West Bengal Pollution Control Board
(Department of Environment, Government of West Bengal)
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Memo no: 397-7/WPBD-Cont(2274)/05 Date: 09/06/2014

D I R E C T I O N

WHEREAS, **M/s. Concast Bengal Industries Ltd.** (hereinafter referred to as the industry) located at Mouza – Mosliya, Vill.- Gourandi, P.O.- Achuri Salboni, P.S.- Bankura, Dist.- Bankura, Pin – 722 102 is a sponge iron industry having 2X100 TPD Rotary Kilns followed by 2X10 TPH WHRB, 2X12 MT/heat & 2X8.5 MT/heat Induction Furnaces along with one Continuous Casting Machine.

AND WHEREAS, the industry also has 1X30 TPH/hr. dual fuel fired (oil/producer gas) reheating furnace, 2X6500 Nm^3/hour coal fired gasifiers, 16.5 MW Captive Power Plant (CPP) comprising of above stated 2X10 TPH WHRB & 1X70 TPH AFBC boiler. The rotary kilns are provided with individual ESP as APCD and connected to a common stack of height 30m from G.L. The APCD for 2X12 MT/heat Induction Furnaces are bag filter, suction hood, spark arrestor, heat exchanger and ID Fan and the APCD for 2X8.5 MT/heat Induction Furnaces is bag filter and both sets of furnaces are connected to a separate stack of height 30m from G.L. The AFBC boiler is provided with an ESP consist of four fields and connected to a stack of height 60m from G.L. The reheating furnace is connected to a common stack of height 30m from G.L.

AND WHEREAS, the industry was inspected by the **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred to as the Board) on 26/12/2013. During inspection the Rotary Kilns, the Captive Power Plant and 1 no. coal fired gasifier were found in operation. At the time of entry into the factory premises, the ESPs attached to both the Rotary Kilns and the ESP of the CPP were not operating resulting in high emission through the respective stacks. After an hour, emission was significantly reduced when both the ESPs were put into operation. Ash and dolo char were found to be dumped outside the factory premises. Housekeeping near each bag house was found to be very poor. During inspection stack monitoring was carried out for the common stack of the Rotary kilns and the analysis report shows non-compliance of the PM emission standard (**124.87 mg/Nm^3**) Ambient air quality monitoring between ESP & Stock House was also carried out and the industry marginally failed to comply with the ambient air quality standard (**2019.06 µg/m^3**).

AND WHEREAS, it appears from the inspection report that this industry is a perpetual violator of environmental norms and the industry has tendency of not operating APCDs. Similar incident was also observed during inspection on 19/06/2013.

AND WHEREAS, earlier the industry was called for a hearing on 24/07/2013 for gross non-compliance of environmental norms and the industry was directed to submit a Bank Guarantee of Rs. 2.00 lakhs. The industry submitted the BG amount on 07/09/2013.

AND WHEREAS, the Consent to Operate of the industry was valid up to 31/12/2013. The industry has applied for the extension of validity period of the Consent to Operate. In spite of a direction issued by the Board on 22/08/2013, the industry did not obtain Hazardous Waste Authorisation from the Board till date.

AND WHEREAS, the industry was called for a technical hearing on 25/04/2014 at the head office of the Board due to repeated violation of environmental norms as recorded above.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that on the day of inspection ESPs attached to the Rotary Kilns and CPP were non-functional because Captive Power Plant had suddenly tripped due to some technical fault. They immediately rectified the same and both the ESPs were put into operation.

NOW THEREFORE, considering the violations recorded above and the submission made by the industry, the Board hereby directs **M/s Concast Bengal Industries Ltd.** located at Mouza – Mosliya, Vill.- Gourandi, P.O.- Achuri Salboni, P.S.- Bankura, Dist.- Bankura, Pin – 722 102 as follows:

1. **That,** the industry shall always comply with PM emission standard through proper functioning of the emission control system.
2. **That,** the industry shall take shut down of its manufacturing activity whenever the pollution control system fails to function due to whatever reason and the same will be intimated to the Board
3. **That,** the industry shall keep the dolo char and ash under covered shed. These should not be stored in open place outside the factory premises.
4. **That,** the industry shall take necessary measures to minimize the fugitive emission
5. **That,** the industry shall immediately obtain Hazardous Waste Authorisation from the Board as per the provisions of the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.
6. **That,** the industry shall comply with all the directives issued by the Board vide Memo No. 1044-4A/WPB/CE-II/GEN/2008 dated 01/06/2012.
7. **That,** the industry shall submit a Bank Guarantee (proforma enclosed) of Rs.10,00,000/- (Rupees Ten Lakhs) only, valid for twelve [12] months within fifteen [15] days from the date of issuance of this order in favour of the **WEST BENGAL POLLUTION CONTROL BOARD** as an assurance to comply with the above directions.
8. **That,** the Bank Guarantee of Rs. 2.00 lakh which was earlier imposed upon the industry on 22/08/2013 may be forfeited as Pollution Cost for non-compliance of environmental norms and violation of the directions issued by the Board.
9. **That,** the industry shall comply with the directions as mentioned in Sl No. 3 to 6 within 30.09.2014 and submit compliance report of the same.

The Environmental Engineer, Durgapur Regional Office of the Board is requested to keep a strict vigil upon the industry. If the industry is again found to be non-complying, the Board may take stricter regulatory action against the industry.

This direction is issued in exercise of the powers conferred under provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986 and Rules made thereunder as amended, after being approved by the competent authority.

By Order,

Sd/-
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board