WHEREAS, M/s. Bhagwati Sponge Pvt. Ltd. (hereinafter referred to as the industry) located at Vill. & P.O.- Ikrah, P.S.- Jamuria, Dist.- Burdwan, Pin- 713 362 is a sponge iron industry having 2X100 TPD Rotary Kilns. The Rotary Kilns are provided with ESP followed by Gas Conditioning Tower (GCT) as air pollution control device (APCD) and connected to a stack of height of 35m from G.L.

AND WHEREAS, inspection of the industry was carried out by the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 31/03/2015. During inspection both the Rotary Kilns were found in operation. Although ESP attached to the kilns were found to be functional during inspection, but high emission was observed from the cap of After Burning Chamber (ABC). Large amount of coal and iron ore was found to be stored in an open space. Green belt development in and around the industry was found to be inadequate.

AND WHEREAS, stack monitoring was earlier conducted on 19/09/2014 for the stack connected to kiln 1 & 2 and the industry failed to comply with PM emission standard \(1003.00 \text{ mg/Nm}^3\) against the permissible limit of 100 mg/Nm\(^3\)). A show cause notice was issued to the industry on 12/11/2014.

AND WHEREAS, the Consent to Operate of the industry is valid up to 31/05/2015.

AND WHEREAS, the industry was called for a hearing at the Head office of the Board on 22/04/2015 for the above mentioned non-compliances.

AND WHEREAS, the Director of the industry appearing in the hearing agreed with the above mentioned observations of the Board. He submitted that on the day of inspection ESP attached to the rotary kilns was not properly functioning because damage of one of the ESP transformers due to sudden thunder storm occurred on the day before inspection. He stated that the transformer has been repaired and the APCD is functioning properly. He also submitted that during stack monitoring on 19.9.2014 full power of 11 KV was not available from DPSC resulting in failure of ESP and abrupt result of PM value. They informed that additional sheds for storage of raw materials will be constructed.

NOW, THEREFORE, considering the non-compliance of environmental norms as mentioned above, M/s. Bhagwati Sponge Pvt. Ltd. located at Vill. & P.O.- Ikrah, P.S.- Jamuria, Dist.- Burdwan, Pin- 713 362 is hereby directed as follows:

1. That, the industry shall undertake necessary modification / repairing work of the APCD attached to the rotary kilns in order to improve its efficiency.

2. That, the industry shall ensure continuous and smooth functioning of the pollution abatement system in all unit operations of the plant and comply with the particulate emission standard.

3. 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.

4. That, the industry shall keep the ABC cap in proper position for efficient operation of the emission control system of rotary kilns.
5. **That**, the industry shall always store coal and iron ore under an adequately designed shed to avoid dust pollution.

6. **That**, the industry shall initiate extensive tree plantation in and around the factory premises.

7. **That**, the industry shall operate in compliance with all the directives issued by the Board vide Memo No. 1044-4A/WPB/CE-II/GEN/2008 dated 01/06/2012.

8. **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 direction.

The Environmental Engineer, Asansol Regional Office of the Board will keep a strict vigil on 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 the provision of Air (Prevention & Control of Pollution) Act 1981, 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