



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
December 05, 2017

CPCB-B 33014/309/2017/IPC-II/

15794

To

M/s Shri Mahavir Ferro Alloys Ltd.,
(Iron & Steel)
Industrial Estate, Kalunga
Sundergarh, Orissa

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

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 August – September 2017; and

WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 31.10.2017 to check the compliances and following observations have been made;

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M/s Shri Mahavir Ferro Alloys Ltd., (Iron & Steel) Industrial Estate, Kalunga, Sundergarh, Orissa
'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

- (i) CTO under Water and Air Acts valid up to 31.3.2019 (consent copies not submitted) to manufacture/produce Captive Power (WHRB & AFBC Boiler) / Pellet / DRI / Billet. The unit was in operation at the time of inspection. HW authorization is valid upto 31.3.2019.
- (ii) There are 3 DRI kilns of 100 TPD capacity each. APCDs (ESP) is provided to stack attached with DRI Kiln-I and common stack attached with DRI Kiln-II & III.
- (iii) Sack emission was monitored **from common stack attached with Kiln-II & III and the PM emission of 297 mg/Nm³** was not meeting the prescribed standard of 100 mg/Nm³, indicating inadequate/inefficient function of APCD.
- (iv) **The Online PM emission value of 201 mg/Nm³** observed at the time of inspection were found less than the lab results and also exceeding the prescribed limit. OCEMS analyzers need proper calibration and maintenance.
- (v) As per IT Div Report dated 17.11.2017, the unit has installed / connected OCEMS as per CPCB guidelines.
- (vi) Water is used for cooling and the same is collected and reused. **Storm water drain is not constructed properly** and the unit needs to provide proper storm water drain.
- (vii) **Fugitive emission was observed and the unit needs to take necessary measures** to control fugitive emission during loading and unloading of materials.
- (viii) **Housekeeping is very poor and needs to be improved.**


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 Shri Mahavir Ferro Alloys Ltd., (Iron & Steel) Industrial Estate, Kalunga, Sundergarh, Orissa are hereby directed to show cause why the operation of unit be not closed unless you comply with the followings:

- (i) The unit shall upgrade and operate/maintain air pollution control devices properly so as to meet the prescribed emission standards and submit adequacy report and emission monitoring report from Environment (P) Act, recognized laboratory.
- (ii) The unit shall provide fugitive emission control measures (sprinklers, cement/asphalt road, etc) at the material loading / unloading points and improve housekeeping.
- (iii) The unit shall calibrate and maintain online emission monitoring system regularly so as to generate reliable / continuous data for transmission to CPCB/SPCB servers.
- (iv) The unit shall provide proper storm water drainage system and ensure ZLD:

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The unit M/s Shri Mahavir Ferro Alloys Ltd., (Iron & Steel) Industrial Estate, Kalunga, Sundergarh, Orissa shall submit the reply and updated status report on above point if any, within 15 days from the issue of this letter. Failure to comply with the above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.

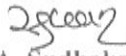

[S.P.S Parihar]
Chairman
06.12.17

Copy to:

1. The Chairman
Odisha State Pollution Control Board
Paribesh Bhawan,
A/118, Nilakantha Nagar,
Unit - VIII, Bhubaneswar - 751012, Odisha
2. The Additional Secretary (AKM), CP Division
MoEF&CC, Prithvi Wing, 2nd Floor, Room No. 216,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003
3. The Regional Director (East)
CPCB, Southend Conclave, Block 502, 5th &
6th Floors, 1582, Rajdanga Main Road,
Kolkata-700107.
4. The Incharge, IT Division, CPCB, Delhi.
5. The Incharge, I/c IPC-VI CPCB, Delhi.

: With a request to ensure compliance of this direction & to submit action taken report

: For information please.


[A. Sudhakar]
Member Secretary

