



**State Level Environment Impact Assessment Authority  
Madhya Pradesh  
Government of India  
Ministry of Environment & Forests**

**Madhya Pradesh Pollution Control Board**

E-5. Arera Colony  
Bhopal-4620 16  
visit us <http://www.mpseiaa.nic.in>  
Tel:0755-2466970

No:288/EPCO-SEIAA/10  
Date: 09-08-2010

To,

**M/s Vardhaman Yarns**  
(Power Division),  
New Industrial Area Phase – II,  
Satlapur, Distt- Raisen (M.P.)

**Sub: Prior Environmental Clearance for Capacity expansion of Power Plant from existing 24 M.W. to 30 MW to M/s Vardhaman Yarns industrial area phase –II Satlapur, Distt-Riasen (M.P). Case no 455/2009**

This has reference to your application No. Nil, dated 31/08/09 and subsequent letters date 31/12/09 & 12/02/10 seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., form I, and feasibility report. The State Expert Appraisal Committee in its meetings held on 28/04/2010 considered the case and recommended for grant of Prior Environment Clearance.

2. It is, interalia, noted that the project involves the capacity expansion of power plant from 24 MW to 30 MW coal based thermal power plant at industrial area phase –II Satlapur, Distt-Riasen (M.P). The water requirement of the project is estimated to be increased by 869 KLD which will be met from AKVN supply. Coal requirement is estimated to be increased by 58 TPD. The Public Hearing is exempted due to location of the project in a notified Industrial Area.

3. The Expert Appraisal Committee of M P, after due considerations of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations have recommended grant of Prior Environmental Clearance as per the provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments. State Level Environment Impact Assessment Authority (SEIAA) considered the proposal in its 37<sup>th</sup> meeting held on 21/06/2010 and decided to accord Prior Environmental Clearance to the project accepting the recommendations of the expert committee. Hence a Prior Environmental Clearance to the above project under the provision of EIA Notification of 2006 has been issued subject to strict compliance of the following conditions.
- (i) No additional land shall be acquired for any utilities/facilities relating to the proposed expansion project other than mentioned in the proposal.
  - (ii) A stack of 80 m height shall be provided with a continuous on-line monitoring system. The data collected shall be analyzed and submitted regularly to the Ministry and its Regional Office at Bhopal.
  - (iii) High efficiency Electrostatic Precipitators (ESPs) shall be installed to limit particulate emission to 50 mg/Nm<sup>3</sup>.
  - (iv) Dust extraction and suppression system and water sprinklers shall be provided for controlling fugitive dust during transportation, in coal storage area and other vulnerable areas of the plant.
  - (v) Water requirement for the proposed capacity expansion shall be met from AKVN supply as mentioned in the project document. No groundwater shall be extracted for the power plant at any stage.
  - (vi) Closed Cycle Cooling system with induced draft cooling towers shall be provided.

- (vii) The treated effluents shall be re-circulated and reused within the plant area. There shall be no waste water discharge outside the plant boundary.
- (viii) Rainwater harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/ State Ground Water Board and a copy of the same shall be submitted within three months to the Regional Office of the Ministry at Bhopal.
- (ix) Noise level shall be limited to 75 dBA and regular maintenance of equipments should be undertaken. For people working in high noise areas, personal protection devices should be provided.
- (x) Dry ash collection system shall be provided. 100% ash utilization shall be ensured.
- (xi) A greenbelt shall be developed around the plant covering an area of at least 33% of the total plot area.
- (xii) Project proponent has to strictly follow the direction/guidelines issued by MoEF, SEIAA, CPCB and other Govt. Agencies from time to time.
- (xiii) Project proponent shall explore the possibility of using solar energy wherever possible.
- (xiv) Commitments towards CSR have to be followed strictly.
- (xv) Regular health check-up record of the workers has to be maintained at site.
- (xvi) First aid and sanitation arrangements shall be made for the workers of the unit.

- (xvii) Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the State Pollution Control Board. Periodic reports shall be submitted to the Regional Office of the Ministry of Environment and Forest at Bhopal.
- (xviii) The project proponent shall within seven days, advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the State Level Environment Impact Assessment Authority (SEIAA) at [www.mpseiaa.nic.in](http://www.mpseiaa.nic.in).
- (xix) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xx) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry, the Regional Office, and the CPCB/SPCB.
- (xxi) Regional Office of the Ministry of Environment & Forests located at Bhopal will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted to the ministry from time to time shall be forwarded to the Regional Office for their use during monitoring.
- (xxii) Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure shall be reported to the Ministry.

- (xxiii) Full cooperation shall be extended to the Scientists/Officers from the Ministry/ Regional Office of the Ministry of Environment and Forest at Bhopal /the CPCB/the SPCB who would be monitoring the compliance of environmental status.
4. The State Level Environment Impact Assessment Authority reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Regional office of the Ministry of Environment & Forests at Bhopal.
  5. The environmental clearance accorded shall be valid for a period of 5 years from the date of issue.
  6. In case of any deviation or alteration in the project proposed from that submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.
  7. The above stipulations shall be enforced along with others as under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under and the Environment Impact Assessment Notification, 2006.

Sd/-

**(Ashok Shah)**

Member Secretary, SEIAA

Endt No.289/SEIAA/EPCO/10

Dated:-09-08-2010

Copy to:-

1. The Secretary, Department of Environment, Government of Madhya Pradesh, Bhopal
2. The Member Secretary, Madhya Pradesh State Pollution Control Board, Paryavarn Parisar, E-5, Arera Colony, Bhopal-462016
3. Division, Monitoring Cell, MoEF, New Delhi- 110 003
4. The Regional Officer, MOEF, Bhopal
5. The Collector, Distt-Raisen-(M.P.)
6. Guard file.

Sd/-

**(Ashok Shah)**

Member Secretary, SEIAA