

F. No. J-11011/76/2006- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

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

E-mail : pb.rastogi@nic.in
Telefax : 011-24367668
Dated May 25, 2006

To,
Shri V.S. Narang
Director – Technical
M/s My Home Industries Ltd.
IV Floor, "My Home Jupally"
Ameerpet Road, Greenlands
Hyderabad – 500 016, A. P.

Fax No : 040- 23401271; 08683- 226354
E-mail : mahacement@eth.net

Sub : Expansion of Clinker Production from 1.58 to 2.48 MTPA and cement production from 1.90 to 3.30 MTPA in Unit-III at Mellacheruvu Village & Mandal, Nalgonda, A.P. by M/s My Home Industries Ltd. – Environmental clearance reg.

Sir,

This has reference to your letter No. MHIL/Unit-III/2005-06 dated 13th February, 2006 alongwith project documents including EIA/EMP, questionnaire and application seeking environmental clearance and subsequent clarifications furnished vide communications dated 26th February, 2006 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 for environmental clearance for the expansion of Clinker production from 1.58 to 2.48 MTPA and Cement production from 1.90 to 3.30 MTPA alongwith 15 MW coal based Thermal Power Plant in unit-III at Mellacheruvu & Mandal, Nalgonda, A.P. No additional land will be required since expansion of the cement plant will be carried out in the existing 80.29 ha. The limestone required will be sourced from captive limestone mine i.e. Choutapalli limestone mines and proposal for the environmental clearance for the additional quantity of lime has been submitted to the Ministry in December, 2005. No forest land, rehabilitation and resettlement is involved.

3.0 Dry process pre-calculator technology will be used for manufacturing cement. Continuous emission monitoring will be carried out in kiln/raw mill stack and clinker cooler stack. Water spray and dust suppression system will be provided to control fugitive emissions ESP in clinker cooler, bag house in raw mill/kiln and bag filters in coal mill, cement mills, crusher and all the transfer points will be provided to control air emissions less than 50 mg/Nm³. Total water requirement shall not exceed 1,260 m³/d and

permission for the drawl of 1,500 m³/d ground water has already been accorded by the State Ground Water Department vide letter no. 1465/Hq/S.T/96 dated 3rd December, 1998. All the waste water will be recycled and reused for green belt development and dust suppression and 'zero' discharge will be adopted. All the dust collected will be recycled back to the process. Ash generated from the 15 MW coal based thermal power plant will be utilized in the cement plant for the manufacture of Port land Pozzolona cement.

4.0 Public hearing meeting is held on 14th September, 2005. 'Consent for Establishment' for unit-III has been accorded by the APPCB vide letter no. 185/PCB/CFE/HO/RO-NGL/2005-2573 dated 6th February, 2006. 'NOC' has also been accorded by the APPCB for installing 15 MW Thermal Power Plant vide letter no. APPCB/PTN/NGL/572/Ho/2003/91 dated 23.12.03. Total cost of the project is Rs. 203.00 Crores.

5.0. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 27th January, 1994 as amended subsequently subject to strict compliance to the following specific and general conditions:

A. Specific Conditions :

- i. The gaseous and particulate matter emissions from various units should conform to the standards prescribed by the State Pollution Control Board. At no time the particulate emissions from the cement plant and captive power plant (CPP) should exceed 50 mg/Nm³. Continuous on-line monitors for particulate emissions will be provided. NO_x burners should be installed to control NO_x emissions. Interlocking facility should 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. Continuous on-line particulate emission monitoring shall be carried out as per recommendation of the CREP guidelines and on-line data shall be submitted to the SPCB / CPCB regularly.
- ii. Ambient air quality including ambient noise levels must 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 APSPCB and report submitted to the Board quarterly and to the Ministry's Regional Office at Bangalore half yearly. Continuous stack monitoring system should be installed. One ambient air quality monitoring shall be installed in downwind direction.
- iii. The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points. ESP in clinker cooler, bag house in raw mill/kiln and bag filters in coal mill, cement mills, crusher and all the transfer points shall be provided to control emissions less than 50 mg/Nm³. 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 spray system shall be provided all around the coal stockpiles and dust suppression system around the coal conveyor system. All the roads in the plant area shall be asphalted/concreted and water sprayed to reduce the fugitive dust emissions.

- iv. Total water requirement from the ground water source shall not exceed 1,500 m³/d as per the permission accorded by the State Ground Water Department. All the waste water will be recycled and reused for green belt development and all the treated effluent from CPP and STP shall be utilized for green belt development and other plant related activities. No effluent shall be discharged outside the factory premises and 'zero' discharge shall be adopted. Domestic sludge shall be sent to septic tanks followed by soak pits.
 - v. 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.
 - vi. Green belt shall be developed in 27 ha as per the CPCB guidelines in consultation with the local DFO.
 - vii. Fly ash shall be stored in silos and clinker and gypsum and other raw materials at places covered by sheds. All the cement dust collected in pollution control devices shall be recycled and reutilized in the process viz. fly ash in cement plant; bottom ash from CPP in mine pit, waste oil in kiln and treated STP sludge as manure for green belt development.
 - viii. The company shall undertake eco-development measures including community welfare measures in the project area.
 - ix. The limestone required will be sourced from captive limestone mine i.e. Choutapalli limestone mines and proposal for the environmental clearance for the additional quantity of lime has been submitted to the Ministry in December, 2005. No construction and/or operation of the cement plant shall be undertaken till the environmental clearance for the proposed mining project is accorded by the Ministry.
 - x. All the recommendations of the CREP guidelines shall be strictly followed.
- B. General Conditions**
- i. The project authority must adhere to the stipulations made by A. P. State Pollution Control Board (APPCB) and State Government.
 - ii. No further expansion or modification of the plant should be carried out without prior approval of this Ministry.
 - iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of SPM, SO₂ and NO_x are anticipated in consultation with the H. P. State Environment Protection & Pollution Control Board. Data on ambient air quality and stack emissions should be regularly submitted to this Ministry including its Regional Office at Bangalore and APPCB once in six months.


- iv. Industrial waste water should be properly collected, 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 should be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area should 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 should 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 should be done on a regular basis and records maintained. The programme must include lung function and sputum analysis tests once in six months.
- vii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP.
- viii. A separate environmental management cell with full fledged laboratory facilities to carry out various management and monitoring functions should be set up under the control of Senior Executive.
- ix. As mentioned in the EIA/EMP, Rs. 30.11 Crores and Rs. 60.00 Lakhs kept towards the total cost and recurring cost/annum for implementing environmental pollution control measures shall be judiciously used to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government alongwith the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.
- x. The Regional Office of this Ministry at Bangalore / Central Pollution Control Board / A. P. Pollution Control Board will monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation should be submitted to them regularly.
- xi. The Project Authorities should 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.
- xii. 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 A. P. Pollution Control Board / Committee and may also be seen at Website of the Ministry of Environment and Forests 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 should be forwarded to the Regional office.

6.0 The Ministry or any 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 Bangalore.

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


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

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 alongwith their amendments and rules.


(Dr. P. B. Rastogi)
Additional Director

Copy to :

1. The Secretary, State Department of Environment and Forests, Govt. of Andhra Pradesh, Mantralaya, 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 State Pollution Control Board, 2nd Floor, HUDA Complex, Maitrivaram, S.R. Nagar, Hyderabad - 500 038, A. P.
4. The Chief Conservator of Forests (Central), Ministry of Environment & Forest, Regional Office (SZ), Kendriya Sadan, IVth Floor, E&F Wing, 17th Main Road, Koramangla, Bangalore - 560 034, Karnataka.
5. JS (CCI-I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi. - 110003.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
7. Guard file.
8. Record file
9. Monitoring file.


(Dr. P. B. Rastogi) 26/5/06
Additional Director