DIRECTIVE

WHEREAS, M/s. Rashmi Ispat Ltd. (hereinafter referred to as the industry) located at Vill. & P.O. – Gajasimul, P.S. & Dist. – Jhargram, Pin–721513 is a Sponge Iron manufacturing unit having 4X100TPD DRI Kilns. DRI Kilns 1 & 2 are provided with a common stack of height 30m. DRI Kilns 3 & 4 are connected with separate stack of height 30m each. The industry has also an AFBC Boiler of capacity 25 TPH for generation of Power and provided with a stack of height 56m.

AND WHEREAS, the industry was inspected by the officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 10.03.2021. The following observations were made during inspection:

- At the time of inspection, AFBC Boiler & DRI Kilns 1 &2 were not in operation. Three samples were collected during inspection from the Stack of DRI Kiln-3 &4 and Cooler Discharge-4. The results shows that the unit failed to meet the emission discharge standard. The details are given below:

<table>
<thead>
<tr>
<th>Date of Sampling</th>
<th>Sample collected from</th>
<th>Parameter</th>
<th>Result obtained</th>
<th>Permissible Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.03.2021</td>
<td>Stack attached to DRI Kiln-4</td>
<td>PM</td>
<td>60.25 mg/Nm$^3$</td>
<td>50 mg/Nm$^3$</td>
</tr>
</tbody>
</table>

- Earlier, the unit also failed to meet the emission discharge standard during sampling to the unit on 23.12.2020. The details are given below:

<table>
<thead>
<tr>
<th>Date of Sampling</th>
<th>Sample collected from</th>
<th>Parameter</th>
<th>Result obtained</th>
<th>Permissible Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.12.2020</td>
<td>Stack attached to Cooler Discharge-3</td>
<td>PM</td>
<td>106.24 mg/Nm$^3$</td>
<td>100 mg/Nm$^3$</td>
</tr>
<tr>
<td>23.12.2020</td>
<td>Stack attached to Cooler Discharge-4</td>
<td>PM</td>
<td>57.67 mg/Nm$^3$</td>
<td>50 mg/Nm$^3$</td>
</tr>
</tbody>
</table>

- Mounted water sprinkler were installed in strategic location for fugitive dust suppression but it was found to be insufficient.
- Coal/iron ore was found to be stored under covered shed, but few heaps of coal /iron ore were observed to be stored in open area.
- Green belt development along the periphery of the factory is going on.

Consent to Operate of the unit was valid up to 31.08.2021.

AND WHEREAS, the industry was called for a hearing on 16.09.2021 at the Head office of the Board for the above mentioned non-compliance of environmental norms. The representatives on behalf of the industry appeared in the hearing and submitted that during inspection on 10.03.2021 high stack emission was occurred due to sudden power interruption. They also submitted that they have cleaned and replaced all the damaged bags of bag filters for Cooler Discharge and planned to install more numbers of water sprinklers for dust suppression. They mentioned that coal and iron ore are being stored inside the plant premises under covered godown.
NOW THEREFORE, considering the above, M/s. Rashmi Ispat Ltd. located at Vill. & P.O. – Gajasimul, P.S. & Dist. – Jhargram, Pin. – 721513 is hereby directed as follows:

1. **That**, the industry shall always operate its pollution abatement systems efficiently during its manufacturing operation so as to comply with the particulate emission standard.

2. **That**, the industry shall take a shut down of its manufacturing activity whenever the pollution abatement system fails to function due to whatever reason and the same should be intimated to the Board.

3. **That**, the industry shall always keep raw materials both iron and coal under the covered shed.

4. **That**, the industry shall install sufficient water sprinklers and the same will be properly maintained and operated so as to minimize fugitive dust emission.

5. **That**, the industry shall take necessary steps for more plantation of trees along the periphery of the plant.

6. **That**, the industry shall submit an EC(Environmental Compensation) of Rs. 5,00,000/-(Rupees five lakh) only within ten (10) days from the date of issuance of this direction, by Demand Draft in favour of WEST BENGAL POLLUTION CONTROL BOARD payable at Kolkata for non-compliance of environmental norms.

7. **That**, the industry shall execute a Bank Guarantee (BG) (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 (Union Bank of India IFSC Code UBIN0906638) as an assurance to comply with the above direction as well as environmental norms.

The Asst. Environmental Engineer & In-charge, Haldia Regional Office of the Board is requested to keep a strict vigil on the industry. If the industry is again found to be non-complying with the Board’s direction, the Board will take strict regulatory action against the unit including closure with disconnection of electricity, forfeiture of BG etc. without further reference.

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**