



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref. No. PC/JSR/Air/J-76/14/...*64376*

Ranchi, Dated *25.11.14*

Consent to operate (CTO) 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) dated **23.08.2014** of M/s. Jamshedpur Minerals & Chemicals, At – B-29(P), Adityapur Industrial Area, Phase – VI, Gamharia, Dist. – Saraikela Kharsawan (occupier) for consent 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. **Documents Relied Upon:**

- (a) The content of Consent-to-Establish (CTE), Ref No. **G-114** Ranchi, Dated **06.01.2013**
- (b) The content of Inspection Report (I/R), Ref No. **2431** Regional Officer, Regional Office-Cum-Laboratory, Jamshedpur, Dated **17.09.2014**
- (c) The content of Environmental Clearance No. **J-11011/76/2011-IA-II (I)**, Dated **27.11.2012**

3. The consent is granted 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 to operate the project in **Mauza – Adityapur Industrial Area, P.O. – Gamharia, Dist. – Saraikela Kharsawan**, as follows:

Project	Plot No.	Area	Investment (Rs)	Product & Capacity	Period	
					From	To
Before Expansion	B-29 (P), Phase VI, Adityapur Industrial Area, Gamharia, Dist. – Saraikela Kharsawan	0.46 Acres	98.40 Lakh	Ferro Manganese : 4800 TPA Ferro Molybdenum – 600 TPA Ferro Titanium – 600 TPA	Date of Issue	30.09.2015

(A) **General Conditions :**

- i. That, the occupier shall comply with all conditions of CTE Ref. No. **G-114** Ranchi, Dated **06.01.2013** shall submit report to this effect with supporting documents.
- ii. That, the occupier shall maintain the ambient air quality within the standard given below:

S N	Parameter	Standard
I	Respirable Suspended Particulate Matter (24 hrs.)	100 µg/ Nm ³
II	Sulphur Dioxide (24 hrs.)	80 µg/ Nm ³
III	Oxides of Nitrogen (24 hrs.)	80 µg/ Nm ³

- iii. That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S. N.	Parameter	Standard
I	Particulate Matter	100 mg/ Nm ³

- iv. 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.
- v. That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

S N	Parameter	Standard
I	Total Suspended Solids	100 mg/L
II	BOD	30 mg/L
III	COD	250 mg/ L
IV	Oil & Grease	10 mg/ L

- vi. That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge.
- vii. That, the occupier shall create and maintain new water body (ies) / remove deposit(s) of existing water body(ies)/ nearby stream(s) and pond(s) and well(s) and shall maintain the wholesomeness of water.
- viii. That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
I	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
II	Hazardous Non-Carbonaceous Wastes	In TSDF
III	Non-carbonaceous non-hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

- ix. That, the occupier shall grow and maintain greenery in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
- x. That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year.
- xi. That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited laboratory in compliance of sub-para (ii), (iii), (v) and (viii) of general condition monthly/ quarterly/ six monthly/ annually.
- xii. That, the occupier shall comply with all 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.

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(B). Specific Conditions:

- i. That, the occupier shall install and operate systems for online monitoring of ambient air quality and stack emission and effluent quality with connectivity to Jharkhand State Pollution Control Board server.
 - ii. That, the occupier shall establish and operate well equipped environmental laboratory with facilities to monitor at least all regulatory parameters and duly accredited by NABL.
 - iii. That, the occupier shall operate and maintain air pollution control equipment such as fume extraction system, Bag filters, Cyclone separators regularly.
 - iv. That, the occupier shall make necessary arrangement for control of secondary fugitive emission and shall follow the guidelines/code of practice issued by Central Pollution Control Board.
 - v. That, the occupier shall not use charcoal as fuel and Pet coke shall be used as fuel.
 - vi. That, the total water requirement shall not exceed 1.5 m³/day.
 - vii. That, the occupier shall utilize slag produced in Ferro-Manganese production in manufacture of Silica Manganese and shall utilize other ferro alloy slag in the preparation of building materials.
 - viii. That, the occupier shall not utilize ferro chrome without prior approval from Ministry of Environment, Forest & Climate change.
 - ix. That, the occupier shall comply all the conditions mentioned in environmental clearance and NOC within one month.
 - x. That, the occupier shall submit applications for renewal of consent 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 again 120 days prior to the date of expiry of this consent i.e. **30.09.2015**, with requisite fee and documents showing compliance of all of the above conditions.
4. This order shall be valid subject to all compliance(s)/statutory clearance (s) under all other applicable laws to the unit.

This is issued with the approval of the competent authority

Sd/-

[R.N. Kashyap]
Board Analyst

Memo No. PC/JSR/Air/J-76/14/..... *94396* ✓

Ranchi, Dated *25.11.14*

Copy to: M/s. Jamshedpur Minerals & Chemicals, At – B-29(P), Adityapur Industrial Area, Phase – VI, Gamharia, Dist. – Saraikela Kharsawan /the Director of Industry, Government of Jharkhand, Ranchi/ the Deputy Commissioner, Saraikela Kharsawan/ the Chief Inspector of Factories, Ranchi/ the Regional Office-cum-Laboratory, Jamshedpur for information & necessary action.

R.N. Kashyap
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Board Analyst