WHEREAS, M/s. Divya Jyoti Sponge Iron Pvt. Ltd. (hereinafter referred to as the industry) located at Nandanpur, P.O. Ranipur, P.S. Mejia, Dist. Bankura, Pin – 722133 is a sponge iron and M.S. Ingot manufacturing industry having 2X100 TPD coal fired DRI Kilns, 1X24 Ton capacity Induction Furnace, 1X30 Ton capacity Ladle refining furnace (LRF). Both the Rotary Kilns are provided with 2 field ESP as air pollution control device (APCD) and connected to a common stack of height 30m from G.L. The Induction Furnace and LRF are attached to bag filter as APCD and connected to separate stack of height 30m 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 15/08/2017. Although both the Rotary Kilns were found in operation during inspection, but none of the ESP, ID Fans were operational. Very high emission was noticed from top caps of ABC of both the kilns. Huge fugitive emission was also noticed at different locations inside the plant. Internal housekeeping was found to be extremely poor. No water sprinkler system was functional during inspection and internal roads were found to be damaged at number of locations near sponge iron division. Disposal of solid waste was observed at different locations inside the plant.

AND WHEREAS, the industry was earlier inspected on 09/03/2017 and fugitive emission monitoring was carried out. The analysis report shows non-compliance which is tabulated below:-

<table>
<thead>
<tr>
<th>Date of Sampling</th>
<th>Sampling point</th>
<th>Parameters</th>
<th>Result obtained (µg/Nm³)</th>
<th>Permissible limit (µg/Nm³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/03/2017</td>
<td>Near Cooler Discharge</td>
<td>TSPM</td>
<td>9015.57</td>
<td>2000</td>
</tr>
<tr>
<td></td>
<td>Near I-Bin</td>
<td></td>
<td>3784.01</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, a show cause notice was issued to the industry by EE, DRO on 31/03/2017 for above mentioned failure to meet gaseous emission standard. The industry replied to the said notice on 24/04/2017.

AND WHEREAS, Consent to Operate of the industry is valid upto 30/11/2017 and the same is granted for operation of only 1 no. Rotary Kiln. But during inspection it was observed that the industry was operating both the Rotary Kilns simultaneously violating the conditions as laid down in the Consent to Operate.

AND WHEREAS, the industry was called for a hearing by the Board on 14/09/2017 for non-compliance of environmental norms as observed during inspection by the Board officials.

AND WHEREAS, the Director of the industry appeared in the hearing and agreed to the above mentioned observations. He submitted that the ESP had been facing problem due to frequent load restrictions by Power Utility Co. and I.D. Fan area was inundated due to heavy down pour and thus, had to turn off temporarily. However, after clearing the area of water logging and cleaning the mud, the same was restarted and ESP was taken in line. He mentioned that presently ESP for the kilns is properly functioning. He also stated that presently they are operating 1 no. rotary kiln and the other is under shut down.
AND WHEREAS, the explanation of the industry for non-functioning of the ESP was not satisfactory, as they could have opted for putting the plant in hold mode if the ESP was not functioning. The members of the Technical Committee had expressed great concern to the reluctant attitude of the industry in complying with the environmental norms.

NOW THEREFORE, considering the aforementioned facts and submission of the industry, M/s. Divya Jyoti Sponge Iron Pvt. Ltd. located at Nandanpur, P.O. Ranipur, P.S. Mejia, Dist. Bankura, Pin – 722133 is hereby directed as follows:-

1. That, the industry is allowed to operate only 1 no. rotary kiln as per the consent condition. Under no circumstance the industry shall operate both the kilns without prior permission from the State Board.

2. That, the industry shall always operate with proper functioning of pollution control system attached to the rotary kiln so as to comply with the environmental norms for both the stack emission as well as fugitive emission.

3. That, the industry shall strictly follow direction issued by the State Board vide memo no. 1044-4A/WPB/CE-II/GEN/2008 dt. 01.06.2012.

4. That, the industry shall take shut down of its manufacturing activity whenever the pollution control systems fail to function properly and the same should be intimated to the Board.

5. That, the industry shall ensure continuous functioning of water sprinklers during its manufacturing operations to minimize fugitive dust pollution.

6. That, the industry shall ensure proper functioning of the online emission monitoring system (OEMS) including regular calibration and continuously send data generated from the OEMS to the CPCB server.

7. That, the industry shall improve the internal housekeeping and road conditions at the earliest.

8. 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 environmental norms as well as Board’s direction.

The Environmental Engineer, Durgapur Regional Office of the Board is requested to keep strict vigil on the industry. If the industry is again found to be non-complying, the State Board will take regulatory action like closure with disconnection of electricity, forfeiture of Bank Guarantee without any further reference.

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