



No. SEIAA/GUJ/EC/5(f)/ 1046 /2024

Date: 31 JUL 2024

By R P A D

Amendment to Environment Clearance Order No:-SEIAA/GUJ/EC/4(d), 5(f) & 1(d)/649/2020 on dated 09/06/2020.

(Under the provision of Environmental Impact Assessment (EIA) Notification, 2006)

In exercise of the power conferred under the provision of Environmental Impact Assessment (EIA) Notification, 2006 under sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986, the Environment Clearance granted to **M/s. GACL-NALCO Alkalies and Chemicals Pvt. Ltd. For setting up of manufacturing plant for 'Synthetic Organic Chemicals' at Plot No. DII/9/1 & DII/9/2, GACL Dahej, Tal: Vagra, Dist: Bharuch, Gujarat** vide this office letter no. **SEIAA/GUJ/EC/4(d), 5(f) & 1(d)/649/2020** on dated **09/06/2020**, is being subjected to amendment in **Condition No. A1(21), A2(23), A2(30), A2(31), A2(39), A3(44), A3(53), A5(100)**.

And whereas SEIAA has granted Environment Clearance vide office order letter no. **SEIAA/GUJ/EC/4(d), 5(f) & 1(d)/649/2020** on dated **09/06/2020**, under the provisions of the aforesaid Notification.

And whereas project proponent has applied for amendment in the environmental clearance vide their online application vide No. **SIA/GJ/IND3/300254/2023** dated **02/08/2023**. The project was scheduled for hearing in the SEAC meeting held on **27/05/2024**.

The SEAC, Gujarat had recommended the project vide their letter dated **11/03/2024** & **18/06/2024** to grant amendment in Environment Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on **12/10/2023** & **27/05/2024**. The proposal was considered by SEIAA, Gujarat in its meeting held on **01/04/2024** & **22/07/2024** at Gandhinagar. After careful consideration, amendment in **Condition No. A1(21), A2(23), A2(30), A2(31), A2(39), A3(44), A3(53), A5(100)** of Environment Clearance order dated: **09/06/2020** is issued as below.

Condition No. A1(21), A2(23), A2(30), A2(31), A2(39), A3(44), A3(53), A5(100) shall now be read as under:

Additional Condition:

1. PP shall carry out transportation of hazardous chemicals strictly as per the provisions of MSIHC rules & its amendment & also along with provisions of Motor vehicle act & rules.
2. PP shall obtain all necessary permission for laying of pipeline from competent authority before installation.
3. PP shall strictly comply with all provisions of MSIHC Rules and its amendment considering chemical conveyance
4. PP shall comply & bound to follow all direction of Hon'ble high court / NGT filled earlier, strictly.
5. Transportation of hazardous chemicals shall be done as per provisions of the Motor Vehicle Acts & Rules for road transport and transportation of hazardous chemicals shall be done as per provision of MSIHC Rules & GIDC stipulations for product transfer.
6. The industrial effluent 3488 KLD (540 KLD from caustic plant, 410 KLD from boiler, 608 KLD from DM regeneration and raw water treatment plan, 1880 KLD from cooling tower blow down and 50 KLD from washing) shall be treated in adequate ETP-2 followed by UF-2 and RO system-2. RO permeate (2617 KLD) shall be reused for industrial purpose within premises. RO reject (871 KLD) shall be used for dust suppression and for sprinkling in coal handling units with premises.

Condition No. 21 (A.1 Specific Condition):

21. The project proponent shall allocate the separate fund of Rs. 1000 lakhs i.e. 0.5% of the capital investment in accordance to the MOEFCC's Office Memorandum No. F. No. 22-65/2017-IA.III dated 01/05/2018. The entire activities proposed under CER shall be monitored and the monitoring report shall be submitted to 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.



Condition No. 23 (A.2 Water):

23. Total water requirement for the project shall not exceed 16543 KLD. Unit shall reuse 2768 KLD of treated industrial effluent within premises. Hence, fresh water requirement shall not exceed 13755 KLD and it shall be met through GIDC water supply only. Prior permission from the concerned authority shall be obtained for withdrawal of water.

Condition No. 30 (A.2 Water):**30. Stream II:**

The industrial effluent 3488 KLD (540 KLD from caustic plant, 410 KLD from boiler, 608 KLD from DM regeneration and raw water treatment plan, 1880 KLD from cooling tower blow down and 50 KLD from washing) shall be treated in adequate ETP-2 followed by UF-2 and RO system-2. RO permeate (2617 KLD) shall be reused for industrial purpose within premises. RO reject (871 KLD) shall be used for dust suppression and for sprinkling in coal handling units with premises.

Condition No. 31 (A.2 Water):

31. Total industrial wastewater generation shall not exceed 3488 KL/day.

Condition No. 39 (A.2 Water):

39. During monsoon season when treated sewage effluent may not be required for the plantation/gardening/greenbelt purpose, it shall be stored within the premises and the treated sewage will be reused for toilet flushing. There shall be no discharge of wastewater outside the premises in any case.

Condition No. 44 (A.3 Air):

44. Unit shall not exceed fuel consumption as mentioned in the table.

S. No.	Stack attached to	Stack Height (m)	Nos. of stacks	Type of Fuel Used	Quantity of fuel consumption	Air Pollution Control Measure
1	Boilers – 280 TPH (2 Nos.)	35	2	Imported Coal	1784.4 TPD	ESP
2	DG Set (1*1000 kVA)	15	1	HSD	750 LPH	Adequate Stack Height
3	DG Set (2*2250 kVA each)	30	2			
4	HCL synthesis waste heat recovery boilers (4 TPH x 2 nos.) (1 Working + 1 Standby) (Proposed)	15	2	LDO	Hydrogen - 108000 Nm ³ /Day Chlorine – 270 TPD	Adequate Stack Height

Condition No. 53 (A.3 Air):


53. Unit shall provide APCM for various plants as per the table:

S. No.	Source of Emission	Type of Emission	Stack Height in m	Air Pollution Control Measure
1	Waste Air De-chlorination Unit	Cl ₂	30	3 stage caustic scrubbing system
2	HCL Synthesis Unit	HCl, Cl ₂	30	Single stage DM Water Scrubbing System
3	HCL Synthesis Unit (Stand by) (Proposed)	HCl, Cl ₂	30	Single stage DM Water Scrubbing System

Condition No. 100 (A.5 Safety):

100. Transportation of hazardous chemicals shall be done as per provisions of the Motor Vehicle Acts & Rules for road transport and transportation of hazardous chemicals shall be done as per provision of MSIHC Rules & GIDC stipulations for product transfer via. pipeline.

Rest of all the conditions of the Environment Clearance orders no SEIAA/GUJ/EC/4(d), 5(f) & 1(d)/649/2020 on dated 09/06/2020 shall remain unchanged.


(ASAV P. GADHVI)
Member Secretary

Issued to:

M/s. GACL-NALCO Alkalies and Chemicals Pvt. Ltd.

Plot No. DII/9/1 & DII/9/2, GACL Dahej, Tal: Vagra, Dist: Bharuch, Gujarat

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, 8th 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 Additional Principal Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Avera Colony, Link Road-3, Bhopal-462016, MP
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.

