



**WEST BENGAL POLLUTION CONTROL BOARD**

( Department of Environment, Govt. of West Bengal )

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Memo No. 529-WPBA/Red(Prl)/Cont(167)/05

Date: 04/07/2014

**D I R E C T I O N**

**WHEREAS, M/s. Rabindra Enterprise** (hereinafter referred to as the industry), located at Vill.- Inanpur, P.O.- Digha, P.S.- Neturia, Dist.- Purulia, Pin- 723 121 is a sponge iron industry having 1X100 TPD Rotary Kiln. The Rotary Kiln is provided with ESP and Recuperator as air pollution control device (APCD) and connected to a stack of height 32m from G.L.

**AND WHEREAS**, inspection of the industry was carried out by the officials of **WEST BENGAL POLLUTION CONTROL BOARD** (hereinafter referred to as the Board) on 10/04/2014. During inspection the Rotary Kiln was found in operation. Although ESP and Recuperator attached to the Rotary Kiln were functional, but visible emission was noticed through the ESP stack. Large quantity of coal and iron ore fines was found to be stored in an open space. Huge quantity of ESP & bag filter dusts was found to be stored in an adjacent land outside the factory premises. Huge fugitive emission was observed at the product house area. Internal roads were observed to be damaged at some locations. Plantation inside the industry and its periphery was found to be inadequate. Housekeeping of the industry was found to be poor. The agricultural lands of the complainants are located on eastern side of the industry at a distance of about 100 m and located at a lower elevation with respect to the industry. Deposition of black dusts was noticed on leaves of green cauliflowers cultivated in the complainants land.

**AND WHEREAS**, the 'Consent to Operate' of the industry is valid up to 31/03/2015.

**AND WHEREAS**, the industry was called for a hearing on 27/05/2014 at the head office of the board following a public complaint lodged by the residents of village Bortoria, P.S.- Neturia, Dist.- Purulia alleging severe air pollution, formation of dust layer on village pond water, damage of agricultural fields with polluted water discharged by the industry.

**AND WHEREAS**, the complainants appeared in the hearing and strongly alleged that the coal and iron ore fines are carried over from the industry with storm water to their agriculture lands especially during the monsoons and damaged the crops. The complainants also alleged that crop production as well as pisciculture in the village pond are getting hampered due to deposition of coal/iron ore fines in the agricultural land and pond water.

**AND WHEREAS**, the Director of the industry appearing in the hearing agreed with the above mentioned observations of the Board. He submitted that they have placed purchase order on 19/05/2014 for installation of opacity meter for monitoring of PM concentration in ESP stack. He also submitted that they would construct a covered shed (approx. 7000 sq.ft.) inside the industry premises for storing coal and iron ore fines to avoid spreading of dust to the surrounding areas and initiate tree plantation in and around its factory premises in this rainy season. He mentioned that they would construct settling chamber for surface runoff water to prevent discharge of the same to adjacent land outside the plant premises.

**NOW, THEREFORE**, considering the non-compliance as observed during inspection and public complaints against the industry, **M/s. Rabindra Enterprise** located at Vill.- Inanpur, P.O.- Digha, P.S.- Neturia, Dist.- Purulia, Pin- 723 121 is hereby directed to comply with the following :

1. **That**, the industry shall always operate with proper functioning of pollution control system for compliance with the particulate emission standard.

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 complete the installation work of the opacity meter for monitoring PM concentration of ESP stack.
4. **That**, the industry shall immediately remove accumulated coal and iron ore fines from the open space and the same to be stored under shed by covering with polythene sheet or tarpaulin to avoid contact with storm water.
5. **That**, the industry shall immediately remove ESP and bag filter dust from the open space outside the factory premises and ensure no such accumulation takes place in future.
6. **That**, the industry shall complete the construction work of covered shed for storing coal and iron ore fines within July 2014.
7. **That**, the industry shall make arrangement for sufficient water sprinkling to control fugitive emission and for dust suppression within the factory premises.
8. **That**, the industry shall improve the condition of internal roads.
9. **That**, the industry shall initiate extensive tree plantation in and around the factory premises in the ensuing rainy season.
10. **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.
11. **That**, the industry shall comply with the directions as mentioned in sl.no 4 to 10 within July 2014.
12. **That**, the industry shall execute a **Bank Guarantee** (proforma enclosed) of **Rs. 5,00,000/-** (Rupees five lakh) only valid for twelve (12) months within fifteen [15] days from the date of issuance of this direction in favour of the **WEST BENGAL POLLUTION CONTROL BOARD** as an assurance to comply with the above directions.

The Environmental Engineer, Asansol Sub- Regional Office of the State Board is requested to conduct an inspection of the industry after 31<sup>st</sup> July, 2014 involving the complainants to verify the status of compliance of the above directions and if the industry is found running violating the Board's direction, the Board will be at liberty to 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 after being approved by the Competent Authority.

By Order,

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