



**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY,  
BIHAR**

**Ref No.**

**Patna-23, dated:-**

**From,**

**Prof. R. C. Sinha**  
Chairman,  
SEIAA, Bihar

**To,**

**Shri Vijay Kumar,**  
**Managing Director,**  
**204, Uma Vihar Apartment,**  
**Mulchand Path;**  
**New Chitragupt Nagar,**  
**Kankarbagh,**  
**District – Patna, State – Bihar.**  
**Pin - 803 201.**

**Sub: Environmental Clearance for the proponent “ULTRA STRONG CEMENT PVT. LTD., (Cement Grinding Unit) Village – Fathua Industrial Area, Tehsil – Fatuha, District- Patna, State- Bihar.”**

**Sir,**

This has reference to your application submitted vide letter dated 30<sup>th</sup> April 2015 for environmental clearance, your final EIA application was appraised by SEAC in its meeting held on 02<sup>nd</sup> July, 2016 as per EIA Notification, 2006 and its amendment thereof. On the recommendation of SEAC, SEIAA in its meeting held on 12<sup>nd</sup> July, 2016 accords Environmental Clearance with the following conditions. The salient features of the Project are as follows:-

<b>Particular</b>	<b>Details</b>
Name of the Project	ULTRA STRONG CEMENT PVT. LTD., (Cement Grinding

	Unit)
Proponent Name	Sri Vijay Kumar (Managing Director)
Registered Address	204, Uma Vihar Apartment, Mulchand Path; New Chitragupt Nagar, Kankarbagh, District – Patna, State – Bihar. Pin - 803 201
Location of the Site	Village – Fathua Industrial Area, Tehsil – Fatuha, District- Patna, State- Bihar.
Schedule & Category	3 (b) Cement Plant and Category 'B'
Geo-Coordinates of the Project Site	Latitude- 25° 30' 20.19" N Longitude- 85° 19' 0.49" E
Land Area	0.46 Acres.
Installed Production Capacity	0.06 MTPA
Raw Material	Clinker -35,400 Ton/Annum (Katni Satna (M.P.) & Varanasi (U.P.) flyash – 14,400 Ton/Annum (N.T.P.C. Barh, Kahalgaon & Nabinagar) Gypsum – 3000 Ton/Annum (Bokaro, Orrisa & Silliguri) Iron Slag – 7200 Ton/Annum (Nearby Iron Industries, Jharkhand & West Bengal)
Water Requirement	15 KLD
Source of Water	Bore Well/Tubewells
Fuel Requirement	Diesel :- 150 ltrs./Day (for running of DG set in Case of emergency)
Power Requirement	0.5 MW KVA

Total Cost of the Project	₹ 4,59,00,000/-
Green Belt Area	0.15 Acres (33% of the total land Area)
Man Power	60

**A. Specific Conditions:**

- i. The gaseous emissions from various process units should conform to the load/mass based standards prescribed by the Ministry of Environment & Forests and the State Pollution Control Board from time to time. At no time the emission level should go beyond the prescribed standards.
- ii. Cement grinding shall be carried out in closed cement mill. Further, provision of dust extraction and pollution control system consisting of highly efficient Bag Filters and ID Fan should be provided for Cement for Cement Mill, Clinker Silo, Fly Ash Storage Silo, Cement Silo, Wagon and Gypsum Crushing Plant with adequate stack height. Stack emissions shall be monitored at regular intervals and records maintained.
- iii. The stack emission from various sources shall not exceed 50 mg/Nm<sup>3</sup> as per the MoEF&CC notification G.S.R. 46(E) dated 03-02-2006.
- iv. Transportation of fly ash to the plant should be brought through tankers and stored in silo without any air pollution at transfer point.
- v. Regular monitoring of the air quality shall be carried out in and around the plant and records shall be maintained.
- vi. Adequate dust suppression and extraction system should be provided in material storage areas, material loading/unloading areas and transfer points for controlling fugitive emission. Fugitive dust emissions from ball mill and storage areas shall be collected in bag filters and recycled back to the process.
- vii. Regular water sprinkling should be done on the roads inside the plant and other high potential areas to control the fugitive dust emission.
- viii. Suction head should be provided at all transfer dust emission.

- ix. Groundwater shall not be abstracted without prior permission of competent authority i.e., Central Ground Water Commission Board if applicable.
- x. Process effluent discharge is not permitted. No waste water will be generated from production process by adoption of dry grinding process. Cooling water will be recycled in the process, if any.
- xi. Clinker manufacturing is not permitted under this environmental clearance.
- xii. Solid waste viz. dust generated shall be properly recycled and reutilized in the process itself.
- xiii. The unit must develop a separate water body to harvest rain water so as to use the stored water for serving partial requirement of plant as also to use for plantation, firefighting, washing & cleaning etc. Recharging of ground water is not permitted.
- xiv. Green belt shall be developed in and around the plant premises. Green belt to be developed at least 33% of the project area. Selection of appropriate species for the plantation programme may be done in consultation with the Environment & Forest Deptt., Bihar.
- xv. Ambient noise level should not exceed the permissible limit. 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 should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dB (A) (daytime) and 70 dB (A) (nighttime) and its subsequent amendments.
- xvi. Generators must be housed in acoustic enclosure and should meet the CPCB norms.
- xvii. All internal roads should be concrete /pitched. Proper lighting and proper pathway inside the factory premises should be constructed to ensure safe vehicular movement. Provision of separate pathway for entry and exit of vehicles should be considered. Vehicles should conform to pollution under control (PUC) norms. Proper House Keeping shall be maintained within the premises. Solar lighting should be used as far as practicable.

- xviii. Health and safety of workers should be ensured. Workers should be provided with adequate personnel protective equipment and sanitation facilities. Occupational Health Surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- xix. Adequate measures to be adopted to ensure industrial safety.
- xx. The implementation and monitoring of Environmental Management Plan should be carried out, as proposed.

**B. General Conditions:**

- i. The project proponent shall comply with all the environmental protection measures and safeguards recommended. Further, the unit must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes and health care, etc.
- ii. All the conditions, liabilities and legal provisions contained in the E.C shall be equally applicable to the successor management of the project in the event of the project proponent transferring the ownership, maintenance of management of the project to any other entity.
- iii. All the labourers to be engaged for construction works should be screened for health and adequately treated before issue of work permits.
- iv. The project proponent should make financial provision in the total budget of the project for implementation of the environmental safeguards. The project authorities will provide requisite funds both recurring and non-recurring to implement the conditions stipulated by the SEIAA along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purpose.
- v. No further expansion or modifications in the plant should be carried out without prior approval of the State Environmental Impact Assessment Authority Bihar.
- vi. The Bihar State Pollution Control Board, who would be monitoring the implementation of environmental safeguards, should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A

six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to BSPCB and Regional Office of MoEF&CC regularly. A complete set of all the documents should also be forwarded to the State Environmental Impact Assessment Authority Bihar. This report shall also put on the website of the Company and also regularly be updated.

- vii. In the case of any changes(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA.
- viii. The State Level Environment Impact Assessment Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time-bound and satisfactory manner.
- ix. The project Proponent should inform the public that the project has been accorded environmental clearance by SEIAA and copies of the clearance letter are available with the SEIAA Secretariat and may also be seen at Website. This should be advertised by the project proponent within seven days from the widely circulated in the region of which one shall be in the vernacular language of the locality concerned.
- x. Prior Consent-to-Establish (NOC) for the proposed project must be obtained from BSPCB before commencement of construction. All other statutory clearances should be obtained by project proponent from the competent authorities.
- xi. The environmental clearance accorded shall be valid for a period of 5 years for the proposed project. The above stipulations would be enforced along with those under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991, the Environment Impact Assessment Notification, 2006 and their amendments.

- xii. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal (NGT), if preferred within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act, 2010.

Sd/-  
**(Prof. R.C. SINHA)**  
Chairman,  
SEIAA, BIHAR

*CHAIRMAN*  
STATE ENVIRONMENT IMPACT  
ASSESSMENT AUTHORITY  
(SEIAA) BIHAR

Memo No: 305

Patna-23, dated:- 13/7/16

Copy forwarded to:

1. The Principal Secretary, Environment & Forests, Deptt. Govt. of Bihar, Sinchai Bhawan, Patna.
2. The Chairman, Bihar State Pollution Control Board, Patna-23
3. The Chairman, SEAC, Bihar
4. The Chairman, Central Pollution Control Board, Delhi.
5. The Advisor, (EIA), Indira Paryavaran Bhawan, JorBagh Road, Aliganj, New Delhi-110003
6. Guard file.

*R.C. Sinha*

(Prof. R.C. SINHA)

Chairman,

SEIAA, BIHAR

CHAIRMAN

STATE ENVIRONMENT IMPACT

ASSESSMENT AUTHORITY

(SEIAA) BIHAR