



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/AP/VSP- 86/2013 661

Dt: 3-05-2013

Sub: SEIAA, A.P. – M/s. Madras Cements Ltd., (Vizag Cement Grinding Unit), Sy. No. 1, 13, 14, 17, Gobburupalem & Gobburu (V), Kasimkota (M), Visakhapatnam District – Environmental Clearance - Issued - Reg.

- I. This has reference to your application submitted vide letter dt. 29.11.2012 & subsequent lr. dt. 28.02.2013 seeking Environmental Clearance for the proposed **Cement plant** in the name of **M/s. Madras Cements Ltd., (Vizag Cement Grinding Unit), Sy. No. 1, 13, 14, 17, Gobburupalem & Gobburu (V), Kasimkota (M), Visakhapatnam District**. The nearest human habitation viz., Gobburupalem (V) exists at a distance of 0.5 km from the project site. The total area of the existing site is 43.46 Ha.; Green belt is 15.58 Ha. The total cost of the project is 360 Crores and the production capacity of the project is as following:

Cement - 0.95 Million TPA

- II. In the process the raw materials are blended in required proportion and ground in a ball mill to produce the cement. The raw materials for Ordinary Portland Cement (OPC) are clinker & gypsum; for Portland Pozzolona Cement (PPC) are clinker, gypsum & fly ash; & for Portland Slag Cement (PSC) are clinker, gypsum & slag.
- II. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof. The State Level Expert Appraisal Committee (SEAC) examined the application in its meetings held on 17.01.2013. Based on the information furnished, presentation made by the proponent and the consultant M/s. Ambiente Lab Solutions Pvt. Ltd., Chennai; copy of the minutes of the 36th meeting of EAC (industry-1) of the MoE&F, GOI, held on 24th & 25th May, 2012 w.r.t. guidelines regarding categorization of projects; the SEAC considered the project proposal and recommended for issue of Environmental Clearance. The State Level Environment Impact Assessment Authority (SEIAA), in its meetings held on 16.02.2013 & 09.04.2013 examined the proposal, the recommendations of SEAC, representation of villagers against the proposed project and EC orders issued by the MoE&F, GOI, New Delhi & Govts. of West Bengal & Tamilnadu. It was decided to exempt the project from the process of public hearing & consider the project under B2 category and issue prior Environmental Clearance to the project. 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:

A. Specific Conditions:

a) Air pollution:

- i Separate stacks each of height 60m & 45m shall be provided to Cement Mill & Packing Dept., respectively. The particulate emissions from the plant shall not exceed 50 mg/Nm³ at any time. Bag filters shall be provided to control emissions. The D.G. Sets shall be provided with a stack of height 46m, as committed in the presentation.
- ii Sampling Port with removable dummy of not less than 15cm diameter in the stack at a distance of 8 times the diameter of the stack from the nearest constraint such as bends etc., shall be provided to monitor stack emissions.
- iii On line Ambient air quality Monitoring Stations shall be installed. Energy meters shall be installed for all pollution control systems.

- iv 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 APPCB and report submitted to the Board and to the Ministry's Regional Office at Bangalore half yearly.
- v Raw materials and products shall be transported in covered trucks. Storage of raw material shall be in roof sheds. Water spray system shall be provided all around the stockpiles and dust suppression system around the conveyor system. All the conveyor belts shall be covered with G.I. Sheets. All the roads in the plant area shall be asphalted / concreted and water sprayed to reduce the fugitive dust emissions.
- vi In-plant control measures for checking fugitive emissions from all the vulnerable sources like spillage/raw materials handlings etc. shall be provided. Further, specific measures like provision of adequate dust suppression & extraction system consisting of water sprinkling, suction hoods, fans and bag filters etc. shall be installed at material transfer points, and other raw material handling areas. Fugitive emissions shall be regularly monitored and records maintained.
- vii 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.
- viii The project proponent shall develop a thick green belt of width 10m along the boundary & at vacant places in the plant, with appropriate species to suppress any dust emissions in consultation with the local DFO. The area of the green belt shall not be less than 15.58 Ha.

b) Water Pollution:

- i The source of water is Borewell. The total water requirement shall not exceed 100 KLD. Out of that 60 KLD is utilized for equipment cooling; 5.0 KLD for Dust suppression; 20 KLD for development of greenbelt and 15 KLD is utilized for domestic purpose.

No effluent shall be discharged outside the factory premises and 'zero' discharge shall be adopted. Waste water generated from Domestic section of shall be sent to Septic tank followed by dispersion trench.

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

c) Solid Waste :

- i. Dust generated from the Bag filters shall be completely recycled. Waste oils & used oils generated from the plant shall be disposed as per the Hazardous wastes (Management and Handling) transboundary rules and its amendments thereof to the recyclers authorized by APPCB.

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. Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as safe drinking water, fuel for cooking, mobile toilets, mobile STP, medical health care, crèche etc., The housing may be in the form of temporary structures to be removed after the completion of the project. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.
- iv. No change in the process technology and scope of working should be made without prior approval of the SEIAA, A.P. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, AP/ MoE&F, GoI, New Delhi, as applicable.

- 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; and CCF, Regional office of MoE&F, GoI, Bangalore on 1st June and 1st December of each calendar year.
- vi. Officials from the Regional Office of MoE&F, Bangalore who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the CCF, Regional Office to MoE&F, Bangalore.
- vii. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for 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.
- viii. Data on ambient air quality 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.
- ix. 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.
- x. 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.
- xi. 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.
- xii. The funds earmarked for environmental protection measures (Capital cost of Rs 4.5 crores & Recurring cost of Rs. 5.0 lakhs/annum); & CSR activities (Rs. 20.0 Lakhs), as committed in presentation 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.
- xiii. The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- 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. This order shall be displayed in the website of the project proponent.
- 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. The company shall undertake eco-development measures including community welfare measures in the project area.
- xvii. The proponent shall obtain all other mandatory clearances from respective departments.
- xviii. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
- xix. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

- xx. Concealing the factual data or 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.
- xxi. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xxii 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

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Jt. Chief Environmental Engineer
(UH-I)