



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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MEMO NO.: 1257-145-WPB-SEE-K.O.-GEN/2003

DATED : 16-07-2007

DIRECTION

WHEREAS M/S. VIKAS METAL & POWER LTD. (hereinafter referred as the industry) having its sponge iron and induction furnace units at Vill. & P. O. – Poradiha, P. S. – Santuri, Dist. – Purulia, PIN – 722 163.

WHEREAS, an inspection and emission monitoring of the unit was carried out by the officials of THE WEST BENGAL POLLUTION CONTROL BOARD (hereinafter referred as the Board) on 20-02-2007 reveals noncompliance of particulate emission standard in the product house section. However the unit complied with the particulate emission standard in rotary kilns and cooler discharge section. The results of monitoring are tabulated below:

DATE OF SAMPLING	POINT OF SAMPLING	CON. OF PM(mg./Nm ³)	PERMISSIBLE LIMIT(mg./Nm ³)
22-02-2007	Rotary Kiln - 1 & 2	107.26	150
22-02-2007	Rotary Kiln - 3 & 4	109.54	
22-02-2007	Product House	209.54	
22-02-2007	Cooler Discharge	152.46	

WHEREAS, during the inspection and monitoring on 22-02-2007, the following observations were also recorded.

1. The coal char is being dumped indiscriminately. Due to scarcity of water, water sprinkling was not being done properly.
2. The arrangement for providing water will be made available from Damodar River and tube well for industrial used has not yet been done. It may be mentioned here that the NOC for their expansion unit was issued conditionally on the basis of their declaration that water will be provided through Damodar River.
3. Fugitive emission at product house, cooler discharge section of kiln no.1 & 2 was high. Fugitive emission at ESP bottom of kiln No.3 & 4 was also high.
4. The unit has failed to commission the captive power plant using FBC boiler (for utilization of dolochar) by January, 2007 as per their commitment.
5. The industry has also not commissioned pneumatically controlled ESP dust collecting system followed by pug mill.

WHEREAS, a hearing was conducted involving the industry on 08-06-2007 at the Head Office of the West Bengal Pollution Control Board.

WHEREAS, in the hearing the industry submitted that they are already in the process of installation of captive power plant (10 MW) using FBC and waste heat boilers. The FBC boiler will utilize 50% of the coal char generated per day and the rest 50% would be disposed in abandoned mines. The industry has submitted an undertaking that they will commission the captive power plant within December, 2007.

NOW THEREFORE, in exercise of the powers conferred under Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986 and Rules made thereunder M/S. VIKAS METAL & POWER LTD., is hereby directed as follows

1. That, that industry should always operate its pollution abatement efficiently so as to comply with the particulate emission standard in all the unit operation of the sponge iron plant.
2. That, the industry should shut down its manufacturing activity whenever the pollution abatement system fails to function due to whatever reason and the same should be intimated to the Board.
3. That, the industry must complete commissioning of the captive power plant (10 MW) by 31st December, 2007 using FBC and waste heat boilers so that they can utilize 50% of the coal char generated per day.
4. That, the industry should make immediate arrangement for disposal of dolo char and coal char including the accumulated amount in abandoned coal mines.
5. The industry will have to commission pneumatically controlled ESP dust collecting system followed by pug mill within two months from the date hereof.
6. That, the industry should ensure supply of water from Damodar River in their unit as per its commitment in their NOC application for expansion activity within three months time from the date of issue of this order. Bank Guarantee amounting to Rs.3.00 Lakhs (Rupees Three Lakhs) shall be forfeited in case of the noncompliance of the order within the stipulated time.
7. That, the industry should make arrangement for planting a minimum number of 10,000 seedlings in and around the plant premises within this monsoon and ensure 80% survival of the same.

In case of the non-compliance of the above directions by the industry within the stipulated time, the Board may have to issue necessary regulatory order without any further reference.

This has the approval of the Competent Authority.

Order

Sd/-

(Dr. D. Chakraborty)

**Chief Scientist & Head-Technical Cell
West Bengal Pollution Control Board**