



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

CPCB-B 33014/74/2019/IPC-II/ 6195

September 03, 2019

To

M/s. ~~Concast Steel & Power Limited.,~~
(Formerly M/s ~~Concast Bengal Industries Ltd.)~~
Gourandi, Mosliya, Achuri Salboni,
Bankura, West Bengal.

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

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; 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

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

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M/s. Concast Steel & Power Limited., (Formerly M/s Concast Bengal Industries Ltd.) Gourandi, Mosliya, Achuri Salboni, Bankura, West Bengal

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
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WHEREAS, during monthly verifications of OCEMS data by the CPCB IT division it was observed that the unit remained one of the top non-complying units with respect to exceedance SMS alerts/Offline status during August-September 2018; and

WHEREAS, in view of above M/s. Concast Steel & Power Limited., (Formerly M/s. Concast Bengal Industries Ltd) Gourandi, Mosliya, Achuri Salboni, Bankura, West Benga was inspected by CPCB - Regional Directorate (Kolkata) on 14.12.2018 and **violations observed w.r.t. environmental norms during inspections are as follows:**

- As per consent order unit has two designated outlets for discharging liquid effluents from soak pit to outside drain. No ETP available in the unit except one neutralization pit where RO reject and DM plant waste water is stored and re-used for dust suppression. Inspection team also reported arrangement of one outlet for discharging waste water into the outside open land was observed.
- APCD installed at cooler discharge I&II, product house, coal crusher, RMH section. Material transfer points are not properly enclosed. The condition of conveyor belts, that use to transferring products in SMS unit are very poor.
- During inspection manual monitoring was performed in the common stack of DRI Kilns and CPP stack. The PM and SO₂ emission was observed 2842 mg/ Nm³ and 634 mg/Nm³ respectively in the stack of DRI and 111 mg/ Nm³ and 253 mg/Nm³ respectively in the stack of CPP. In both the cases PM value was exceeding the prescribed standard (minimal national standards for Sponge Iron is 100mg/Nm³ and for CPP is 150 mg/Nm³ till December 2018 and 50 mg/Nm³ since 1.1.2019 as per CPCB is directions).
- Cap leakage observed by the inspecting team before entering into the plant. In addition, huge fugitive emission from ring slip of DRI Kiln, product house, leakage of pipe bend at silo of CPP was observed.
- As reported, CEMS were installed in all the stacks but were in non-functional stage. Registration of CEMS was done at RTDMS portal in 2016, but it is incomplete. IT report dated 24.12.2018 reflects partial CEMS connectivity status of unit as per guidelines i.e. PM analysers from CPP stack and kiln mill and last data was transmitted on 13.05.2017. Further, no CEMS analysers w.r.t. effluent parameter was installed and connected with the CPCB server.
- The coal and char consumption ratio in the AFBC boiler is 50:50. The daily coal consumption 240 Ton / day in CPP and 230 Ton/ day in DRI. Total ash generation is 40 % of coal used and ash content in coal char is 75 %. The fly ash and bed ash collected from ESP on dry basis are dumped in heap on open land without any cover shed.

WHEREAS, as per information provided by Mr. Rajib Dasgupta, Plant-Technical Head (V.P.) during aforesaid inspection that, M/s. Concast Steel & Power Limited (Formerly M/s. Concast Bengal Industries Ltd.) is under liquidation for Insolvency and Bankruptcy Code 2016 commenced w.e.f. 26.09.2018 in compliance to the order of Hon'ble. NCLT, Kolkata Bench and it has four manufacturing unit at Sodepur and Bankura of WB, at Jharshuguda of Odisha and at Vizag of AP. Further, except Bankura all units are closed since 2016-17 and Bankura unit is running under direct supervision of liquidator; and

WHEREAS, in view of the above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s. Concast Steel & Power Limited., (Formerly M/s. Concast Bengal Industries Ltd.) of Gourandi, Mosliya, Achuri Salboni, Bankura, West Bengal unit was directed to stop operation with immediate effect and will not start operation until necessary corrective measures are taken by the unit with the above said observed shortcomings and CPCB's permission is obtained; and

WHEREAS, in reference to aforesaid bankruptcy the representation of Liquidator of the said plant requested this office to restrain from taking any coercive action against the said industry's Bankura unit, vide letter dated 30.01.2019. Accordingly, CPCB communicated to the unit and Liquidator vide letter No. CPCB/B-33014/74/2019/IPC-II/16939, dated 05.03.2019 regarding taking corrective measures



w.r.t. direction dated 14.01.2019 and to provide adequacy report from a Govt. Institution about Emission Control System (ECS) as well as ZLD along with self-closure certificate; and

WHEREAS, unit submitted replies vide letter dated 03.04.2019, 05.04.2019, 23.04.2019, 13.05.2019 (through mail 10.06.2019), 09.07.2019, 04.07.2019 and 15.07.2019 and accordingly CPCB communicated to the unit vide letters dated 15.04.2019, 14.06.2019 and 19.07.2019; and

WHEREAS, unit submitted adequacy report prepared by IIPC, Jadavpur University, Chemical Engineering Dept. Kolkata based on relevant design information provided by the unit vide unit's letter dated 09.07.2019; and

WHEREAS, IT division report dated 15.07.2019 reflected that the stack attached with the 2x100 TPD DRI Kilns are connected with the PM analyser and data is available in the portal of HNL System. However, AFBC boiler are not complied w.r.t. CEMS related CPCB guidelines, which was informed to the unit dated 19.07.2019; and

WHEREAS, unit has submitted further replies vide letters dated 19.07.2019 and 23.07.2019 wherein in reference to ongoing liquidation process industry has sought permission to start production activities without AFBC boiler operation and also stated that boiler will not be in operated until CEMS analysers installed and connected with the CPCB server; and

WHEREAS, meanwhile the Consent to operate of the unit has been expired on 30.04.2019 and unit is required to get new consent order from the concerned West Bengal Pollution Control Board;

WHEREAS in view of submitted adequacy report and unit's reply dated 23.07.2019 the case was placed before Three-Member Committee meeting held on 21.08.2019 at CPCB, Delhi and the Three-Member Committee recommended the case for revocation of the aforesaid closure direction; 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 19.02.2019 issued u/s 5 of the Environment (Protection) Act, 1986 to M/s. Concast Steel & Power Limited., (Formerly M/s. Concast Bengal Industries Ltd.) Gourandi, Mosliya, Achuri Salboni, Bankura, West Bengal is hereby revoked with the following conditions:

1. that the unit will not operate the AFBC and keep it closed until CEMS is installed and written permission from CPCB is obtained.
2. that unit shall submit Performance Assessment Report of the Emission Control System (ECS) and ZLD from a Govt. Institute including analysis reports within 60 days from the issue of this direction; and

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 shall ensure continuous data transmission from online emission and effluent monitoring systems to the CPCB and SPCB and shall comply with the aforesaid Directions. 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. S Parihar]
Chairman

1. **The Joint Secretary, CP Division** : For information please.
Ministry of Environment, Forests & Climate Change
Prithvi Wing, 2nd Floor, Room No. 216,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003
2. **The Chairman** : With request to ensure compliance of
West Bengal Pollution Control Board the direction w.r.t. non-operation of
Odisha Pollution Control Board AFBC boiler until CEMS installation
AP State Pollution Control Board and connectivity be completed.
3. **The District Magistrate** : For information please.
Dist. Bankura, West Bengal
4. **The Chief Engineer (Commercial)** : For information please.
West Bengal State Electricity Distribution
Company Limited,
Bidyut Bhaban, Block-DJ, Sector-II,
Salt Lake City, Kolkata 700091, West Bengal.
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.** : For information please.
7. **The Incharge, I/c IPC-VI CPCB, Delhi.** : For information please.

[Prashant Gargava]
Member Secretary