND3/458014/7503/2024 dated 12 th July-2024

	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.	
	OTHERS:	
37	The project proponent shall carry out the activities of amount of Rs. 7.95 Crores proposed under CER in surrounding village as per listed for various programs. and it shall be part of the Environment Management Plan (EMP) as per the MoEF&CC's OM no. F. No. 22-65/2017-4A.III dated 30.09.2020. 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>Noted</p> <p>We have already initiated for Mangrove plantations in Jambusar block of Bharuch and Khambhat block of Anand as per requirement.</p>  
38	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. Kadam Environmental Consultants and submitted by the 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>Noted</p> <p>We will comply with the requirement</p>
3	Compliance And Administration/appeal Of EC Orders	
1	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.	<p>Complied</p> <p>We have already published through advertisement two local newspapers "Gujarat Samachar" on 16.07.2024 and "Times of India" on 17.07.2024.</p> 

		
2	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 concerned authorities.	Noted for the compliance
3	Designated key person shall submit six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.	Noted for compliance for the condition
4	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 compliances of environment clearance conditions.	Noted for the compliance
5	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 for the compliance
6	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 prescribe under section 16 of National Green Tribunal Act 2010.	Noted for the compliance
7	All complains and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagi@gmail.com& (b) seacgujarat@gmail.com	Noted for the compliance

Additional EC Conditions

S.N	CONDITIONS/RECOMMENDATION	STATUS
1	Unit shall install CEMS [Continuous Emission Monitoring System] in line to CPCB directions to all SPCB vide letter no. B-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].	Noted We will install required CEMS as per CPCB guidelines after commissioning of the project
2	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.	Please refer condition 2.1 (2) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
3	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.	Please refer condition 2.1 (3) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
4	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 & consistence with the same.	Please refer condition 2.1 (4) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
5	All measures shall be taken to avoid soil and ground water contamination within premises.	Please refer condition 2.1 (5) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
6	<p>Safety & Health:</p> <p>a. PP shall obtain PESO permission for the storage and handling of hazardous chemicals. (If applicable).</p> <p>b. PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.</p> <p>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.</p> <p>d. Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.</p> <p>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 accident.</p>	Please refer condition 2.1 (6) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024

<p>f. PP shall install adequate fire hydrant system with foam trolley attachment within premises and separate storage of water for the same shall be ensured by PP.</p> <p>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.</p> <p>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 labour within premises.</p> <p>i. Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.</p> <p>j. Unit shall never store drum/barrels/carboys of incompatible material/chemical together.</p> <p>k. Unit shall provide effective Isolation for Process area and storage of hazardous chemicals</p> <p>l. The project management shall prepare a detailed Disaster Management Plan (DMP) for the project as per the guidelines from Directorate of Industrial Safety and Health. m. Unit shall obtain all required permissions from the Narcotics Control Bureau for manufacturing, storage and handling of Acetic Anhydride & any such chemicals.</p> <p>n. Provide double earthing to solvent storage tanks: (1) Unit shall provide effective fire hydrants, water monitors & foam application system at solvent storage tank farm area. (2) Unit shall provide adequate safety system such as water sprinklers, water curtains, foam pouring system etc. to restrict cascade fire emergency in solvent tank farm.</p> <p>o. Unit shall never store drum/barrels/carboys of incompatible material/chemical together.</p> <p>p. Unit shall provide chlorine leakage control emergency kit and FRP hood with scrubber system for chlorine safety.</p>	
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	q. Unit shall provide safety valve and rupture disc, as well as auto dump or auto quench/, suppress system for exothermic reaction vessel safety.	
	A. 2 WATER:	
7	Total water requirement for the project shall not exceed 4520 KLD. Unit shall reuse 1264 KLD of treated effluent within premises. Hence, fresh water requirement shall not exceed 3256 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for procurement of water.	Please refer condition 2.1 (7) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
8	The industrial effluent generation from the project shall not exceed 1233 KLD.	Please refer condition 2.1 (8) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
9	Management of Industrial effluent shall be as under: 1233 KLD industrial effluent generated from Manufacturing Process (792 KLD), Boiler Blow Down (9 KLD), Cooling Blow Down (332 KLD), Washing (100 KLD), process shall be treated in ETP followed by UF/RO. RO reject (246 KLD) shall be send to Recycling MEE with ATFD and RO-2 Permeate (985 KLD) shall be reused in Cooling tower. Thus there shall be no discharge of any industrial effluent into an environment like drain, land etc and shall maintained Zero Liquid Discharge (ZLD).	Please refer condition 2.1 (9) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
10	Domestic wastewater generation shall not exceed 43.2 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off into soak pit. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB.	Please refer condition 2.1 (10) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
11	During monsoon season when treated sewage may not be required for the plantation/Gardening/Green belt purpose, it shall be stored within premises. There shall be no discharge of waste water outside the premises in any case.	Please refer condition 2.1 (11) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
12	Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.	Please refer condition 2.1 (12) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
13	Complete Zero Liquid Discharge [ZLD] status shall be maintained all the time and there shall be no drainage connection from the premises.	Please refer condition 2.1 (13) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
14	Unit shall feed wastewater to in-house MEE only after ensuring content of effluent for COD/VOC so as not to get air borne during evaporation in order to achieve no adverse impacts on Environment and Human Health.	Please refer condition 2.1 (14) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024

15	Unit shall provide STP and ETP with adequate capacity.	Please refer condition 2.1 (15) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
16	The unit shall provide metering facility at the inlet and outlet of ETP and maintain records for the same.	Please refer condition 2.1 (16) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
17	Proper logbooks of FTP; reuse/ recycle of treated/ untreated effluent; chemical consumption in effluent treatment, quantity & quality of treated effluent, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.	Please refer condition 2.1 (17) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
	A.3 AIR	
18	Unit shall not exceed fuel consumption for Boiler, Thermic Fluid Heater and D G Set as mentioned below.	Please refer condition 2.1 (18) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
19	PP shall use approved fuels only as fuel in Boiler, Thermic Fluid Heater and D G Set.	Please refer condition 2.1 (19) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
20	Unit shall provide adequate APCM with flue gas generation sources to achieve the norms prescribed by GPCB.	Please refer condition 2.1 (20) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
21	Unit shall provide adequate APCM with process gas generation sources as mentioned below	Please refer condition 2.1 (21) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
22	<p>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.</p> <p>Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.</p> <p>Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.</p> <p>A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.</p>	Please refer condition 2.1 (22) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
23	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work air. area and ambient.	Please refer condition 2.1 (23) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024

24	<p>For control of fugitive emission, VOCs, following steps shall be followed:</p> <p>a. Closed handling and charging system shall be provided for chemicals.</p> <p>b. Reflux condenser shall be provided over Reactors/Vessels.</p> <p>c. Pumps shall be provided with mechanical seals to prevent leakages.</p> <p>d. Air borne dust at all transfers operations/points shall be controlled either by spraying water or providing enclosures.</p>	Please refer condition 2.1 (24) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
25	<p>Solvent management shall be carried out as follows:</p> <p>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 vapour recovery system</p> <p>Reactor shall be connected to adequate chilling system to condensate solvent vapors and reduce solvent losses.</p> <p>Reactor and solvent handling pump shall have mechanical seals to prevent leakages.</p> <p>The condensers shall be provided with sufficient HTA and residence time so as to achieve maximum solvent recovery.</p> <p>Solvents shall be stored in a separate space specified with all safety measures.</p> <p>Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.</p> <p>Solvent storage and handling area shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.</p>	Please refer condition 2.1 (25) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
26	<p>Close loop solvent recovery system with adequate condenser system shall be provided to recover solvent vapours in such a manner that recovery shall be maximum and recovered solvent shall be reused in the process within premises.</p>	Please refer condition 2.1 (26) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
27	<p>Leak Detection and Repair (LDAR) program shall be prepared and implemented as per the CPCB guidelines. LDAR Logbooks shall be maintained.</p>	Please refer condition 2.1 (27) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024

28	Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx, HCl, Cl2 and VOCs 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.	Please refer condition 2.1 (28) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
A.4	SOLID/HAZARDOUS WASTE:	
29	All the hazardous/ solid waste management shall be taken care as mentioned below.	Please refer condition 2.1 (29) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
30	Authorized end-users shall have permissions from the concerned authorities under the Rule 9 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016.	Please refer condition 2.1 (30) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
31	Unit shall explore the possibilities for environment friendly methods like co-processing of hazardous waste for disposal of Incinerable & land fillable wastes before sending to CHWIF & TSDF sites respectively.	Please refer condition 2.1 (31) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
32	The project proponent has to obtain membership of TSDF site & CHWIF before obtaining CTO of GPCB.	Please refer condition 2.1 (32) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
33	STP sludge shall be collected and used as manure in gardening activity or send to TSDF site for landfilling.	Please refer condition 2.1 (33) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
34	Management of fly ash 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.	Please refer condition 2.1 (34) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
35	The unit shall submit the list of authorized end users of hazardous wastes 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.	Please refer condition 2.1 (35) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
	A. 5 OTHER:	
36	The project proponent shall carry out the activities of amount of Rs. 7.95 Crores proposed under CER in surrounding village as per listed for various programs. and it shall be part of the Environment Management Plan (EMP) as per the MoEF&CC's OM no. F. No. 22-65/2017-4A.III dated 30.09.2020. 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.	Please refer condition 2.1 (37) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024

37	All the recommendations, mitigation measures, environmental protection measures and safeguards proposed in the EIA report of the project prepared by M/s. Kadam Environmental Consultants and submitted by the project proponent and commitments made during presentation before SEAC and proposed In the EIA report shall be strictly adhered to in letter and spirit.	Please refer condition 2.1 (38) of SEAC/GJ/IND3/458014/7503/2024 dated 12th July-2024
B	GENERAL CONDITIONS:	
B.1	CONSTRUCTION PHASE:	
38	Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.	Noted for compliance
39	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.	Noted for compliance Currently we have not started construction work. Land leveling work and boundary work is completed
40	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	Noted for compliance
41	First Aid Box shall be made readily available in adequate quantity at all the times.	Noted for compliance
42	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 under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.	Noted for compliance
43	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.	Noted for compliance We will monitor the ambient noise level.
44	Use of Diesel Generator (DO) sets during construction phase shall be strictly equipped with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.	Noted for compliance We will equipped with acoustic enclosure in diesel generator during construction phase
45	Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.	Noted for compliance
46	All topsoil excavated during construction activity shall be used in horticultural/landscape development within the project site.	Noted. We will comply with the requirement during construction work.
47	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 neighboring communities.	Noted for compliance

48	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.	Noted. We will ensure to use of eco-friendly building materials.
49	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 for compliance
50	"Wind-breaker of appropriate height ie. 1/3rd of the building height and maximum up to 10 meters shall be provided. Individual building within the project site shall also be provided with barricades.	Noted for compliance
51	"No uncovered vehicles carrying construction material and waste shall be permitted."	Noted for compliance
52	"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."	Noted for compliance
53	Roads leading to or at construction site must be paved and blacktopped (i.e.-metallic roads).	Noted for compliance
54	No excavation of soil shall be carried out without adequate dust mitigation measures in place.	Noted we will comply with the requirement
55	Dust mitigation measure shall be displayed prominently at the construction site for easy public viewing.	Noted. We will prepare and display the dust mitigation measure during construction work
56	Grinding and cutting of building materials in open area shall be prohibited.	Noted for compliance
57	Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.	Noted We will store the construction material and waste at designated location only.
58	Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).	Noted. We will comply with the requirement.
B.2	OPERATION PHASE:	
	B.2.1 WATER:	
59	The water meter shall be installed and records of daily and monthly water consumption shall be maintained.	Noted. We will install the water meters and maintain the records on regular basis as per requirement
60	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 We will comply with the requirement.
	B.2.2 AIR:	

61	In case of use of spray dryer, the unit shall provide the adequate & efficient APCMs with 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	Not applicable
62	Acoustic enclosure shall be provided to the DG sets (If applicable) to mitigate the noise pollution and shall conform to the EPA Rules for air and noise emission standards.	Noted We will comply with the condition requirement
63	Stack Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.	Noted We will provide the adequate stack height to meet with the requirement
64	Flue gas emission & Process gas emission (If any) shall conform to the standards prescribed by the GPCB/CPCB/MoEF&CC. At no time, emission level should go beyond the stipulated standards.	Noted for compliance during operation phase
65	All the reactors/vessels used in the manufacturing process shall be closed to reduce the fugitive emission.	Noted for compliance during operation phase
	B.2.3 HAZARDOUS/SOLID WASTE:	
66	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.	Noted for compliance during operation phase
67	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.	Noted for compliance during operation phase
68	The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)	Noted We will obtain necessary permission from the nearby TSDF before start-up the operation.
69	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.	Noted for compliance during operation phase
70	The design of the Trucks/tankers shall be such that there is no spillage during transportation.	Noted for compliance during operation phase
71	All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into TSDF/CHWIF	Noted. We will try our best and will do all possible efforts to made the co-processing of waste prior to disposal to TSDF as per requirement

72	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.	Noted for compliance during operation phase
	B.24 SAFETY:	
73	The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963	Noted for compliance during operation phase
74	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.	Noted for compliance before start-up.
75	Main entry and exit shall be separate and clearly marked in the facility.	Noted for compliance. We will provide the main entry and exit as per requirement before project start-up.
76	Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.	Noted for compliance during operation phase
78	Storage of flammable chemicals shall be sufficiently away from the production area.	Noted for compliance during operation phase
79	Sufficient number of fire extinguishers shall be provided near the plant and storage area.	Noted. We will comply the requirement during operation phase
80	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of toxic hazardous chemicals.	Noted for compliance
81	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.	Noted. We will store the chemicals and will obtain the necessary permissions as per requirement.
82	The project management shall ensure to comply with all the environment protection measures, risk mitigation measures and safeguards mentioned in the Risk Assessment report.	Noted. We have already done risk assessment during EIA study. Compliance points will be ensured during operation activity.
83	Only flame proof electrical fittings shall be provided in the plant premises.	Noted. We will consider the same before start-up as per applicable area.
84	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.	Noted. We will provide hazardous chemical storage as per requirement before start-up of project
85	All the storage tanks shall be fitted with appropriate controls to avoid any leakages. Bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.	Noted. We will construct Bund/dyke walls for storage tanks for Hazardous Chemicals as per requirement.

86	Handling and charging of the chemicals shall be done in closed manner by pumping or by vacuum transfer so that minimal human exposure occurs.	Noted. We will comply the requirement during operation phase
87	Tie up shall be done with nearby health care unit/doctor for seeking immediate medical attention in the case of emergency. Personal Protective Equipment (PPEs) shall be provided to workers and its usage shall be ensured and supervised.	Noted. We will comply the requirement during operation phase
88	First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.	Noted. We will comply the requirement during operation phase
89	Training shall be imparted to all the workers on safety and health aspects of chemicals handling.	Noted. We will comply the requirement during operation phase
90	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.	Noted. We will comply the requirement during operation phase
91	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Noted. We will fulfil the requirement as per condition before start-up
92	The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.	Noted. We will comply the requirement during operation phase
93	Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.	Noted. We will obtain all necessary permissions from concerned authority before start-up project work.
	B.2.5 NOISE:	
94	The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	Noted. We will comply the requirement during operation phase
	B.2.6 CLEANER PRODUCTION AND WASTE MINIMISATION:	
95	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. We will comply the requirement during operation phase
96	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.	Noted. We will comply the requirement during operation phase.

	<p>c. Use of automated and close filling to minimize spillages.</p> <p>d. Use of close feed system into batch reactors.</p> <p>e. Venting equipment through vapour recovery system.</p> <p>f. Use of high pressure hoses for cleaning to reduce wastewater generation.</p> <p>g. Recycling of washes to subsequent batches.</p> <p>h. Recycling of steam condensate.</p> <p>i. Sweeping/mopping of floor instead of floor washing to avoid effluent generation.</p> <p>j. Regular preventive maintenance for avoiding leakage, spillage etc.</p>	
	B.2.7 GREEN BELT AND OTHER PLANTATION:	
97	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 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.	Noted We will comply with condition as per requirement.
98	Drip irrigation/low-volume, low-angle sprinkler system shall be used for the green belt development within the premises.	Noted. We will comply the requirement during operation phase
99	The PP shall develop green belt (14,565 Sq m (25%) inside plant premises + 8,738 Sq m (15%) at GIDC Jhagadia (Outside plant premises) = Total: 23,303 Sq. m.) i.e. 40% of total plot area] as 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 We will comply with condition as per requirement.
B.3	OTHER CONDITION	
100	The projects covered under category 5(f) shall undergo the safety and environment audit regularly as per the standards laid down by the GPCB and CPCB	Noted
101	PP shall carry out the safety audit and Risk assessment Report as per the prevailing guidelines of safety.	Noted We will comply with condition as per requirement.

102	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.	Noted
103	EMP should invariably include provisions for environmental monitoring and measures for noise pollution control measures.	Noted
104	In EMP proponent should separately indicate majors of occupational health, fire and safety measures.	Noted
105	Prior EC is granted is subject to the proponent receiving all statutory permission / clearances / certificates and membership of respective agencies / authorities which ever applicable. Proponent shall inform progress from time to time, in six monthly compliance report to MOEFCC / SEIAA / SEAC / GPCB failing to which this provisional EC will stand withdrawn.	Noted
106	Wherever waste water or chemical water to be collected by tankers and transported to CETP etc. any diversion and disposal in open drainage (nallah) etc. causing human and environmental damage or loss will make it liable for action under the law.	Noted We will comply with condition as per requirement.
107	All transport movement by tankers etc has to be done with maintenance of gate pass and logbook it should be verified by the inspecting authorities.	Noted. We will comply the requirement during operation phase
108	Non hazardous waste data shall be informed to GPCB time to time so as to make an assessment and tie up with industry for generating sustainable power from the waste.	Noted. We will comply the requirement during operation phase
109	All chemical pharma industry etc. should ensure predictive and preventive maintenance of factory/ boiler and reactive show as to avoid incident of fire and safety hazards.	Noted. We will comply the requirement during operation phase
110	EMP should include STP and detail cost including maintenance, transportation of wastewater to CETP/ CMEE etc as well as transportation cost or transit cost.	Noted. We will comply the requirement during operation phase
111	In LDAR preventive and predictive maintenance plan	Noted
112	In LDAR leakage component, source of equipment leak, detention method should be given in table form.	Noted
113	In Storage component should be shown separately in terms whether inflammable, toxic, corrosive, reactive etc.	Noted. We will meet the requirement as per condition during operation phase
114	In case of Fly Ash generation its management and disposal should be as per Government of India Notification and 100 % utilization should be ensured.	Noted
115	Project proponent shall install all environment management systems as per the CPCB/ GPCB directives regarding the effluent discharge and air emission in working condition	Noted. We will install all required EMS during operation phase.
116	Project proponent shall display the copy of Environment Clearance at the site prominently	Noted.

117	Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.	Noted
118	Project proponent will have to display the safety procedure in working area.	Noted
119	The Project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.	Noted. We will obtain all required permission from concerned authority before start-up the project
120	Project will intimate SEIAA/SEAC/GPCB after obtaining the membership of common facilities like CETP/TSD/CMEE/CHWIF/Common spray dryer as the case may be.	Noted. We will obtain Membership from concerned facility before start-up the project.
121	Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant	Noted
122	Environment monitoring , training and disaster management plan should be undertaken and complied at regular interval.	Noted
123	Integrated Regional Office of MoEF & CC, Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.	Noted
124	The PP has to maintain the logsheets / registers / manifest / gate pass for discharge through tankers and SCADA system for pipeline discharge for the wastewater generation and its disposal data and submit to the GPCB every quarter. GPCB shall verify the same on regular basis and inform SEIAA and take legal action in the cases of non compliance.	Noted for compliance before project start-up
125	Unit shall comply all the applicable standard conditions prescribed in office 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)	Noted. We will fulfil the requirement during operation phase
126	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.	Noted. We will fulfil the requirement during operation phase
127	Rain water 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 as well as to recharge ground water. Before recharging the surface runoff, pre treatment must be done to remove suspended matter.	Noted. We will fulfil the requirement during operation phase
128	The unit shall join and participate financially and technically for any common environmental facility/ infrastructure as and when the same	Noted

	is taken up either by the industrial associate or GIDC or GPCB or any such authority created for this purpose by the Govt. / GIDC	
129	Application of solar energy shall be incorporated for illumination of common areas, lighting for garden and street lighting in addition the provision for solar water heating system shall also be provided.	Noted. We will fulfil the requirement during operation phase
130	The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.	Noted
131	All the commitments / undertaking given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.	Noted
132	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 of the environmental protection and management	Noted for compliance
133	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 had been achieved.	Noted
134	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB) state Government and any statutory authority.	Noted
135	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.	Noted. We will fulfil the requirement during operation phase
136	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Noted. We will fulfil the requirement during operation phase
137	Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.	Noted
138	No further expansions or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.	Noted
139	The above conditions will be enforced, inter – alia 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 Waste (Management Handling and Transboundary Movement) Rules, 2008 and the public Liability Insurance act 1991, along with their amendments and rules.	Noted
140	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.	Noted
141	The project management shall ensure that unit complies with all the environment protection measures, risk mitigation measures and	Noted

	safeguards recommended in the EMP report and Risk Assessment study report as well as proposed by project proponent.	
142	The project authorities shall earmark adequate funds to implement the condition 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
143	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 the concerned Regional Office of the Ministry.	<p>Complied</p> <p>We have already published through advertisement two local newspapers "Gujarat Samachar" on 16.07.2024 and "Times of India" on 17.07.2024.</p> <div data-bbox="1057 625 1593 1129" data-label="Image"> <p>The image shows two newspaper clippings. The left clipping is from 'Gujarat Samachar' dated 16.07.2024, and the right clipping is from 'Times of India' dated 17.07.2024. Both clippings contain a notice from the State Environment Impact Assessment Authority (SEIAA), Gujarat, regarding the proposed manufacturing plant of synthetic organics and other chemicals at Plot No. 753, GIDC Industrial Estate, Jhagadia, District: Bharuch, Gujarat. The notice states that the project has been accorded environmental clearance by the SEIAA, Gujarat, vide its letter no. EC24B2412GJ5424052N dated 12/07/2024. The notice also mentions that the clearance letter is available at the registered office of the Organization, Gujarat Pollution Control Board & State Level Environment Impact Assessment Authority (SEIAA), Gujarat, and may also be seen at the website of the SEIAA at http://seiaa.gujarat.gov.in/.</p> </div>
144	It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated prior environment clearance terms and conditions in soft copies to the regulatory authority concerned, on 1st June and 1 st December of each calendar year.	Complied. We have obtained Environment clearance on 12.07.2024 from Ministry. Last half-yearly compliance report was submitted on 28.05.2025 vide letter no. SAC-SHE-E-FL-36/MAY'25/01.
145	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
146	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board	Noted
147	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted
148	The company in a time bound manner shall implement these conditions. The SEIAA reserve the right to stipulate additional conditions, if the same is found necessary.	Noted
149	The project authorities shall inform the GPCB, Regional Office of MoEF and SEIAA about the date of financial closure and final approval of the	Noted

	project by the concerned authorities and the date of start of the project.	
150	This environmental clearance is valid for ten years from the date of issue.	Noted
151	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
152	Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.	Noted
	COMPLIANCE OF ENVIRONMENT CLEARANCE / REPORTING / ADMISTRATION/ APPEAL:	
153	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.	<p>Complied</p> <p>We have already published through advertisement two local newspapers "Gujarat Samachar" on 16.07.2024 and "Times of India" on 17.07.2024.</p> <div data-bbox="1057 871 1593 1379" data-label="Image"> </div>
154	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 concerned authorities.	Noted
155	Designated key person shall submit six monthly compliance report SEIAA/SEAC/MOEF &CC ,GPCB and Nodal Department of the Government	<p>Complied. We have obtained Environment clearance on 12.07.2024 from Ministry. Last half-yearly compliance report was submitted on 28.05.2025 vide litter no. SAC-SHE-E-FL-36/MAY'25/01</p>

156	The Nodal Department or any authority or officer authorized by MOEF & CC / SEIAA and inspect the site of the project and all facilities, for verification of compliances of environment clearance conditions.	Noted
157	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
158	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 prescribe under section 16 of National green Tribunal Act 2010.	Noted