

F. No. J-11011/4/2013-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

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Dated: 14th October, 2015

To

M/s Rasik Industries
(Prop. : Indian Securities Ltd.)
Vill. Talwara, Talwara Road
Tehsil-Mandi Gobindgarh
Dist-Fategarh Sahib
Punjab-147301

Email: Nil; Fax No.- Nil

Subject: Proposed expansion of Steel manufacturing unit (1, 20,000 MTPA of Billets, Steel Ingots & Blooms and 1,00,500 MTPA of TMT Bars, flats, round) at Village Talwara, Tehsil Mandi Gobindgarh, District Fategarh Sahib, Punjab by M/s Rasik Industries - Environmental Clearance regarding.

Sir,

This has reference to your letter No. Nil dated 26th February, 2015 along with copies of EIA/EMP report seeking Environment Clearance for the project mentioned above, under the provisions of the EIA Notification, 2006. The ToR to the project was awarded by MoEFCC vide letter dated 25th April, 2013 for preparation of EIA/EMP report. It was noted that the consultants was not accredited by QCI/NABET; however, the consultant has produced stay order during the presentation. The proposed capacity of the unit after expansion will be 400 MTPD of Billets, Steel Ingots & Blooms and 335 MTPD of TMT Bars, flats, round. The Unit falls in Category 'B' as per Schedule of EIA Notification, 2006; but being situated within the Critically Polluted Area of Mandigobindgarh (Item No. ii of GC), the proposal is considered at the Central level.

2.0 The Ministry of Environment, Forest and Climate Change has examined the application for the project cited above. It is noted that M/s Rasik Industries is a Steel manufacturing Unit, which is already manufacturing 335 MTPD of TMT Bars, Angles, round etc. behind Uttam Steel Mills, Talwara Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab. The Industry now proposes to enhance the capacity of the unit by addition of four no. Induction furnaces of capacities 8 TPH each. The capacity of the unit after expansion will be 1, 20,000 MTPA of Billets, Steel Ingots & Blooms and 1, 00,500 MTPA of TMT Bars, flats, round. The total area of the plot is about 3, 0351.4 m². There are no Wild Life Sanctuaries,

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Reserved /Protected Forests or Defence Installations, Rivers and Hill Ranges within 10 km of the project. The project site is about 8 kms from Fatehgarh Sahib and about 50 kms from Chandigarh. Total cost of the Project is Rs.60 crores and Rs.98 lakhs have been provided for pollution control Measures. About Rs.14.5 lakhs will be spent on annual maintenance of such measures.

3.0 The raw materials used are MS/CI Scrap, Sponge/Pig Iron, Ferro alloys Manganese, Ferro Silicon, Aluminium. These will be sourced from Domestic as well as International Markets. The water requirement for domestic purpose will be 12 KLD and evaporation loss will be 25 KLD. There is no use of water in the process. So the total water requirement will be 37 KLD. The total power demand for the unit is about 16.5 MW. This demand will be met by sourcing power from Punjab State Power Corporation Limited from the nearby Sub-station. There will be about 350 persons working in the unit.

4.0 About 23 TPD slag received from the manufacturing process will be given to cement plant or road making for further use. Solid/hazardous wastes in the unit are expected from slag from the furnaces, solids from the Bag filters & Cyclones. Solids from bag filters contain traces of metals in addition to dust etc. as such these will be collected separately in a dumping pit and sent to TSDF site for disposal. Slag from the furnace (about 23 Ton per day) received from the manufacturing process will be used for filling of low lying area or for road making.

5.0 For Air Pollution Control, Cyclones & Bag filters have been provided on Induction furnace and Scrubber on rolling mills. There will be generation of emission containing SPM. All the processes are closed circuit; as such emission to the atmosphere will be minimal. However, APCD, cyclone, bag filters will be provided at the exit point to arrest particulate matters.

6.0 Public Hearing of the project was conducted by PPCB at site on 10.04.2014 under the Chairmanship of Additional Deputy Commissioner, Fatehgarh Sahib. Major issues raised during the public hearing are about the litigation regarding ownership of the land, CSR and road in the village in very bad. The committee observed that a court case regarding ownership of land is pending before Hon'ble Punjab & Haryana High Court and High Court has passed interim orders to maintain status-quo at the site. As such, no construction/ expansion activity can be allowed at the site. In case any expansion is carried out in the premises, a contempt of court will be filed against all the responsible persons.

7.0 The matter was considered in the 37th EAC meeting held on 30th April - 1st May, 2015. After detailed deliberations, the EAC (I) recommended the project for Environmental Clearance and stipulated Specific Conditions along with other environmental conditions while considering for accord of Environmental Clearance.

8.0 The Ministry of Environment, Forest and Climate Change (MoEFCC) on the basis of the aforesaid recommendations of the EAC (I), hereby decided to grant Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14th 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, as provided by CPCB and submit report to Ministry and its Regional Office.
- ii. The Environmental Clearance is subject to the final outcome of the order of Hon'ble Punjab & Haryana High Court.
- iii. Secondary emission should be controlled by installing proper ducting system and the exhaust gases should be pass through the bag filter.
- iv. Air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm³.
- v. In-plant control measures like bag filters, de-dusting and dust suppression system shall be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system shall be provided at all the transfer points, coal handling plant etc. Bag filters shall be provided to hoods and dust collectors to coal and coke handling to control dust emissions. Water sprinkling system shall be provided to control secondary fugitive dust emissions generated during screening, loading, unloading, handling and storage of raw materials etc.
- vi. Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB shall be followed.
- vii. Multi stage scrubber, cyclone and bag filters etc. to control particulate emissions within the prescribed limits shall be provided. Carbon mono-oxide (CO) shall also be monitored along with other parameters and standards notified under Environment (Protection) Act shall be followed. The reports shall be submitted to the Ministry's Regional Office, CPCB and SPCB.
- viii. The water consumption shall not exceed as per the standard prescribed for the steel plants.
- ix. Efforts shall further be made to use maximum water from the rain water harvesting sources. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources. Use of air cooled condensers shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly.
- x. All the effluents shall be treated and used for dust suppression and green belt development. No effluent shall be discharged outside the premises via drains and

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'zero' discharge shall be adopted. Domestic wastewater will be treated in the Sewage Treatment Plant.

- xi. Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act whichever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to the Ministry's Regional Office, SPCB and CPCB.
- xii. Risk Assessment and Disaster Management Plan for the project focussing on Disaster Prevention shall be prepared and implemented in conjunction with District Disaster Management Plan.
- xiii. A time bound action plan shall be submitted to reduce solid waste, its proper utilization and disposal.
- xiv. At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on 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 accordingly in a time bound manner. OK -
- xv. The Company shall submit their policy towards Corporate Environment Responsibility which shall inter-alia address (i) Standard operating process/procedure to bring into focus any infringement/deviation/violation of environmental or forest norms/conditions, (ii) Hierarchical system or Administrative order of the Company to deal with environmental issues and ensuring compliance to the environmental clearance conditions and (iii) System of reporting of non compliance/violation environmental norms to the Board of Directors of the company and/or stakeholders or shareholders.
- xvi. All the commitments made to the public during the Public Hearing / Public Consultation meeting shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office.
- xvii. 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.
- xviii. Haulage roads shall be sprinkled with water at regular intervals for which water tankers with sprinkler arrangement are deployed. Regular sweeping of roads shall be practiced with vacuum sweeping machine or water flushing to minimize dust.

- xix. Trucks carrying coal and other raw material shall be covered with tarpaulin to prevent spreading of dust during transportation.
- xx. Greenbelt of 20-30 meters in width and greenery shall be developed around storage yards, around plants, either side of roads and around the periphery of the industry as per CPCB Guidelines.

B. GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Punjab 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 PM₁₀, PM_{2.5}, SO₂ and NO_x 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 Chandigarh 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 19th May, 1993 and 31st 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 Chandigarh. 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 Chandigarh. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM₁₀, SO₂, NO_x (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 Chandigarh / CPCB / SPCB shall monitor the stipulated conditions.
- xiii. The environmental statement for each financial year ending 31st 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 Chandigarh 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 Chandigarh.

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.

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


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

11.0 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)
14/10/2015
Scientist 'F'

Copy to:-

1. The Secretary, Department of Environment, Govt. of Punjab.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
3. The Chairman, Punjab State Pollution Control Board, Vatavaran Bhavan, Nabha Road, Patiala-147001.
4. The Additional Principal Chief Conservator of Forests (C) Ministry of Environment, Forest & Climate Change, Regional Office (NZ) Bays No. 24-25, Sector-31 A, Dakshin Marg, Chandigarh-160030.
5. Guard File / Record File/Monitoring file.


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