



State Level Environment Impact Assessment Authority (SEIAA)

Andhra Pradesh

Government of India

Ministry of Environment & Forests

A-3, Industrial Estate, Sanathnagar, Hyderabad- 500 018.

REGD.POST WITH ACK.DUE

Order No. SEIAA/VSP-24/2009- 1038 -

Dt:21.07.2009.

Sub: SEIAA, AP - M/s. Toshali Cements Pvt. Ltd., Bayyavaram (V), Kasimkota (M), Visakhapatnam District - Environmental Clearance (Expansion) - Issued - Reg.

- I. This has reference to your letter dt. 25.02.2009, 22.04.2009, 08.05.2009 seeking Environmental Clearance for the proposed expansion of existing **Cement Grinding Unit** in the name of **M/s. Toshali Cements Pvt. Ltd., Bayyavaram (V), Kasimkota (M), Visakhapatnam District**. It is observed that there are no Archaeologically & Historically important sites within the study area of 10 km around the proposed site. The proposal has been examined and processed in accordance with EIA Notification, 2006. It is reported that nearest human habitation viz., Bayyavaram (V) exists at a distance of 1.0 km from the proposed site. The total land area is Ac 15.39. Out of that, area of Greenbelt is Ac 7.0; Builtup area and land for future expansion is Ac. 8.39. The capital investment of the project for expansion is Rs. 4.90 Crores. It is proposed to install a blender and a new Ball mill in the expansion project. It is noted that the production capacity of the project, for which Environmental clearance has been considered is as follows:

**Expansion of existing Cement Grinding unit
from 400 TPD (1,32,000 TPA) to 600 TPD (1,75,000 TPA).**

- II. In the process the raw materials (clinker, Gypsum, Blast Furnace Slag) are ground in a ball mill and blended to produce the Portland Slag cement.
- III. The State Level Expert Appraisal Committee (SEAC) examined the application, in its meetings held on 29.04.2009 and 30.05.2009. The Sub-committee constituted by the SEAC inspected the site on 07.05.2009. The Committee considered the project without public hearing as per Clause 7(ii) of EIA Notification, 2006 and recommended for issue of Environmental Clearance for expansion. The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on 08.06.2009 examined the proposal and the recommendations of SEAC. It was decided to issue prior EC for expansion. The SEIAA, A.P hereby accords **Environmental Clearance to the project** as mentioned at Para no. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following conditions/safeguards:

Handwritten notes and signatures:
- 29/7/09
K. M. S. Reddy
29/7/09

a) Air pollution:

- i At no time the particulate emissions from the grinding unit should exceed 50 mg/Nm³. The total dust from all the sections shall not exceed 400 mg/ Nm³. Adequate stack height shall be provided for the grinding unit and packing unit. The project proponent shall provide bag filters to grinding unit i.e. ball mill with 25% as spare capacity in order to control air pollution. Interlocking facility should be provided in the pollution control equipment so that in the event of the pollution control equipment not working, the feeding of raw materials is stopped automatically.
- 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 and to the Ministry's Regional Office at Bangalore half yearly.
- iii The company shall install adequate dust collection and extraction system to control fugitive dust emissions at various transfer points. Bag filters are to be provided at Raw material hoppers, Raw grinding ball mill, Raw meal Storage silos, packing sections. The dust collected from the pollution control equipment shall be recycled back into the process.
- iv Raw materials shall be transported in covered trucks. Storage of raw material shall be in closed roof sheds. Water spray system shall be provided all around the stockpiles and dust suppression system around the conveyor system. All the roads in the plant area shall be asphalted / concreted and water sprayed to reduce the fugitive dust emissions.
- v The project proponent shall develop a thick green belt to suppress any dust emissions in consultation with the local DFO. The area of the green belt shall be atleast 33% of the total area as per CPCB guidelines. The industry should reinforce the existing green belt by filling all the gaps with the following species:
 - Polyalthia pendula (Ashoka)
 - Leucaena leucocephala (Subabul)
 - Acacia auriculiformis (Australian Wattle)

b) Water Pollution:

- i The source of water is reported as ground water. The total water requirement for expansion of plant is 6.0 KLD. Out of that, 3.0 KLD for cooling makeup and 3.0 KLD for Domestic purpose. No effluent shall be discharged outside the factory premises and 'zero' discharge shall be adopted. Waste water generated from cooling makeup shall be recycled. Waste water generated from Domestic section of 2.0 KLD shall be sent to Septic tank followed by soak pit.

- ii The company must harvest the rainwater from the rooftops and storm water drains to recharge the ground water.

c) Solid Waste :

- i. The cement dust of 1000 Kg/day obtained from various pollution control devices shall be recycled and reused in the process.
- ii. The hazardous waste generated ie., waste lubricate oil from the proposed expansion shall disposed as per the Hazardous Wastes (Management and Handling) rules and its amendments thereof.

B. General Conditions:

- i. **This order is valid for a period of 5 years.**
- ii. "Consent for Establishment" shall be obtained from Andhra Pradesh Pollution Control Board under Air and Water Act before the start of any activity / construction work at site.
- iii. No change in the process technology and scope of working should be made without prior approval of the SEIAA, A.P.
- iv. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM, SPM, SO₂, Nox monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- v. The proponent shall submit half-yearly compliance reports in respect of the terms and conditions stipulated in this order in hard and soft copies to the SEIAA on 1st June and 1st December of each calendar year.
- vi. Data on ambient air quality (RPM, SPM, SO₂,Nox) should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the State Pollution Control Board/ Central Pollution Control Board once in six months.
- vii. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.

- viii. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- ix. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- x. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bangalore.
- xi. The Regional Office of MOE&F located at Bangalore monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/monitoring reports.
- xii. A copy of clearance letter shall be marked to concerned Panchayat/local NGO, if any, from whom suggestion / representation has been received while processing the proposal.
- xiii. State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Center and Collector's Office /Tehsildar's Office for 30 days.
- A || xiv. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, A.P.
- xv. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xvi. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xvii. The company shall undertake eco-development measures including community welfare measures in the project area.
- xviii. The proponent shall obtain all other mandatory clearances from respective departments.

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

Sd/-
MEMBER SECRETARY
SEIAA, A.P.

Sd/-
MEMBER
SEIAA, A.P.

Sd/-
CHAIRMAN,
SEIAA, A.P.

To

✓ Sri V.S.C. Bose (Executive Director),
M/s. Toshali Cements Pvt. Ltd., (Bayyavaram unit),
123/3RT, 2nd Floor, Sanjeeva Reddy Nagar,
Hyderabad- 500 038.

//T.C.F.B.O//


JOINT CHIEF ENVIRONMENTAL ENGINEER (CFE)

23/7/09

