



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 33014/77/2017/IPC-II/ 15055

SPEED POST
December 22, 2017

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 – Modified Directions.

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;

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-

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

complying with respect to exceedance SMS alerts/Offline status during December' 2016 to January' 2017;

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 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 had submitted compliance report vide letter dated 31.08.2017 w.r.t. the SCN / directions issued vide letter dated 16.08.2017, submitting compliance report on points (ii) to (vi).

WHEREAS, the OCEMS installation / connectivity verification report dated 30.06.2017 of IT division indicated that OCEMS is not installed and connected in many stacks for required parameters as per CPCB guidelines.

WHEREAS, regarding incomplete compliance on point (i) of the Show Cause Notice, a letter dated 27.10.2017 was issued to the unit to submit detail clarification w.r.t. OCEMS connectivity with the CPCB server and the industry submitted reply vide letter dated 10.11.2017.

WHEREAS, the unit vide its letter dated 31.08.2017 and 10.11.2017 provided details of 56 stacks which included stacks where OCEMS has been installed and connected (11+6) as well as where it is yet to be installed and connected (10) and where it is not required as per CPCB guidelines or due to phasing out (16+3+3+7). The unit's reply also revealed that, analysers for some emission / effluent parameters are yet to be installed (e.g. TSS in outfall 1, 2, 3 and TSS, BOD & COD in outfall 5; NOx in stacks attached to COB-3, BF-2, 3 & 4) which indicated partial OCEMS connectivity as per CPCB guidelines.

NOW, THEREFORE, 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 is directed to comply with following measures:

- (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, 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.

The unit M/s. Durgapur Steel Plant (a unit of SAIL), Durgapur, West Bengal shall submit the compliance within 15 days from the issue of these directions. The industry shall not re-start its stopped 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 including closure.


(S.P. Singh Parihar)

Chairman

26.12.17

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**
Burdwan, West Bengal.
: With a request to ensure compliance of this direction & to submit action taken report.
3. **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.
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/e IPC-VI CPCB, Delhi.**


(A. Sudhakar)

Member Secretary

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