



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

CPCB-B 33014/31/2017/IPC-II/

19264

SPEED POST
February 13, 2018

To

M/s Jharkhand Ispat Pvt. Ltd.,
Vill & P.O. Hesla, Argada
Ramgarh, Ramgarh Cantt. - 829122
Jharkhand.

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 – Closure thereof.

WHEREAS, integrated iron and steel plants and sponge iron units are identified as one of the 17 categories of highly polluting industries which have been discharging environmental pollutants directly or indirectly into the ambient air and water, having potential threat to cause adverse effect on the water and air quality; and

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, there is a need to inculcate habit of self-monitoring within the industries for complying with the prescribed standards and this can be achieved by the methods like installing online effluent and emission monitoring devices; and

WHEREAS, for strengthening the monitoring and compliance through self-regulatory mechanism, online source emission and effluent monitoring systems need to be installed and operated by the industries on 'polluter pays principle'; and

WHEREAS, a direction under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 was issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for installation of online emission monitoring system w.r.t. PM and SO₂ parameters & online effluent monitoring system w.r.t. pH, flow, BOD, COD and TSS in iron & steel industries; and

WHEREAS, considering the requests/ representations received from industries/ industrial associations/ SPCBs / PCCs, an extension of time up to June 30, 2015 for installation of online monitoring systems was granted vide directions dated March 02, 2015 under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981; and

WHEREAS, concerned SPCB/ PCC issued directions under section 33A of the Water (Prevention & Control of Pollution) Act, 1974 and section 31A of the Air (Prevention & Control of Pollution) Act, 1981 to install the online monitoring system by June 30, 2015 and submit bank guarantee of 100% of the cost of online emission & effluent monitoring system; and

WHEREAS, the Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof;

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M/s Jharkhand Ispat Pvt. Ltd., Vill & P.O. Hesla, Argada Ramgarh, Jharkhand.

WHEREAS, in view of complaints letter dated 27.07.2017 from M/s. Pradushan Mukh Abhiyan Samiti, Ramgarh, Jharkhand and MoEFCC letter No. Q-16016/72/2017-CPA dated 01.06.2017, 24.07.2017 and 18.08.2017, the name of aforesaid industry was proposed for inspection to CPCB, IT Division.

WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 05.12.2017 and made the following observations:

- The unit has installed 4 kilns of 100 TPD capacity each produce sponge Iron (400 TPD and Billet plant with a capacity of 240 TPD and CTO was issued only for Sponge Iron 2 x 100 TPD valid up to 30.9.2019 with a condition that the unit shall not operate another 2 x 100 TPD DRI kiln & 240 TPD Billet plant without EC and prior consent from the Board. However, the HC of Jharkhand vide order dt 24.3.2014 kept in abeyance the enforcement of the above condition and the case is still pending.
- **HW authorization expired on 4.8.2007 and the renewal application dt 16.8.2013 is pending with SPCB.**
- **The ECS are not adequate and leakages are found in the emergency caps of sponge iron units.**
- **The duct line connecting Gas Cooling Tower with ESP was found damaged and only a part of emission was passed through the stack and OCEMS analyzers, rests are bypassed through safety caps.**
- **The emission control devices attached to kilns are not adequate and found damaged as the PM emission from Stack-1 (243 mg/Nm³) and Stack-2 (378 mg/Nm³) was found exceeding the standard (100 mg/Nm³). Only a part of total emission was passing through the stacks and was shown the aforesaid record.**
- **High emission was also observed from product-bin. The stack height is not adequate and as directed by SPCB it needs to be increased to 55 m for DRI kilns and to 30 m for bag filters. The interlocking system to prevent by-passing of emission through safety caps is not provided.**
- **No information was provided regarding calibration of the OCEMS.**
- The wastewater generated is collected in a pond and recycled to achieve ZLD. Water source is Damodar river which is 800 meter away from the unit.

WHEREAS, as per the IT Div report dt 11.1.2018, the unit has installed/connected online monitoring system for PM and SO₂ in Stack-1(Kiln 1 & 2) and Stack-2 (Kiln 3 & 4) and Flow / camera for effluent.

NOW, THEREFORE, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s Jharkhand Ispat Pvt. Ltd., Hesla, Ramgarh, Jharkhand hereby directed to close its operations. Industry shall be permitted to operate only after compliance of the following measures

1. The unit shall upgrade the existing Air Pollution Control Devices to ensure compliance of prescribed emission standards, repair/upgrade and maintain ESP duct lines connected to various process units to prevent leakages and ensure proper collection and treatment of emission through APCDs before discharge through chimney, and submit adequacy report form Govt. Institute in this regard.
2. The unit shall provide interlocking system at safety cap to prevent by-passing of emission.
3. The unit shall submit plan to increase the stack height to 55 m for DRI kilns and to 30 m for bag filters in shortest time.
4. The unit shall take necessary steps to obtain EC and Consents and Authorization to handle hazardous wastes from MoEFCC and SPCB respectively, inform CPCB time limit in this regard and comply with the orders of Hon'ble HC of Jharkhand at Ranchi in this regard.




The unit M/s Jharkhand Ispat Pvt. Ltd., Hesla, Ramgarh, Jharkhand shall submit the compliance within 15 days from the issue of these directions. Further, the industry shall not restart its operation without written permission of CPCB. Failure to comply with the above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.


15/2/18
[S.P. Singh Parihar]

Chairman

Copy to:

1. **The Chairman**
Jharkhand State Pollution Control Board
T.A. Bldg., HEC, P.O. Dhurwa,
Ranchi - 834004. : With a request to ensure compliance of this direction & to submit action taken report
2. **The District Magistrate**
Ramgarh, Jharkhand : With a request to ensure compliance of this direction & to submit action taken report
3. **The Chief Engineer (Commercial)**
Jharkhand Bijli Vitran Nigam Ltd.
Engineer's Building, Dhurwa
Ranchi : With request to disconnect electricity w.r.t. operation of industry & power supply to continue only for domestic and security purpose.
4. **The Additional Secretary (AKM), CP Division**
MOEFCC, Prithvi Wing, 2nd Floor, Room No. 216, Indra
Paryavaran Bhawan.
Jor Bagh Road, New Delhi - 110003 : For information please.
5. **The Regional Director (East)**
CPCB, Southend Conclave.
Block 502, 5th & 6th Floors, 1582
Rajdanga Main Road,
Kolkata-700107. : For information please.
- ✓ 6. **The Incharge, IT Division, CPCB, Delhi.**
7. **The Incharge, I/c IPC-VI CPCB, Delhi.**


[A. Sudhakar]
Member Secretary