



SANJIV TYAGI
MEMBER SECRETARY
SEIAA, GUJARAT

**STATE LEVEL ENVIRONMENT IMPACT
ASSESSMENT AUTHORITY**
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No. SEIAA/GUJ/EC/7(e)/ /2008

Date:

Time Limit

To,
M/s. Ultratech cement Ltd.
Unit: Narmada Cement, Jafarabad Works,
Jafarabad port,
Taluka: Jafarabad,
District: Amreli.

Sub: Environment Clearance for Modernization of New Clinker Jetty at Jafarabad port, Taluka: Jafarabad, District: Amreli by M/s. Ultratech cement Ltd. Unit: Narmada Cement, Jafarabad Works in Category 7(e) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application made along with Application Form-I, Compliance of the additional information sought and Pre-feasibility of the project report submitted to SEAC, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance for Modernization of New Clinker Jetty by M/s. Ultratech cement Ltd. Unit: Narmada Cement, Jafarabad Works, Jafarabad port, Taluka: Jafarabad, District: Amreli. The proposed expansion will be within the existing land. The total cost of the project would be Rs. 354.18 Lacs.

The proposal of the project is for the modernization of the existing jetty at Jafarabad which has designed capacity of 2.5 MTPA (Million Ton Per Annum), out of which only 1.2 MTPA is being utilized at present. Now the project proponent has proposed for capacity enhancement of additional 1.0 MTPA of clinker handling under category 7-e. As the total cargo handling capacity is less than 5 MTPA, the project falls in to the B category. The enhancement of the capacity is proposed to be done by installing bulk cement loading facility at the port. This includes construction of - (i) RCC silo-1000 Metric ton capacity.(ii) Compressor Room (iii) Cooling tower (iv) Dust collector (03 Number) (v)Cement Extraction System (Below Silo) (vi) FK Pump (02 Number) (vii) MCC Room (viii) PLC Room.

The project activity is covered in 7(e) and is of 'B2' Category. Since the proposed project has been categorized as B2, it does not need Public Consultation as per Para 7(i) III. Stage (3) (e) – 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 22.09.2008 at Gandhinagar. Since the EIA/ EMP Report was found to be adequate and complete and the public consultation is not required for the project, 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. SPECIFIC CONDITIONS:

A.1 CONSTRUCTION PHASE:

1. The scope of the project shall be construction of - (i) RCC silo-1000 Metric ton (Mt.) capacity.(ii) Compressor Room (iii) Cooling tower (iv) Dust collector (03 Number) (v)Cement Extraction System (Below Silo) (vi) FK Pump (02 Number) (vii) MCC Room (viii) PLC Room.
2. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
3. The construction site shall be provided with adequately barricades of at least 3m height on its periphery with adequate signage.
4. Adequate first aid facilities shall be provided in the project both during construction and operation of the project.
5. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
6. Provision should be made for the supply of fuel (kerosene or cooking gas), utensils such as pressure cookers etc. to the labourers during construction phase.
7. The project proponent shall ensure that the construction labours are provided with adequate amenities for lighting, drinking water, sanitation, etc. to ensure that they do not ruin the existing environmental condition.
8. Adequate personal protective equipments shall be provided to the construction workers to ensure their safety and the project proponent shall ensure its usage by the labours.
9. All topsoil excavated during construction activities should be stored for use in horticultural / landscape development within the project site.
10. Disposal of debris including the excavated material during construction phase shall not create adverse effect on neighbouring communities and disposed off taking the precautions for general safety and health aspects only at the approved sites with the approval of the competent authority.
11. Use of diesel generator sets during construction phase should be enclosed type and confirm to EPA Rules for air and noise emission standards.
12. Vehicles hired for bringing construction material at site should be in good conditions and confirm to applicable air and noise emission standards and should be operated only during non-peak hours.
13. Ambient noise levels should confirm to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality should be closely monitored during construction phase.
14. Ready made mix concrete should be used so far as possible.
15. Water demand during construction should be reduced by use of curing agents, plasticizers and other best practices.
16. Fly ash should be used as building material in the construction as per provisions of Fly Ash Notification under EPA.
17. Structural design aspects in accordance to the seismic zone shall be strictly adhered to.
18. The construction materials and debris shall be properly stored and handled to avoid negative impacts such as

air pollution and public nuisances by blocking the roads and public passages.

19. Environment Management Cell shall be formed, which will supervise and monitor the environment related aspects of the project during construction and operational phases in addition to observance of Gujarat Building and other Construction Workers Act and Rules including registration of the project under that act.

A.2 OPERATION PHASE:

20. The cement shall be handled in the closed containers only. The vehicles used for the transportation of the cement shall have valid PUC certificate and shall be regularly checked for their emissions.
21. The path of the cement bowsers/ trucks movement shall be clearly marked and paved through out to reduce the fugitive emission.
22. Diesel generator sets proposed as back up power shall be of enclosed type and confirm to prescribe standards under EPA rules. All exhausts shall be 5.5m above roof top. Necessary acoustic enclosures shall be provided at diesel generator set to mitigate the impact of noise as per the MoEF / CPCB guidelines /Norms.
23. There shall not be use of any fresh water in the process.
24. There shall not be any industrial waste water generation from the project.
25. The domestic wastewater shall be discharged as per GPCB norms and guidelines.
26. Rain water harvesting for roof run-off and surface run-off, as per the plan submitted shall be implemented. Before recharging the surface run off, pre- treatment must be done to remove suspended matter.
27. The green belt shall be provided as per the details submitted. This shall include the mangrove plantation in consultation with the local Forest office / Gujarat Ecology Commission.
28. The energy audit shall be conducted at regular interval for the project and the recommendations of the Audit report shall be implemented with spirit.
29. Common utilities like drinking water facility, Toilets etc. shall be provided with adequate signage thereof. Adequate distance shall be maintained between the drinking water and toilet blocks.
30. Necessary emergency lighting system alongwith emergency power back up system shall be provided. In addition, emergency public address system arrangement and signage for emergency exit route shall be provided on each floor.
31. Necessary auto glow signage at all appropriate places shall be provided to guide the people towards exits and assembly points during the unforeseen emergency and eventuality conditions.
32. Disaster Management Plan which shall consider the worst case scenario of the events like oil spillage, collision of ships etc. shall be prepared and its recommendation shall be implemented in the time bound manner.
33. The project proponent shall develop and implement the Vessel Traffic Management System in consultation with the GMB to ensure that the ships visiting and going from the Jafrabad and other nearby Ports does not collide and smooth sailing of vessels is ensured round the year.
34. All the statutory clearances such as the CRZ clearance, approvals for storage of diesel from Chief controller of Explosives, Fire Department, Naval Department, if applicable, shall be obtained as applicable by the project proponents from the competent authorities.
35. Environment Management Cell shall be formed during operation phase which will supervise and monitor the environment related aspects of the project including incremental pollution loads on the ambient air quality, noise and water quality periodically till the management of the project remains with the project proponent.

B. GENERAL CONDITIONS:

36. The applicant shall earmark areas as well as funds for minimum of five years for a 100 hectares plantation of Mangroves. The planting could be done either on their own or jointly through a scheme with the Gujarat Ecology Commission.
37. 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.
38. 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.
39. 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.
40. The applicant 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
46. 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.
47. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
48. 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.
49. 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 and 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 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-382 010.
6. Select File.