



E-mail / SPEED POST

HO/ISP/IPC2-328/ 2019/ 10454

December 27, 2019

To

M/s. Swati Concast & Power Pvt. Ltd.,
Mohanpur, Tundi Road,
Giridh, Jharkhand

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 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, SPCBs / PCCs were directed to issue directions to concerned industries 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, for installation and connectivity of the On-line Continuous Emission and Effluent Monitoring System (OCEMS) CPCB prepared "Guidelines for Real-time Effluent Quality Monitoring

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System" (published on 07.11.2014) and "1st Revised Guidelines for Continuous Emission Monitoring Systems August 2018";

WHEREAS, based on monthly verifications of OCEMS data, CPCB IT division, shortlisted M/s. Swati Concast & Power Pvt. Ltd., Mohanpur, Tundi Road, Giridh, Jharkhand for compliance verification; and

WHEREAS, the unit was inspected by team of CPCB - Regional Directorate (Kolkata) on 10.07.2019 and following shortcomings have been observed:

- The Consent order has expired on 31.03.2019 and HW Authorization expired on 21.10.2015.
- Unit was found operational with a Mini Blast Furnace (installed capacity 110 TPD) producing of pig iron @ of 70 – 80 TPD running capacity.
- Manual stack monitoring for PM, SO_x and NO_x has been carried out in the stack attached with Mini Blast Furnace and values obtained are 60 mg/Nm³, 63 mg/Nm³ and 116 mg/Nm³ respectively. The monitoring results of SO_x and NO_x are complying with the stipulated national standards 250 mg / Nm³ and 150 mg/ Nm³ respectively. However, PM emission is exceeding the stipulated national standard 50 mg/Nm³. Further, PM emission limit stipulated in the aforesaid expired consent is 150 mg/ Nm³ needs to be revised.
- As per IT report dated 05.08.2019 unit has installed PM, O₂, CO, CO₂, Flow, Pressure and Temperature analysers in the stack of source emission (i.e. Mini Blas Furnace) and providing data to the CPCB server through Vasthi. However, unit is non-complying due to lack of installation / connectivity of SO₂ and NO_x analysers in Mini Blast Furnace. Also, industry is non-complying in reference to on-line continuous effluent monitoring system installation and connectivity.
- In the available port hole of the source emission stack CEMS has been fixed therefore unit is required to provide additional port hole facilities for manual monitoring purpose.
- The APCD details of others processes were asked from industry through email on 02.08.2019 from this office for providing process wise stacks and APCD details by 05.08.2019 in a specified format, which are still awaited.
- Unit is not discharging any water outside the plant. The unit has informed to the inspection team that it has applied for renewal of consent(s). The copy of Consent renewal applications submitted by the unit is incomplete and contradictory to the aforesaid claim of ZLD.
- Fugitive emission control system to reduce dust emission from raw material section was not adequate and manual water sprinkling system was not sufficient. The manual collection process of hopper dust is also a source of fugitive emission. Housekeeping within the plant including process area is very poor.
- No display board was available at the main entrance of the unit. For showing information about CTO, HW Authorization and monitoring parameter.

WHEREAS, in view of above shortcomings M/s. Swati Concast & Power Pvt. Ltd., Mohanpur, Tundi Road, Giridh, Jharkhand was directed to show cause as to why the operation of the industry be not closed till the aforesaid shortcomings are rectified, vide letter dated 26.08.2019 and was given an opportunity to submit its objection if any and ATR within 15 days.

WHEREAS, vide unit's e-mail dated 16.09.2019 regarding acknowledgement of the receiving of the letter dated 26.08.2019 and consequently replies dated 22.09.2019 has been submitted point wise compliance to the above SC Notice.





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 compliance report dated 22.09.2019 of the unit and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s. Swati Concast & Power Pvt. Ltd., Mohanpur, Tundi Road, Giridh, Jharkhand is directed to comply the following and submit compliance cum up dated Action Taken Report (ATR) to this office within the 60 days from the date of receipt of this letter;

1. Unit shall provide Performance Assessment of Emission Control System (ECS)/Emission Test Reports by Govt. institute / MoEFCC approved laboratory.
2. The unit shall install SO₂ and NO_x analysers in Mini Blast Furnace and establish the connectivity with the CPCB server. Moreover, unit should install and connect either all required CEMS analysers or flow meter and camera (if it is ZLD) in its all designated outlet(s) as per CPCB guidelines.

Failing to submit the complete compliance to this office within the 60 days from the date of receipt of this letter appropriate action as deemed fit under the provisions of Environment (Protection) Act, 1986 will be intimated against M/s. Swati Concast & Power Pvt. Ltd., Mohanpur, Tundi Road, Giridh, Jharkhand without any further notice.


[S.P. Singh Parihar]
Chairman


Copy to:

1. **The Joint Secretary, CP Division** : For information please.
MOEFCC, Prithvi Wing,
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 Regional Director (East)** : For information please.
CPCB, Southend Conclave,
Block 502, 5th & 6th floors,
1582 Rajdanga Main Road,
Kolkata-700107.
4. **The Incharge, IT Division, CPCB, Delhi.**
5. **The Incharge, IPC-VI CPCB, Delhi.**


(Prashant Gargava)
Member Secretary
