



SANJIV TYAGI
MEMBER SECRETARY
SEIAA, GUJARAT

**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY**
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No. SEIAA/GUJ/EC/2(a)/ 2008

Date: . .

Time Limit

To,
M/s. Gujarat NRE Coke Ltd.
Survey No. 228, 229 & 230
Village: Lunva, Ta.: Bhachau,
District: Kutch.

Sub: Environment Clearance for expansion in the existing unit at Survey No 228, 229 & 230, Village: Lunva, Ta.: Bhachau, District: Kutch by M/s. Gujarat NRE Coke Ltd expansion of products in Category 2(a) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application made along with Application Form 1, Rapid Environment Impact Assessment Report (REIA) and feasibility report submitted to MoEF, seeking environmental clearance under Environment Impact Assessment Notification, 2006. Later, SEAC had received this application from the Ministry of Environment & Forest, Government of India, after formation of the State Level Environment Impact Assessment Authority (SEIAA), Gujarat and the State Level Expert Appraisal Committee (SEAC), Gujarat.

It is noted that the proposal is for environmental clearance for proposed 0.75 MTPA capacity coal washery by Gujarat NRE Coke Ltd., Survey No. 228, 229 & 230, Village: Lunva, Ta. Bhachau, District: Kutch. The unit is located in notified industrial estate. Total land acquired is **110581 m²**. Expansion will be within existing land. Total cost of the project is **17.25 crores. Rs. 1.035 crores** are earmarked for construction of ETP for proposed expansion.

The project activity is covered in 2 (a) and is of 'B' Category. Since the proposed project is in notified industrial area, it does not need Public Consultation as per Para 7(i) III.

Stage (2) (a) – “Public Consultation” of EIA Notification, 2006.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned products. The proposal was considered by SEIAA, Gujarat in its meeting held on 11.01.2008 at Gandhinagar. However, the members of the authority felt that certain issues especially those related to coal separation needs to be clarified. It was therefore decided to invite Project proponent personally in the next meeting held on 13/2/08. The EIA/ EMP Report was found to be adequate and complete and as the public consultation is not required for the project. During the meeting of 13/2/08, the project proponent clarified about separating clean Coal from the one with high Ash and also that they shall send high Ash Coal only to Cement Plants for blending.

Based on above and the Clarification given by project proponent, 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 Specific and General conditions.:

A.1 WATER:

1. Additional water consumption for this activity shall not exceed 149.5 cum per day. The entire water requirement shall be met through Gujarat Water Infrastructure Limited water supply i.e. Narmada water. No ground water shall be withdrawn for this activity.
2. There shall not be any industrial wastewater discharge from this activity.
3. Operation of de-watering and clarification system shall be done efficiently and effectively in tandem with production activity to achieve zero discharge from the activity.
4. Domestic wastewater should be discharged as per GPCB norms.
5. Unit must harvest the rainwater from roof tops and storm water drains to recharge the ground water.

A.2 AIR:

6. There shall not be any process emission and flue gas emission from this activity
7. 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.

Following indicative guidelines shall be followed to reduce the fugitive emission:-

- a) Enclosure shall be provided at all loading and unloading operations.
- b) Water shall be sprayed on all raw materials stock pile periodically to retain some

- moisture in top layer so as to reduce the fugitive emission.
- c) All transfer points shall be fully enclosed.
 - d) Accumulated dust on the ground and other surfaces shall be removed / swept regularly and the area after sweeping shall be watered.
 - e) Internal road shall be paved properly to reduce the fugitive emission during vehicular movement.
 - f) Air borne fine coal / dust shall be controlled with water sprinklers at suitable locations in the plant.
8. Regular monitoring of the ambient air quality shall be done in consultation with Gujarat Pollution Control Board and its record shall be maintained. Location of ambient air quality monitoring stations shall be reviewed and additional stations shall be installed, if required in the downward direction as well as where maximum ground level concentration is anticipated.
9. Ambient air quality levels shall not exceed the standards stipulated by Gujarat Pollution Control Board.

A.3 SOLID WASTE:

10. Used oil / waste oil shall be sold to only the registered recycler.

A.4 SAFETY:

11. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
12. First Aid Box shall be made readily available in the unit.
13. 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 Factories Act & Rules.
14. Detailed disaster management plan shall be prepared and its recommendations shall be implemented.
15. Necessary fire detectors, gas detectors, lightening arrestors and safety devices shall be installed at the vulnerable places, particularly in coal storage areas. Adequate fire fighting system like fire hydrants, fire pumps, fire tenders shall be provided at suitable locations. Adequate storage of water and foams shall be maintained to combat fire hazard.

A.5 HEALTH:

16. Periodical Medical checking in the industrial units must be done through reputed Medical Institutes/ Civil Hospitals/ ESIS/NIOH or Institutes designated by NIOH. The periodicity of such medical check up must be decided in consult GPCB.

A.6 NOISE:

17. The overall noise level in and around the plant area shall be kept well within the standards by providing noise control measures including engineering control like acoustic insulation, hoods, silencers, enclosures etc. on all source of noise generation. The ambient noise level shall conform to the standards prescribed under Environment (Protection) Act & Rules, 1986. The Noise level for workers shall be as per the Factories Act & Rules.

A.7 CLEANER PRODUCTION AND WASTE MINIMISATION:

18. The company shall undertake following waste minimization measures.

- a) Metering and control of quantities of active ingredients to minimize waste.
- b) Reuse of by-products from the process as raw materials or raw materials substitutes in other processes.
- c) Use of automated and enclosed filling to minimize spillage.
- d) Venting equipment through vapour recovery system.
- e) Use of close feed system into batch reactors.

A.8 GREEN BELT AND OTHER PLANTATION:

19. Unit shall develop green belt having 7.5m width all along factory periphery consisting of at least three rows of trees of local species. The number of trees in the green belt should be as per prevailing guidelines of the CPCB.

B. GENERAL CONDITIONS:

1. At no time, the emissions shall exceed the prescribed limits. In the event of failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieved.
2. The company shall strictly follow all the recommendations mentioned in the Charter on Corporate Responsibility for Environment Protection (CREP) for Chlor Alkali plants.
3. The company shall undertake eco-developmental measures including community welfare program most useful in the project area for the overall improvement of the environment. The eco-development plan shall be submitted to GPCB within three months of receipt of

this letter.

4. The project management shall also comply with all the environment protection measures, risk mitigation measures and safeguards recommended in the EIA / EMP report as well as other proposals made by them.
5. The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water. Also harvesting of surface as well as rainwater from the rooftops of the building proposed in the project shall be undertaken and the same shall be used for the various activities of the projects to conserve fresh water.
6. 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.
7. No further expansion or modifications in the plant shall be carried out without prior approval of the MoEF/ SEIAA, as the case may be. In case of deviations or alterations in the project proposal from those submitted to MoEF/ SEIAA/ SEAC for clearance, a fresh reference shall be made to the SEIAA/ SEAC to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
8. 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.
9. **The project proponent 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.**
10. 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 hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
11. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
12. 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.

13. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
14. 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. 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 and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.
15. This environmental clearance is valid for five years from the date of issue.

With regards,
Yours sincerely,

(SANJIV TYAGI)
Member Secretary,
State Level Environment Impact Assessment Authority
Gujarat

Copy to:-

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