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ANNEXURE NO - 02 XIV

sbolar@everestind.com

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From: Y.S.Rao <ysrao@everestind.com>

To: ecomen <nikeeta@sanchamet.in>

Cc: ecomenks@yahoo.co.in, Bhupesh Juneja <bjuneja@everestind.com>, sbolar@everestind.com

Subject: Fw: Subject : Asbestos Cement Sheet project at Lakesari, Rurki, Haridawar, Uttranchal by M/s Everest Industries Ltd.

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— Original Message —

From: pb.rastogi@nic.in

To: ysrao@everestind.com

Cc: infor@everestind.com

Sent: Wednesday, February 21, 2007 8:24 PM

Subject: Subject : Asbestos Cement Sheet project at Lakesari, Rurki, Haridawar, Uttranchal by M/s Everest Industries Ltd.

No. J-1/011/310/2006 - IA II (I)

Government of India

Ministry of Environment & Forests

I. A. Division

Paryavaran Bhavan

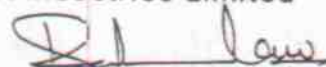
CGO Complex, Lodi Road

New Delhi - 110 003

E-mail : pb.rastogi@nic.in

Telefax : 2436 7668

For Everest Industries Limited



B. SESHARAO
Vice President (Works)

Dated 22nd February, 2007

To,

Shri Y. Srinivas Rao

President (Operations)

M/s Everest Industries Ltd.

Everest House

E-62, Greater Kailash Part - I

New Delhi - 110 048

E-mail : ysrao@everestind.com / infor@everestind.com

Fax No. : 011 - 29240006

Subject : Asbestos Cement Sheet project at Lakesari, Rurki, Haridawar, Uttranchal by M/s Everest Industries Ltd.

Sir,

This has reference to your letter no. EIL/RW/MoEF/01 dated 5th September, 2006 on the above mentioned subject alongwith Questionnaire, Detailed Project Report and EIA/EMP and subsequent communication dated 18th September, 2006, 25th October, 2006, and 6th November, 2006 seeking environmental clearance under the Environmental Impact Assessment Notification, 1994. The Ministry of Environment & Forests has examined the application. It is noted that M/s Everest Industries Ltd. have proposed a new green field Fibre Cement Sheet Plant at Lakesari Industrial Area, Bhawanpur, Roorkee, Uttranchal to manufacture Asbestos Cement Corrugated (ACC) sheets (1,80,000 MT), Fibre Cement Roofing Flat Sheets (72,000 MT), Rapid Construction Panel Module Panels (RAPICON, 16,100MT) and Light Gauge Steel Frames (LGSF, 2,500 MT). Total land acquired for the project is 20.8 acre.

2.0 APCS will be installed to control fugitive and air emissions at cement, fly ash, and asbestos fibre handling area. Ground water requirement from the tube wells will not exceed 266 m³/d as per the 'permission' accorded by the Central Ground Water Authority. No effluent will be generated and wastewater will be recycled and reused in the process or for green belt development.

3.0 Public hearing was held on 31st July 2006. No Objection Certificate has been accorded by Uttranchal Environmental Protection and Pollution Control Board (UEP & PCB) vide letter no. UEPPCB/HO/NOC-733/06-1295 dated 25th October, 2006. Total cost of the project is Rs. 63.22 Crores.

The Ministry of Environment and Forests hereby accords environmental clearance to the above unit under the EIA Notification dated 14th September, 2006 subject to the compliance of the terms and conditions mentioned below :

A. SPECIFIC CONDITIONS :

- i. The project proponent shall adhere to the prescribed BIS standards and laws regarding use and handling of asbestos, safety of employees etc. Raw materials like asbestos fibre and cement shall be transported in closed containers. Asbestos fibre shall be brought in palletized form in impermeable bags and under compressed condition.
- ii. Only Chrysotile white asbestos fibre shall be used. Blue asbestos shall not be utilized as raw material in the manufacturing process. A written commitment in this regard shall be furnished within a period of one month. ←
- iii. There shall be no manual handling/opening of asbestos fiber bags. The company shall install fully automatic asbestos fiber debagging system before commissioning the unit.
- iv. Fugitive emissions shall be controlled by bringing cement in closed tankers, fly ash in covered trucks and asbestos in impervious bags opening inside a closed mixer. Bag filters shall be provided at bag opening, bag shredder, fibre mill and to cement silo. Fugitive emissions generated from hopper of Jaw crusher and Pulverizer shall be channelized through hood with proper suction arrangement, bag filter and stack. Proper air pollution control system shall be installed to control fugitive and air emissions at cement, fly ash, and asbestos fibre handling area.
- v. The Company shall comply with total dust emission limit of 2 mg/Nm^3 as notified under the Environment (Protection) Act, 1986. Adequate measures shall be adopted to control the process emission and ensure that the stack emission of asbestos fibre shall not exceed the emission limit of 0.2 fibre/cc . Asbestos fibre in work zone environment shall be maintained within 0.1 fibre/cc .
- vi. Bags containing asbestos fibre shall be stored in enclosed area to avoid fugitive emissions of asbestos fibre from damaged bags, if any. The cut and damaged fibre bags shall immediately be repaired. Piling of AC sheets shall be done in wet condition only.

vii. Proper house keeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems shall be laid in accordance with Factories Act. Better house keeping practices shall be adopted for improvement of the environment within the work environment also. These include:

- (a) All monitoring transfer points shall be connected to dust extraction system.
- (b) Leakages or dust from machines and ducts shall be plugged.
- (c) Floor shall be cleaned by vacuum cleaner only.
- (d) Enclosed belt conveyer shall be used instead of manual transportation of asbestos within the premises.
- (e) Cement and fly ash should be stored in silos.

viii. Regular measurement of pollutants (SPM, asbestos fibre count) in the work zone area and stack(s) shall be undertaken by the Project proponents. In addition, the asbestos fibre count in the work zone area shall be monitored by an Independent monitoring agency like NIOH / ITRC / NCB or any other approved agency and reports submitted to the Ministry's Regional Office at Lucknow / UEP & PCB and CPCB.

ix. Total water requirement from ground water shall not exceed $266 \text{ m}^3/\text{d}$ as per the permission accorded by the Central Ground Water Authority (CGWA). All the recommendations of the CGWA shall be implemented in time bound manner. All the treated effluent shall be recycled and reused in the process. No process water shall be discharged outside the premises and 'zero' discharge shall be maintained. All the domestic wastewater shall be treated in the Sewage Treatment Plant (STP) and used for green belt development.

x. The Company shall ensure that the entire solid waste generated including process rejects, cement, fly ash, dust from bag filters and empty asbestos bag shall be recycled in the manufacturing process. Process sludge shall be 100% recycled and reused in the process. Hazardous waste shall be ground in dust proof pulverizer with integrated bag filter and recycled back to the process. Asbestos fibres which can not be further recycled due to contamination of iron dust shall be stored in HDPE lined secured landfill. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard Code. The sludge from STP shall be used as manure for green belt development.

- xi. Regular medical examination of the workers and health monitoring of all the employees shall be carried out and if cases of asbestosis are detected, necessary compensation shall be arranged under the existing laws. A competent occupational health physician shall be appointed to carry out medical surveillance. Occupational health of all the workers shall be monitored for lung function test, chest x-ray, sputum for acid-fast-bacilli (AFC) and asbestos body (AB), urine for sugar and albumen, bloat tests for TLC, DLC, ESR, Hb and records maintained for at least 40 years from the beginning of the employment or 15 years after the retirement or cessation of employment whichever is later. Occupational Health Surveillance shall be carried out as per the directives of the Hon'ble Supreme Court.
- xii. To educate the workers, all the work places where asbestos dust may cause a hazard shall be clearly indicated as a dust exposure area through the use of display signs which identifies the hazard and the associated health effects.
- xiii. The company shall also undertake rain water harvesting measures and plan of action shall be submitted to the Ministry of Environment and Forests within three months.
- xiv. Green belt shall be developed in 5.25 acres (33 %) out of total 20.8 acre land with local species in consultation with DFO as per CPCB guidelines., green belt will be developed in.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Uttaranchal Environmental Protection and Pollution Control Board (UEP & PCB) and the State Government.
- ii. No further expansion/modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management & Handling) Rules, 2003.

- iv. The project proponent shall also comply with safeguards recommended in the EIA/EMP Report.
- v. The project authorities shall set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.
- vi. As mentioned in the EIA/EMP, Rs. 180.00 Lakhs and Rs. 27.70 Lakhs kept towards capital cost and recurring cost/annum for 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. An implementation schedule to comply with all the conditions stipulated herein shall be submitted to the Ministry's Regional Office at Lucknow / CPCB / UEP & PCB. The funds so provided shall not be diverted for any other purposes.
- vii. The Regional Office of this Ministry at Lucknow / CPCB / UEP & PCB shall monitor the stipulated conditions. A six monthly compliance status report and the monitored data alongwith statistical interpretation shall be submitted to them regularly.
- viii. 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 UEP & PCB / 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 at Lucknow.
- ix. The Project Authorities shall 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, if any.

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

6.0. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner will implement these conditions.

7.0. 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, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

(Dr. P. B. Rastogi)

Additional Director

Copy to :

1. Secretary, State Department of Environment, Government of Uttaranchal, Dehradun, Uttaranchal.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
3. The Chairman, Uttaranchal Environmental Protection and Pollution Control Board, E-115, Nehru Colony, Dehradun, Uttaranchal.
4. The Chief Conservator of Forests, Regional Office (Central Region), Kendriya Sadan, Sector H, 5th Floor, Aliganj, Lucknow - 226 024, U.P.
1. JS (CCI-I), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi. - 110003.
2. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
3. Guard file.
4. Record file
5. Monitoring file.

(Dr. P. B. Rastogi)

Additional Director