



SPEED POST

HO/ISP/IPC2-47/2020/ 1882

June 30, 2020

July 01, 2020

To

M/s Tata Steel Ltd.  
TISCO, Jamshedpur  
JSR (Jharkhand State Road),  
Jharkhand-831001,

Sub.: Revocation Direction under Section 5 of the Environment (Protection) Act, 1986.  
Ref.: CPCB Letter No. CPCB/B-33014/47/2017/IPC-II/598, dated 16.04.2018.

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 and online effluent monitoring system in iron & steel industries;

WHEREAS, considering the 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, M/s Tata Steel Ltd. TISCO, Jamshedpur, Jharkhand was directed u/s 5 of E (P) Act for OCEMS installation and connectivity vide CPCB letter dated 23.07.2015.

WHEREAS, for installation and connectivity of the On-line Continuous Emission and Effluent Monitoring System (OCEMS) CPCE prepared "Guidelines for Real-time Effluent Quality Monitoring System" (published on 07.11.2014) and "1st Revised Guidelines for Continuous Emission Monitoring Systems August 2018";

WHEREAS, based on OCEMS alerts generated during the month of mid-April to mid-May 2017, CPCB - Regional Directorate (Kolkata) inspected M/s Tata Steel Ltd. TISCO, Jamshedpur, Jharkhand during 23.08.2017 to 25.08.2017 and observed shortcomings in respect of OCEMS installation / connectivity.

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M/s Tata Steel Ltd. TISCO, Jamshedpur, Jharkhand

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The details of OCEMS installation / connectivity was sought from the unit and the same were provided vide letter dated 27.10.2017 and 22.11.2017. As per the details of stacks OCEMS installed and connected as well as where it is yet to be installed and connected.

WHEREAS, in view of the gaps in OCEMS the unit was directed to show cause why the operation of unit be not closed vide CPCB direction letter dated 05.12.2017.

WHEREAS, a compliance report dated 18.12.2017 was submitted by the unit but it was found to be partial / incomplete. CPCB vide letter No. CPCB/B-33014/47/2017/IPC-II/15717, dated 03.01.2018 and email dated 10.01.2018 asked detail information about OCEMS. Further, reply was submitted by the unit vide email dated 03.04.2018 and 06.04.2018.

WHEREAS, in view of the gaps observed in OCEMS and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s Tata Steel Ltd. TISCO, Jamshedpur, Jharkhand was directed to comply with following measures, vide CPCB letter no. 16.04.2018:

- (1) The unit shall complete installation and connectivity of partial CEMS / OCEMS under process of connectivity in respect of 18 Stacks (Blast Furnace – 5; Steel Making Shop – 10; Lime Plant – 1; Captive Power Plant -2) within 2 months.
- (2) The unit shall not operate all such stacks on which OCEMS is not yet installed.

WHEREAS, vide unit letter dated 11.05.2018 and 13.11.2018 submitted the compliance reply. The OCEMS was still found to be incomplete and same was communicated to the unit vide letter dated 03.01.2019. The unit submitted updated compliance vide unit communication dated 05.04.2019 and 25.09.2019 OCEMS was found to be partial and it was communicated to the unit vide CPCB letter dated 23.05.2019 and 16.10.2019.

WHEREAS, unit has submitted its complete compliance reply vide letter dated 20.01.2020 and 06.03.2020 w.r.t. it 99 nos. of source emission stacks and 05 nos. of final outlets.

WHEREAS, as per IT verification report dated 14.02.2020 (copy enclosed), it is observed that M/s Tata Steel Ltd. Jamshedpur, Jharkhand has installed OCEMS in all relevant emission sources and effluent outlets and connected these with the CPCB server as per CPCB guidelines except in Blast Furnace-D, FH#4 (Boiler.no.3).

WHEREAS, vide letters dated 25.09.2019, 20.01.2020 and 06.03.2020 unit has confirmed about address of other shortcomings also. It has informed that designated FH#4 (Boiler.no.3) has been dismantled and replaced by boiler No. 5, and same is found to be complied by the CPCB and that Blast Furnace-D is non-operational and unit has no intention to re-start the same and will be de-commission / dismantle during future expansion, and;

WHEREAS, in view of above, the case was placed before Three-Member Committee vide e-mail dated 02.06.2020, for further necessary action and the 3-Member Committee has recommended the case for revocation of direction to not operate certain stacks with the condition that the unit shall submit the action plan for achieving ZLD within 45 days and same shall be placed before the committee.

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 direction dated 16.04.2018 issued to M/s Tata Steel Ltd. TISCO, Jamshedpur, Jharkhand u/s 5 of the Environment (Protection) Act, 1986 for not operating certain stacks is hereby revoked with the condition that (i) Blast furnace-D will remain non-operational and (ii) the unit shall submit the action plan for achieving the ZLD within 45 days.

The unit shall operate with valid Consent under the Water (P & CP) Act, 1974, the Air (P & CP) Act, 1981, & Authorization under H&OW (M&TBM) Rules, 2016 and shall ensure continuous data transmission from online emission and effluent monitoring systems to the CPCB and SPCB. Moreover, 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.



[Shiv Das Meena]  
Chairman

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Copy to:

1. The Chairman : For information please.  
Jharkhand State Pollution Control Board  
T.A. Bldg., HEC, P.O. Dhurwa,  
Ranchi - 834004,
2. The Additional Secretary, CP Division : For information please.  
MOEFCC, Prithvi Wing,  
2nd Floor, Room No. 216,  
Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi - 110003
3. The Regional Director (East) : For information please.  
Central Pollution Control Board,  
Southend Conclave,  
Block 502, 5th & 6th Floors,  
1532, Rajdanga Main Road,  
Kolkata-700107.
4. The Incharge, IT Division, CPCB, Delhi.
5. The Incharge, I/c IPC-VI CPCB, Delhi.



[Prashant Gargava]  
Member Secretary

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*G/C, IPC-VI  
20/6/2020*