WHEREAS, M/s. Shyam Ferro Alloys Ltd. (hereinafter referred to as the industry) located at Palitpur Road, Dewandighi, P.O.- Mirjapur, P.S. & Dist.- Burdwan, Pin – 713 102 is a ferro alloy manufacturing industry. The industry has five Sub-merged Electric Arc Furnaces (SEAFs) of capacity 2X16MVA, 2X5MVA and 1X2.5MVA. All the furnaces are provided with bag filter (two sets) as air pollution control device (APCD) and a common stack of height 40m from G.L.

AND WHEREAS, the industry was inspected by the officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 19/08/2015. During inspection huge emission was observed from bypass stacks of all the furnaces and the industry was operating the furnaces without running the air pollution control devices attached to them. Huge emission was also observed by Board official from bypass stack of the industry while travelling by road on 30.06.2015.

AND WHEREAS, the Consent to Operate of the industry has expired on 31/08/15. The industry has applied for renewal of Consent to Operate on 14/07/2015.

AND WHEREAS, the industry was called for a hearing at the Head office of the Board on 15/09/2015 for the non-compliance of environmental norms as recorded above.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that in the month of August 2015 furnace operation was frequently disrupted because of very high moisture content in raw materials due to heavy rain and also frequent power failure. They mentioned that some bags of the bag filter also got damaged which have been replaced subsequently and the APCD is now functioning satisfactorily. They mentioned that a dedicated team headed by a senior manager has been formed to oversee the operation and maintenance of the APC systems.

AND WHEREAS, the Board officials present during hearing made it clear to the industry representatives that venting the emission from the furnaces through bypass stack instead of passing through APC device is a serious offence and such type of violation in future will attract strict regulatory action like Closure of the industry with disconnection of electricity.

NOW THEREFORE, considering the submission of the industry, M/s. Shyam Ferro Alloys Ltd. located at Palitpur Road, Dewandighi, P.O.- Mirjapur, P.S. & Dist.- Burdwan, Pin – 713 102 is hereby directed as follows:

1. That, the industry shall always operate the emission control system for the SEAFs efficiently to comply with the environmental norms for both the stack emission as well as fugitive emission. Emission from the furnaces should not be vented to atmosphere through bypass stack.

2. That, the industry shall take shut down of its manufacturing activity whenever the pollution control system fails to function and the same will be intimated to the Board.
3. **That**, the industry shall take necessary measures to reduce fugitive emission as much as practicable especially during the tapping operation. Tap hole emission control system shall always be operated efficiently.

4. **That**, the industry shall take adequate measures like water sprinklers at appropriate locations within the factory premises to minimise fugitive dust emission.

5. **That**, the industry shall execute a **Bank Guarantee** (proforma enclosed) of **Rs. 10,00,000/-** (Rupees Ten 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, Durgapur Regional Office of the Board will keep strict vigil on the industry and if the industry is found running violating the Board’s direction, the Board will be at liberty to take stricter action like forfeiture of Bank Guarantee, Closure of the industry with disconnection of electricity etc.

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**