



WEST BENGAL POLLUTION CONTROL BOARD

(Department of Environment, Govt. of West Bengal)

Paribesh Bhawan

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MEMO NO.: 2769 -173-WPB-SEE-K.O.-GEN/2004

DATE: 08/01/08

DIRECTION

WHEREAS, **M/S. RISHABH SPONGE PVT. LTD.** operates its sponge iron unit at Barjora, Dist. – Bankura.

WHEREAS, a public complaint was lodged before the WEST BENGAL POLLUTION CONTROL BOARD (hereinafter referred as the Board) by the local unit of Paschim Banga Vigyan Mancha alleging operation of the unit without operating ESP resulting in emission of black smoke.

A surprise inspection of the unit was carried out on 10-09-2007, which revealed high level of emission from the stack as also leakage through ABC cap. High fugitive emission from cooler discharge and product separation house were also observed.

All the emission control systems including ESP were however found in operating condition during inspection.

The industry was earlier show caused for noncompliance of emission standard. The results of monitoring is placed below.

SL. NO.	DATE OF SAMPLING	STACK ATTACHED TO	RESULT OBTAINED (mg/Nm ³)
01.	07-09-2006	Cooler discharge	16
02.	07-09-2006	Rotary Kiln No.2	256.50
03.	16-01-2007	Rotary Kiln 1 & 2	160.30
04.	16-01-2007	Cooler discharge	96.44
05.	16-01-2007	Product House	340.62

WHEREAS, a public hearing was conducted in the Head Office of the Board on 16-11-2007 involving the industry and the complainants. No body appeared in the hearing on behalf of the complainants.

WHEREAS, Shri Vijayendra Kumar Jain, Director of the industry appearing in the hearing submitted that the unit is serious about the control of emission by proper functioning of emission control systems. However, due to the problem related to water supply, the Gas Conditioning Tower (GCT) linked to the ESP can not be operated efficiently. The Director of the industry was duly apprised by the Technical Committee that onus of compliance with environmental standards is squarely lies with the industry.

NOW THEREFORE, considering the earlier emission results which marginally deviated from the permissible emission standard and the surprise inspection report referred above, **M/S. RISHABH SPONGE PVT. LTD.** is hereby directed by the Board as under:

1. That, the industry will ensure compliance of particulate emission from all the unit operations of the sponge iron manufacturing process within one month.

2. That, the industry will ensure efficient functioning of the emission control systems during the manufacturing process.
3. That, the industry will take a shut down of its manufacturing process whenever the pollution abatement system fails to function for whatever reasons and the same should be intimated to the Board.
4. That, the industry should submit a Bank Guarantee (proforma enclosed) of Rs.2.00 Lakhs (Rupees Two Lakhs only) valid for 12 [12] months within fifteen [15] days from the date hereof in favour of the WEST BENGAL POLLUTION CONTROL BOARD for ensuring compliance of the above directions

In case of noncompliance of the above direction within the stipulated time, the Board may initiate regulatory action against the industry without any further reference in the matter.

This direction is issued in exercise of the powers conferred under Air (Prevention & Control of Pollution) Act, 1981 and Environment (Protection) Act, 1986 and Rules made thereunder.

This has the approval of the Competent Authority.

By Order

Sd/-

(Dr. D. Chakraborty)

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