



West Bengal Pollution Control Board
(Department of Environment, Government of West Bengal)
Paribesh Bhawan, Bldg. 10A, Block LA
Sector III, Salt Lake, Kolkata 700 098
Tel: 2335-6730, 2335-9088/7428/8211/6731/0261/8861
Fax: (0091) (033) 2335-2813

Memo No. 645-111/WPB/SEE(KO)-GEN/2003

Date: 12/04/2011

DIRECTION

WHEREAS, M/s. Mark Steels Ltd. (hereinafter referred to as the industry) operates its sponge iron industry having 2X100 TPD rotary kilns and 2 nos. induction furnace at Vill.- Jagannathdih, P.O.- Murulia, P.S.- Santuri, Dist.- Purulia, Pin – 723 121.

AND WHEREAS, the industry is perpetually non-complying in nature and several penal actions have been also taken by the **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred to as the Board) against the industry on earlier occasions which is recorded below:-

The industry was penalized with a Bank Guarantee of Rs. 5.00 lakhs and a Pollution Cost of Rs. 1.00 lakh on 09/03/2007 for environmental non-compliance.

The industry was issued closure order with disconnection of electricity by the Board on 14/08/2007 for non-compliance of environmental norms. Also an amount of Rs. 2.00 lakhs was forfeited from the Bank Guarantee money. Suspension of closure order was issued on 28/08/2007 with additional Pollution Cost of Rs. 2.00 lakhs and additional Bank Guarantee of Rs. 5.00 lakhs.

The industry was again issued closure order with disconnection of electricity by the Board on 10/06/2008 for gross non-compliance. Subsequently suspension of closure order was issued on 22/07/2008.

The industry failed to comply with the standard for the stack connected to rotary kiln No. 1 on 19/03/2009 (103.42mg/Nm³).

Another inspection was carried out by ASRO on 09/07/2009 when it was observed that high emission was being emanated from ESP stack of kiln 2 as well as ABC cap of kiln 1 & 2.

The industry failed to comply with stack emission standards during stack monitoring carried out on 21/01/2010 for the stack connected to rotary kiln 1 (PM – 219.39 mg/Nm³).

AND WHEREAS, inspection of the industry was carried on 16/09/2010. Visible emission was observed from the stack connected to rotary kiln 1. High visible emission from stacks and high fugitive emission was noticed from cooler discharge and I-bin areas. The dry fog systems which have been installed were totally non-functional. Large amount of coal fines, ESP dust and bag filter dust were found to be stored inside the plant premises. Dolo char was found to be stored in an adjacent land. The housekeeping and internal road conditions were observed to be very poor. Stacks attached to cooler discharge and I-bin were not raised to 30 mtrs. from G.L.

AND WHEREAS, monitoring and fugitive emission was carried out inside the industry on 16/09/2010. The values are given below:

Location	Duration	TSPM in $\mu\text{g}/\text{m}^3$	RSPM in $\mu\text{g}/\text{m}^3$	Permissible limit for PM $2000 \mu\text{g}/\text{m}^3$
Between C.D. & Coal crusher	180 mins	6096.2	1781.89	
Between recuperator and stock house	168 mins	3243.35	1066.73	

AND WHEREAS, the said industry was called for a hearing by the Board on 27/01/2011. The Director of the industry appearing in the hearing could not provide any satisfactory explanation to the non-compliance as recorded above.

NOW, THEREFORE, considering the repeated non-compliance on the part of the industry the Board hereby directs the industry to deposit a Pollution Cost of Rs.5,00,000/- (Rupees Five Lakhs) only within 15 (fifteen) days from the date hereof by Demand Draft to be drawn on Service Branch, Kolkata / Banker's cheque in favour of **WEST BENGAL POLLUTION CONTROL BOARD**. The Asst. Environmental Engineer & Incharge, Asansol Sub-Regional of the Board is requested to inspect the industry within April 2011 to assess the present status of compliance on the part of the industry.

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

By Order,

Sd/-

(Subrata Ghosh)

Chief Engineer

Operation & Execution Cell

West Bengal Pollution Control Board