



No. SEIAA/GUJ/EC/4(d)/138/2023

Date:

4 FEB 2023

R.P.A.D.

Time Limit

Sub: Corrigendum in Environment Clearance granted to M/s GUJARAT ALKALIES AND CHEMICALS LIMITED for setting of expansion of manufacturing plant of "Chlor-alkali Plant" at Plot No. 3, GACL Dahej Complex, GIDC Dahej, Taluka: Vagra District: Bharuch.

Ref:

1. Environment Clearance vide letter No: SEIAA/GUJ/EC/4(d)/238/2022 Dated 03/02/2022.
2. Your online application vide no. SIA/GJ/IND3/269630/2022 dated 16/06/2022 .

In continuation to the Environment Clearance accorded by the SEIAA vide order no. SEIAA/GUJ/EC/4(d)/238/2022 Dated 03/02/2022; we have received your online application vide no. SIA/GJ/IND3/293257/2022 dated 22/10/2022 seeking corrigendum in **Subject, Second Paragraph and Condition No: 12,18,19,56, 67 & 94.**

And whereas SEIAA has granted Environment Clearance vide office order letter no. : SEIAA/GUJ/EC/4(d)/238/2022 Dated 03/02/2022 under the provisions of the EIA Notification, 2006.

And whereas project proponent has applied for corrigendum in the Environment Clearance. The project was scheduled for hearing in this SEAC meeting held on 18/11/2022.

The SEAC, Gujarat had recommended the project vide their letter dated 18/01/2023 to grant corrigendum in Environment Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 18/11/2022. The proposal was considered by SEIAA, Gujarat in its meeting held on 01/02/2023 at Gandhinagar. After careful consideration, Environment Clearance order dated 03/02/2022 is hereby corrigendum as under.

**Subject, Second Paragraph and Condition No: 12,18,19,56, 67 & 94 shall now be read as under:**

**Additional Condition:**

PP shall carry out regular monitoring of outlet norms as well as pipelines and submit report to GPCB and GCZMA quarterly.

**Subject:**

Environment Clearance to M/s. Gujarat Alkalies and Chemical Limited for expansion in manufacturing plant of 'Chlor-alkali industry' In category 4(d) of schedule annexed with EIA Notification dated 14/09/2006 at Plot No. 3, GACL, Dahej Complex, PO-Dahej, Ta-Vagra, Dist-Bharuch.

**Second Paragraph:**

The proposal is for Environment Clearance to M/s. Gujarat Alkalies and Chemical Limited for expansion in manufacturing plant of 'Chlor-alkali industry' In category 4(d) of schedule annexed with EIA Notification dated 14/09/2006 at Plot No. 3, GACL, Dahej Complex, PO-Dahej, Ta-Vagra, Dist-Bharuch.

**Condition No: 12:**

12. 19.Out of 9439 KLD industrial effluent, 5859.2 KLD industrial effluent shall be sent to RO. 4535 KLD RO permeate shall be recycled and 1324 KLD RO reject shall be sent to lagoon along with 3580 KLD industrial effluent. Therefore, Total 4904 KLD effluent shall be sent to deep sea via GACL pipeline.

**Condition No: 18:**

18. Proper logbooks of ETP; chemical consumption in Effluent treatment; quantity & quality of effluent fed into RO plant, quantity & quality of effluent discharge to deep sea via self-effluent disposal pipeline, quantity & quality of effluent recycle back in process, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time.

**Condition No: 19:**

19. Unit shall not exceed fuel consumption for Boilers, heat recovery steam generators, caustic concentration units, spray dryer of PAC plant and D G Sets as mentioned below:

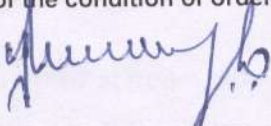
S.NO.	Stack Attached to	Stack Height in meter	APCM	Parameter	
<b>Existing</b>					
1	Boier-2 Nos. (35 TPH each)	65	Adequate Stack Height	PM, SO <sub>2</sub> , NO <sub>x</sub>	
2	Heat Recovery Steam Generator - I	60	Low NO <sub>x</sub> Burner		
3	Heat Recovery Steam Generator – II	60			
4	Caustic Conc. Unit – CCU – I	40	Adequate Stack Height	PM, SO <sub>2</sub> , NO <sub>x</sub> , HCl, Cl <sub>2</sub>	
5	Caustic Conc. Unit – CCU – II	49			
6	Spray Dryer of PAC Plant	23	Multi cyclone, Venturie Scrubber		
7	Spray Dryer of New PAC Plant	25			
8	Caustic Conc. Unit – CCU – III	50	Adequate Stack Height		
9	Caustic Conc. Unit – CCU – IV	50			
<b>Proposed</b>					
1	D.G Set (1×1750 KVA) &(1 no 550 KVA)	11	Adequate Stack Height		PM, SO <sub>2</sub> , NO <sub>x</sub>

**Condition No: 67 should be removed**

**Condition No: 94:**

94. The PP shall develop green belt within premises [2,20,196 Sq. m (22.16%) within premises and 50 Hectares (22%) in Paniyadara Village i.e. 44 % of the total plot area] as committed 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.

Rest of the condition of order no. SEIAA/GUJ/EC/4(d)/238/2022 Dated 03/02/2022 will remain unchanged.



(PRAKASH K. MAJMUDAR)  
Member Secretary

**Issued to:**

M/s GUJARAT ALKALIES AND CHEMICALS LIMITED  
Plot No. 3, GACL Dahej Complex, GIDC Dahej,  
Taluka: Vagra District: Bharuch

Copy to:-

1. The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar - 382010.
2. The Additional Chief Secretary, Forests & Environment Department, Govt. of Gujarat, Block 14, 8<sup>th</sup> floor, Sachivalaya, Gandhinagar-382010.
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
4. The Scientist "C", Integrated Regional Office, Ministry of Environment Forest and Climate Change, "Aranya Bhavan"; Sector 10-A; Gandhinagar
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
6. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010



S. J. PANDIT, IFS (Retd.)  
MEMBER SECRETARY  
SEIAA (GUJARAT)



STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT

Government of Gujarat

No. SEIAA/GUJ/EC/4(d)/ 238 /2022

Date: 03 FEB 2022

By R P A D

Time Limit

Sub: Environment Clearance to M/s. Gujarat Alkalies and Chemical Limited for setting up manufacturing plant of 'Synthetic Organic Chemicals' [API & its Intermediates] at PlotNo.3, GACL, Dahej Complex, PO-Dahej, Ta- Vagra, Dist - Bharuch. In Category 4(d) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/IND2/52962/2016.

Dear Sir,

This has reference to your application along with EIA report dated 27/11/2020 submitted to SEIAA, seeking environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance to /s. Gujarat Alkalies and Chemical Limited for setting up manufacturing plant of 'Synthetic Organic Chemicals' [API & its Intermediates] at PlotNo.3, GACL, Dahej Complex, PO-Dahej, Ta- Vagra, Dist - Bharuch. It is a proposed an existing unit for manufacturing following products, which falls in the category - 4(d) of the schedule of the EIA Notification-2006:

S. NO.	Unit/Products	Existing Quantity (MTPM)	Proposed Quantity (MTPM)	Total Quantity (MTPM)	CAS No.	End Use
<b>A Chlor-Alkali Plant</b>						
1	Caustic Soda (100%) Lye/ Prills / Flakes	3255 0	12450	4500 0	1310- 73-2	Cellulose Fiber, Pulp & Paper, Textiles, Soaps and Detergents, Bleach Manufacturing etc.
2	Chlorine Gas	2872 6	11031	3975 7	7782- 50-5	Textiles, manufacture of soaps and detergents, alumina, paper and pulp, control of pH (softening) of water, general cleansing and bleaching
3	Hydrochloric acid	1005 0	0	1005 0	7647- 01-0	Chemicals, Fertilizers, Water Treatment and Phosphoric Acid
4	Hydrogen Gas	840	311	1151	1333- 74-0	Mainly used to produce Ammonia, Hydrogen Peroxide, Methanol, Removal of Sulphur from field from oil refining process
5	Sodium Hypochlorite	1406	0	1406	7681- 52-9	Used for Water purification, Water disinfection, surface purification, bleaching and odor removal
6	Dilute Sulphuric acid (78-80%)	814	0	814	7664- 93-9	Manufacturing Synthetic detergents, dyes and pigments
7	Gypsum	1077	0	1077	1339 7-24- 5	Plaster of praise, Cement, blending for agriculture
<b>B Hydrogen Peroxide Plant</b>						
	Hydrogen Peroxide	3693	0	3693	7724- 84-1	As a Bleaching agent, Pharmaceuticals, Organic and Inorganic chemicals, Dyestuffs and Pesticides, Effluent treatment plants, etc.
<b>C Phosphoric Acid Plant</b>						
	Phosphoric Acid (100 % P2O5 basis)	4508	0	4508	8017- 16-1	Pre-metal treatment chemicals, Sugar refining, Wastewater treatment chemicals, Soaps and detergents, Tea-leaf processing etc.
2	Phosphoric Acid (86 % H3PO4 basis)	7290	0	7290	7664- 38-2	

3	High Boiling Material	15.67	0	15.67	-	Recycled through approved recycler	
<b>D Chloromethane Plant</b>							
1	Methyl Chloride (C1)	750	0	750	74-87-03	Paint & Grease removing agent, Firefighting agent, Extractant for Edible fats, Cocoa, Butter and Essences, Manufacturing of Polycarbonates, Phenolics, Rayon yarn, Chemical reaction media, Chloroform, Solvent in Dye and Perfume manufacturing, Pharmaceutical preparations etc.	
2	Methylene Chloride (C2)	12660	0	12660	75-09-2		
3	Chloroform (C3)	3900	0	3900	67-66-03		
4	Carbon Tetra Chloride (C4)	690	0	690	56-23-05		
<b>E Hydrazine Hydrate Plant</b>							
1	Hydrazine Hydrate (80% w/w)	910	0	910	7803-57-8	water treatment, pharmaceutical, agrochemicals etc.	
<b>F Chlorotoluene Plant</b>							
1	Benzyl chloride	1100	0	1100	100-44-7	As general solvent for inks, paints, lacquers and epoxy resin, medication solution as preservative and photography industries, Vat Dyes and Pharmaceutical	
2	Benzaldehyde	600	0	600	100-52-7		
3	Benzyl Alcohol	800	0	800	100-51-6		
4	Benzoyl chloride	80	0	80	98-884	As general solvent for inks, paints, lacquers and epoxy resin, medication solution as preservative and photography industries, Vat Dyes and Pharmaceutical	
5	Cinemic aldehyde	80	0	80	41437-10-9		
6	Benzyl acetate	200	0	200	140-11-4		
<b>Intermediate product</b>							
1	Benzal chloride	1050	0	1050	88-87-3	As general solvent for inks, paints, lacquers and epoxy resin, medication solution as preservative and photography industries, Vat Dyes and Pharmaceutical	
<b>By-Product</b>							
1	Sodium benzoate	48	0	48	532-32-1		
2	Di benzyl ether	80	0	80	103-50-4		
3	Hydrochloric acid	2090	0	2090	7647-01-0		
<b>G Mono Chloro Acetic Acid (MCA) Plant</b>							
1	Mono Chloro Acetic Acid	3000	0	3000	79-11-8	Drug, Dyes, Pesticides, Pharma, Reagent	
<b>H Poly Aluminum Chloride Plant</b>							
1	Poly Aluminum Chloride (18%)	3750	0	3750	1327-41-9	Treatment and purification of water	
2	Poly Aluminum Chloride (30%)	1080	0	1080	1327-41-9		
<b>I Anhydrous Aluminum Chloride Plant</b>							
1	A.A.C (Granules/Powder)	1890	0	1890	7446-70-0	Catalyst in Friedel Crafts reactions, Polymerization and Isomerization reactions of hydrocarbons	
2	Sodium hypochlorite (10-13% Cl <sub>2</sub> basis)	755	0	755	7681-52-9	Bleaching agent and disinfectant for both household and industrial purposes.	
3	Non-Ferrous Alum	6	0	6	---		

J	Stable Bleaching Powder	1250	0	1250	7778-54-3	Bleaching agent and disinfectant for both household and industrial purposes.
K	Sodium Chlorate Plant*	1800	990	2790	09-02-775	Mining, water treatment, chemicals, rocket fuel, Pulp & paper
L	Captive Cogeneration Power Plant	90 MW	0	90 MW	--	For captive use
*As per Market demand solid or liquid will be sold						

The project activity is covered in 4(d) and is of 'B' Category. Since, the proposed project is located in notified industrial area, public consultation is not required as per paragraph 7(i) (iii) (i) (b) of the Environment Impact Assessment Notification-2006.

The SEAC, Gujarat vide their letter dated 21/12/2021 had recommended to the SEIAA, Gujarat, to grant the Environment Clearance for the above-mentioned project based on its meeting held on 02/11/2021. The proposal was considered by SEIAA, Gujarat in its meeting held on 10/01/2022 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

**A.CONDITIONS :**

**A.1SPECIFIC CONDITION :**

1. Project proponent (PP) 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].
2. The project proponent shall strictly abide by the outcome/decision of NGT case, M.A.no- 553/2018 in Appeal no- 02 of 2018(WZ).
3. All measures shall be taken to prevent soil and ground water contamination.
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.
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.
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 & consistence with the same.
7. The project proponent must strictly adhere to the stipulations made by the Gujarat Pollution Control Board, State Government and/or any other statutory authority.
8. Unit shall comply all conditions mentioned in CRZ clearance.
9. **Safety & Health:**
  - a. PP shall obtain PESO permission for the storage and handling of hazardous chemicals.
  - b. PP shall provide Occupational Health Centre (OHC) as per the provisions under the Gujarat Factories Rule 68-U.
  - 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.
  - d. Unit shall adopt functional operations/process automation system including emergency response to eliminate risk associated with the hazardous processes.
  - 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.
  - 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.
  - 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.
  - 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.
  - i. Flame proof electrical fittings shall be provided in the plant premises, wherever applicable.
  - j. Unit shall never store drum/barrels/carboys of incompatible material/chemical together.
  - k. Unit shall provide effective Isolation for Process area and storage of hazardous chemicals.
  - l. Unit shall provide chlorine leakage control emergency kit and FRP hood with scrubber system for chlorine safety.



m. Unit shall provide safety measures for storage and its handling as per guidelines of competent authority for Hydrogen gas.

**A. 2 WATER:**

10. Total water requirement for the project shall not exceed 24, 828.10 KLD. Unit shall reuse 4535 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 20,293.10 KLD and it shall be met through GIDC water supply only. Prior permission from concerned authority shall be obtained for withdrawal of water.
11. The industrial effluent generation from the project shall not exceed 9439 KLD.
12. Industrial effluent shall be segregated into two streams (1) High COD and TDS effluent (2) Low COD and TDS effluent and it shall be managed as below.
  - **High COD and TDS effluent (3579.96 KLD)**
    - 2772 KLD, High COD and TDS effluent from sodium chlorate and PA, SBP & PAC plants shall be treated in ETP consists of primary treatment units followed by UF & RO. 2772 KLD, treated effluent, 127 KLD, power plant and 680.96 KLD shall be sent to lagoon for deep sea disposal via GACL underground pipeline.
  - **Low COD and TDS effluent (5859.20 KLD):**
    - 5859.20 KLD, Low COD effluent from synthetic organic, caustic soda, utilities, washing and other activities shall be treated in ETP consists of primary treatment units followed by UF & RO. 4535 KLD, RO permeate shall be reused back within premises and 1324 KLD, RO reject shall be sent to lagoon for deep sea disposal via GACL underground pipeline.
13. Treated waste water shall be discharged into GACL pipeline only after complying with the norms prescribed by GPCB to ensure no adverse impact on Human Health and Environment.
14. Domestic wastewater generation shall not exceed 250.50 KL/day for proposed project and it shall be treated in STP. It shall not be disposed off through soak pit/ septic tank. Treated sewage shall be utilized for gardening and plantation purpose within premises after achieving on-land discharge norms prescribed by the GPCB.
15. 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.
16. Unit shall provide buffer water storage tank of adequate capacity for storage of treated waste water during rainy days.
17. The unit shall provide metering facility at the inlet and outlets of ETP, RO and maintain records for the same.
18. Proper logbooks of ETP; chemical consumption in Effluent treatment; quantity & quality of effluent fed into RO plant, quantity & quality of effluent discharge to GIDC drainage, quantity & quality of effluent recycle back in process, power consumption etc. shall be maintained and shall be furnished to the GPCB from time to time

**A.3AIR:**

19. Unit shall not exceed fuel consumption for Boiler, thermo pack as mentioned below:

S. No.	Stack Attached to	Stack Height (m)	APCM	Parameter
1	D.G Set (1x1750 KVA) & (1 no 550 KVA), PROPOSED	11	Adequate Stack Height	PM, SO <sub>2</sub> , NOx

**EXISTING FLUE GAS STACK**

S.NO.	Stack Attached to	Stack Height in meter	APCM	Parameter
1	Boier-2 Nos. (35 TPH each)	65	Adequate Stack Height	PM, SO <sub>2</sub> , NOx
2	Heat Recovery Steam Generator - I	60	Low NOx Burner	
3	Heat Recovery Steam Generator - II	60		
4	Caustic Conc. Unit - CCU - I	40	Adequate Stack Height	PM, SO <sub>2</sub> , NOx, HCl, Cl <sub>2</sub>
5	Caustic Conc. Unit - CCU - II	49		
6	Spray Dryer of PAC Plant	23	Multi cyclone, Venturie Scrubber	
7	Spray Dryer of New PAC Plant	25		
8	Caustic Conc. Unit - CCU - III	50	Adequate Stack Height	
9	Caustic Conc. Unit - CCU - IV	50		

20. Unit shall provide adequate APCM with flue gas generation sources as mentioned above:

21. Unit shall provide adequate APCM with process gas generation sources as mentioned below:

**Proposed**

S.NO	Stack Attached to	APCM	Expected Emission	Stack Height (m)	Stack Top Dia. (m)
<b>Caustic Soda</b>					
1	Vent attached to HCl Synthesis Unit	Single stage DM water scrubbing system	HCl, Cl <sub>2</sub>	30	0.15

2	Vent attached to Waste air De-Chlorination Unit in Caustic Soda	3 stage caustic scrubbing system	Cl <sub>2</sub>	30	0.5
Sodium Chlorate					
1	Vent from Cell gas scrubber	Scrub with Caustic in Packed column	Cl <sub>2</sub>	22	0.36
2	Vent from vent scrubber	Scrub with Caustic in Packed column	Cl <sub>2</sub>	17	0.2
3	Vent from cell gas shutdown scrubber	Scrub with Caustic soda in Packed column	Cl <sub>2</sub>	17	0.1

**Existing**

S.NO.	Stack Attached to	Stack Height in meter	APCM	Emission
1	Dissolution Section 1 Scrubber of PA Plant	14	Water & Caustic Scrubbing System	HCl, HF, Cl <sub>2</sub>
2	Liquid – Liquid contact Section-2 Scrubber PA Plant	14	Chiller and Water Scrubbing System	HCl, Cl <sub>2</sub>
3	HCl Synthesis Unit A Scrubber of Caustic Soda Plant	30	Water Scrubbing System	HCl, Cl <sub>2</sub>
4	HCl Synthesis Unit B Scrubber of Caustic Soda Plant	30	Water Scrubbing System	HCl, Cl <sub>2</sub>
5	HCl Synthesis Unit C Scrubber of Caustic Soda Plant	30	Water Scrubbing System	HCl, Cl <sub>2</sub>
6	HCl Synthesis Unit D Scrubber of Caustic Soda Plant	30	Water Scrubbing System	HCl, Cl <sub>2</sub>
7	Waste Air Dechlorination Unit-1 Scrubber of Caustic Soda Plant	30	Three Stage Water Scrubbing System	HCl, Cl <sub>2</sub>
8	Waste Air Dechlorination Unit-2 Scrubber of Caustic Soda Plant	30	Three Stage Water Scrubbing System	HCl, Cl <sub>2</sub>
9	PAC reactor gas Scrubber – I	15.5	Caustic Scrubbing System	HCl, Cl <sub>2</sub>
10	PAC reactor gas Scrubber – II	15.5	Caustic Scrubbing System	HCl, Cl <sub>2</sub>
11	Solvent Recovery H <sub>2</sub> O <sub>2</sub> (Part-I)	32	Chiller, Demister, Activated Carbon Adsorber	HC
12	Scrubber for reactor gases of AAC Plant	20	Water & Caustic Scrubbing System	HCl, Cl <sub>2</sub>
13	Scrubber for reactor gases of AAC Plant	20	Water Scrubbing System	HCl, Cl <sub>2</sub>
14	HCl Synthesis unit E Scrubber of Caustic Soda Plant	30	Water Scrubbing System	HCl, Cl <sub>2</sub>
15	Solvent Recovery H <sub>2</sub> O <sub>2</sub> (Part-II)	32	Chiller, Demister, Activated Carbon Adsorber	HC
16	Scrubber A for reactor gases of SBP Plant	17	Caustic Scrubbing System	Cl <sub>2</sub>
17	Scrubber B for reactor gases of SBP Plant	17	Caustic Scrubbing System	Cl <sub>2</sub>
18	Scrubber C for reactor gases of SBP Plant	17	Caustic Scrubbing System	Cl <sub>2</sub>
19	Depleted air from solvent recovery unit in H <sub>2</sub> O <sub>2</sub> Plant	32	Activated Carbon Adsorption	HC
20	HCl Synthesis Unit in Caustic Soda Plant	30	Single Stage DM Water Scrubbing System	HCl, Cl <sub>2</sub>
21	Waste air De-Chlorination Unit in Caustic Soda Plant	30	3 Stage Caustic Scrubbing System	HCl, Cl <sub>2</sub>
23	Vent Scrubber in Phosphoric Acid Plant	14	Water Scrubbing followed by Caustic Scrubbing	HCl, HF, Cl <sub>2</sub>
24	Condenser in Phosphoric Acid Plant	14	Chilled Water Circulation	HCl, Cl <sub>2</sub>



25	Scrubbing unit of Chlorotoluene plant	33	Caustic Soda Scrubber	HCl Cl <sub>2</sub>
26	Reactor of MCA - Sec I	30	Caustic Soda Scrubber	Cl <sub>2</sub>
27	Reactor of MCA - Sec II	30	Caustic Soda Scrubber	Cl <sub>2</sub>

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 (e.g. Directors of Industrial Safety & Health). Following indicative guidelines shall also be followed to reduce the fugitive emission.

- Internal roads shall be either concreted or asphalted or paved properly to reduce the fugitive emission during vehicular movement.
- Air borne dust shall be controlled with water sprinklers at suitable locations in the plant.
- A green belt shall be developed all around the plant boundary and also along the roads to mitigate fugitive & transport dust emission.

23. Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out in the work zone area and ambient air.

24. For control of fugitive emission, VOCs, following steps shall be followed :

- 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.

25. Solvent management shall be carried out as follows :

- ✓ 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
- ✓ Reactor shall be connected to adequate chilling system to condensate solvent vapors and reduce solvent losses.
- ✓ Reactor and solvent handling pump shall have mechanical seals to prevent leakages.
- ✓ 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 flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.

26. Regular monitoring of ground level concentration of PM10, PM2.5, SO2, NOx, Cl2, HCl, HF 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.

#### **A.4 SOLID / HAZARDOUS WASTE:**

27. All the hazardous waste management shall be taken care as mentioned below:

S.NO.	Waste Name	Category	Existing Quantity MTPA	Proposed Quantity MTPA	Total Quantity MTPA	Source of Generation	Mode of Disposal
1	High M.P Liquid Impurities	26.1	1,500	0	1,500	Chlorotoluene Plant	Collection storage, reception within factory premises and transportation to incineration own/common incinerator of M/s BEIL
2	Process Residue	26.1	1,000	0	1,000	From Section 300 (Ketazine Synthesis)	Collection storage, reception within factory premises and transportation to common incinerator of M/s BEIL
3	Mix Filter cake (Chemical Sludge)	35.3	79,550	0	79,550	Phosphoric Acid Plant	Collection storage, transportation, Co-processing at cement industries or final disposal at own TSDF



4	Spent Carbon	36.2	90	0	90		Collection storage, reception within factory premises and transportation and final disposal at own TSDF
5	Contaminated spent Alumina	36.1	450	0	450	Hydrogen peroxide	Collection, storage, transportation stabilization and disposal at BEIL
6	Spent Catalyst	36.1	1.8	0	1.8		Collection, storage, transportation and send back to supplier or disposed off at own TSDF/BEIL
7	Activated Carbon	36.2	7.5	0	7.5	Hydrogen peroxide	Packed in 50 kg PE bags and disposed to TSDF
8	Discarded Drums/ barrels	33.1	58 or 3,200 (Nos)	1 or 50 (Nos)	59 or 3250 (Nos)	Loading and Unloading	Collection, storage, transportation and sale to authorized and approved vendor
i	Discarded bags/liner/packing material	33.1	90	0	90	Process	Collection, storage, transportation and sale to authorized vendors after decontamination
ii	Discarded PPEs gaskets etc.	33.1	30	0	30	Process	Collection, storage transportation and sale to authorized vendors after decontamination
9	High boilers include process residue	26.1	330	0	330	Chloromethane Plant	Collection storage, reception within factory premises and transportation to common incinerator
10	Residue iron contaminated solvent – high boiling material	37.3	360.00	0	360.00	Chloromethane Plant	Collection, storage transportation, Co-processing at cement industries, or co-processing at SEPPL/RSPL or incineration at common facility at BEIL
11	Used Oil	5.1	50	3.5	53.5	Process & Utilities	Collection, storage transportation and sale to registered re-refiner.
12	Lead Batteries	17 (Schedule IV)	8	0	8	Process & Utilities	Collection, storage transportation and sale to registered Re-processors.
13	Sludge from Naphtha/HSD	3.1	1	0	1	Process	Collection, storage transportation, incineration at own/common incinerator of M/s BEIL.
14	Residue/filter cake of acid	17.1	10	0	10	Phosphoric Acid	Collection, storage transportation, and final disposal at own TSDF
15	Waste residue from industry use of paint.	21.1	0.5	0	0.5	Complex	Collection, storage transportation, and final disposal at own TSDF
16	Copper Tubing, Caps & Cables etc. as copper scrap	A-66	11	0	11	Complex	Collection, storage transportation and sale to Authorized recycler.



17	Lead washer etc. as lead scrap	A-5	5	0	5	Complex	Collection, storage transportation and Sale to register recycler.
18	Nickel Scrap	A-68	5	0	5	Complex	Collection, storage transportation and Sale to Authorized recycler
19	Waste Asbestos material	B-01	0.5	0	0.5	Complex	Collection, storage Encapsulation and final disposal at own TSDF
20	Waste Nitrate salt (inorganic salt)	A-12	50	0	50	Complex	Collection, storage transportation, and final disposal at own TSDF
21	ETP Waste from PAC Plant	35.3	127.65	0	127.65	ETP	Collection, neutralization, storage, transportation and final disposal at own TSDF.
22	Contaminated aqueous solvent not fit for use.	20.1	96	0	96	Process	Collection, storage transportation, Co-processing at cement or Co-processing at SEPPL/RSPL or Incineration at own incinerator/Common facility at BEIL
23	Natural Gas condensate	5.2	24	0	24	Power Plant	Collection, storage, transportation, and sale to register re-refiner or use as fuel incineration/boiler

28. 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.
29. 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.
30. 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.

**A. 50THER:**

31. The project proponent shall carry out the activities proposed under CER shall be part of the Environment Management Plan (EMP) as per the MoEF& CC's OM no. F. No. 22-65/2017-IA.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.
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.

**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.
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.
35. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
36. First Aid Box shall be made readily available in adequate quantity at all the times.
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 under and their subsequent amendments. Local bye-laws of concern authority shall be complied in letter and spirit.
38. 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.

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.
40. Safe disposal of waste water and municipal solid wastes generated during the construction phase shall be ensured.
41. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.
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.
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.
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.
45. "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.
46. "No uncovered vehicles carrying construction material and waste shall be permitted."
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."
48. Roads leading to or at construction site must be paved and blacktopped (i.e. – metallic roads).
49. No excavation of soil shall be 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.
51. Grinding and cutting of building materials in open area shall be prohibited.
52. Construction material and waste should be stored only within earmarked area and road side storage of construction material and waste shall be prohibited.
53. Construction and demolition waste processing and disposal site shall be identified and required dust mitigation measures be notified at the site. (If applicable).

## **B.2 OPERATION PHASE:**

### **B.2.1 WATER:**

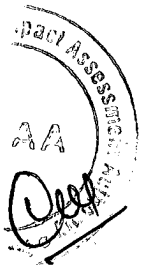
54. The water meter shall be installed and records of daily and monthly water consumption shall be maintained.
55. All efforts shall be made to optimize water consumption by exploring Best Available Technology (BAT). The unit shall continuously strive to reduce, recycle and reuse the treated effluent.

### **B.2.2 AIR:**

56. 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.
57. 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.
58. Stack/Vents (Whichever is applicable) of adequate height shall be provided as per the prevailing norms for flue gas emission/Process gas emission.
59. 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.
60. All the reactors / vessels used in the manufacturing process shall be closed to reduce the fugitive emission.

### **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.
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.
63. The unit shall obtain necessary permission from the nearby TSDF site and CHWIF. (Whichever is applicable)
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.
65. The design of the Trucks/tankers shall be such that there is no spillage during transportation
66. All possible efforts shall be made for Co-Processing of the Hazardous waste prior to disposal into 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.



**B.2.4 SAFETY:**

68. The occupier/manager shall strictly comply the provisions under the Factories Act 1948 and the Gujarat Factories Rules 1963
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.
70. Main entry and exit shall be separate and clearly marked in the facility.
71. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
72. Storage of flammable chemicals shall be sufficiently away from the production area.
73. Sufficient number of fire extinguishers shall be 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.
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.
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.
77. Only flame proof electrical fittings shall be provided in the plant premises.
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.
79. 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.
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.
81. Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency.
82. Personal Protective Equipments (PPEs) shall be provided to workers and its usage shall be ensured and supervised.
83. First Aid Box and required Antidotes for the chemicals used in the unit shall be made readily available in adequate quantity.
84. Training shall be imparted to all the workers on safety and health aspects of chemicals handling.
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.
86. Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.
87. The company shall implement all preventive and mitigation measures suggested in the Risk Assessment Report.
88. Necessary permissions from various statutory authorities like PESO, Factory Inspectorate and others shall be obtained prior to commissioning of the project.

**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 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.

**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.
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.

### **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 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.
94. The PP shall develop green belt within premises (2,20,196 Sq. m (22.16%) within premises and 2,20,000 Sq m (22%) in Suva Village i.e. 44 % of the total plot area) as committed 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.

### **B.3 OTHER CONDITION:**

95. Project proponent shall abide by the Hon'ble NGT directives in the matter M.A.No. 553/2018 in Appeal No. 02 of 2018(WZ) if given. In case final judgment has not been given, PP shall inform SEIAA the progress of the case time to time.
96. Project Proponent shall support the WOLF conservation programme by providing material for construction of soft release centre of WOLF, Banaskantha in consultation with Additional Secretary, Forests and Environment Department (wildlife) Government of Gujarat as per the clarification given in para 3 of OM of MoEF&CC, GOI dated 25.02.2021. The expenditure of supporting above activities will be within the total outlay of CER including the other activities committed by PP.
97. Project proponent shall install all environment management systems as per the CPCB/GPCB directives regarding the effluent discharge and air emission in working condition.
98. Project proponent shall display the copy of Environment Clearance at the site prominently.
99. Project proponent shall prepare and follow regular and preventive maintenance plan. The copy of same shall be submitted to SEIAA.
100. Project Proponent will have to display the safety procedure in working area.
101. The project proponent shall obtain all required permissions for safety, health and fire from competent authorities like PESO/Fire Authority etc. and intimate SEIAA.
102. 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.
103. Extra care will be taken by PP to avoid any accidental blast in boiler, reactor or any machinery in the plant.
104. Environment monitoring, training and disaster management plan should be undertaken and complied at regular interval.
105. Integrated Regional Office of MoEF&CC, Gandhinagar and GPCB will monitor all environment, safety & health norms as per the prevailing rules.
106. 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).
107. The project proponent shall allocate the separate fund for Corporate Environment Responsibility (CER) in accordance to the MoEF&CC'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 MoEF&CC 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.
108. 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 water as well as to recharge ground water. Before recharging the surface run off, pre-treatment must be done to remove suspended matter.
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.
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.
111. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.
112. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.
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.
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.
115. The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any statutory authority.
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.


117. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
118. Leakages from pipes, pumps shall be minimal and if occurs, shall be arrested promptly.
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.
120. 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 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.
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.
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.
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 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.
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.
127. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
128. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
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.
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.
131. This environmental clearance is valid for seven years from the date of issue.
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.
133. 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.

#### **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.
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 concerned authorities.
136. Designated key person shall submit six monthly compliance report to SEIAA/SEAC, MOEF&CC, GPCB and Nodal Department of the Government.
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 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.

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 prescribe under section 16 of National Green Tribunal Act 2010.
140. All complains and public grievance or representations may be addressed to SEIAA/SEAC in the email addresses (a) msseiaagj@gmail.com & (b) seacgujarat@gmail.com

With regards,  
Yours sincerely,

  
(S. J. PANDIT)  
Member Secretary

**Issued to:**  
Gujarat Alkalies and Chemical Limited  
Plot No. 3, GACL, Dahej Complex, PO-Dahej,  
Ta- Vagra, Dist - Bharuch

Copy to:-

1. The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar - 382010.
2. The Additional Chief Secretary, Forests & Environment Department, Govt. of Gujarat, Block 14, 8<sup>th</sup> floor, Sachivalaya, Gandhinagar-382010.
3. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
4. Scientist C, Integrated Regional Office, Ministry of Environment and Forests, Aranya Bhavan, Sector-10, Gandhinagar - 382010.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
6. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
7. Select File

  
(S. J. PANDIT)  
Member Secretary

