

EC LETTER

F. No. J-11011/185/2013-IA II (I)
 Government of India
 Ministry of Environment, Forest and Climate Change
 (I.A. Division)

Indira Paryavaran Bhawan
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 Dated: 14th October, 2015

To

M/s Prime Steel Processors
 Village & Post Office- Jandiali,
 Budhewal Road, Chandigarh Road
 Ludhiana, Punjab

Email: pspldh@gmail.com: Fax No. - Nil

Subject: Expansion of Steel Manufacturing Unit by M/s Prime Steel Processors, located at Village Budhewal, Tehsil Kum Kalan, District Ludhiana Punjab - Environmental Clearance regarding.

Sir,

This has reference to your letter No. 'Nil' dated 11th June, 2015 along with copies of EIA/EMP report, proceedings of Public hearing and other documents seeking Environment Clearance under the provisions of the EIA Notification, 2006 regarding the project mentioned above. It has been noted that the said project was prescribed ToRs by MoEFCC vide letter of even number dated 15th October, 2013 for preparation of EIA/EMP report. The proposed project is covered under Category 'B' as per activity 3(a) of the Schedule of the EIA notification 2006. However, in view of location of project within 5 Km of the critically polluted area of Ludhiana, the project is appraised at Central level.

2.0 M/s. Prime Steel Processors have proposed to expand their Steel Manufacturing Unit at village Budhewal, Tehsil Kum Kalan, District Ludhiana, Punjab. The existing plant capacity is 21,000 MTPA of Steel Ingot/ Billets & 45,000 MTPA Steel Wire Rods. The existing plant obtained Consent to Establish from Punjab Pollution Control Board vide letter No.EE-L/2009/403/1296 dated 21.4.2009 for manufacturing of Ingots and Billets @ 54MT/Day. The Consent to Operate for the said unit was obtained vide letter No.EE-L/2010/403/208 dated 15.1.2010. M/s. Prime Steel Processors have proposed to enhance the capacity of product by adding two numbers of Induction Furnaces. The capacity of the unit after expansion will be 1,12,000 MTA of Steel Billets/ Ingots. The installed capacity of the project will be 1,57,000 MTPA for the following products:

MS Ingots (MTPA)	Existing	Additional	Total
	21,000	91,000	1,12,000
Wire Rods (MTPA)	45,000	-	45,000

3.0 The longitude and latitude of the project site is 75°59'41.90" E and 30° 52'56.67" N respectively. The proposed expansion will be carried out in an area of 11 acres. No Forest land is involved. No National Park, Wildlife Sanctuary is exists within 10 km radius of the project site. No court cases/litigation is pending against the project. Project cost is Rs. 45 crores (Existing: Rs.25 crores; Expansion: Rs.20 crores). Rs.48 lakhs and Rs.9.5 lakhs is earmarked for the capital cost and recurring cost per annum towards the environmental pollution control measures. Following Machinery will be in position in the unit:

S. No	Machinery	Existing	Proposed
1	Induction Furnace	2 No. (4.5 TPH)	2 No. (10TPH)
2	Magnetic Transfer System	2 No.	2 No.
3	Rolling Mill	1 No.	Nil
4	Heating furnace (Oil Fired)	1 No.	Nil.
5	Over Head Cranes	2 No.	2 No.
6	Gassifier	1No.	Nil

4.0 The total power available in unit is 5 MW. About 8MW additional power will be required for expansion. This demand will be met by sourcing the power from Punjab State Power Corporation Limited from the nearby Sub-station. Water consumption for the unit will be small as the requirements are only for cooling system where water will be re-circulated in a closed circuit. The existing water requirement is 11 KLD, which include about 4 KLD makeup water for cooling purpose and 7 KLD for domestic purposes. After expansion water requirement for domestic purpose will be 12 KLD & makeup water for cooling will be 13 KLD. The total consumption of fresh water after expansion will be 25 KLD which would be met from ground water through a tube-well already existing within the premises.

5.0 About 9.5 KLD waste water from the toilets is expected, which will be treated through septic tanks and the effluent will be used within the premises for landscaping and tree plantation. Solids from Air Pollution Control Device (Bag filter & Cyclone) will be disposed off at designated land filling site. Slag from furnace will be sent to cement plant for further use. It has been reported that no hazardous wastes will be generated during the melting process. However, the used oil from D.G. Set will be sold to authorized recyclers. There are no other hazardous wastes.

6.0 Public Hearing for the project was conducted by Punjab Pollution Control Board on 4th November, 2014 under the Chairmanship of Additional Deputy Commissioner, Khanna, Distt. Ludhiana. The major issues raised during the meeting inter alia includes pollution control, employment to the residents, Waste ash/slag disposal, developmental work for the benefit of local population etc.

7.0 The proposal was considered by the Expert Appraisal Committee (Industry) during its 43rd meeting held on 2nd -3rd July, 2015 and recommended the project for Environmental

Clearance and stipulated Specific Conditions along with other environmental conditions while considering the project for accord of Environmental Clearance.

8.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry) and hereby decided to grant Environmental Clearance to the above mentioned proposal of expansion of Steel Manufacturing Unit (from 21,000 MTA TPA to 1,12,000 TPA) and wire rod production of 45000 TPA of M/s Prime Steel Processors under the provisions of EIA Notification dated 14th September 2006, 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. For induction furnace and rolling mill, the PM levels should be 115 mg/Nm³.
- iii. The total water requirement shall not exceed 25 KLD. 'Zero' effluent discharge should be strictly followed and no wastewater should be discharged outside the premises.
- iv. Ambient air quality monitoring and continuous stack monitoring facilities for all the stacks should be provided and sufficient air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. should be provided.
- v. In-plant control measures and dust suppression system should be provided to control fugitive emissions from all the vulnerable sources. Dust extraction and suppression system should be provided at all the transfer points. 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 should 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 should be followed.
- vii. Risk and Disaster Management Plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of environment clearance letter.
- viii. Green belt should be developed in 33 % of plant area. Selection of plant species should be as per the CPCB guidelines in consultation with the DFO.
- ix. At least 5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on the concerns expressed during public consultation and commitment made therein for local need. The item-wise

details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Chandigarh. Implementation of such program should be ensured accordingly in a time bound manner.

- x. 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.

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, education programmes, drinking water supply and health care etc.

- ix. Requisite funds shall be earmarked towards capital cost and recurring cost/annun 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

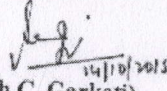
one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chandigarh.

- 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.

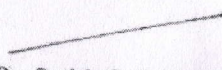
10.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

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)
Scientist 'F'

Copy to:-

1. The Secretary, Department of Environment, Govt. of Punjab, Chandigarh.
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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Scientist 'F'