

**F. No. J-11011/354/2012-IA II (I)**  
Government of India  
Ministry of Environment, Forest and Climate Change  
(I.A. Division)

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Dated: 19<sup>th</sup> February, 2016

To

**M/s Uttam Value Steel Ltd**  
(Formerly M/s Lloydsteel Industries Ltd)  
Uttam House 69, 4<sup>th</sup> Floor, P.D. Mello Road,  
Mumbai, Maharashtra-400009.

**Subject: Expansion of Steel plant (from 1.0 MTPA to 2.0 MTPA) at Bhugaon Link road, village Barbadi, Bhugaon and Selu kata tehsil Wardha, district Wardha, Maharashtra by M/s Uttam Value Steels Limited (Formerly M/s Lloydsteel Industries Ltd.) - Environment Clearance-regarding.**

Sir,

This has reference to your online proposal No. IA/MH/IND/30839/2012 dated 10<sup>th</sup> September, 2015 along with copies of EIA/EMP report seeking Environment Clearance under the provisions of the EIA Notification, 2006 for the project mentioned above. The Terms of Reference (ToRs) to the project were prescribed by the Ministry vide letter No. J-11011/354/2012-IA-II(I) dated 24<sup>th</sup> June, 2013. The proposed project activity is listed at S.No. 3(a) in Metallurgical industries (ferrous & non ferrous) under Category 'A' of the Schedule of EIA Notification 2006. Environmental Clearance for the existing project was accorded by the Ministry vide letter No. F.No. J-11011/77/2005-IA II (I) dated 21<sup>st</sup> June 2005 and dated 4<sup>th</sup> October, 2010.

2.0 M/s Uttam Value Steels Limited has proposed to expand the capacity of steel plant from 1.0 MTPA to 2.0 MTPA. The Project is located at Village(s) Barbadi, Bhugaon and Selukata, Tehsil and District Wardha, Maharashtra. The product includes Hot Rolled Coils, Cold Rolled Coils, Galvanized coils and Sheets, Colour Coated products, Pipes and Long products, along with Up-gradation and Modernization of Existing Facilities. Total plot area available with the project is 220 ha. The area under existing plant is 115 ha and the area available for the proposed expansion is 105 ha. The expansion project is being undertaken within the existing plant premises. No Forests land is involved. No National Park / Wildlife Sanctuary / Ecologically sensitive area are located within 10 Km radius. The total project cost for the expansion project estimated to be Rs. 3325.90 Crores. The capital outlay for environmental control measures estimated to be Rs. 290.35 Crores. Following table presents the details of the existing and the proposed project:

Sr. No	Name of Product	Production Capacity in MTPA		
		Existing	Proposed	Total
a.	Hot Rolled Coils/ sheets/ Plates	1.000	0.500	1.500
b.	Long Products	Nil	0.500	0.500
	<b>Total</b>			<b>2.000</b>
<b>Downstream Products</b>				
A	Cold Rolled Products	0.225	0.375	0.600
B	Galvanized Coils & Sheets	0.225	0.375	0.600
<b>Finishing Line</b>				
A	Colour Coating Line	Nil	0.300	0.300
B	Pipes	Nil	0.250	0.250

3.0 The total water required for the project including expansion would be estimated as 9970 m<sup>3</sup>/day. Water will be sourced from the Dham river near Pavnar, which is located 10 Km away from the project site. The company has obtained water drawl sanction from the Secretary, Irrigation Division, Mantralaya, Mumbai vide letter dated 28<sup>th</sup> August 1986 for drawl of 3.65 Million cubic meters. Minimum 33% of the proposed area will be used for Greenbelt. Total area proposed for development of green belt for both existing & proposed project would be about 75 ha. Following are the details of the raw material for the plant:

Sl No	Raw Material	Location	Mode of transport
1	Dolomite	Mandla (Madhya Pradesh) Korpana (Maharashtra)	By Road
2	Limestone	Jodhpur (Rajasthan) Wardha (Maharashtra) Katni (Madhya Pradesh)	By Road

4.0 Public Hearing was conducted on dated 24<sup>th</sup> June, 2015 under the chairmanship of Additional District Magistrate, at Zilla Krida Samkul Ground, in front of Police Head Quarter, Near Dr. Babasaheb Ambedkar Statue, Sewagram Road, Wardha. The major issues raised during the public hearing are water drawl from Wana / Vena River at Hinganghat, further development of infrastructure in terms of Roads in the villages, Drinking water, Schools premises and recreation, more employment to qualified and skilled local youth, More medical check-up to local villagers, Water pollution from the industry, Reduction of agriculture yields.

5.0 The matter was considered by the Expert Appraisal Committee (Industry-I) in its 1<sup>st</sup> EAC meeting held during 18<sup>th</sup> -20<sup>th</sup> November, 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.

6.0 The Ministry of Environment, Forest and Climate Change has considered the application based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant Environmental Clearance to the above mentioned proposal of Expansion of Steel plant (from 1.0 MTPA to 2.0 MTPA) under the provision of EIA

Notification dated 14<sup>th</sup> 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. Concrete floor shall be provided for storage of raw material to avoid leaching. Drainage channels all around the storage area should be constructed and the runoff should be treated in the treatment plant.
- iii. The proponent shall carry out R&D work through an expert agency to further reduce sulphur content in the emissions through stacks and submit report to Ministry and its Regional Office within 40 months.
- iv. No effluent shall be discharged outside the premises via drains and 'zero' discharge shall be adopted. Zero discharge should be functional once expansion project is commissioned. A period of 3 years from the date of commissioning of the project is granted for implementation of zero discharge. Domestic wastewater will be treated in the Sewage Treatment Plant.
- v. Used oil shall not be used for lubrication. The same shall be disposed to the authorized vendor.
- vi. Air pollution control devices viz. Electrostatic precipitator (ESP), and bag filters etc. shall be provided to keep the emission levels below 50 mg/Nm<sup>3</sup>.
- vii. 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.
- viii. 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.
- ix. 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.
- x. 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.

- xi. 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.
- xii. 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.
- xiii. 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.
- xiv. Trucks carrying coal and other raw material shall be covered with tarpaulin to prevent spreading of dust during transportation.
- xv. Greenbelt of 20-30 meters in width should be provided all around the periphery of the site. Greenery shall be developed around storage yards, around plants, either side of roads of the industry as per CPCB Guidelines.
- xvi. 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 Maharashtra 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  $PM_{10}$ ,  $PM_{2.5}$ ,  $SO_2$  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 Nagpur 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 19<sup>th</sup> May, 1993 and 31<sup>st</sup> 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 Nagpur. 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 Nagpur. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (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 Nagpur / CPCB / SPCB shall monitor the stipulated conditions.
- xiii. The environmental statement for each financial year ending 31<sup>st</sup> 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 Nagpur 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 Nagpur.
- 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.

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

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

9.0 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.

  
(Amardeep Raju)  
Scientist 'D'

**Copy to:-**

1. The Secretary, Department of Environment, Government Maharashtra.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.]

3. The Chairman, Maharashtra Pollution Control Board, "Kalpataru Point, 3rd and 4th floor, Opp. Cine Planet, Sion Circle, Road Number 8, Jay Bharat Mata Nagar, Air Force Quarters, Sion, Mumbai, Maharashtra 400022".
4. The Additional Principal Chief Conservator of Forests (C) of Ministry of Environment Forest & Climate Change Regional Office(WCZ),Ground Floor ,East Wing, New Secretariat Building, Civil Line,Nagpur-440001
5. Guard File / Record File/Monitoring file.

  
(Amardeep Raju)  
Scientist 'D'