WHEREAS, M/s. Super Smelters Ltd. (Unit-III) [hereinafter referred to as the industry] located at Jamuria Industrial Estate, P.O.- Ikhra, P.S.- Jamuria, Dist.- Burdwan, Pin–713 362 is a sponge iron and ferro alloy industry having 2X100 TPD and 2X300 TPD Rotary Kilns, 2X9 MVA Submerged Electric Arc Furnaces (SEAFs) & 2X25MT Induction Furnaces with Concast and Rolling mills, 2X38 TPH & 2X10 TPH WHRBs and 1X35 TPH AFBC boiler, 1X110 TPH CFBC boiler (29 MW). The 2X100 TPD Rotary Kilns are provided with individual ESP, bag filters and individual stack of height 36m from G.L., 2X300 TPD Rotary Kilns are provided with individual ESP, ID Fan and individual stack of height 70m from G.L., the SEAFs are provided with spark arrester, bag filter and stack of height 30m from G.L., induction furnaces are equipped with spark arrester, bag filter and stack of height 30m from G.L., the AFBC boiler is provided with ESP and connected to a stack of height 60m from G.L. and the CFBC boiler is provided with ESP, bag filters and connected to a stack of height 15m from G.L.

AND WHEREAS, the industry was inspected by senior officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 16/02/2017. During inspection following observations were made:

- The AFBC boiler (1X35 TPH) was not in operation, only the CFBC boiler (1X110 TPH) was in operation. High emission was observed from the stack of the CFBC boiler. High emission was also noticed from the feeding point of coal circuit of CFBC boiler due to non-operation of bag filters.
- Two nos. SEAF (2X9 MVA) were in operation. Low visible emission was noticed. One 100 TPD and one 300 TPD Rotary kilns were operating. Huge fugitive emission was observed in the sponge iron section.
- In rolling mill section, 2X25 MT Induction Furnaces were in operation.
- One pellet plant for manufacturing of iron ore pellet was also in operation. Emission from the stack was visibly on lower side.
- Thick layer of dust was found on the internal roads.
- The stack of new 1X300 TPD Rotary kiln was not connected to online monitoring system. All other kilns and power plant have online monitoring system alongwith data transfer facility. The online data of PM for the CFBC boiler as found during inspection was 31 mg/Nm$^3$, but actual stack emission was observed to be quite high.

AND WHEREAS, the industry was earlier called for a hearing on 24/12/2014 for non-compliance of environmental norms. Subsequently, closure with disconnection of electricity order was issued on 02/02/2015.

AND WHEREAS, the industry was called for a hearing by the Board on 17/03/2017 for non-compliance of environmental norms as observed during inspection by the Board officials.
AND WHEREAS, the representatives of the industry appeared in the hearing and agreed with the above mentioned observations. They have submitted a letter on 21.03.2017 stating that the dust suppression system could not be operated during inspection due to insufficient supply of water by the municipality, the municipality has now restored adequate water supply and the industry has also arranged own source of water from Ajoy River; presently the water sprinklers are in operation; high emission from the coal feeding system of the CFBC boiler was due to tripping of ID fan; the industry has incorporated interlock between running of ID fan of bag filter and conveyor belt of coal circuit for ensuring stoppage of the conveyor belts in case the ID fan trips; the new 1X300 TPD Rotary kiln has been provided with opacity meter and work for data transmission is in progress.

NOW THEREFORE, considering the submission of the industry, M/s. Super Smelters Ltd. (Unit-III) located at Jamuria Industrial Estate, P.O.- Ikhra, P.S.- Jamuria, Dist.- Burdwan, Pin–713 362 is hereby directed as follows:-

1. That, the industry shall always operate with proper functioning of pollution control systems so as to comply with the environmental norms for both stack emission as well as fugitive emission.

2. That, 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. That, the industry shall take initiatives for extensive tree plantation in and around factory premises.

4. That, the industry shall arrange for water sprinklers at appropriate locations within the factory premises and ensure sufficient water supply to minimise fugitive dust emission.

5. That, the road condition and overall house-keeping of the plant need to be improved.

6. That, the industry shall strictly follow the directives issued by the Board vide Memo No. 1044-4A/WPB/CE-II/GEN/2008 dated 01/06/2012.

7. That, the online monitoring systems shall be maintained properly and calibration at regular interval shall be done.

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 (Corporation Bank IFSC Code CORP 0000663) as an assurance to comply with the Board’s direction.

The Environmental Engineer, Asansol Regional Office of the Board shall keep strict vigil on the industry. In case of further non-compliance by the industry, the State Board will take legal action like closure with disconnection of electricity.

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/-
Sr. Environmental Engineer & In-charge Operation & Execution Cell
West Bengal Pollution Control Board