



No. SEIAA/GUJ/EC/5(f)&1(d)/1717/2015

Date: 20-05-2015 BY R.P.A.D

Amendment to Environment Clearance Order No:-

(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 Gujarat Fluorochemicals Ltd. at Plot no : 12/A GIDC Estate Dahej Ta : Vagra Dist : Bharuch with a condition to use Natural gas to the tune of 7,19,128 SCM/day as a fuel in utilities like boiler, Rotary Kiln, Steam Heater, Furnaces, Thermal Oxidizer and gas base power plant.

And whereas SEIAA has granted Environment Clearance vide office order letter no. SEIAA/GUJ/EC/5(f)/45/2012 dated 27/02/2012 under the provisions of the aforesaid Notification.

And whereas M/s. Gujarat Fluorochemicals Ltd has applied for amendment in the environmental clearance vide their letter dated 11-06-2014 vide their letter GFL/Dahej/EPO/SLEAC/2014/01 /07/2014/01.

And whereas SEIAA has received recommendation from SEAC, for the amendment of Environment Clearance under the provision of the aforesaid Notification. The proposal was considered by SEIAA, Gujarat in its meeting held on 08.05.2015 at Gandhinagar. After careful consideration. Environment Clearance order dated 27.02.2012 is hereby amended as under, subject to amendment with respect to change the following condition only.

Condition no. 16 on Page 3 is here by amended and shall be now read as follows

Condition no. 16:


(i)

- a. Natural gas shall be used in all the utilities like Boiler, Rotary Kiln, 2 Nos. of Steam Heater Furnaces, Thermal Oxidizer & Hot Air Generator for Spray Dryer and adequate stack height as per the prevailing norms shall be provided. The natural gas consumption after the proposed change shall not exceed 50,000 SCM/day.
- b. Additional Imported coal 504 MT/ day shall be used as fuel for the 90 TPH steam Boiler.
- c. A flue gas stack of 70 m height shall be provided with online monitoring system to 90 TPH steam boiler.
- d. High efficiency Electro Static Precipitator (ESP) with efficiency not less than 99.9% shall be installed and operated to ensure that particulate matter emission does not exceed the norms prescribed by the GPCB.
- e. Third party monitoring of the functioning of the ESP along with its efficiency shall be carried out once in a year through a reputed institute / organization.
- f. Lime stone injection technology shall be adopted to control SO₂ and it shall be ensured that SO₂ levels in the ambient air do not exceed the prescribed standards.
- g. The DCS system shall be suitably programmed to ensure that as & when the SPM emission from the flue gas stack exceeds 150 ppm the steam Boiler shall shut down automatically and an interlocking system shall be adopted for ensuring this purpose.
- h. Online monitoring system shall be installed to monitor the SO_x, NO_x and SPM in the flue gas stack.
- i. The ambient air quality shall be monitored in and around the project area, and the location of ambient air quality monitoring stations shall be reviewed in consultation with the GPCB and additional stations shall be installed, if required in the downwind directions as well as where maximum ground level concentrations are anticipated.
- j. Adequate storage facility for the fly ash in terms of closed silos shall be provided at site. No ash pond shall be constructed.
- k. Handling of the fly ash shall be through a closed pneumatic system.

- l. Ash shall be handled only in dry state.
- m. The unit shall strictly comply with the Fly Ash Notification under the EPA and it shall be ensured that there is 100% utilization of fly ash to be generated from the unit.
- n. The fugitive emission in the work zone environment shall be monitored. The emission shall confirm to the standards prescribed by the concerned authorities from time to time (e.g. Directorate of Industrial Safety & Health). Following guidelines shall be followed to reduce the fugitive emission:
- Enclosure shall be provided at all loading and unloading operations.
 - Adequate dust extraction system such as bag filter, water spray system in the dusty area like fly ash handling area and other vulnerable areas shall be provided.
 - All transfer points shall be fully enclosed.
 - Accumulated coal dust /fly ash on the ground and other surfaces shall be removed / swept regularly and water the area after sweeping.
 - Internal road shall be either paved properly to reduce the fugitive emission during vehicular movement.
 - Air borne dust shall be controlled with water sprinklers at suitable interval in the plant.
- (ii) Additional installation of 5 numbers of D.G. sets having total capacity of 4030 KVA [3 no.s of 1010 KVA and 2 nos of 500 KVA] shall be used as standby facility to support their continuous manufacturing process in case of emergency and non availability of power from grid. LDO shall be used as fuel.
- Diesel shall be used in DG sets.
 - The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.

Rest of all the conditions of the Environment Clearance order no. **SEIAA/GUJ/EC/5(f)/45/2012 dated 27/02/2012** shall remain unchanged.

With regards,
Yours sincerely,


(DARPANA DHIMMAR)
Member Secretary

Issued to:

Mr. Pritesh Trivedi
M/s.Gujarat Flurochemicals Limited
12/A,GIDC Dahej Industrial,
Ta:Vagra,
Dist:Bharuch-392130

Copy to:-

1. The Secretary, SEAC, C/O: G.P.C.B. Gandhinagar - 382010.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD -cum-Office Complex, East Arjun Nagar, New Delhi-110032
3. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
4. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
5. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
6. Select File.


(DARPANA DHIMMAR)
Member Secretary