



**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:348/EPCO-SEIAA/10
Date:30-08-2010

To,

M/s Jaideep Ispat & Alloys Pvt Ltd
Unit (II) 103,
Laxmi Tower, 1st Floor
576 MG Road
Distt- Indore – M.P.

Sub:- Prior Environmental Clearance to Medium Scale Industries Rolling Mill at Plot No. 808-E, Sector-III, Industrial Area, Pithampur, Distt-Dhar-M.P. Case no. 473/2009

This has reference to your application No. Nil, dated 04/10/09 and subsequent letters date 30/03/10 and 28/05/10 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 Pre-feasibility Report. The State Expert Appraisal Committee in its meetings held on 02/06/2010 considered the case and recommended for grant of Prior Environment Clearance.

2.0 It is noted that the proposal is for a TMT-BARS Rolling Mill (100000 TPA) and an Induction Furnace (75000 TPA) at plot No 808-E, Sector- III, Industrial Area, Pithampur, Distt-Dhar-M.P. by M/s Jaideep Ispat & Alloys Pvt Ltd. Total land available is 36000 Sq.m acres. Total cost of the project is Rs. 24.32 Crores.

3.0 TMT Bars will be manufactured MS Ingots/billets will be charged into a reheating furnace and rolled successively in roughing mill, intermediate mill and finishing mill. The hot

rolled deformed bars will be allowed to pass through special water cooling pipe section for producing TMT bars.

- 4.0 Multi-cyclone and gravity dust catcher will be provided to coal gasifier system. Stack of 35 m height will be provided to reheating furnace to control gaseous emissions. Total water requirement will be 50 KLD and shall be provided by MPAKVN. Water used for machine cooling will be recycled. No industrial wastewater will be discharged outside the premises. End cuttings from manufacturing process will be sold to Ingot manufacturers. Slag generated in the induction furnace will be used for filling low-lying areas and sold to brick manufacturers.
- 5.0 The proposal has been exempted from the public hearing and it is located in an notified Industrial Area..
- 6.0. The State Level Environment Impact Assessment Authority considered the above project in its 41st meeting held on 29/07/10 and decided to accord Prior Environmental Clearance as per the provision of EIA notification of 14th September, 2006 subject to strict compliance of the following specific and general conditions:

A. SPECIFIC CONDITIONS :

- i) Adequate pollution control equipments fume extraction system followed by filters shall be provided to control the gaseous emissions from the induction furnace to control the process emissions within 150 mg/Nm³ before discharging to open atmosphere through recuperator and chimney of adequate height. Stack of adequate height shall be provided to heating Furnace. Data on ambient air quality, stack emissions and fugitive emissions shall be regularly submitted to this Ministry including its Regional Office at Bhopal, PCB and CPCB once in six months.
- ii) Gaseous emissions including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored.

- iii) Vehicular pollution due to transportation of raw material and finished product shall be controlled. Proper arrangements shall also be made to control dust emissions during loading and unloading of the raw material and finished product.
- iv) Water sprinkling shall be done to control fugitive emissions. Monitoring of fugitive emissions in the work zone environment shall be carried out regularly as per the CPCB guidelines and reports submitted to Bihar PCB / CPCB and Ministry's Regional Office at Bhopal.
- v) Total water requirement shall not exceed 50 KLD. Cooling water shall be recycled and reused in the process and/or for dust suppression and green belt development. Zero effluent discharge shall be strictly followed and no wastewater shall be discharged outside the premises. Domestic water shall be treated in septic tank followed by soak pit.
- vi) All the solid waste shall be properly utilized or disposed off in environment friendly manner or in secured landfills within the plant premises as per the CPCB guidelines. Waste oil and oily sludge shall be provided to registered recyclers/reprocessors as per CPCB guidelines. As proposed, end cuttings from manufacturing process shall be sold to Ingot manufacturers.
- vii) Proper house keeping shall be ensured and all the raw material including scrap, coal, slag, sludge and oily waste shall be stored separately in designated place only. All the other solid wastes including broken refractory mass shall be properly disposed off in environment-friendly manner.
- viii) A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal.
- ix) Occupational health surveillance shall be carried out as per the Factories Act, 1948.

- x) As proposed, green belt shall be developed in 12000 Sq.m (33.33%) out of total 36000 Sq.m as per the CPCB guidelines to mitigate the impacts of fugitive emissions in consultation with local DFO.
- xi) All the recommendations mentioned in the Charter on the Corporate Responsibility for the Environmental Protection (CREP) for the Steel Plants shall be implemented.
- xii) The company shall provide housing for 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 M.P. 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 State Level Environment Impact Assessment Authority of Madhya Pradesh.
- iii. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The MPPCB may specify more stringent standards for the relevant parameters. At no time, the emission level shall go beyond the prescribed standards. Monitoring system shall be installed in stacks to monitor SPM and interlocking facilities shall be provided so that process can be automatically stopped in case emission level exceeds the limit.

- iv. At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of SPM, SO₂ and NO_x are anticipated in consultation with the MPPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhopal, PCB and CPCB once in six months.
- v. Industrial wastewater shall be properly collected and treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vi. 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 shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).
- vii. Proper house keeping shall be ensured and all the raw material including scrap, coal etc., shall be stored at designated places.
- viii. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- ix. All the measures regarding occupational health surveillance of the workers shall be undertaken and regular medical examination of all the employees shall be ensured as per the Factories Act and records maintained.
- x. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA / EMP report.

- xi. The company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health care etc.
- xii. As proposed, Rs. 3.5 lakhs, Rs. 75.00 Lakhs earmarked towards capital cost and recurring cost/annum for environmental pollution control measures shall be judiciously used to implement the conditions stipulated by the State Level Environment Impact Assessment Authority as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Ministry and its Regional Office at Bhopal. The funds so provided shall not be diverted for any other purpose.
- xiii. The Regional Office of the Ministry of Environment and Forests, Govt. of India at Bhopal shall monitor the stipulated conditions. A six monthly compliance report and the monitored data along with statistical interpretation shall be submitted to them regularly.
- xiv. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the SEIAA of M.P. and copies of the clearance letter are available with the MPPCB and may also be seen at Website of the SEIAA of M.P. at <http://mpseiaa.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 of the Ministry at Bhopal.
- xv. Project authorities shall inform the Regional Office of 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.

- 7.0. The SEIAA of M.P. may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- 8.0. The SEIAA of M.P. reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- 9.0. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.
- 10.0 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 (Insurance) Liability Act, 1991 along with their amendments and rules.

Sd/-

(Ashok Shah)
Member Secretary, SEIAA

Endt No.349/SEIAA/EPCO/10

Dated:-30-08-10

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-Dhar-(M.P.)
6. Guard file.

Sd/-

(Ashok Shah)
Member Secretary, SEIAA