

F.No.J-11011/359/2005-IA-II(I)

Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi - 110003
E-mail: dirind-moefcc@gov.in
Tel: 011-24695368
Dated: 10.07.2020

To

M/s ARL Infratech Ltd,
(Formerly Ankit Roofings Ltd)
Akshat House, A-27/13A, Kantil Chandra Road,
Bani Park, Jaipur- 302016, Rajasthan.

Subject: Expansion of asbestos cement pipes (9000 to 15000 TPA) by M/s Ankit Roofings Ltd at Bindayaka, Tehsil and District Jaipur, Rajasthan - Name change in Environmental Clearance as **M/s ARL Infratech Limited** -regarding

Sir,

This has reference to your online application vide proposal No. IA/RJ/IND/106925/2019 dated 11.02.2020 for name change in the Environmental Clearance of the project mentioned in the subject.

2. The project of M/s Ankit Roofings Ltd was accorded Environmental Clearance vide letter F.No.J-11011/359/2005-IAII(I) dated 11.10.2007 for expansion of asbestos cement pipes (9,000 to 15, 000 TPA) at Bindayaka, Tehsil and District Jaipur, Rajasthan.

Details submitted by the project proponent

3. The following details were submitted by the Project Proponent.
 - i. Forwarding letter of ARL Infratech Ltd requesting transfer of EC from Ankit Roofings Ltd.
 - ii. Certificate of Incorporation consequent upon name change of M/s Ankit Roofings Ltd as M/s ARL Infratech Ltd form RoC, Rajasthan dated 14th July 2010.
 - iii. A copy of Resolution passed at the meeting of Board of Directors of M/s ARL Infratech Ltd from ROC dated 10.10.2019, authorizing Managing Director to get statutory clearances from MoEF&CC.
 - iv. An undertaking by ARL Infratech Ltd on non-judicial stamp paper to comply the conditions stipulated in the Environmental Clearance dated 03.06.2019.
4. In the light of above, it is confirmed that the name of M/s Ankit Roofings Ltd. was changed to M/s ARL Infratech Ltd with effect from 14.07.2010. It is noted that there is no change in the Ownership of the company. The plant has been operating.

Decision of MoEF&CC

5. After taking the aforesaid facts into consideration, the Ministry has accepted the request to change the name of the company in the Environmental Clearance accorded to M/s Ankit Roofings Ltd. vide letter F.No. J-11011/359/2005-IA.II (I) dated 11.10.2007 as M/s ARL Infratech Ltd.
6. It is requested to obtain "Consent" from Rajasthan Pollution Control Board, in the name of M/s ARL Infratech Ltd.
7. All the terms and conditions in the Environmental Clearance vide letter F.No J-11011/359/2007-IA.II (I) dated 11.10.2007 shall remain the same.
8. In case, there is a change in the scope of the project, fresh Environmental Clearance shall be obtained.

This issues with the approval of the Competent Authority.

(A.K.Agrawal)
Director

Copy to:-

- 1) Secretary, Department of Environment, Government of Rajasthan, Rajasthan.
- 2) Deputy General of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (CZ), Kendriya Bhawan, 5th Floor, Sector "H", Aliganj, Lucknow – 226020
- 3) Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
- 4) Chairman, Rajasthan Pollution Control Board, 4, Jhalana Institutional Area, Jhalana Doongri, Jaipur, Rajasthan - 302 004
- 5) Member Secretary, Water Authority, 18/11, Jamnagar House, Man Singh Road, New Delhi-110011.
- 6) District Collector, Jaipur District, Government of Rajasthan.
- 7) Guard File/Record File/Monitoring File.
- 8) MoEF&CC website

(A.K.Agrawal)
Director

F. No. J-11011/359/2005- IA II (I)
Government of India
Ministry of Environment and Forests
(IA Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003

E-mail: pb.rastogi@nic.in
Telefax : 011-24367668
Dated 11th October, 2007

To, ✓
M/s Ankit Roofings Ltd.
Akshat House, A-27/13-A
Kanti Chandra Road, Banipark
Jaipur-302 016, Rajasthan

E-mail : ankitroofings@rediffmail.com ; Fax No : 0141 - 5105458

Subject : Expansion of Asbestos Cement Pipes (9,000 to 15,000 TPA) at Bindayaka, Jaipur, Rajasthan by M/s Ankit Roofings Ltd. – Environmental clearance reg.
Ref. : Your letter no. 04/228 dated 25th June, 2007.

Sir,

This has reference to your letter no. 04/228 dated 25th June, 2007 along with project documents including Application in Schedule II, Questionnaire, EIA/EMP and containing above documents and subsequent communications vide letters dated 10th July, 2007 and 25th August, 2007 seeking environmental clearance on the above mentioned project.

2.0 The Ministry of Environment and Forests has examined your application. It is noted that M/s Ankit Roofings Ltd. have already been accorded environment clearance for the existing Asbestos Cement Pipe Plant (9,000 TPA) at Village Bindayaka, Tehsil Jaipur, District Jaipur, Rajasthan vide letter no. J-11011/359/2005-IA.II (I) dated 23rd December, 2005. Enhancement in the production capacity from 9,000 TPA to 15,000 TPA will be due to abolishment of the BIS standards for A.C. Pressure Pipes of Class-5 for all diameters and Class 5-10 above 200 mm diameter leading to increase in thickness of the pipes due to change in BIS specifications. Due to this, higher class AC pipes of more thickness and higher capacity, which will be heavier and used as casing pipes for bore wells resulting in higher tonnage for the same number/length of pipes will be produced.

3.0 No change in process or machinery/equipment technology and raw material or product will be done. Total raw material requirement viz. cement, asbestos, fly ash and filler will enhance from 30 TPD to 50 TPD due to enhancement in the production from 9,000 TPA to 15,000 TPA by weight but length of pipe production will remain same.

4.0 Asbestos Fibre (0.003-0.06 Fibre/cc) will be within the permissible limit. Water requirement will be reduced from 8,500 LPD to 3,500 LPD due to use of water for slurry preparation, green belt development, recycling and reuse in the process in closed circuit. All the solid waste generated will be recycled and reused in the process. Pipe cutting ends will be ground in the pulverizing unit and used in the process.

3.0 No public hearing/consultation was required due to expansion of the project from 9,000 TPA to 15,000 TPA in the same campus and increase in capacity is due to increase in thickness of the pipes for the same number / length of pipes due to abolishment of the BIS standards for

A.C. Pressure Pipes. 'Consent to Establishment' is accorded by the Rajasthan State Pollution Control Board, Jaipur vide letter no. 12(18-378) RPCB/Gr.III/528 dated 8th June, 2006 for the existing Asbestos Cement Pressure Pipe unit.

4.0 The Ministry of Environment and Forests hereby accords environmental clearance to the above mentioned project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of specific general 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 shall be brought in pelletized form, in impermeable bags and under compressed condition.
- ii. Blue asbestos shall 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 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 generated from hopper of Jaw crusher and Pulverizer shall be channelized through hood with proper suction arrangement, bag filter and stack. Dust collectors shall be installed to control air emissions.
- v. The Company shall comply with total dust emission limit of 2 mg/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 shall not exceed the emission limit of 0.2 fibre/cc. Further, the fibre count shall not exceed 0.1 fibre/cc in the work zone area.
- vi. Bags containing asbestos fibre shall be stored in enclosed area to avoid fugitive emission of asbestos fibre from damaged bags, if any.
- vii. Better house keeping practices shall be adopted for improvement of the environment within the work environment. 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.
- viii. Regular measurement of pollutants (SPM, asbestos fibre count) in the work zone area and stack(s) shall be undertaken by setting up a dedicated laboratory. In addition, the asbestos fibre count in the work zone area shall be got monitored by an independent monitoring agency like NIOH / ITRC / NCB etc. on a six monthly basis. The monitored data shall be submitted to the Rajasthan State Pollution Control Board (RSPCB) once in three months and to this Ministry every six months.
- ix. Total ground water requirement shall not exceed 3,500 litres/day and prior 'Permission' for the drawl of ground water shall be obtained from the State Ground Water Board / Central Ground Water Board (SGWB/CGWA). No process water shall

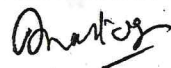
be discharged and 'zero' discharge shall be adopted and entire process effluent shall be reused/recycled in the manufacturing process. The domestic wastewater shall be treated in septic plant followed by soak pit and used for green belt development.

- x. The Company shall ensure that the entire solid waste generated including process pipe/sheet cuttings, rejects, dust from bag filters and empty asbestos bag after shredding shall be recycled and reused in the manufacturing process. The disposal facilities for asbestos waste shall be in accordance with the Bureau of Indian Standard code.
- xi. The cut and damaged fibre bags shall immediately be repaired. Piling of AC sheets shall be done in wet condition only.
- xii. Regular medical examination of workers and health monitoring of the employees shall be carried out and records maintained upto minimum 40 years from the beginning of employment or 15 years after retirement or cessation of employment whichever is lower. 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 alongwith 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.
- xiii. 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.

B. General Conditions :

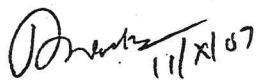
- i. The project authority must adhere to the stipulations made by Rajasthan State Pollution Control Board and the State Government.
- ii. No further expansion/modification in the plant shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The project authorities shall 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. Proper house keeping shall be maintained within the plant premises. Process machinery, exhaust and ventilation systems will be laid in accordance with Factories Act.
- v. Green belt shall be developed in 33 % area in consultation with DFO as per CPCB guidelines.
- vi. The project proponent shall also comply with safeguards recommended in the EIA/EMP Report.
- vii. The company shall also undertake water harvesting measures to recharge the ground water.
- viii. The project authorities shall set up a separate environmental management cell for effective implementation of all the above stipulations under control of Senior Executive.

- ix. Adequate funds shall be provided towards capital cost and recurring cost/annum for environmental pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government alongwith the implementation schedule for all the conditions stipulated herein. The funds so provided should not be diverted for any other purposes.
 - x. The Regional Office of this Ministry at Lucknow/Central Pollution Control Board/ Rajasthan 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.
 - xi. 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 Rajasthan 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 at Lucknow.
 - xii. 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 shall implement these conditions.
- 7.0. 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 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, Department of Environment and Forests, Government of Rajasthan, Jaipur, Rajasthan
2. Chief Conservator of Forests (Central), Ministry of Environment and Forests (Central Region), Kendriya Sadan, 5th Floor, Sector H, Aliganj, Lucknow - 226 020, U.P.
3. Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110032.
4. Chairman, Rajasthan State Pollution Control Board, 4, Institutional area, Jhalana, Doongri, Jaipur, Rajasthan.
5. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhawan, CGO Complex, New Delhi.
6. Guard File.
7. Record File


(Dr. P. B. Rastogi)
Additional Director