

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Government of India

(Ministry of Environment & Forests)

Sheikh-ul-Alam Campus, Rajbagh, Srinagar

✓ M/S Uma Cement Industries,
Battal Ballian, IInd Centre,
Udhampur.

Order No. 03 of SEIAA/2013
Dated: 18-5-2013

Subject:-SEIAA/MS/2013/ 341-44

Dated : 18-05-2013

Subject: - Environmental clearance for expansion/enhancement of the capacity from 225 TPD to 295 TPD (Manufacturing of cement) under the name & style of M/S Uma Cement Industries, Battal Ballian, Udhampur.

1. This has reference to your application along with other documents submitted for seeking Environmental Clearance for expansion/enhancement of capacity on 15.10.2012 under Environment Impact Assessment Notification, 2006:-
2. The SEAC has examined the proposal M/S Uma Cement Industries, Battal Ballian, Udhampur for expansion/enhancement of the capacity from 225 TPD to 295 TPD (Manufacturing of cement)The total cost of the project Rs.598.90 lacs and the budget for pollution control measures will be 10% of the project cost.
3. State Expert Appraisal Committee has recommended the proposal vide no. Secy/SEAC/09-10/17-II/152 dated 25.4.2013 for accord of Environmental Clearance.
4. The State Environment Impact Assessment Authority hereby accords Environmental Clearance to the above project under Environment Impact Assessment Notification, 2006 subject to strict compliance of the following specific and general conditions.
 - A. **SPECIFIC CONDITIONS**
 - i. PCD's in existing plant shall be augmented and homogenized with the equipments to be placed in the expansion.
 - ii. Expansion of the unit shall not involve erection of any civil work or placement of any additional plant, machinery or equipment, other than the civil works, placement of additional plant, machinery or equipments as envisaged in the Project report.
 - iii. The gaseous emissions from various units shall conform to the standards prescribed by the State Pollution Control Board or by the Ministry, whichever is stringent. Bag filters and Electrostatic Precipitation of highest efficiency shall be installed and Particulate Emissions from the cement plant shall be less than 50mg/Nm³. Particulate emissions from DG House will be restricted to 40 mg/Nm³.

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- iv. The unit shall use the high calorific hazardous waste generated by other units in the kiln as fuel. The relevant design factors shall be incorporated at this stage itself.
 - v. In the jaw crusher and Ball Mill, Reverse Pulse jet bag filters, bag house & flush mounted bag filters and ESP shall be installed for control of Air Pollution from these units as per norms.
 - vi. Continuous online monitoring of particulate emissions SO₂ and NO_x shall be done and necessary arrangements for submission of real time emission data to PCB website.
 - vii. Regular Ambient Air Quality Monitoring shall be carried out. The location of the existing monitoring stations will be reviewed in consultation with the State Pollution Control Board and additional stations will be installed, if required. It will be ensured that at least one monitoring station is set up in up-wind and in down wind direction along with those in other directions. On-line data for air emissions shall be transferred to the C.P.C.B. and J&K Pollution Control Board regularly. The instruments used for ambient air quality monitoring shall be calibrated regularly.
 - viii. Fugitive emissions shall be less than 500 mg/m³. Wet Scrubber Bag filters shall be provided for stacks and regular monitoring of fugitive emissions shall be carried out by the unit as per the C.P.C.B. guidelines.
 - ix. Raw material shall be stored in covered area whereas clinker shall be stored in silos or in a dome with all round high sidewalls to control fugitive emissions. Fugitive emissions from cement mill, packing area and coal yard shall be controlled.
 - x. Vacuum dust cleaning system will be provided to evacuate dust on floors. All roads will be swept with sweeping machines. Material will be transported in tippers, covered trucks, covered containers, covered rail wagons etc., Dust collectors and extraction system (suction apparatus) shall be installed to control fugitive dust emissions at coal and lime stone unloading points, at all the transfer points, stockpiles to arrest release of dust.
 - xi. Fly ash shall be loaded to silo from capsule trucks by air pressure through close pipeline as undertaken.
 - xii. Windbreakers will be installed to restrict fugitive dust.
 - xiii. Water sprinkling arrangement should be made in the raw material stock yard and suction system for cement bag loading areas. Regular water sprinkling shall be carried out at all areas where fugitive dust can be generated.
 - xiv. Acoustic enclosures will be provided at all high noise equipment and place to limit the noise levels below 75 dBA.
 - xv. The waste water generation shall not exceed 15% of the water consumed which shall be treated and recycled/reused in cement plant for making-up cooling, dust, suppression, other plant related activities and green belt development. No waste water will be released outside the premises. "Zero" discharge shall be strictly adopted. During monsoon, the waste water will be stored in the mine pit.
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- xvi. The entire domestic effluent generated from the unit premises will be reused, after treatment, in the cement plant for cooling/plantation/gardening purpose. The treated water and sludge will also be used for green belt development.
- xvii. The Company shall strictly follow all the recommendations mentioned in the charter on Corporation Responsibility for Environmental Protection (CREP).
- xviii. Green belt shall be developed in consultation with concerned DFO and it will be as per C.P.C.B. guidelines. At least two rows, one tall on the outer side while as one short row broad leaved trees on inner side shall be developed as per plan submitted.
- xix. The company shall harvest surface as well as rainwater from the rooftops of the buildings proposed in the project and storm water drains to recharge the ground water and use the same water for the various activities of the project to conserve fresh water.
- xx. The Company will have an occupational Health & Safety Programme and regular medical checkups shall be undertaken for the employees and workers. Protective gear like helmet, masks, gloves etc., shall be provided to the workers.
- xxi. Rs. 10.00 Lacs as capital cost and adequate funds for recurring cost/annum will be earmarked for environmental protection measures to meet and shall be used judiciously to implement the conditions stipulated by the Ministry of Environment & Forests as well as the State Government. The funds so provided shall not be diverted for any other purpose.
- xxii. Studies on noise dosimetry and audiometry to assess the noise induced hearing loss in case of exposed employees shall be carried out and the appropriate ameliorative measures shall be taken, wherever necessary.

B. GENERAL CONDITIONS:

- i. The Unit holder must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment & Forests/SEIAA a case may be.
- iii. The project proponent shall also comply with all the Environmental protection/measures and safeguards recommended in the EMI report.
- iv. Industrial waste water shall be properly collected and treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May, 1993, 31st December, 1993 and as amended from time to time. The treated waste water shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be limited within the prescribed standards by providing noise control measures including acoustic hood, silencers, enclosures etc., on all sources of noise generation.

- vi. Proper Housekeeping and adequate occupational health programme shall be taken up. Regular occupational Health Surveillance Programme shall be carried and records shall be maintained properly for at least 30-40 years. The programme shall include lung function and sputum tests done in six months. Sufficient preventive measures shall be adopted to avoid direct exposure to dust etc.,
- vii. A separate environment management cell with full fledged laboratory facilities to carry out various management and monitoring functions shall be set up under the control of a Senior Executive.
- viii. The concerned Regional Office of the Ministry/State Pollution Control/Central Pollution Control Board shall monitor the implementation of the stipulated conditions. Six monthly compliance status report and monitoring data along with statistical interpretation shall be submitted to them regularly and will be placed on the web site of the Company.
- ix. The project proponent should advertise in at least two local newspapers widely circulated in the region round the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the State Pollution Control Board. The advertisement should be made within 7 days from the date of issue of the clearance letter.
- x. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. Compliance of the requirements of Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981 the Environment (Protection) Act, 1986, the Liability Insurance Act, 1991, Hazardous Waste (Management & Handling) Rules, 1989 along with their amendments and rules shall be ensured before putting the unit in operation.
- xi. **The Environmental Clearance is valid for five years from the date of issue.**


18.5.2013
Member Secretary
S.E.I.A.A

Copy to the:

1. Chairman, J&K State Pollution Control Board, Jammu.
 2. The Conservator of Forests (C), Ministry of Environment & Forests, Northern Regional Office, Bay No. 24-25, Section 31-A, Dakshin Marg, Chandigarh-160030.
3. Secretary, SEAC Jammu for information. This is in reference to your no. SECY/SEAC/12-13/109 dated 14.2.2013.