WHEREAS, M/s. BDG Metal & Power Ltd. (hereinafter referred to as the industry), located at Plot No. KLMN, WBIDC Plasto Steel Park, Kadasole, P.O. & P.S.- Barjora, Dist.- Bankura, Pin – 722 202 is a mini steel plant having 4 nos. Induction Furnaces of capacity 15MT/heat each, 2 nos. Submerged Electric Arc Furnaces (SEAFs) of capacity 9 MVA each, 1 no. slag crushing unit to recover residual iron from slag, Continuous Casting Machine (CCM) and 1 no. Ladle Refining Furnace (LRF) of capacity 15 MT. The SEAFs are provided with individual bag filter as air pollution control device (APCD) and connected to a common stack of height 30m from ground level (G.L.). The 1st & 2nd Induction Furnaces are provided with common bag filter and connected to a common stack of height 30m from G.L. The 3rd & 4th Induction Furnaces and the LRF are provided with common bag filter as APCD and connected to a common stack of height 30m 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 06/08/13. During inspection the 2nd SEAF was found in operation with APCD of 1st SEAF. ID fan of the APCD of 2nd SEAF was not functional. Due to inadequate suction major portion of gaseous emission was not being passed through the stack which was reflected in the analysis report (PM value obtained was 7.09 mg/Nm$^3$). During testing the unit reduced the working load. It was observed that no tap hole emission control system was provided with SEAFs. All the Induction Furnaces were found in operation. The APCD for 1st & 2nd Induction Furnace was found in defunct condition. Huge fugitive emission was observed from 2nd Induction Furnace engulfing the entire area. The 3rd & 4th Induction Furnace was found in operation with APCD, but emission from the 4th furnace was not arrested properly. Plantation was found to be poor. Huge slag was found to be heaped inside the industry.

AND WHEREAS, inspecting official was resisted from entering the industry by the security personnel initially but later on allowed to inspect the industry. Similar situation was faced by the Board officials during the night raid conducted on 05/04/2012.

AND WHEREAS, ‘Consent to Operate’ of the industry is valid up to 31/12/2013.

AND WHEREAS, the industry was called for a hearing on 20.09.13 at the head office of the Board for the non-compliance of environmental norms as observed during inspection by the Board officials.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They apologized for resisting the Board officials from entering the industry and assured that such type of incident will not happen in future. They submitted that they have already taken necessary steps towards proper functioning of pollution control systems attached to SEAFs and Induction Furnaces which were observed to be non-functional during inspection. They also stated that presently the pollution control systems are functioning properly.
NOW, THEREFORE, considering the non-compliance as mentioned above, M/s. BDG Metal & Power Ltd. located at Plot No. KLMN, WBIDC Plasto Steel Park, Kadasole, P.O. & P.S.-Barjora, Dist.-Bankura, Pin – 722 202 is hereby directed as follows:

1. **That**, the industry shall operate with efficient functioning of pollution control devices.

2. **That**, the industry shall dispose of the slag in environment-friendly manner.

3. **That**, the industry shall initiate plantation in and around the plant premises.

4. **That**, the industry shall submit a Pollution Cost of Rs. 1,00,000/- (Rupees One lakh) only within fifteen [15] days from the date hereof by Demand Draft to be drawn on Service Branch, Kolkata/Banker’s cheque in favour of the **WEST BENGAL POLLUTION CONTROL BOARD**.

The Environmental Engineer, Durgapur Regional Office of the State Board is requested to keep vigil over the industry and if the industry is found to violate the direction of the Board, stricter regulatory order including closure with disconnection of electricity may be issued.

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*