

State Level Environment Impact Assessment Authority
E-115 Nehru Colony Dehradun
Uttarakhand

No. SEIAA-EC-1 /2009/...32...

April....., 2009
June 8,

To

Shree Cement Ltd. ,
Village: Akbarpur Urd,
Tehsil: Lakshar,
Haridwar, Uttarakhand

Sub : Setting up of Clinkar Grinding Unit 2.0 million tonne per annum Village Akbarpur Urd, Tehsil Lakshar, Haridwar, Uttarakhand by M/s. Shree cement Ltd. Environmental Clearance reg.

Sir,

This has reference to your letter no. SCL/ENV/HARIDWAR/2009 dated 07.11.2008 along with Application in Form-I and pre-feasibility report seeking environmental clearance for the above project under the Environment Impact Assessment Notification, 2006 and subsequent presentation on 20.02.2009.

- 1.0 The State Level Expert Appraisal Committee has examined the proposal and noted that the proposal is for setting up of Cement Clinkar Grinding Unit (2 MTPA) at Village: Akbarpur Urd, Tehsil: Lakshar, Haridwar, Uttarakhand by M/s Shree Cement Ltd.. The total land required for the project will be 13.3 Hectare. The total cost of the project will be Rs. 174.70 Crores.
- 2.0 Air pollution control measures will be provided to control of emission of dust particles in Clinker/Gypsum Grinding section including raw material handling area and Material Transfer Points to achieve particulate emission below 50 mg/Nm³. The total water requirement of the project will be 150 KLD which will be sourced from ground water. The Sewage water will be disposed through septic tank and soak pit.
- 3.0 After considering the facts mentioned above and with due diligence, State Level Environment impact Assessment Authority, categorizes the project in category B-2 requiring no EIA/EMP and public hearing/consultation and 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:

- 1) The particulate matter emissions from various sources shall not exceed 50 mg/Nm³. The fugitive emissions during loading and unloading shall be suitably controlled. Bag house/ filters shall be provided to control air emissions to achieve the prescribed standards.
- 2) The locations of ambient air quality monitoring stations shall be set up as per statutory requirement in consultation with the Uttarakhand Environment Protection & Pollution



Control Board and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated. The findings of the air quality monitoring shall be displayed in display Board at appropriate locations.

- 3) The company shall obtain permission for drawl of 150 m³/day ground water from the Central Ground Water Authority/Central Ground Water Board and copy of the same shall be submitted to the State Level Environment Impact Assessment Authority and Uttarakhand Environment Protection and Pollution Control Board within three months from date of issue of this letter.
- 4) Green belt shall be developed at least in 33 % of plant area to mitigate the effect of fugitive emissions all around the plant as per the guidelines of Central Pollution Control Board.
- 5) The project authorities shall transport the raw materials and cement in covered means to avoid fugitive emission during transport, with arrangement of dust collector at all the material transportation points.
- 6) All the roads shall be concreted and vacuum sweeped and concerned conveyer belt shall be provided for handling of material.
- 7) All the recommendations mentioned in the CREP guidelines for the cement plants shall be followed and complied, and compliance report shall be forwarded to State Level Environment Impact Assessment Authority and State Board.
- 8) This Clearance is valid only for clinker grinding, the unit will not install any cement kiln.

B. GENERAL CONDITIONS

- 1) The project authorities shall strictly adhere to the stipulations of the SPCB/state government or any statutory body.
- 2) All other necessary statutory clearances from the concerned Departments including No Objection Certificate from the Uttarakhand Pollution Control Board (Uttarakhand PCB) shall be obtained prior to commencement of construction and / or operation.
- 3) No further expansion or modifications in the plant shall be carried out without prior approval of the competent authority. In case of deviations or alterations in the project proposal from those submitted to this competent authority for clearance, a fresh reference shall be made to the authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- 4) 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.
- 5) The gaseous emissions (SO₂, NO_x,) and particulate matter along with RSPM levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time and values obtained shall be displayed in display board.



- 6) The company shall undertake following Waste Minimization measures.
- ❖ Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
 - ❖ Use of Closed pneumatic system for transport of fine material.
 - ❖ All Venting systems shall be connected with dust arresting equipments.
 - ❖ Dust collect in pollution control equipments shall be reused.
- 7) Fugitive emissions in the work zone environment, product and raw materials storage area shall be regularly monitored. The emissions shall conform to the limits imposed by the State Pollution Control Boards/Central Pollution Control Board.
- 8) The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- 9) The company shall develop rain water harvesting structures to harvest the run off water for recharge of ground water.
- 10) Occupational health and safety measures shall be undertaken. Periodic monitoring for exposure to dust on the workers should be conducted and records maintained including health records of the workers. The company shall engage a doctor who is trained in occupational health.
- 11) The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment. The eco-development plan should be submitted to the SPCB within three months of receipt of this letter for approval followed by its implementation.
- 12) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- 13) The project authorities shall earmark adequate fund to implement the conditions stipulated by the environment impact assessment authority as well as the State Government. An implementation schedule for all the conditions stipulated herein shall be submitted to the authority. The funds so provided shall not be diverted for any other purpose
- 14) The implementation of the project vis-à-vis environmental action plans shall be monitored by the team of authority. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.
- 15) The project proponent shall inform the public that the project has been accorded environmental clearance by the authority and copies of the clearance letter are available with the SPCB may also be seen at Website of the State Board. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular



language of the locality concerned and a copy of the same shall be forwarded to the SEIAA and State Board.

- 16) The project authorities shall inform the authority as well as the SPCB, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.
- 17) The authority may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 18) The authority reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.
- 19) This Environment clearance is valid for the period of five year from the date of issue of environment clearance or up to commissioning of the project whichever is earlier

(Dr Ajay Gairola)

Member Secretary

Copy to :-

1. Secretary, Forests and Environment , Government of Uttarakhand, Dehradun for information ..
2. Director, IA Division Ministry of Environment & Forests CGO complex New Delhi
3. Member Secretary, UEPPCB, Dehradun for information .

Member Secretary