WHEREAS, M/s. Dhanbad Fuels Limited. (herein after referred to as the industry) located at G-11 & G-12, Mangalpur Industrial Estate, P.O.- Baktarnagar, P.S.- Raniganj, Dist.- Paschim Bardhaman, Pin – 713 321 is a sponge iron industry of production capacity 3750 MT/month. The unit has 3X50 TPD Rotary Kilns. The kilns are provided with ESP as air pollution control system and connected with two separate stacks.

AND WHEREAS, the industry was inspected by the Asansol Regional Office of the State Board on 11/12/2018. During inspection 02nos. DRI Kiln were found in operation. During inspection the following observations were made:

- Visible emission through the stacks of the kilns were noticed
- Leakage of emission through an opening at the bottom of the ABC chamber was also noticed.
- A leakage was observed at the slip seal ring.
- Heaps of raw materials and iron fines were found in open space.
- ESP and bag filter refuse were found to be stored in open space within the unit premises.
- All the conveyor belts were found to be covered.
- Opacity meter attached to the Rotary Kilns was observed but it is not in operating condition.
- Pug mill was found but it was not in operation.
- Dry fog systems were found but it was not in working condition.
- Water sprinkling arrangement was found at several places but few of them were functional.
- Internal road condition is concreted / paved but a thick layer of dust was found to be deposited.
- No rainwater harvesting facility was observed.
- Tree plantation was found to be inadequate.

AND WHEREAS, the “Consent to Operate” of the industry is valid upto 31/10/2023. As available in the office record the industry does not possess the Authorization for Hazardous waste.

AND WHEREAS, the industry was called for a hearing on 15/03/2019 for non-compliance of environmental norms as observed by the State Board Official during inspection.

AND WHEREAS, the Director of the industry appeared in the hearing and agreed with the above mentioned observations. He submitted that they have repaired all leakages of emission control system by taking temporary shutdown of the plant. He also submitted that most of the raw materials are kept under shed by covering with tarpaulin. He stated that presently opacity meter is in operating condition. He mentioned that pug mill, dry fog system and water sprinklers are in working condition and all internal roads are concretized and regular washing of the roads is being done. The industry directed to submit an area map for plantation of trees in the ensuing monsoon within the unit premises.
NOW THEREFORE, considering the submission of the industry, M/s. Dhanbad Fuels Limited located at G-11 & G-12, Mangalpur Industrial Estate, P.O.- Baktarnagar, P.S.- Raniganj, Dist.- Paschim Bardhaman, Pin – 713 321 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 always operate sufficient water sprinklers for dust suppression within the factory premises.
4. The industry shall always operate dry fog system to control fugitive emission within the unit premises.
5. The industry shall clean all dusts deposited on the internal roads of the plant.
6. The industry shall store iron fines, raw materials under shed by covering with polythene sheet or tarpaulin.
7. The industry shall develop green buffer zone along the inside periphery of the factory premises.
8. The industry shall install rainwater harvesting facility at the earliest
9. 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.
10. The industry shall arrange for WBPCB connectivity with server for online stack emission data transmission at the earliest.

The industry shall submit a Bank Guarantee (proforma enclosed) of Rs. 3,00,000/- (Rupees three 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 to comply with the environmental norms in future.

The Senior Environmental Engineer, Asansol Regional Office of the Board may be requested to keep a strict vigil on the industry. If the industry is again found to be non-complying, the Board will take strict regulatory action like forfeiture of BG, closure with disconnection of electricity of the industry.

This direction is issued in exercise of the powers conferred under the provision of Section 33A of Water (Prevention & Control of Pollution) Act, 1974 and Section 31A of Air (Prevention & Control of Pollution) Act, 1981 and rules made thereunder after being approved by the Competent Authority.

By Order,

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