WHEREAS, M/s. Bisco Metal & Power Ltd. (hereinafter referred to as the industry) located at Vill. Berma, P.O. – Rangadh, P.S. - Balarampur, Dist.- Purulia is engaged in manufacturing of Sponge Iron., having DRI Kilns 2X50TPD attached with separate ESP and common stack of approx. height 35m. Cooler Discharge, Product House & Raw material handling section are attached with individual bag filter and separate chimney of height 30m each. Operation of Mini Blast Furnace was closed down for a long period.

AND WHEREAS, Sri Sitaram Hansda of village-Bhalubasa, P.O.-Biramdih, P.S.- Balarampur, Dist.- Purulia and 91 others submitted a mass petition to the D.M., Purulia and the D.M., Purulia forwarded this complaint letter to the WBPCB, Head Office. Asansol RO, WBPCB was directed vide letter dated 28/01/2019 to inspect the industry and submit report at the earliest to the Head Office, WBPCB.

AND WHEREAS, the industry was inspected by the Asansol Regional Office of the State Board on 06/02/2019. During inspection only one DRI Kiln was found in operation. However during inspection emission was observed from both the ABC cap and common stack of 02 nos. DRI Kilns. Fugitive emission was observed from the different section. Refuse in high quantity & raw materials were found kept under open sky without any cover. However during inspection it was observed that huge quantity of dust was deposited on the road and different area inside the unit premises. Housekeeping was found poor. Heavy vehicle movement road of the unit was found not concreted or metalized. Water sprinkler arrangement was not adequate. Show cause noticed issued by the State Board dated 07/02/2019. The industry submitted a reply to the show cause letter to Asansol RO dated 15/02/2019.

AND WHEREAS, on earlier occasion emission from ABC cap of 02nos. DRI Kilns and its common stack were also noticed during 4-00 p.m. to 5-00 p.m. on 21/01/2019 and direction was issued by the State Board dated 24/01/2019 for submission of action taken report to the office.

AND WHEREAS, the industry failed to comply with the emission standard on 21/12/2017 and 20/09/2018 respectively during stack monitoring conducted by Asansol Regional office. Subsequently show cause notice was issued to the industry. The results are given below:

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sample collected from</th>
<th>Parameter</th>
<th>Results obtained</th>
<th>Permissible limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>21/12/2017</td>
<td>Stack connected to Cooler Discharge</td>
<td>PM</td>
<td>196.12 mg/Nm$^3$</td>
<td>100 mg/Nm$^3$</td>
</tr>
<tr>
<td></td>
<td>Stack connected to Product House</td>
<td></td>
<td>130.00 mg/Nm$^3$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stack connected to Rotary Kiln 1 &amp; 2</td>
<td></td>
<td>397.13 mg/Nm$^3$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fugitive emission near Cooler Discharge</td>
<td>RSPM</td>
<td>4698.62 µg/m$^3$</td>
<td>2000 µg/m$^3$</td>
</tr>
<tr>
<td>20/09/2018</td>
<td>Stack connected to Rotary Kiln 1 &amp; 2</td>
<td>PM</td>
<td>348.55 mg/Nm$^3$</td>
<td>100 mg/Nm$^3$</td>
</tr>
</tbody>
</table>
AND WHEREAS, the “Consent to Operate” of the industry was valid upto 31/03/2019. The industry has applied for renewal of Consent to Operate in February 2019. As available in the office record the industry has not possess the Authorization for Hazardous waste.

AND WHEREAS, the industry was called for a hearing on 15/03/2019 for non-compliance of environmental norms as observed during successive inspections by the State Board Official.

AND WHEREAS, the Director of the industry appeared in the hearing and agreed with the above mentioned observations. He submitted that electrodes of the ESP have been changed and presently the emission control system attached to the kilns is functioning properly. He also submitted that they are planning to plant 1000 no. of saplings in the plant area in the ensuing rainy season. He mentioned that they would take necessary steps for WBPCB connectivity with server for online stack emission data transmission at the earliest.

NOW THEREFORE, considering the submission of the industry, Bisco Metal & Power Ltd. located at Vill.-Berma, P.O. –Rangadih, P.S. - Balarampur, Dist.- Purulia is hereby directed as follows:-

1. The industry shall always operate with proper functioning of pollution control systems for compliance with the environmental norms for all unit operations in the plant.
2. 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. The industry shall always operate sufficient water sprinklers and dry fog system for dust suppression and to control fugitive emission within the factory premises.
4. The industry shall immediately clean all dusts deposited on the internal roads and other areas of the plant.
5. The industry shall always store raw materials under shed.
6. The industry shall concretize all the internal roads in the plant as early as possible.
7. The industry shall develop green buffer zone along the inside periphery of the factory premises.
8. The industry shall comply with all the directives issued by the Board vide Memo No. 1044-4A/WPB/CE-II/GEN/2008 dated 01/06/2012.
9. The industry shall obtain fire license from the appropriate authority.
10. The industry shall arrange for WBPCB connectivity with server for online stack emission data transmission at the earliest.

The industry shall submit a Bank Guarantee (proforma enclosed) of Rs. 3,00,000/- (Rupees three 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 environmental norms in future.

The Senior Environmental Engineer, Asansol Regional Office of the Board may be requested to keep a strict vigil on the industry. If the industry is again found to be non-complying, 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 Section 33A of Water (Prevention & Control of Pollution) Act, 1974 and Section 31A of Air (Prevention & Control of Pollution) Act, 1981 and rules made thereunder after being approved by the Competent Authority.

By Order,

Sd/-
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board