



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 16, 2017

CPCB-B 33014/193(Iron Steel)/2017/IPC-II/ 12237

To

M/s Shiv Metallicks Pvt. Ltd.,  
Gurundupali, P.O.Bonai Rourkela,  
District – 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;

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;

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;

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';

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 SO<sub>2</sub> parameters & online effluent monitoring system w.r.t. pH, flow, BOD, COD and TSS in iron & steel industries;

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;

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;

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 May to June 2017;

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M/s Shiv Metallicks Pvt. Ltd., Gurundupali, P.O.Bonai Rourkela, District – Sundergarh Orissa.

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;

WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 9.08.2017 and made the following observations:

- I. CTO is valid up to 31.3.2018 to manufacture Sponge Iron (200 TPD) using Kiln I & II and Kiln II was in operation during inspection.
- II. Water is used mainly for cooling and the same is reused after cooling.
- III. Both kiln are provided with ESP and connected to a common stack. Stack monitoring result showed PM (128 mg/Nm<sup>3</sup>) emission exceeding the consent limit of 100 mg/Nm<sup>3</sup>.
- IV. The online emission monitoring system showed PM value of 54 mg/Nm<sup>3</sup> which is within the consent limit. Online and lab results showed wide variations and online system needs to be calibrated / maintained properly on regular basis. OCEMS connected to CPCB server as per IT report.
- V. Fugitive emission was observed in the plant and needs to take necessary measures to control fugitive emission during loading and unloading of materials.
- VI. Air pollution control measures not adequate and to be upgraded.
- VII. Online emission monitoring system is connected to CPCB server.
- VIII. Storm water drain is not constructed and needs to construct / connect all storm water channels/drains properly.
- IX. Housekeeping is very poor and needs to be improved.

NOW, THEREFORE, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 you are directed to show cause as to why your unit should not be closed down until the industry shall upgrade / maintain the air pollution control system attached to common stack (kilns) so as to ensure compliance of PM emission to consent prescribed standards. You are further directed for the following measures:

- The industry shall take necessary measures to control fugitive emission.
- The industry shall ensure regular calibration/maintenance of online emission monitoring system so as to maintain minimum difference between online and lab results and regular/continuous data transmission to CPCB server. Reasons be explained for wide variations in the values of PM observed in manual and online system.



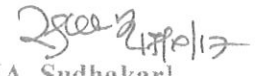
- The industry shall construct proper storm water collection/drainage system.
- The industry shall improve the housekeeping as the general housekeeping is poor.

The unit M/s Shiv Metallicks Pvt. Ltd., Gurundupali, P.O. Bonai Rourkela, District – Sundergarh Orissa shall submit the reply and action plan for compliance within 15 days from the issue of these directions. 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  


Copy to:

1. **The Chairman**  
Odisha Pollution Control Board  
A-118, Nilkanta Nagar Unit VIII,  
Bhubaneswar – 751 012  
Odisha  
: With a request to ensure compliance of this direction & to submit action taken report
2. **The Additional Secretary (AKM)-CP Division** : For information please.  
Ministry of Environment, Forests &  
Climate Change  
Prithvi Wing, 2nd Floor, Room No. 216, Indira  
Paryavaran Bhawan,  
Jor Bagh Road, New Delhi – 110003
3. **The Regional Director (East)** : For information please.  
CPCB, Southend Conclave, Block 502,  
5th & 6th Floors, 1582  
Rajdanga Main Road,  
Kolkata-700107.
4.  **The Divisional Head**  
**IT Division, CPCB, Delhi.**
5. **I/c IPC-VI**  
CPCB, Delhi.

  
[A. Sudhakar]  
Member Secretary  
