



CW

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. PC/NOC/JSR/02/11-1414

Ranchi, Dated 8.1.13

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. 25679 dated 13.12.2012 of M/s. Jamshedpur Minerals & Chemicals, 410, Ashiana Trade Centre, Adityapur, Dist. Saraikela Kharsawan for setting up a Plant for manufacturing of Ferro Manganese, Ferro Molybdenum & Ferro Titanium at Plot No. B-29 (P) Phase-VI, Mauza-Adityapur Industrial Area, P.O. Gamharia, Dist. Saraikela Kharsawan. The production capacity and proposed investment of the industry will be as follows :-

Ferro Manganese:	4800 TPA
Ferro Molybdenum	600 TPA
Ferro Titanium	600 TPA
Proposed investment :-	98.40 Lakh.

2. The documents relied upon :

- (i) The contents of N.O.C. application, Project report 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) Public Hearing conducted on 11.01.2011.
- (iii) On the basis of Environmental Clearance issued by MOEF vide letter no. F. No.J-11011/76/2011-IA-II (I) dated 27.11.12.

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, 200 whichever is applicable.
- (iv) That, the proponent shall abide by the provisions of the Environment (Protection) Act, 1986 and submit the reports of effluent, emission, ambient air quality and noise level monitored before and after commissioning of the plant in compliance of the standards prescribed in the Environment (Protection) Rules, 1986.
- (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 up stream 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 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 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.
- (ix) That, the proponent shall dispose of hazardous wastes, bio-medical wastes, municipal solid wastes and batteries wastes (whichever is applicable) in the manner as specified under respective Rules.
- (x) That the proponent shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently.
- (xi) That, the proponent shall do tree plantation in at least 33% of vacant spaces of the premises.
- (xii) That, the proponent shall implement plan of rainwater harvesting with establishment of the project duly approved by the Directorate of Ground Water, Government of Jharkhand.
- (xiii) That, the total water requirement shall not exceed 1.5 m³/day. Zero effluent discharge shall be strictly followed and no waste water should be discharged out side the premises.
- (xiv) That, the proponent shall install air pollution control devices such as fume extraction system with bag filter etc. to control emission within prescribed limit.
- (xv) That, the proponent shall make arrangements to control secondary fugitive emission from all the sources within the latest permissible limits issued by the Ministry and shall be monitored regularly.
- (xvi) That, the proponent shall make all roads pucca inside the premises and shall maintain a good house keeping by regular cleaning and wetting of the roads and dust prone areas.
- (xvii) 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(s) and shall install dust catchers over uncovered spaces of processing and transfers.
- (xviii) That, the proponent shall install on-line stack monitoring system with connectivity of data to Head Office, Ranchi.
- (xix) That, the proponent shall use slag produced in Ferro Manganese production in manufacture of Silico-Manganese.
- (xx) That, the proponent shall use all the Ferro Alloys Slag in the preparation of building materials.
- (xxi) That, the proponent shall not manufacture Ferro Chrome without prior approval from Ministry of Environment & Forest, Govt. of India, New Delhi.
- (xxii) **That, the proponent shall comply all the specific and general condition imposed in Environmental Clearance issued by the MOEF vide letter no. F. No.J-11011/76/2011-IA-II (I) dated 27.11.12.**

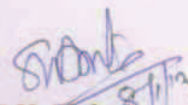
- (xxiii) That, the proponent shall submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data to the Regional Office of MOEF, the respective Zonal Office of Central Pollution Control Board and the State Pollution Control Board.
- (xxiv) That, the proponent shall use fly ash and or fly ash bricks in construction of the project.
- (xxv) That, the proponent shall maintain the quality and table of ground water.
- (xxvi) That, the proponent shall keep the waste water in close circuit.
- (xxvii) That, the proponent shall use all solid wastes as resource as a raw material or a product.
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 six months from the date of issue.

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

Memo no. PC/NOC/JSR/251/08-16114

Ranchi, Dated.....8.1.13

Copy forwarded to : M/s. Jamshedpur Minerals & Chemicals, 410, Ashiana Trade Centre, Adityapur, Dist. Saraikela Kharsawan /Chief Inspector of Factories, Doranda, Ranchi/Director Industries, Govt.of Jharkhand,Ranchi/Deputy Commissioner, Saraikela Kharsawan /Regional Office, J.S.P.C.Board, Jamshedpur/concerned officer dealing with consent.


(S.K. Sinha)
Member-Secretary

