

F. No. J-11011/293/2008- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003

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Dated 19th September, 2008

To,

Sanjay Mehta
Joint Vice president
M/s. Shree Cement Limited
Bangurnagar, Beawar
Dist Ajmer, Rajasthan

E-mail : sanjaymehta@shreecementltd.com / environment@shreecementltd.com
Fax No. : 01462-228117-119

**Subject: Clinker Grinding Unit (Cement, 2.0 Million TPA) at Village Udepur, Tehsil
Suratgarh, District Sri Ganganagar, Rajasthan by M/s Shree Cement Ltd. by
M/s. Shree Cement Ltd. - Environment clearance reg.**

Ref. : Your letter no. SCL/Suratgarh/07-08/42682 dated 31st March, 2008.

Sir,

This has reference to the letter no. SCL/Suratgarh/07-08/42682 dated 31st March, 2008 alongwith Application in Form I, Pre-feasibility Report and other project related documents seeking environmental clearance and subsequent clarifications furnished vide communications dated 29th May, 2008 and 8th August, 2008 regarding the above mentioned cement project.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that the proposal is to set up Clinker Grinding Unit for 2.0 MTPA at Village Udepur, Tehsil Suratgarh, District Sri Ganganagar, Rajasthan by M/s Shree Cement Ltd. Total area for the proposed project is 60 Bigha. No national parks and wild life sanctuary is located within 10 km radius. Dhabadih reserve forest is located at as distance of 1 km in N-direction. Total cost of the project is Rs. 167.15 Crores.

2.0 Clinker, Gypsum, and Fly ash will be used as raw materials for Cement plant. Clinker will be sourced from their own plant at Beawar, Rajasthan and stored in Silo. Fly ash will be sourced from the nearby Suratgarh Thermal Power Plant to manufacture Pozollona Portland Cement. Gypsum will be sourced from Rajasthan and stored in covered shed. Cement will be produced by installing two mills.

3.0 Bag house will be provided to grinding mill to control particulate matter within < 50 mg/Nm³. Dust collectors will be installed at all the materials transfer points. Fugitive dust will be controlled by spraying water on the roads. Covered unloading hopper with de-dusting

arrangement for unloading of all raw materials will be installed. Total water requirement will be 150 KLD. All the solid waste generated will be recycled and reused in the process itself.

4.0 The proposal is appraised at the Central level due to non-existent of the SEIAA/SEAC in the State of Rajasthan at the time of submission of proposal in March, 2008 much prior to the constitution of SEIAA/SEAC in Rajasthan on 30th July, 2008. After considering the facts mentioned above and with due diligence, the Ministry of Environment and Forests hereby categorizes the project in category B-2 requiring no EIA/EMP and Public Hearing/Consultation and accords environmental clearance under the provisions of EIA Notification, 2006 subject to strict compliance to the following specific and general conditions :

A. SPECIFIC CONDITIONS :

- i. Other necessary statutory clearances from the concerned Departments including 'No Objection Certificate' from the Rajasthan State Pollution Control Board (RSPCB) shall be obtained prior to commencement of construction and / or operation.
- ii. Continuous stack monitoring facilities to monitor gaseous emissions from all the stacks shall be provided and limit of SPM shall be controlled within 50 mg/Nm³ by installing adequate air pollution control system. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with Rajasthan State Pollution Control Board (RSPCB) and reports submitted to the RSPCB, CPCB quarterly and to the Ministry's Regional Office at Lucknow half-yearly.
- iii. Bag house and bag filters shall be provided to control particulate matter emissions from various units prescribed by the Rajasthan State Pollution Control Board (RSPCB). At no time, the stack emissions from various sources shall exceed 50 mg/Nm³. Interlocking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit (s) is shut down automatically.
- iv. Ambient air quality monitoring (AAQM) stations shall be set up as per statutory requirement in consultation with the Rajasthan State Pollution Control Board (RSPCB) and relevant parameters including noise levels shall not exceed the standards stipulated under EPA or by the State authorities. Monitoring of ambient air quality and stack emissions shall be carried out regularly in consultation with SPCB and reports submitted to the Board quarterly and to the Ministry's Regional Office at Lucknow half-yearly.
- v. The fugitive emissions during loading and unloading shall be suitably controlled. Bag house and bag filters shall be provided to control air emissions. The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points. The dust collected from the pollution control equipment shall be recycled back into the process. Storage of raw material shall be in closed roof sheds. Water sprinkling arrangement shall be made in the raw material stock yard and cement bag loading areas.
- vi. Impact of transport system due to movement of raw material and finished products on the surrounding environment shall be assessed and all the necessary precautions shall be taken to control dust emissions.

- vii. Total water requirement from Indira Gandhi canal / ground water / any other source shall not exceed 150 m³/day. All the recommendations / conditions stipulated by SGWB/CGWA/concerned department shall be implemented. Efforts shall be made to reduce fresh water consumption by recycling and reusing treated wastewater in the process. No effluent shall be discharged outside the factory premises and 'zero' discharge shall be strictly followed. The domestic wastewater shall be passed through septic tanks followed by soak pits and used for green belt development within the premises.
- viii. 'Permission' for the drawl of 150 KLD water from Indira Gandhi canal / ground water / any other source shall be obtained from the concerned department / State Ground Water Board / Central Ground Water Authority (SGWB/CGWA).
- ix. The dust collected from the pollution control equipments shall be 100% recycled and reused in the process itself. Used oil shall be sold to authorized recyclers / reprocessors only.
- x. The company must harvest the rainwater from the roof tops and storm water drains to recharge the ground water. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water.
- xi. As proposed, green belt shall be developed in at least 33 % area within the plant premises as per the Central Pollution Control Board guidelines in consultation with local DFO.
- xii. Permission and recommendations of the State Forest Department regarding impact of proposed expansion on the surrounding Dhabadih RF (1 km, N) shall be obtained and implemented.
- xiii. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Steel plants shall be implemented.

B. GENERAL CONDITIONS :

- i. The project authority shall adhere to the stipulations made by Rajasthan State Pollution Control Board (RSPCB) and State Government.
- ii. No further expansion or modification of the plant shall be carried out without prior approval of this Ministry.
- iii. The gaseous (SPM, SO₂, NO_x, CO) and particulate matter emissions from various units shall conform to the standards prescribed by the Rajasthan State Pollution Control Board. At no time, particulate emissions from the cement plant shall exceed 100 mg/Nm³. Continuous on-line monitors for particulate emissions shall be installed. Inter-locking facility shall be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the respective unit(s) is shut down automatically.
- iv. Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December,

1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.

- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 Environmental (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vi. Proper housekeeping and adequate occupational health programmes must be taken up. Occupational Health Surveillance programme shall be done on a regular basis and records maintained properly for at least 30-40 years. The programme must include lung function and sputum analysis tests once in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.
- vii. The company shall harvest the rainwater from the roof tops and storm water drains to recharge the ground water. The company must also collect rain water in the mined out pits of captive lime stone mine and use the same water for the various activities of the project to conserve fresh water.
- viii. The company shall undertake eco-development measures including community welfare measures in the project area.
- ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/ EMP.
- x. As proposed, Rs. 9.00 Crores shall be allocated towards the environment pollution control measures and used exclusively to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. Time bound implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Lucknow. The funds so provided shall not be diverted for any other purpose.
- xi. A separate environmental management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of Senior Executive.
- xii. The Regional Office of this Ministry at Lucknow / Central Pollution Control Board / Rajasthan State Pollution Control Board shall monitor the stipulated conditions. A six monthly compliance report and the monitored data alongwith statistical interpretation shall be submitted to them regularly.
- xiii. The Project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
- xiv. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the Rajasthan State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This should 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 Regional office at Lucknow.

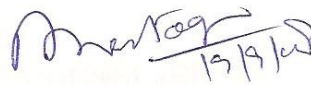
5.0 The Ministry or any other competent authority may stipulate any further condition(s) on receiving reports from the project authorities. The above conditions will be monitored by the Regional Office of this Ministry located at Lucknow.

6.0 The Ministry may revoke or suspend the clearance if implementation of any of the above conditions is not satisfactory.

7.0 Any other conditions or alteration in the above conditions will have to be implemented by the project authorities in a time bound manner.

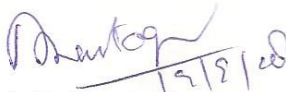
8.0 Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

9.0 The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


(Dr. P. B. Rastogi)
Director

Copy to :-

1. Secretary, Department of Environment and Forests, Government of Rajasthan, Jaipur, Rajasthan.
2. Chairman, State Environment Impact Assessment Authority, 90, Geejgarh Vihar, Hawa Sarak, Jaipur, Rajasthan
3. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
4. Chairman, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur, Rajasthan.
5. Chief Conservator of Forests (Central), Ministry of Environment and Forests, Central Region, Kendriya Sadan, Sector H, Aliganj, Lucknow - 226 024, U.P.
6. Adviser IA-II(I), Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
7. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
8. Guard File.
9. Monitoring File.
10. Record File.


(Dr. P. B. Rastogi)
Director