

F. No. J-11011/1236/2007-IA II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi - 110003
E-mail: Sharath.kr@gov.in

Dated: 17th February, 2017

To

M/s Indian Metals & Ferro Alloys Limited
IMFA Building, Safarjun Enclave
New Delhi-11029.

Subject: Enhancement of production capacity of 2x27 MVA Ferro-Alloys Plant to produce HC Ferro Chrome/Charge Chrome from 76000 TPA to 96000 TPA without changing furnace capacity by M/s Indian Metals & Ferro Alloys Ltd., located at Kapaleswar, Choudwar, Cuttack, Odisha – Environmental clearance under clause 7(II) of EIA Notification, 2006, as amended regarding

This has reference to your online application No. IA/OR/IND/59721/2007 dated 15th October, 2016 for the project mentioned above.

2.0 The environmental clearance to the proposal of expansion of Ferro Chrome Plant (27 MVA to 54 MVA, 38,000 to 76,000 TPA) of M/s Utkal Manufacturing & Services Ltd. located at Tangi Choudwar, District Cuttack, Orissa was accorded Environmental Clearance by the Ministry vide letter No. J-11011/1236/2007-IA.II(I) dated 3rd June 2009. Subsequently, the Environmental Clearance was transferred in the name of M/s Indian Metals & Ferro Alloys Limited from M/s Utkal Manufacturing & Services Ltd. The proposed project activity is listed at S.No. 3(a), under category 'A' of the Schedule of EIA Notification, 2006 and appraised at the Central level.

3.0 The proponent has now requested to enhance the production capacity of 2x27 MVA Ferro-Alloys Plant to produce HC Ferro Chrome/Charge Chrome from 76,000 TPA to 96,000 TPA without changing furnace capacity and has applied to the Ministry for expansion of the plant under clause 7(ii) of the EIA Notification, 2006.

4.0 It has been explained that there will be change in the furnace lining. Now by thinner lining, the volume will be increased. Therefore the capacity will be increased. The RO, Bhubaneswar conducted the site visit and submitted the compliance report vide letter No. 101-367/EPE/1792 dated 4.10.2016. The Compliance report was discussed during the EAC meeting and the Committee was satisfied with the compliance status of the project.

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Environmental Clearance for 'Enhancement of production capacity of 2x27 MVA Ferro-Alloys Plant to produce HC Ferro Chrome/Charge Chrome from 76000 TPA to 96000 TPA without changing furnace capacity by M/s Indian Metals & Ferro Alloys Ltd., located at Kapaleswar, Choudwar, Cuttack, Odisha.'

5.0 The proposal was considered during the 5th meeting of Expert Appraisal Committee (EAC) (Industry-I) held on 30th – 31st March, 2016 and 12th meeting held on 27th -28th October, 2016 and recommended the proposal for environmental clearance under clause 7(ii) of EIA Notification, 2006 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 'Enhancement of production capacity of 2x27 MVA Ferro-Alloys Plant to produce HC Ferro Chrome/Charge Chrome from 76000 TPA to 96000 TPA without changing furnace capacity by M/s Indian Metals & Ferro Alloys Ltd located at Kapaleswar, Choudwar, Cuttack, Odisha' under Clause 7(ii) of EIA Notification, 2006, subject to strict compliance of the following Specific and General conditions:

SPECIFIC CONDITION:

- i. The project proponent should install 24x7 air monitoring devices to monitor air emission and submit report to Ministry and its Regional Office.
- ii. All conditions stipulated in the earlier ECs granted to the project should be strictly adhered to.
- iii. Project proponent shall install a facility for treatment and recycling of kitchen waste.

GENERAL CONDITIONS:

- i. The project authorities must strictly adhere to the stipulations made by the Odisha 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 Shillong 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 Shillong. 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 Shillong. 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 Bhubaneswar / 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 Bhubaneswar by e-mail.

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Environmental Clearance for Enhancement of production capacity of 2x27 MVA Ferro-Alloys Plant to produce HC Ferro Chrome/Charge Chrome from 76000 TPA to 95000 TPA without changing furnace capacity by M/s Indian Metals & Ferro Alloys Ltd. located at Kapatlaswar, Choudiwar, Cuttack, Odisha.

- 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 Bhubaneswar.
- 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.

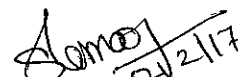
8.0 The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

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.


(Sharath Kumar Pallerla)
Scientist 'F'

Copy to:-

1. The Secretary, Department of Environment, Government of Odisha.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi, 110 032.
3. The Chairman, Orissa Pollution Control Board, "Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar-751012.
4. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (EZ), A/3, Chandrasekharpur, Bhubaneswar – 751023.
5. Guard File / Record File/Monitoring file.


(Sharath Kumar Pallerla)
Scientist 'F'

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Environmental Clearance for 'Enhancement of production capacity of 2x27 MVA Ferro-Alloys plant to produce 10 Ferro Chrome/Charge Chrome from 76000 TPA to 99000 TPA without changing furnace capacity by M/s Indian Metals & Ferro Alloys Ltd., located at Kapatalswar, Choudwar, Cuttack, Odisha.'