



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 33014/101/2017/IPC-II/

13844

SPEED POST
Nov 15, 2017

To

M/s Sen Ferro Alloys Pvt. Ltd.,
Vill- Dejudu, P.O. Urna-Jambedia
Dist.- Bankura, West Bengal

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 was observed that the unit remains one of the top non-complying units with respect to exceedance SMS alerts/Offline status during the period of July – August 2017; and

WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 13.09.2017 to check the compliances and following observations have been made;

- Consent to operate is valid upto 30.4.2019 and the unit was in operation during the visit.
- **Hazardous Waste authorization** was valid till 31.12.2014 and **renewal of the same not obtained.**
- Installed one Rotary Kiln (50 TPD) but it is operating with only 20 TPD capacity presently.
- Huge quantities of raw materials (iron ore and dolomite), dolochar, fines, etc **are stored in an open area at many places without any cover and the general house-keeping is not satisfactory.**
- **No drainage facilities provided to collect the surface runoff.**
- Kiln is connected with ESP and stack. **Stack monitoring result showed that PM emission (7038 mg/Nm³) was far exceeding the prescribed limit (100 mg/Nm³), indicating the non-functioning of ESP. Emission/leakages from emergency cap and ducts were noticed. ESP dust is not collected properly and presently it is discharged in an open area and collected manually.**
- **Stack emission monitoring facilities (ladder, platform) are not adequate and not provided as per CPCB guidelines (Emission Regulation Part-III).**
- **Online stack monitoring system is not operational** and the service provider M/s. HNL System is unable to provide the service / maintenance of monitoring instruments.
- **Fugitive emission was observed from raw material handing section, cooler discharge points, belt conveyer transfer points, etc and control measures are not available. It was informed that water is sprayed manually if required.**
- **Roads inside the plant are not concreted or asphalted except admin building/weigh bridge area and water is sprayed manually as per requirement to control dust generation.**
- Wastewater/Cooling water is collected in a collection pit and is reused in the process. **Sludge generated from the collection pit is stored nearby.**
- Dolochar produced from the process is stored inside the factory premises in shaded area and utilized by the local population for making coal briquettes.

WHEREAS discharge of emission far exceeding the standards possesses a serious threat to the environment.

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

NOW, THEREFORE, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s Sen Ferro Alloys Pvt. Ltd., Vill- Dejudu, P.O. Urna-Jambedia, Dist.- Bankura, West Bengal are directed to close all of its operation. Industry shall be permitted to operate only after compliance of the following measures:

- (i) The unit shall upgrade the existing Air Pollution Control Devices to ensure compliance of prescribed emission standards, proper collection/storage/ disposal of ESP dust and prevention of leakages in emergency caps / ducts.
- (ii) The unit shall provide stack monitoring facilities (ladder, monitoring platform, etc) as per CPCB guidelines (Emission Regulation Part-III).
- (iii) The unit shall make the online monitoring system operational regularly including proper servicing / maintenance and continuous data transmission to CPCB/SPCB servers.
- (iv) The unit shall obtain/renew the HW authorization from SPCB and collect/store/dispose HW as per authorization.
- (v) The unit shall make adequate facilities for storage of raw materials, solid wastes, sludge, etc to ensure proper house-keeping.

- (vi) The unit shall provide adequate fugitive emission control measures (water sprinklers, concrete/asphalt roads, enclosure for conveyer belts, etc) wherever required to avoid generation of fugitive emission.
- (vii) The unit shall provide proper drainage collection system for storm water / surface runoff.

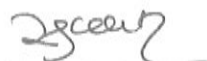
The unit M/s Sen Ferro Alloys Pvt. Ltd., Vill- Dejudu, P.O. Urna-Jambedia, Dist.- Bankura, West Bengal shall submit the compliance within 15 days from the issue of these directions. The industry shall not re-start its operation without written permission of CPCB. Failure to comply with the above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.


[S.P.S Parihar]
Chairman

21.11.2017

Copy to:

1. The Chairman
West Bengal Pollution Control Board
Paribesh Bhavan, 10A, Block-L.A., Sector III,
Salt Lake City, Calcutta - 700 106 : With a request to ensure compliance of
this direction & to submit action taken
report
2. The District Magistrate
Medinipur (W), Kharagpur,
West Bengal. : With a request to ensure compliance of
this direction & to submit action taken
report.
3. The Chief Engineer (Commercial)
West Bengal State Electricity Distribution
Company Limited, Bidyut Bhaban, Block-DJ,
Sector-II, Salt Lake City, Kolkata700091,
West Bengal. : With request to disconnect electricity
w.r.t. operation of industry & power
supply to be continue only for domestic
and security purpose.
4. The Additional Secretary (AKM), CP Division
MoEF&CC, 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.
6. The Incharge, IT Division. CPCB, Delhi.
7. The Incharge, I/c IPC-VI CPCB, Delhi.


[A. Sudhakar]
Member Secretary