

(FAX NO.)

CAC. 23812631

Annexure - 9A

No. J-11011/69/2003 - IA II (I)
Government of India
Ministry of Environment & Forests

Email: piahujarai@yahoo.com

Tel No.2 436 3973
Paryavaran Bhawan, CGO Complex,
Lodi Road, New Delhi - 110 003
Dated the August 4, 2003

To

✓ The President,
M/s Ramco Industries Limited
Auras corporate Centre, VI floor,
98-A, Dr. Radhakrishnan Road,
P.B. No.2949, Mylapore
Chennai-600004
FAX No. 91-448-8530579

Subject: Manufacturing of asbestos cement sheets and accessories at village Ibrahimpatnam, District Krishna in Andhra Pradesh by M/s Ramco Industries Limited.

Sir,

This has reference to your letter No.Vij/ dated 2nd May, 2003 seeking environmental clearance along with EIA/EMP report, NOC, public hearing and CO and additional information furnished vide your letter dated 30th May, 2003 and 11th July, 2003 on the above proposal.

Ministry of Environment & Forests has examined the application. It is noted that the proposal envisages manufacture of 72,000 TPA asbestos cement sheets and accessories. The Company has acquired 6.07 ha. of land. The project does not involve displacement/rehabilitation of people. The water requirement of 110 m³/d will be met from the ground water source. Permission to draw water from the State Ground water Authority has been obtained on 26th May, 2003. 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. The wet sludge would be recycled. NOC from the Andhra Pradesh Pollution Control Board has been obtained on 28th April, 2003. The Public Hearing Panel has considered the case in the meeting held on 31st March, 2003. Total cost of the project is Rs.10.00 crores.

2.0. The Ministry of Environment and Forests hereby accords environmental clearance to the above unit 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. Raw materials like asbestos fibre and cement should be transported in closed containers. Asbestos fibre should be brought in palletized form, in impermeable bags and under compressed condition.
- ii. Blue asbestos should not be utilized as a 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 fully automatic asbestos fiber debagging system before commissioning the unit.
- iv. The Company shall comply with total dust emission limit of 2mg/Nm³ as notified under the Environment (Protection) Act, 1986. Adequate measures should be adopted to control the process emission and ensure that the stack emission of asbestos fibre should not exceed the emission limit of 0.2 fibre/cc. Further, in the work zone area the fibre count should not exceed 0.5 fibre/cc. This level should be further brought down to 0.1 fibre/cc by 1st January, 2004
- 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 by setting up a dedicated laboratory. In addition, the asbestos fibre count in the work zone area should be got monitored by an Independent Monitoring Agency like NIOH, ITRC/NCB etc on a six- monthly basis. The monitored data should be submitted to the State Pollution Control Board once in three months and to this Ministry every six months.
- viii. As reflected in the Environmental Management Plan, there will be no discharge of process effluent. The entire process effluent should be reused/recycled in the manufacturing process. The domestic waste water should be adequately treated in a sewage treatment plant and used for green belt development.
- ix. The Company shall ensure that the entire solid waste generated including process rejects, dust from bag filters and empty asbestos bag should be recycled 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 occupational 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 are 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 Ministry of Environment and Forests within three months.
- xiii. As reflected in the Environmental Management Plan, 2.02 ha. of the project area should be developed as green belt with local species in consultation with DFO as per CPCB guidelines.

B. GENERAL CONDITIONS:

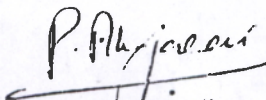
- i. The project authorities must strictly adhere to the stipulations made by the Andhra Pradesh State Pollution Control Board and the State Government.
- ii. No further expansion/ modifications in the plant should be carried out without prior approval of the Ministry of Environment and Forests.
- iii. 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. The project proponent shall also comply with all the recommendations made by the Public Hearing Panel and safeguards recommended in the Environmental Impact Assessment /Environmental Management Plan Report.
- v. The project authorities will set-up a separate environmental management cell for effective implementation of all the above stipulations under control of Sr. Executive.

- vi. 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.
- vii. The Regional Office of this Ministry at Bangalore/ 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.
- viii. 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.
- ix. 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, State Deptt. of Environment, Government of Andhra Pradesh, Mantralaya, Hyderabad.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Chairman, Andhra Pradesh State Pollution Control Board, 2nd Floor, HUDA Complex, Maitrivaram, S.R.Nagar, Hyderabad- 500 038.
4. The Chief Conservator of Forests (Central), Regional Office (SZ), Kendriya Sadan, IVth Floor, E&F Wing, 17th Main Road, Koramangalam, Bangalore- 560034.
5. The Senior Adviser, (E I Division), Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi.- 110003.
6. The Director, Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi- 110003.
7. Guard file.
8. Record file.
9. Monitoring file.

(Dr. P. L. Ahujarai)
Additional Director