



# JHARKHAND STATE POLLUTION CONTROL BOARD

T.A. DIVISION BUILDING (GROUND FLOOR), H.E.C., DHURWA, RANCHI-834004

Phone.:2400852, 2400851, Fax:0651-2400850, Web Site:www.jspcb.org

Ref.No. ....

Date:.....

## Consent to establish (CTE) under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

1. Reference: Application(s) No. **14159** dated **29.08.2009** of **M/s. Bihar Foundry & Castings Ltd, Unit: Gautam Ferro Alloys (Expansion), Marar, Ramgarh Industrial Area, Distt.-Ramgarh** (occupier) for consent to establish (NOC) under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

### 2. The documents relied upon :

- The content of Environmental Clearance (EC), Ref No. J-11011/384/2010-IA-II(I), dated 31.10.2011 issued by Ministry of Environment and Forest, Govt. of India, New Delhi
- The contents of application for consent to establish/NOC, Project report and the documents furnished in support of application.
- The content of inspection report, Ref No. **344**, dated **03.02.2014**, of Regional Office-Cum-Laboratory/ Regional Office, Hazaribagh of the Board.

3. The consent to establish (CTE)/NOC is granted to bring into use or altered outlets for discharge of sewage/ begin to make new discharge of sewage under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and to operate industrial plant under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 with the terms and conditions, as follows :

Project Cost	Site	Product(s)	Existing Capacity	Capacity after Expansion
Rs. 9.6524 crore	Plot No. 1405 Ramgarh Ind. Area Marar, Ramgarh	Ferro Alloys Silico/ Manganese	26 TPD	40 TPD

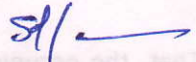
- That, the occupier shall construct pucca (i) minimum ten feet high boundary wall and (ii) approach road and internal roads and shall keep the premises neat and clean and tidy.
- That, the occupier shall install comprehensive enclosure (s) over the places of unloading of raw materials, the equipments of their processing & transferring, the places of loading of products, by products and wastes for prevention of fugitive emission and shall install such automatic system(s) that in house dust/ gases collect(s) and undergo(es) cleaning in Bag Filter/ Wet Scrubber/ Cyclone Separator/ Gravity Chamber and clean air goes out.
- That, the occupier shall install such automatic system(s) that process flue gas(es) / process gas(es) and undergo(es) cleaning in Bag Filter/ Wet Scrubber/ ESP/Cyclone Separator/ Gravity Chamber and clean air go(es) out through the chimney(s), having height(s) as per Central Pollution Control Board norm.
- That, the occupier shall keep D G Set(s) within acoustic enclosure (s) and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.
- That, the occupier shall impart treatment as per Central Pollution Control Board text to wastewater and shall keep process effluent in close-circuit and effluent from other sources in conformity with the standard (s) prescribed by the Board.

- (6) That, the occupier shall maintain the concentration of respirable suspended particulate matter (RSPM) in ambient air within 100 µg/ Nm<sup>3</sup>; the concentration of particulate matter in stack emission within 150 mg/ Nm<sup>3</sup>; and the concentration of Oil & Grease within 10 mg/ Litre, Total Suspended Solids within 100 mg/ Litre and Biochemical Oxygen Demand (BOD) within 30 mg/ Litre and shall submit report duly monitored and issued by NABL accredited laboratory monthly/ quarterly/ six monthly/ annually.
- (7) That, the occupier shall install systems for online monitoring of ambient air quality and stack emission and effluent quality with connectivity to Jharkhand State Pollution Control Board server.
- (8) That, the occupier shall establish well equipped environmental laboratory with facilities to monitor at least all regulatory parameters and duly accredited by NABL.
- (9) That, the occupier shall dispose of carbonaceous hazardous and non-hazardous solid wastes for co-processing in high temperature kilns/ furnaces and shall dispose of non-carbonaceous hazardous wastes to TSDF and shall use non-carbonaceous non-hazardous solid wastes or mine overburden as a substitute of live soil or as a land fill.
- (10) That, the occupier shall install Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge.
- (11) That, the occupier shall create new water body (ies) / remove deposit(s) of existing water body(ies) and nearby stream(s) and pond(s) and shall maintain the wholesomeness of water.
- (12) That, the occupier shall grow greenery in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
- (13) That, the occupier shall reduce the wastage of resources like man, money and material to minimum by self introspection and gradual retrofitting using Environmental Statement under rule 14 of the Environment (Protection) Rules, 1986.
- (14) That, the occupier shall abide by applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules there under.

**4. This order shall not be valid if any of the document(s)/ report (s) is forged or invalid or is based on forged or invalid document (s).**

**5. This order is valid subject to possession of encumbrance-free land, plant, premises and raw materials.**

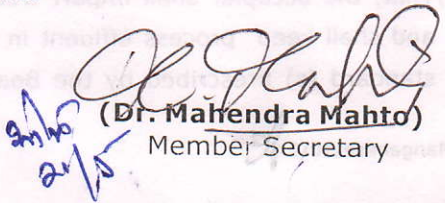
**6. This N.O.C. is valid for a period of six months from the date of issue.**

  
(Dr. Mahendra Mahto)  
Member Secretary

Memo no. Pc/NOE/HBG/288/09/D-1510CN

Ranchi, Dated 21.05.17

**Copy forwarded to: M/s. Bihar Foundry & Castings Ltd, Unit: Gautam Ferro Alloys (Expansion), Marar, Ramgarh Industrial Area, Distt.-Ramgarh/Chief Inspector of Factories, Doranda, Ranchi/ Deputy Commissioner, Ramgarh/Managing Director, Ramgarh Industrial Area, Ramgarh/Regional Office, J.S.P.C.Board, Hazaribagh/concerned officer dealing with consent.**

  
(Dr. Mahendra Mahto)  
Member Secretary