



भारत सरकार
पर्यावरण एवं वन मंत्रालय
Government of India
Ministry of Environment & Forests
(IA Division)

G. in (a) 14/08

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F. No. J-11011/819/2007-IA-II(I)

Dated : March 13, 2008

To

M/s Penna Cement Industries
Talaricheruvu Village, Tadipatri Mandal,
Anantapur District,
Andhra Pradesh

penna@sify.com projects@pennacements.com

Sub: Expansion of Clinker production unit (0. 85 MTPA to 1.45 MTPA) and Cement (1.5 MTPA to 2.20 MTPA) at Talaricheruvu Village, Tadipatri Mandal, Anantapur District, Andhra Pradesh by M/s Penna Cement Industries -Environmental Clearance reg.

Sir,

This has reference to your letter No. KIL/REIA/Plant/2007/MOEF dated 23rd June, 2007, along with Schedule II Application, Questionnaire and Environmental Impact Assessment Report seeking environmental clearance for the above project under the Environment Impact Assessment Notification, 1994 and subsequent correspondence vide your letter no. PCIL/MOEF/1/2008 dated 6th January, 2008.

2.0 The Ministry of Environment and Forests has examined the application and noted that the proposal is for environmental clearance for expansion of Clinker production unit (0. 85 MTPA to 1.45 MTPA) and Cement (1.5 MTPA to 2.20 MTPA) at Talaricheruvu Village, Tadipatri Mandal, Anantapur District, Andhra Pradesh by M/s Penna Cement Industries. The total land acquired is 40.40 ha. No Wildlife sanctuary and national park is located within 7 km periphery of the plant. The Dobbudaballe & Dhodiyam reserved forests are located in 7km periphery of the plant. The plant was granted environmental clearance by the Ministry vide letter No. J.11011/26/2000-IA.II(I) dated 2.3.2001 for 0.90 MTPA.

3.0 No new plant and equipments will be installed. Expanded capacity will be achieved through optimization and up-gradation of plant and machinery. Bag filters and ESPs are installed for control of emissions. No new air pollution control equipments is envisaged. The total water requirement for industrial and domestic purposes of the plant will be 505 m³/day. The waste water will be used for green belt development.

(Signature)

4.0 Public hearing was held on 6-7th May 2007. Consent to establish is accorded by the APPCB for the existing project.

5.0 Ministry of Environment and Forests hereby accords environmental clearance under the provisions of EIA Notification dated 14th September 2006 subject to the compliance to the following Specific and General conditions:

A SPECIFIC CONDITIONS:

- i) The stack emissions from various sources shall not exceed 50 mg/Nm³.
- ii) Bag house/ filters shall be provided to control the fugitive emissions during loading and unloading. The project authorities shall store all the raw materials except limestone in the covered sheds to control fugitive emissions.
- iii) The locations of ambient air quality monitoring stations shall be set up as per statutory requirement in consultation with the A. P. Pollution Control Board (APPCB) and additional stations shall be installed, if required, in the downwind direction as well as where maximum ground level concentrations are anticipated.
- iv) Total ground water requirement shall not exceed 505 m³/day and prior 'Permission' for the drawl of ground water shall be obtained from the SGWB/CGWA and copy of the permission shall be submitted to Ministry's Regional Office at Bangalore within 3 months from the date of receipt of this letter. The project authorities shall install sewage treatment plant for minimum 225m³/day capacity to treat domestic sewage and treated sewage shall be utilized for the green development. No waste water shall be discharged outside the premises and 'zero' discharge shall be ensured.
- v) The project authorities shall make all out effort to use high calorific value hazardous waste in the kiln and accordingly, necessary provision in the kiln shall be made.
- vi) The project authority shall transport the raw material and the product in covered means.
- vii) Out of total 40.40 ha, 14.14 ha shall be developed as green belt as per the guidelines of Central Pollution Control Board to mitigate the effect of fugitive emission.
- viii) The project authorities shall provide a heath center with all emergency medicines and ambulance along with full time doctor. Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act.



- ix) The project authorities shall obtain all other necessary statutory clearances from the concerned departments including 'No Objection Certificate' from the A.P. Pollution Control Board (APPCB) prior to commencement of construction.
- x) All the recommendations mentioned in the CREP guidelines shall be followed and complied.
- xi) Measures shall be taken to prevent impact of particulate emission/fugitive emission, if any, from the proposed plant on the surrounding reserve forests viz. Dobbudaballe & Dhodiyam which is located within 10 km radius of the project. Further, Conservation Plan for the conservation of wild fauna in consultation with the State Forest Department shall be prepared and implemented.

B. GENERAL CONDITIONS

- (i) The project authorities shall strictly adhere to the stipulations of the SPCB/state Government or any other statutory body.
- (ii) No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- (iii) The gaseous emissions (SO_2 , NO_x) and particulate matter levels from various process units shall conform to the standards prescribed by the concerned authorities from time to time. 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.
- (iv) 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.
- (v) 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.



- (vi) 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).
- (vii) The project authorities shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 as amended and Hazardous Waste (Management and Handling) Rules, 1989, as amended from time to time. Authorization from the SPCB shall be obtained for collection, treatment, storage, and disposal of hazardous wastes.
- (viii) Rainwater harvesting shall be done within the premises. Ground water recharge structures shall be installed around the plant area in consultation with local authorities to contain the ground water table.
- (ix) 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.
- (x) As proposed, the project authorities shall earmark Rs. 30.00 Lakhs to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose. The cost of environmental protection measures for expansion will be Rs. 30 Lakhs.
- (xi) A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- (xii) The implementation of the project vis-à-vis environmental action plans shall be monitored by the concerned Regional Office of the Ministry/SPCB / CPCB. A six monthly compliance status report shall be submitted to monitoring agencies and shall be posted on the website of the Company.
- (xiii) 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 SPCB and may also be seen at Website of the Ministry at <http://envfor.nic.in>. 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 concerned Regional Office of the Ministry.



- (xiv) 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 start of the project.

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


7.0 The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.

8.0 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 alongwith their amendments and rules.


(H.S. Malviya)
Joint Director

Copy to :-

1. The Secretary, Department of Environment and Forests, Govt. of A.P., Secretariat Hyderabad, A.P.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
3. The Chairman, Andhra Pradesh Pollution Control Board, Paryavaran Bhavan, A-3 Industrial Estate, Sanathnagar, Hyderabad- 500018, A.P.
4. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (SZ), Kendriya Sadan, IVth Floor, E&F wings 17th Main Road, Koramangala II Block, Bangalore-560034, Karnataka.
5. Adviser (IA-II), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
6. Director, Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
7. Guard file.
8. Record file


(H.S. Malviya)
Joint Director