



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/ E-mail**

CPCB-B 33014/22/2017/IPC-II/

January 15, 2019

To

M/s Saluja Steel & Power Pvt. Ltd.  
Mahtodih, Tundi Road,  
Giridih, Jharkhand.

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

Ref: CPCB letter No. CPCB-B 33014/22/2017/IPC-II/1882, dated 07.05.2018.

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 SO<sub>2</sub> 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

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M/s Saluja Steel & Power Pvt. Ltd. Mahtodih, Giridih, Jharkhand.

WHEREAS, during monthly verifications of OCEMS data by the CPCB IT division it is observed that the unit remained one of the top non-complying units with respect to exceedance SMS alerts/Offline status during January 2018 – February 2018; and

WHEREAS, CPCB - Regional Directorate (Kolkata) has inspected the unit on 03.04.2018 and made the following observations:

- Both kilns are connected to a common ESP and common stack of 30 m height. **ESP was not operating properly as the stack emission for PM (5406 mg/Nm<sup>3</sup>) was found far exceeding the prescribed standard (100 mg/Nm<sup>3</sup>).**
- **Emergency cap was leaking at the time of monitoring and maximum emission was being allowed to escape through emergency cap.** Only a part of emission is passed through ESP and stack wherein online analysers are installed.
- **Online CEMS analysers were not working properly as the CEMS PM value 18 mg/Nm<sup>3</sup> (4.33 PM) was not matching with the observed value.**
- **No interlocking facility for production and APCD is provided as per CTO special condition No. 5.**
- **No separate electricity/energy meter for APCDs provided as per CTO special condition No. 3.**
- **No CCTV facility available for monitoring operational status of APCDs as per CTO special condition No. 18.**
- CTO is valid till 30.9.2018 to produce 'sponge iron' using 2 kilns of 100 TPD capacity each. Both the kilns are in operation at the time of inspection. **HW Authorization validity has expired on 30.4.2015** and the application for renewal has been submitted vide letter dated 04.09.2015 and it is pending with SPCB.

WHEREAS, the aforementioned un-controlled emission and gross violation of emission norms possesses severe threat to the Environment;

WHEREAS, in view of above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s Saluja Steel & Power Pvt. Ltd. Mahtodih, Giridih, Jharkhand was directed to close the operations and shall be permitted to operate only after compliance of the following directions:

1. To stop the production activities till the APCDs are upgraded so as to meet the prescribed emission standards and get its adequacy evaluated from a Govt. Institute.
2. To stop opening of emergency caps in normal operation conditions and provide interlocking facility as per CTO special condition No. 5.
3. To provide CCTV facility for monitoring operational status of APCDs as per CTO special condition No. 18.
4. To provide separate electricity/energy meter for APCDs as per CTO special condition No. 3.

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5. To calibrate / maintain online monitoring analysers properly so as to minimise the difference between online and lab monitored emission values.
6. To obtain HW authorization from SPCB.

WHEREAS, unit has submitted its compliance reply, vide letter dated 10.07.2018 which was found incomplete or partial and specific action taken report w.r.t. upgradation of APCD and adequacy evaluation report of APCD was sought from the unit, vide letter dated 23.07.2018; and

WHEREAS, the unit has submitted the required Adequacy Assessment Report from PDIL, a Govt. of India undertaking under Department of Fertilizers., vide unit letter dated 09.10.2018. In continuation, queries have been made to the unit regarding CEMS data transmission and for submission of all the consents copies along with its Emission Control System status for remaining sources and self-certificates in the modified format, vide CPCB letters dated 02.11.2018 and 28.11.2018. In this regards, unit has replied that it has shifted data transmission server from Forbes Marshall to Prima, vide unit email dated 03.11.2018 and also submitted the others relevant documents, vide letter and email dated 03.12.2018 and 27.12.2018; and

WHEREAS, the case was placed before three-member committee meeting held on 08.01.2019 at CPCB, Delhi and the three-member committee recommended the case for revocation subject to certain conditions; 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;

**NOW, THEREFORE,** in view of the above, the closure direction dated 07.05.2018 issued u/s 5 of the Environment (Protection) Act, 1986 to M/s Saluja Steel & Power Pvt. Ltd. Mahtodih, Giridih, Jharkhand is hereby revoked with the following conditions:

1. The unit shall submit the Performance Assessment of the APCD/ ECS from the same Govt. Institute which has prepared the adequacy report including analysis report of emission within 60 days.
2. The unit shall operate with valid consent under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, & Authorization under H&OW (M&TBM) Rules, 2016 and submit the same to CPCB within 60 days.
3. The unit shall ensure continuous data transmission from all the analysers and camera through Online Continuous (24x7) Emission and Effluent Monitoring System (OCEMS) to CPCB server and will inform CPCB, IT Div, about any change in service provider for data transmission.



However, any expansion of the existing project in future shall be intimated to CPCB/ SPCB and applicability / scope of the installation of OCEMS will be subjected to further verification. In case of non-compliance, appropriate action as deemed fit under the provisions of Environment (Protection) Act, 1986 will be intimated against the unit without any further notice.

*(S.P. Singh Parihar)*  
[S.P. Singh Parihar]  
Chairman

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**Copy to:**

1. **The Additional Secretary (AKM), CP Division** : For information please.  
MOEFCC, Prithvi Wing, 2nd Floor, Room No. 216,  
Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi – 110003
2. **The Chairman** : For information please.  
Jharkhand State Pollution Control Board  
T.A. Bldg., HEC, P.O. Dhurwa,  
Ranchi – 834004,
3. **The District Magistrate** : For information please.  
Giridh, Jharkahand
4. **The Chief Engineer (Commercial)** : For information please.  
Jharkhand Bijli Vitran Nigam Ltd.  
Engineer's Building, Dhurwa  
Ranchi
5. **The Regional Director (East)** : For information please.  
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.**

*Prashant Gargava*  
[Prashant Gargava]  
Member Secretary

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