



CPCB-B 33014/30/2018/IPC-II/

SPEED POST
September 27, 2018

To

11/94
M/s Maa Chhinnamastika Cement & Ispat Pvt. Ltd.
Vill Hehal, P.O. Barkakhana,
Ramgarh, Jharkhand 829103

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 regarding installation of on-line effluent and emission monitoring system- Closure thereof.

Ref:

1. CPCB letter No. CPCB-B 33014/30(IronSteel)/2017/IPC-II/5946, dated 21.07.2017.
2. Letter No CPCB-B 33014/30/2017/IPC-II/10979, 13432, 14351 dated 26.09.2017, 13.11.2017 & 11.12.2017
3. Email dated 08.03.2018 from Jharkhand SPCB bearing Ref. Letter No. D-48, dated 07.03.2018.

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;

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 OCEMS data by the CPCB IT Division it is observed that the unit remained one of the top non-complying units with respect to exceedance SMS alerts/Offline status during October to December'2016 and January-February 2017;

Wjy

M/s Maa Chhinnamastika Cement & Ispat Pvt. Ltd. Vill Hehal, P.O. Barkakhana, Ramgarh, Jharkhand

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WHEREAS, the unit was inspected by CPCB - Regional Directorate (Kolkata) on 30.03.2017 and made the following observations:

- (i) There are 3 DRI units to manufacture sponge iron (100 TPD each) and only one unit was in operation at the time of inspection.
- (ii) Consent to operate was valid up to 31.3.2017 and presently the unit is in operation without valid consent and HW authorization.
- (iii) No air pollution control device is installed and presently the unit is in operation without APCD. The PM concentration from stack emission was 217 mg/Nm³ against the consent standard of 100 mg/Nm³.
- (iv) High level of fugitive emission was seen during inspection and adequate sprinklers are not provided to control fugitive emission.
- (v) No storage/disposal facility are provided for HW and other solid wastes.
- (vi) No documents regarding generation and utilization of dolo-char are maintained. Coal char was found lying abandoned outside the factory premises
- (vii) DG set is without acoustic enclosure.
- (viii) No rain water harvesting cum ground water recharge system is in place.
- (ix) No greenery developed in the periphery of the unit.
- (x) Housekeeping is very poor.
- (xi) The data transmission to CPCB Server was stopped due to cable fault at the unit and the last data received was on 20.6.2017.

WHEREAS, in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s Maa Chhinnamastika Cement & Ispat Pvt. Ltd. Vill Hehal, P.O. Barkakhana, Ramgarh, Jharkhand was issued Closure Direction dated 21.07.2017 and was directed that industry shall be permitted to operate only after compliance of the following measures:

- To obtain consent to operate (renewal) and HW authorization from SPCB.
- To provide adequate pollution control devices to control stack emission and fugitive emission so as to meet the prescribed standards.
- To provide adequate storage and disposal facility for HW and other wastes and to maintain documents/records of the same.
- To provide acoustic enclosure for DG set.
- To provide rain water harvesting cum ground water recharge system.
- To provide good housekeeping and develop adequate greenery in and around the factory periphery.
- To provide continuous / uninterrupted data transmission and connectivity to CPCB server.

WHEREAS, in reference to compliance submitted by the unit vide letter dated 16.10.2017 and 17.11.2017, CPCB vide letter No. CPCB-B 33014/30/2017/IPC-II/10979, dated 26.09.2017 and 13.11.2017 sought undertaking regarding compliance with all the aforesaid directions and completion report of APCD/stack installation on secondary sources of emission to control fugitive emission.

WHEREAS, vide unit letter dated 07.11.2017 w.r.t. closure direction dated 21.07.2017 in which industry had undertaken that during compliance verification if the unit is found non-compliant unit accepts to close down the industry immediately and shall not operate till full compliance is achieved.

WHEREAS, the unit submitted compliance vide letter dated 24.11.2017 in response to aforesaid communications and the case was placed before the Three-member Committee for revoking closure direction held at CPCB, Delhi on 08.12.2017 and Committee recommended that Jharkhand State Pollution Control Board may be asked to



submit a compliance verification report after conducting necessary inspection. CPCB in this regard requested SPCB vide letter No. CPCB-B 33014/30/2017/IPC-II/14351, dated 11.12.2017 and email dated 13.12.2017.

WHEREAS, vide letter dated 07.03.2018 SPCB submitted compliance verification report in response to aforesaid CPCB letter dated 11.12.2017

WHEREAS, in the case was put-up again before Three-member Committee meeting held on 16.03.2018 at CPCB, Delhi and the Three-member Committee recommended revocation of the aforesaid closure direction subject to the condition that CPCB shall carryout compliance verification in operation condition within 45 days, and the closure direction was revoked vide direction dated 21.03.2018



WHEREAS, CPCB, RD- Kolkata re-inspected the unit on 19.06.2018 and submitted the inspection / compliance verification report to this office.

WHEREAS, it is observed that the unit has provided ESPs and bag filters to control the emission from kilns and other areas like coal crusher house, cooler discharge etc. but the source emission monitored at common chimney of Kiln 1&2 is found to have PM 179 mg / Nm³ and SO₂ 398 mg/ Nm³ which is exceeding the PM standards 100 mg / Nm³ prescribed in E.P.Rule, 1986. -

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 and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986 M/s Maa Chhinnamastika Cement & Ispat Pvt. Ltd. Vill Hehal, P.O. Barkakhana, Ramgarh, Jharkhand is hereby directed to close its operation with immediate effect, and shall not restart until it takes necessary corrective measures in APCD so as to comply with the prescribed emission norms, and written permission is obtained from CPCB.

The unit M/s Maa Chhinnamastika Cement & Ispat Pvt. Ltd. Vill Hehal, P.O. Barkakhana, Ramgarh, Jharkhand shall submit compliance to above directions within 15 days. Failure to comply with the above directions will attract action in accordance with the provision of the Environment (Protection) Act, 1986.


(A.K. Mehta)
Chairman


Copy to:

1. **The Chairman**
Jharkhand State Pollution Control Board
T.A. Bldg., HEC. P.O. Dhurwa,
Ranchi - 834004. : With a request to ensure compliance of this direction & to submit action taken report.
2. **The District Magistrate**
Ramgarh, Jharkhand : With a request to ensure compliance of this direction & to submit action taken report
3. **The Chief Engineer (Commercial)**
Jharkhand Bijli Vitran Nigam Ltd.,
Engineer's Building, Dhurwa
Ranchi : With request to disconnect electricity w.r.t. operation of industry & power supply to continue only for domestic and security purpose.
4. **The Additional Secretary (AKM), CP Division**
MOEFCC, Prithvi Wing, 2nd Floor, Room No. 216,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003 : For information please.
5. **The Regional Director (East)**
CPCB, Southend Conclave, Block 502, 5th &
6th Floors. 1582
Rajdanga Main Road,
Kolkata-700107. : For information please.
6. **The Incharge, IT Division, CPCB, Delhi.**
7. **The Incharge, I/c IPC-VI CPCB, Delhi.**


[Prashant Gargava]
Member Secretary

