

No.J-11011/30/2000 IA II (I)
Government of India
Ministry of Environment & Forests
I.A. Division

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Lodi Road, New Delhi-110 003

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Dated: December 9, 2003

To

The Vice President(Mfg)
M/s Everest Industries Limited
Ashok Bhavan
93, Nehru Place, Post Box-3
New Delhi-110019

**Sub: Expansion of Asbestos corrugated sheets and paneling material unit by
M/s Everest Industries Limited from 44,000 TPA to 102662 TPA at
Nasik , Maharashtra -Environmental Clearance reg.**

Sir,

This has reference to your letter no L/RS/DNT/1045/00 dated 30th May, 2000 seeking environmental clearance for the above project along with EIA/EMP report and subsequent communications dated 20th July, 2000, 17th October, 2000, 1st December, 2000, 16th January, 2001 and 12th November, 2003. Ministry of Environment & Forests has examined your application. It is noted that the proposal involves expansion of asbestos cement corrugated sheets and paneling material unit from 44,000 TPA to 102,662 TPA in the existing unit located at village Nasik district in Maharashtra. The company has already acquired 12.3 ha. of land for the existing unit. No additional land is required for the expansion. The water requirement of 528.5m³/d will be met from the ground water. There will be no generation of solid waste. The process rejects, dust from bag filters and shredded asbestos bags will be pulverized and the entire waste material will be reused in the manufacturing process. NOC from Maharashtra State Pollution Control Board was obtained on 6th September, 1996. The Public Hearing Panel has considered the case in the meeting held on 13th January, 2000. Total cost of the project is Rs.25.03 crores.

2. The Ministry of Environment and Forests hereby accords environmental clearance to the above project under the EIA Notification, 1994 as amended subsequently 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.

- ii. Blue asbestos should not be utilized as raw material in the manufacturing process. A written commitment in this regard should be furnished within a period of one month.
- iii. There should be no manual handling/ opening of asbestos fiber bags. The company should install well designed fully automatic asbestos fiber debagging system connected by interlock to dust collector and ensure that serrated cutter should not be used to prevent the spilling of fiber.
- iv. The company shall comply with total dust emission limit of $2\text{mg}/\text{Nm}^3$ as notified under the Environment (Protection) Act, 1986. Adequate measures should be adopted to control the process emission and ensure that the discharge of asbestos fibre does not exceed the emission limit of $0.2 \text{ fiber}/\text{cc}$. Further, in the work zone area the fibre count should not exceed $0.5 \text{ fibre}/\text{cc}$.
- v. The air pollution control measures such as bag filters should be interlocked with the manufacturing process. In the event of failure of any pollution control system, the unit should be put out of operation immediately and should not be restarted until the control system is rectified to achieve the desired efficiency.
- vi. Bags containing asbestos fibre should be stored in enclosed area to avoid fugitive emission of asbestos fibre from damaged bags, if any.
- vii. Regular measurement of pollutants (SPM, asbestos fibre count) in the work zone area and stack (s) should be undertaken. In addition, the asbestos fibre count in the work zone area should be monitored by an Independent Monitoring Agency like NIOH, ITRC/NCB etc on a six- monthly basis. The monitored data should be submitted to the SPCB once in three months and to this Ministry every six months.
- viii. As reflected in the EMP, there will be no discharge of process effluent. The entire process effluent should be reused/recycled in the manufacturing process. The domestic wastes should be adequately treated in a sewage treatment plant and used for green belt development.
- ix. The company will ensure that the entire solid waste generated including process rejects, dust from bag filters and empty asbestos bag will be reused in the manufacturing process. The disposal facilities for asbestos waste should be in accordance with the Bureau of Indian Standard Code.
- x. Regular medical examination of workers and health monitoring of the employees should be carried out and record maintained. A competent occupation health physician should be appointed to carry out medical surveillance. The occupational health monitoring must be strengthened to include periodic (six months) sputum test along with pulmonary test supplemented by x-ray test annually. The company should also provide medical and health care facilities at the work place and if cases of asbestosis detected necessary compensation should be arranged under the existing laws.

- xi. To educate the workers , all the work places where asbestos dust may cause a hazard should be clearly indicated as an dust exposure area through the use of display signs which identifies the hazard and the associated health effects.
- xii. The company should also undertake water-harvesting measures and plan of action should be submitted to MOEF within three months.
- xiii. As per the policy decision taken vide this Ministry's circular no. J-21011/8/98-IA II (I) dated 14th May, 2002, 23rd June, 2003 and 17th September, 2003 the company should earmark 2% of the total cost of the project (i.e. Rs.25.03 crores as mentioned in the questionnaire) eco-development measures including community welfare measures in the project area. The amount should be deposited within three months in a separate account to be maintained by the Maharashtra Pollution Control Board. The plans in this regard should be submitted to the Ministry as well as SPCB within three months of issue of this letter. After approval of action plan by the GPCB, the amount deposited will be released in two instalments based on implementation . The MPCB should ensure that implementation of action plan for eco development measures is completed within two years from the date of their approval.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Maharashtra State Pollution Control Board and the State Government.
- ii. No further expansion/ modifications in the plant should 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. Green belt of adequate width and density should be provided to mitigate the effects of fugitive emission all around the plant. A minimum of 25% of the total land acquired should be developed as green belt in consultation with the local DFO.
- v. The project proponent shall also comply with all the recommendations made by the Public Hearing Panel and safeguards recommended in the EIA /EMP Report.
- vi. The project authorities will set-up a separate environmental management cell for effective implementation of all the above stipulations under control of Sr. Executive.
- vii. The project authorities will provide adequate funds both recurring and non-recurring to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.
- viii. The Regional Office of this Ministry at Bhopal/ Central Pollution Control Board/State Pollution Control Board will monitor the stipulated conditions. A six monthly compliance status report and the monitored data along with statistical interpretation should be submitted to them regularly.

- ix. The Project Proponent should inform the public 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/ Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This should 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.
- x. The Project Authorities should 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.

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


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

5.0. 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. L. Ahujarai)
Additional Director

Copy to:-

1. The Secretary, Department of environment and forests, Govt. of Maharashtra.
2. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office, E - 3 / 240 Arera Colony Bhopal - 462 016.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar New Delhi - 110 032.
4. The Chairman Maharashtra Pollution Control Board, Shri Chatrapati Shivaji Maharaj Municipal Market Building, 4th Floor, Mata Ramabal Ambedaker Road, Mumbai- 400 001.
5. Sr. Adviser (EI division), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
6. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.
7. Guard File.
8. Monitoring File.
9. Record File.


(Dr. P. L. Ahujarai)
Additional Director