



JHARKHAND STATE POLLUTION CONTROL BOARD
T.A Division Building (Ground Floor) HEC Campus, Dhurwa, Ranchi- 834004.
Phone No:-0651- 2400852, 2400851, Fax No:- 2400850.

Ref.no.....

Ranchi, Dated.....

No Objection Certificate (Consent to establish) 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 no. 14558 dated 04.01.2010 of M/s. Bihar Foundry & Castings Ltd., (H.A.Sponge & Power), Shri Gaurav Budhia, Director, Marar, Ramgarh Industrial Area, Ramgarh for establishment of Sponge Iron, Induction Furnace, Rolling Mill & Captive Power Plant under Expansion of Steel Plant at existing Plot No. 1364 Mauza- Ramgarh Industrial Area, P.O. Marar, Dist.Ramgarh. The production capacity and proposed investment of the industry will be as follows :-

S.No.	Details of production	Existing	Proposed Capacity TPA
1.	Sponge Iron (3x100 TPD)	-	99,000
2.	Ingot/Billets	33,660	75,000
3.	MS Structure & Bars	16,500 (50 TPD)	49,500 (150 TPD)
4.	Captive Thermal Power Plant	-	10 MW
5.	WHRB	-	6 MW
6.	AFBC	-	4 MW

Proposed investment :-

74.00 Crore.

2. The documents relied upon :

- (i) The contents of N.O.C. application, Project report, EMP and the documents furnished in support of application.
- (ii) The related provisions of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986.
- (iii) On the basis of TOR & Envr. Clearance issued by the MOEF, Govt.of India, New Delhi vide Letter No.J-11011/310/2009-IA II(I) dated 06.07.2009 & 28.01.2010.

3. After considering the above, N.O.C. (Consent to establish) is accorded subject to the compliance of the following conditions :-

- (i) That, the proponent shall obtain consent to operate from State Pollution Control Board 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 prior to commissioning of the plant.
- (ii) That, the proponent shall install water meter to measure the water to be consumed for different purposes to meet the requirement of the water, furnish returns of water to be consumed and pay water-cess under the Water (Prevention & Control of Pollution) Cess Act, 1977.
- (iii) That, the proponent shall obtain authorization under the Hazardous Waste (Management & Handling) Rules, 1989, the Bio-medical Waste (Management & Handling Rules, 1998 and the Municipal Solid Waste (Management & Handling) Rules, 2000 whichever is applicable. The wastes shall be disposed off in the manner as specified in respective Rules.

- (iv) That, the proponent shall abide by the provisions of Environment (Protection) Act, 1986 and shall maintain the quality of effluent, emission, ambient air quality and noise level in conformity with the standards prescribed in the Environment (Protection) Rules, 1986 and **shall install online monitoring systems for having facility to transmit data in Jharkhand State Pollution Control Board , Head Office.**
- (v) That, the proponent shall collect and treat the effluent in foolproof latest system and shall recycle treated effluent to the system for reuse and shall ensure the discharge of effluent (if at all necessary) in upstream of the water intake point.
- (vi) That, the proponent shall make stack(s) of the height and with the provision (s) of emission monitoring port hole(s), ladder (s) and platform(s) as prescribed by the Central Pollution Control Board.
- (vii) That, the proponent shall ensure continuous and uninterrupted power supply with provision of separate energy meters for the pollution control systems to enable the pollution control systems to function uninterruptedly.
- (viii) That, the proponent shall submit the reports of Effluent, Emission, Ambient air quality and Noise level monitored before and after commissioning of the plant.
- (ix) That, the proponent shall use D.G. set(s) of standard as prescribed in the Environment (Protection) Rules, 1986 and shall house it (them) in integral acoustic enclosure(s) and shall keep the height of exhaust pipe as per Central Pollution Control Board norms.
- (x) That, the proponent shall install fixed water sprinklers to cover all the dusty places in the premises to impart water spraying intermittently and during loading and unloading of raw materials/products and wastes.
- (xi) That, the proponent shall do tree plantation in at least 33% of the area of the land.
- (xii) That, the proponent shall implement plan of rainwater harvesting with establishment of the project. The rain water to be harvested should not be less than quantity of water to be consumed in the unit.
- (xiii) That, the proponent shall install air pollution control devices such as dust catcher, cyclone separator, Bag filters, venturi scrubber, ESP etc. in suitable combination to control emission.
- (xiv) That, the proponent shall keep the particulate matters emission in Sponge Iron Plant within 100 mg/Nm³.
- (xv) That, the proponent shall make all roads pucca within the premises and shall maintain a good house keeping by regular cleaning and wetting of the roads and dust prone areas.
- (xvi) That, the proponent shall store all raw materials and products under shed and shall as far as practicable do their processing and transfer under foolproof cover.
- (xvii) That, the proponent shall comply the conditions of Environmental Clearance issued by the Government of India, Ministry of Environment & Forest, New Delhi.
- (xviii) That, the proponent shall install waste heat recovery boiler and circulatory fluidized bed combustion boiler simultaneously with DRI Plant.

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- (xix) That, all the char from DRI Plant shall be utilized in CFBC boiler of Power Plant and no char shall be disposed off anywhere else.
- (xx) That, the proponent shall implement all pollution control measures recommended in EMP.
- (xxi) That the proponent shall use fly-ash and or fly ash bricks in construction of the project and the fly ash generated from the power plant shall be disposed off as per the provisions of the fly-ash notification, 1999.
- (xxii) That, the proponent shall maintain the quality and table of ground water.
- (xxiii) That, the proponent shall keep the waste water in close circuit.
- (xxiv) That, the proponent shall transport all raw materials by covered means.
- (xxv) That, the proponent shall adopt clean development mechanism.
- (xxvi) That, the proponent shall implement recommendations of CREP.
- (xxvii) That, the proponent shall use all solid wastes as resource/raw material/product since their generation.
- (xxviii) That, consent to operate will be given subject to compliance of above mentioned conditions.

4. This shall be valid subject to authenticity of documents furnished in support of application and bonafide ownership and possession of the land by the proponent.

5. The Jharkhand State Pollution Control Board reserves the right to revise and/or add any other conditions, if necessary, for the protection of Environment and to ensure pollution control or any.

6. The present N.O.C. should not be considered as an assurance for granting consent to operate the proposed plant and is subject to installation of all pollution control devices and their monitoring facilities with establishment of the facilities and compliance of all conditions as mentioned above.

7. This N.O.C. is valid for a period of one year from the date of issue.

Sd/-
(R.K. Sinha)
Member-Secretary

Memo no.....632

Ranchi, Dated. 18-2-10

Copy forwarded to : M/s. Bihar Foundry & Castings Ltd., H.A.Sponge & Power), Shri Gaurav Budhia, Director, Marar, Ramgarh Industrial Area, Ramgarh /Chief Inspector of Factories, Doranda, Ranchi/Director Industries, Govt. of Jharkhand, Ranchi/Deputy Commissioner, Ramgarh/Regional Office, J.S.P.C.Board, Hazaribagh/concerned officer dealing with consent.

R.K. Sinha 18/2/2010
(R.K. Sinha)
Member-Secretary