



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

SPEED POST
October 20, 2017

CPCB-B 33014/18(IronSteel)/2017/IPC-II/

12239

To

M/s Anindita Steels Ltd.
Senegarha, Rabodh,
Hazariabagh, 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 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, during monthly verifications of OCEMS data by the CPCB IT division it is observed that the unit remains one of the top non-complying units with respect to exceedance SMS alerts/Offline status during January to February 2017; and

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M/s Anindita Steels Ltd. Hazariabagh, Jharkhand

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032

Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030, 22305792, वेबसाइट/Website : www.cpcb.nic.in

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; and

WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 23.08.2017 to check the compliances and observed the following points:

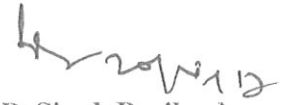
- Jharkhand SPCB issued CTO under Water and Air Acts valid up to 31.03.2018 to manufacture Sponge Iron (4x 100 TPD) using Four (4) Kiln of 100 TPD capacity each. The Hazardous waste authorization is valid up to 30.09.2018. Kilns 1 & 3 were operational at the time of inspection.
- Wastewater collected in the centralized pit near the coal handling area is recycled back to the process.
- There are 2 stacks attached to 4 kilns and as per IT Division Report dt 11.10.2017 (F/2) both the stacks are connected online to CPCB server for monitoring PM and SO₂. Flow meter and camera also installed at wastewater recirculation points.
- Air Pollution Control Devices (ESPs) are provided with all the Kilns but found not operating properly. Flue gas from Kilns 1 & 2 is not discharged through the stack due to major damages / leakages in the duct line. Flue gas velocity was monitored at Stack-1 (Kiln 1 & 2) and found to be zero but online analyser displays a reading of 52 mg/Nm³ for PM and 20 ppm for SO₂ indicating improper function of online monitoring system also.
- Particulate matter emission monitored at Stack-2 (connected to Kiln 3) showed concentration of 9181 mg/Nm³ against consent standard of 100 mg/Nm³ indicating a severe air pollution. The online analyser for PM was showing a reading of '000', indicating non-functioning of the online monitoring system.

NOW, THEREFORE, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 you are directed to close your operation immediately. You shall be permitted to operate only after compliance of the following measures:

- (i) The unit shall replace the damaged flue gas duct line attached to Stack-1 (Kilns 1 & 2) and upgrade the existing air pollution control devices so as to channelize the flue gas through the stack and meet the prescribed emission standards.
- (ii) The unit shall upgrade the air pollution control device attached to Stack – 2 so as to meet the prescribed emission standards.
- (iii) The unit shall calibrate and operate the online emission monitoring analysers regularly so as to ensure proper data generation and maintain minimum difference between monitored and online measured values.

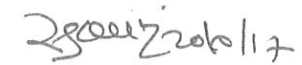
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The unit M/s Anindita Steels Ltd. Senegarha, Rabodh, Hazaribagh, Jharkhand shall submit the compliance within 15 days from the issue of these directions. Further, the industry shall not operate without written permission of CPCB. Failure to comply with the above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.


[S.P. Singh Parihar]
Chairman
20/10/2017

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**
Hazaribagh, Jharkahand
: 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,
Indira 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

