



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 33014/77/2019/IPC-II/

SPEED POST

May 07, 2019

To

M/s. Durgapur Steel Plant
(A unit of SAIL)
P.O. Durgapur, Dist. Burdwan
West Bengal 713203

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

Ref: CPCB letter No. CPCB-B 33014/77/2017/IPC-II/15055, dated 22.12.2017.

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 SO₂ 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;

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M/s. Durgapur Steel Plant (a unit of SAIL), Durgapur, West Bengal

WHEREAS, during monthly verifications of Online Continuous Emission & Effluent Monitoring System (OCEMS) data by the CPCB IT Division it was observed that the unit remains non-complying with respect to exceedance SMS alerts/Offline status during December' 2016 to January' 2017;

WHEREAS, the unit M/s. Durgapur Steel Plant (a unit of SAIL), Durgapur, West Bengal was inspected by CPCB - Regional Directorate (Kolkata) on 20.04.2017 and based on the observed shortcomings, SCN / directions were issued vide letter dated 16.08.2017 as under:

- (i) To install/connect all the remaining stacks/ ETP outlets with the online effluent and emission monitoring system as presently only 11 stacks are connected.
- (ii) To submit copy of valid CTO under Water and Air Acts and HW authorization received from SPCB.
- (iii) To operate and maintain ETP properly to meet the prescribed norms as the phenol (Outlet 2) and TSS (Outlet 1) values are exceeding the prescribed norms/standards.
- (iv) To operate and maintain the air pollution control systems attached to various stacks properly to control PM emission as the same in coke oven battery 5 exceeded the prescribed limit.
- (v) To calibrate the online monitoring system regularly and make efforts to bring the difference between manual and online monitoring values to an acceptable level.
- (vi) To take necessary steps for 100 % reuse of treated effluent so as to achieve zero liquid discharge.

WHEREAS, the industry submitted compliance report in reference to points no. (ii) to (vi) vide unit letter dated 31.08.2017; and

WHEREAS, as per IT report dated 30.06.2017 it was observed that the OCEMS compliance status is not as per CPCB guidelines and a letter dated 27.10.2017 was issued to the unit seeking details of OCEMS connectivity with CPCB server; and

WHEREAS, unit submitted a detail reply in reference to CEMS connectivity in its 56 consented stacks that indicated partial OCEMS connectivity as per CPCB guidelines; and

WHEREAS, in view of the above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s. Durgapur Steel Plant (a unit of SAIL), Durgapur, West Bengal was directed as under to stop operation of all such processes and process stacks in which OCEMS installation and connectivity was found partial, vide CPCB letter dated 22.12.2017:

- (i) The unit shall complete installation and connectivity of Online Continuous Emission & Effluent Monitoring System (OCEMS) for NOx analyser (where PM & SO2 analyser already installed) in stacks attached to COB-3 and BF-2, BF-3 and BF-4 within 2 months as per CPCB guidelines.
- (ii) The unit shall stop operation of all such remaining processes and process stacks in which OCEMS is not yet installed and connected.
- (iii) The unit shall complete installation and connectivity of Online Continuous Emission & Effluent Monitoring System (OCEMS) for TSS analyser in outfall 1,2,3 and for TSS,

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BOD & COD analyser in outfall 5 within 2 months (outfall 4 is represented as dried / abandoned) as per CPCB guidelines.

(iv) The unit shall get amended the Consent order from WBPCB so as to delete process stacks which are phased out and mention only the emission stacks / ETP outlets which are in operation presently.

(v) The unit shall explain the reasons for not installing analyser for phenol and cyanide in effluent.

WHEREAS, the unit informed this office about interim progress vide letters dated 03.01.2018, 07.02.2018, 03.04.2018, 23.04.2018, 17.05.2018, 22.06.2018, 03.08.2018, 27.08.2018 and 28.09.2018; and

WHEREAS, from examination of the said request it was observed that compliance was still partial and same was communicated to the unit seeking details about effluents treatment facilities and directed to achieve the full compliance, vide letter dated 08.01.2019; and

WHEREAS, unit vide submitted reply dated 28.11.2018, 29.11.2018, 07.02.2019 and 22.04.2019 to this office in response to CPCB letter dated 08.01.2019 and the updated status was re-verified by IT division, vide IT report dated 20.03.2019 and 04.04.2019 (copy enclosed); and

WHEREAS, it is observed that unit has provided OCEMS analysers in its relevant 37 stacks and 4 outfalls and 5 ETPs as per amended Consent order (vide consent letter No. CO110218, dated 31.07.2018) as per CPCB guidelines and has phased out 19 nos of additional stacks; and

WHEREAS, in view of the above compliance the case was placed before Three-Member Committee meeting held on 25.04.2019 at CPCB, Delhi and the Three-Member Committee recommended the case for revocation; and

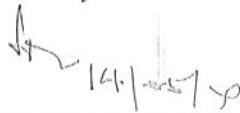
WHEREAS, the Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control 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; and

NOW, THEREFORE, in view of the above, the partial closure direction dated 22.12.2017 issued u/s 5 of the Environment (Protection) Act, 1986 to M/s. Durgapur Steel Plant (a unit of SAIL), Durgapur, West Bengal is hereby revoked with the following conditions:

1. The industry shall ensure continuous data transmission from all the analysers of online emission and effluent monitoring systems as per IT report dated 04.04.2019 to CPCB and SPCB server.
2. The industry shall operate with valid aforesaid 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.

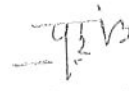


However, any expansion of the existing project in future shall be intimated to CPCB/ SPCB and applicability / scope of the installation of OCEMS will be subjected to further verification. In case of non-compliance, appropriate action as deemed fit under the provisions of Environment (Protection) Act,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


[S.P. Singh Parihar]
Chairman

Copy to:

1. The Additional Secretary, CP Division
MoEF&CC, Prithvi Wing, 2nd Floor,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003
2. The Chairman
West Bengal Pollution Control Board
Paribesh Bhavan, 10A, Block-L.A., Sector
III, Salt Lake City, Calcutta - 700 106
3. The District Magistrate
Burdwan, West Bengal.
4. The Regional Director (East)
CPCB, Southend Conclave, Block 502,
5th & 6th Floors, 1582,
Rajdanga Main Road, Kolkata-700107.
- ✓ 5. The Incharge, IT Division, CPCB, Delhi.
6. The Incharge, I/c IPC-VI CPCB, Delhi.


[Prashant Gargava]
Member Secretary