Memo No. 422/WPBA/Red(Bwn)/Cont(598)08(Part- II)  Date:  17/04/2019

**DIRECTION**

WHEREAS, M/s. Calstar Sponge Limited (hereinafter referred to as the industry) located at Jamuria Industrial Estate, P.S.: Jamuria, P.O.: Ikrah, Paschim Bardhaman, Pin- 713 362 is a sponge iron industry having 2 x 100 TPD DRI kilns, 1 no. coal crushing unit and 1 no. iron ore crushing unit. Each DRI kiln is attached with GCT, ESP and a common stack attached of height 42m from GL to it. The unit has separate Bag filter as Air Pollution Control system for cooler discharge, product house, coal crushing and iron crushing unit.

AND WHEREAS, Office of the District Magistrate, Paschim Bardhaman issued an order to all concern for further inspection for observed various non-compliances during visit of District Magistrate (DM), Paschim Bardhaman and his team on 09.01.2019. In the order, Asansol Regional Office has been directed to cause an inspection with reference to high fugitive emission, noise pollution and violation of Environmental Clearance (EC) condition as noticed during inspection of DM’s team on 09.01.2019. Accordingly, the industry was inspected by the official of the West Bengal Pollution Control Board (hereinafter referred to as the State Board) on 15/01/2019. During inspection the following observations were made:

- Both the kilns were in operation. No visible emission was observed.
- Top portion of the common stack attached to the kilns were in broken condition.
- Refuse was stored at different places inside the factory premises.
- Dry fog system attached to the bottom of the bag filter was in operation. But the same for product house separation was not in operation and was under maintenance.
- Water sprinkler system was found in operation at few places. It seemed that number of sprinklers were inadequate and are operated irregularly.
- Road inside the premises are not concrete /paved.
- Huge amount of dust is deposited on the road and in other areas which create environmental pollution during movement of vehicle and during blowing of wind. Deposition of dust on the road and in other areas establishes irregular use of dry fog system/ dust suppression system.
- Tree plantation was found to be inadequate

The Consent to Operate of the industry is valid upto 31/07/2022.

AND WHEREAS, the industry was called for a hearing on 15.03.2019 for non-compliance of environmental norms as observed during inspection by the Board official.

AND WHEREAS, the Director of the industry appeared in the hearing and agreed with the above mentioned observations. He submitted that they would clean all dusts deposited on the road and in other areas of the plant and would install sufficient no. of water sprinklers to mitigate fugitive emission within the factory premises. He also submitted that water sprinklers, dry fog system / dust suppression system will be operated on regular basis. He mentioned that they would complete tree plantation at least 33% of the total project land area in the plant. The industry directed to submit an area map for plantation of trees in the ensuing monsoon within the unit premises.
NOW THEREFORE, Considering the above, M/s. Calstar Sponge Limited located at Jamuria Industrial Estate, P.S.: Jamuria, P.O.: Ikrah, Paschim Bardhaman, Pin- 713 362 is hereby directed as follows:

1. The industry shall always operate with proper functioning of pollution control systems for compliance with the environmental norms for all unit operations in the plant.
2. The industry shall take shut down of its manufacturing activity whenever the pollution control system fails to function and the same shall be intimated to the Board.
3. The industry shall install and use the sufficient water sprinklers and to provide mobile water tankers to control fugitive emission within the factory premises.
4. The industry shall immediately repair broken part of top portion of the common stack attached to the kilns.
5. The industry shall always operate dry fog system attached to the bottom of the bag filter, product house separation.
6. The industry shall clean all dusts deposited on the road and in other areas of the plant and shall operate dust suppression system on regular basis.
7. The industry shall concretize all the internal roads and develop green buffer zone (33% of the total project land area) along the inside periphery of the factory premises.
8. 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.
9. The industry shall arrange for WBPCB connectivity with server for online stack emission data transmission at the earliest.
10. 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 (Corporation Bank IFSC Code CORP 0000663) as an assurance for proper functioning of the APCDs and for ensuring compliance of the environmental norms.

The Senior Environmental Engineer, In-charge of Asansol Regional Office of the Board is requested to keep a strict vigil on the industry. In case of any further noncompliance, the Board will take strict regulatory action like closure with disconnection of electricity of the industry and may forfeit the Bank Guarantee.

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