WHEREAS, M/s. Hooghly Alloy & Steel Co. (P) Ltd. (hereinafter referred to as the industry) located at NH-2, Delhi Road, Rajyadharpur, P.S.- Serampore, Dist.- Hooghly, Pin-712 203 is engaged in manufacturing steel ingot, and sectional mixed (like angle/channel etc.). The unit has two number induction furnaces with capacity (8 MT/batch & 5 MT/batch), 1 no. coal fired re-heating furnace (capacity 15 MT/hr.) and 1 no. furnace slag crushing unit. Both the induction furnace has common Bag filter and stack of height 30m from G.L. As Air Pollution Control Device (APCD). Reheating furnace is connected to a wet scrubber followed by a stack of height 33m from G.L.

AND WHEREAS, the industry was inspected by the official of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 28.02.2019 and 05.03.2019. Observations made during the two inspection dates are as follows:

<table>
<thead>
<tr>
<th>Observations made during inspection on 28.02.2019</th>
<th>Observations made during inspection on 05.03.2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 2nd. Induction furnace (5 MT) was in operation. High fugitive emission was observed.</td>
<td>• Slag crushing was being done in open space. Crushing section does not have any APCD.</td>
</tr>
<tr>
<td>• Ducting connecting the 8 MT Induction furnace to the common APCD was in poor condition (i.e. pitting in the ducting near the ID fan).</td>
<td>• Moderate stack emission observed from the reheating furnace. But high fugitive emission was observed.</td>
</tr>
</tbody>
</table>

AND WHEREAS, the industry was show-caused by the Board. Reply to the show cause letter was found to be unsatisfactory (the unit mentioned that they are trying to get quotations for the maintenance and repair job.).

AND WHEREAS, the Consent to Operate of the industry is valid upto 31.08.2022.

AND WHEREAS, the industry was called for a hearing on 26/06/2019 for non-compliance of environmental norms as observed during inspection by the Board official.

AND WHEREAS, the Manager of the industry appeared in the hearing and agreed with the above mentioned observations. He submitted that they would upgrade/modify the existing air pollution control system attached to the Induction Furnaces and also install the APCD for its slag crushing unit within 15th September, 2019.

NOW THEREFORE, considering the above, M/s. Hooghly Alloy & Steel Co. (P) Ltd. located at NH-2, Delhi Road, Rajyadharpur, P.S.- Serampore, Dist.- Hooghly, Pin-712 203 is hereby directed as follows:-

1. That, the industry shall complete the upgradation/modification of the existing air pollution control device attached to the Induction Furnaces within 15th September, 2019.
2. That, the industry shall install air pollution control system for its slag crushing unit within 15th September, 2019.
3. That, the industry shall always operate in compliance of environmental norms with efficient functioning of pollution control systems.
4. That, the industry shall ensure that slag crushing will be done under the covered area.
5. **That**, the industry shall submit an EC(Environmental Compensation) of **Rs. 10,00,000/- (Rupees Ten lakh)** only, by Demand Draft in favour of **WEST BENGAL POLLUTION CONTROL BOARD** payable at Kolkata for non-compliance of Environmental norms.

6. **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 (Corporation Bank IFSC Code CORP 0000663)** as an assurance to comply with the above direction as well as environmental norms.

The Environmental Engineer, Hooghly Regional Office of the Board may be requested to conduct an inspection of the industry after September 2019 to verify the status of environmental compliance. If the industry is again found running violating the Board’s direction, 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 Water (Prevention & Control of Pollution) Act, 1974, 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