

**F. No. J-11011/342/2012-IA II (I)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(I.A. Division)

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Dated: 11<sup>th</sup> August, 2016  
12<sup>th</sup>

To  
✓ **M/s Everest Industries Limited**  
D-206, Sector-63, Noida  
Uttar Pradesh-201301.

**Subject: Expansion of Asbestos Fibre Cement Sheet Manufacturing Plant (from 14500 T/M to 30000 T/M) by M/s Everest Industries Limited, located at Podanur, District Coimbatore, Tamil Nadu – Environmental Clearance regarding.**

Sir,

This has reference to your online application No. IA/TN/IND/4372/2016 dated 21<sup>st</sup> April, 2016 along with copies of EIA/EMP report seeking environmental clearance under the provisions of the EIA Notification, 2006 for the project mentioned above. The proposal was initially received in the Ministry on 17.09.2012 for obtaining Terms of Reference (TOR) as per EIA Notification, 2006. The ToRs to the project was awarded by the Ministry of Environment, Forest and Climate Change vide letter No. J-11011/342/2012-IA.II (I) dated 23<sup>rd</sup> April, 2013. Based on the TORs prescribed to the project, the project proponent submitted an application for environmental clearance to the Ministry online on 21<sup>st</sup> April, 2016. The existing project was accorded environmental clearance by the Ministry vide letter No. J-11011/673/2007-IA-II(I) dated 22<sup>nd</sup> February, 2008. The compliance report has been submitted by the Regional Office, Chennai on 30.06.2015.

2.0 The Ministry of Environment Forest and Climate Change has examined the application. It has been noted that the proposal is for expansion of manufacturing of Chrysotile Asbestos Fibre Cement product (roofing sheets and accessories) from 14500 tons per month (TPM) to 30000 TPM in its existing sheet plant through product mix change and marginal capacity increase on existing non-asbestos production line. The topography of the area is flat and reported to lie between 10°56'47.85" to 10°57'11.50" N Latitude and 76°59'0.06" to 76°59'11.42" E Longitude in Survey of India topo sheet No. 58B/13 at an elevation of 432 m AMSL. The ground water table reported to range between 7.6 m - 26.2 m below the land surface during the post-monsoon season and 13.0 m - 32.2 m below the land surface during the pre-monsoon season. No additional land is required for the proposed expansion project, as expansion will occur within existing land of 82.25 acres (33.29 ha). The entire land is in the possession of M/s Everest Industries Limited. No forestland involved. No River passes through the project area. It has been reported that no water body exist around the project and modification/diversion in the existing natural drainage pattern at any stage has not been proposed. No national park/wildlife sanctuary/biosphere reserve/tiger reserve/elephant reserve etc. are reported to be located in the core and buffer zone of the

project. There will be an increase of 50 more employees making it to 350 people after expansion. No R&R is involved. It has been envisaged that no families to be rehabilitated.

3.0 The targeted production capacity of the Chrysotile Asbestos Fibre Cement Products is 30,000 TPM. Increase in asbestos product of 15500 tons/month shall be achieved in the existing non-asbestos line (8000 tons/month) by taking certain existing machinery system into loop. At any time the maximum production capacity shall not cross 30000 tons/month in the entire plant. The raw material for the plant will be obtained domestically and imported as well. Cement will be procured from Dalmia, Trichy, Chettinad cement, Trichy and ACC Madukkarai, Coimbatore; Fly ash from Mettur and Tuticorin thermal plant and Pulp from Chennai. The Chrysotile Asbestos fibre imported from Russia & Kazakhstan by ship in closed containers and received from Cochin Port to EIL Plant by road. The raw material transportation will be done by truck through road.

4.0 The total water requirement of the project after expansion is estimated as 330 m<sup>3</sup>/day, out of which 315 m<sup>3</sup>/day of fresh water requirement will be obtained from the municipal corporation (240 m<sup>3</sup>/day), bore well (23 m<sup>3</sup>/day) & authorized tankers supply (52 m<sup>3</sup>/day) and the remaining requirement of 15 m<sup>3</sup>/day will be met from the recycled water (STP treated). The power requirement of the project after expansion is estimated as 3 MW (3000 KVA), will be obtained from the Tamil Nadu Electricity board (TNEB).

5.0 PP mentioned that no waste will be generated due to the project. It has been envisaged that an area of 10.98 ha (27.14 acres) will be developed as green belt around the project site to attenuate the noise levels and trap the dust generated due to the project development activities.

6.0 The Public hearing of the project was held on 24.02.2016 for production of 30,000 TPM of Chrysotile Asbestos Fibre Cement Products, under the chairmanship of District Collector. The issues raised during public hearing are *inter-alia* include encouraging sports activities, ground water depletion in surrounding areas, disposal of solid waste creating breathing problems, pathway to the public etc.

7.0 The capital cost of the project is Rs. 3 Crores and the capital cost for environmental protection measures is proposed as Rs. 5 Lakhs (already incurred) & Rs. 2 Lakhs (proposed to be incurred). The annual recurring cost towards the environmental protection measures is proposed as Rs. 90.25 Lakhs. An amount of Rs. 15.0 Lakhs has been earmarked for Enterprise Social Commitment

8.0 The proposal was considered during the 6<sup>th</sup> meeting of the Expert Appraisal Committee (Industry - I) held on 3<sup>rd</sup> - 4<sup>th</sup> May, 2016 and recommended the project for Environmental Clearance and stipulated Specific Conditions along with other environmental conditions while considering for accord of environmental clearance.

9.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant environmental clearance to expansion of Asbestos Fibre Cement Sheet Manufacturing Plant (from 14500 T/M to 30000 T/M) of M/s Everest Industries Limited, under the provision of EIA Notification dated 14<sup>th</sup> September, 2006, as amended, subject to strict compliance of the following Specific and General conditions:

**A. SPECIFIC CONDITION:**

- i. The project proponent should install 24x7 air monitoring devices to monitor air emission and submit report to Ministry and its Regional Office.
- ii. The water quality monitoring report should be displayed on the notice board outside the plant premises for the information of the local public
- iii. The proponent shall comply with the Hon'ble Supreme Court Direction (year 1995) regarding occupational health and safety measures in asbestos industries.
- iv. Emission norms for asbestos fibre should be regularly monitored and kept  $< 0.2$  fibre/cc.
- v. Work place asbestos fibre should be regularly monitored and kept  $< 0.1$  fiber/cc.
- vi. Total particulate matter emission should be regularly monitored and kept  $< 2 \text{ mg/Nm}^3$  in stack.
- vii. Ambient air quality monitoring should be done specifically for asbestos fibre.
- viii. Medical examination should be carried out by specially designed medial respiratory questionnaire and the report should be submitted along with the 6 monthly compliance report.
- ix. Spirometry test should be conducted every 6 months and x-ray shall be done once in year and report submitted.
- x. At least 5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues, locals need and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting a Committee comprising of the proponent, representatives of village Panchayat and District Administration. Action taken report in this regard shall be submitted to the Ministry's Regional Office.
- xi. The proponent shall prepare a detailed ESC Plan for every next 5 years for the proposed project, which includes village-wise, sector-wise (Health, Education, Sanitation, Health, Skill Development and infrastructure requirements such as strengthening of village roads, avenue plantation, etc) activities in consultation with the local communities and administration. The ESC Plan will include the amount of 2% retain annual profits as provided for in Clause 135 of the Companies Act, 2013 which provides for 2% of the average net profits of previous 3 years towards ESC activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the Plan shall be submitted as part of the Compliance Report to RO, Bhopal. The details of the ESC Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.
- xii. All waste generated in the process should be used within the plant.

- xiii. Permission from the ground water board should be obtained and submitted to the Ministry.
- xiv. The Project Proponent should develop in-house facility to monitor asbestos fiber.
- xv. Green belt shall be developed in 33 % of plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- xvi. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project

**B. GENERAL CONDITIONS:**

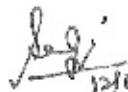
- i. The project authorities must strictly adhere to the stipulations made by the Tamil Nadu Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEFCC).
- iii. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub> and NO<sub>x</sub> are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chennai and the SPCB/CPCB once in six months.
- iv. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19<sup>th</sup> May, 1993 and 31<sup>st</sup> December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- v. The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) 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 dBA (daytime) and 70 dBA (nighttime).
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- viii. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.

- ix. Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Chennai. The funds so provided shall not be diverted for any other purpose.
- x. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
- xi. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Chennai. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- xii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chennai / CPCB / SPCB shall monitor the stipulated conditions.
- xiii. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Chennai by e-mail.
- xiv. 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 SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEFCC) 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 Chennai.
- xv. 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.

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


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

12.0 The above conditions shall 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, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.

  
(Dr. Satish C. Garkoti)  
Scientist 'F'

**Copy to:-**

1. The Secretary, Department of Environment, Government of Tamil Nadu.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
3. The Chairman, Tamil Nadu State Pollution Control Board, 100, Anna Salai, Guindy, Chennai-600032.
4. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (SEZ), I<sup>st</sup> and II<sup>nd</sup> Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 600034..
5. Guard File / Record File/Monitoring file.

  
(Dr. Satish C. Garkoti)  
Scientist 'F'