**WHEREAS**, M/s. Shakambhari Ispat & Power Ltd. (hereinafter referred to as the industry) located at Vill. Madandih, P.O. Bartoria, P.S. Neturia, Dist. Purulia, Pin. 723121 is engaged in manufacturing DRI, MS billet, TMT bar and having captive power plant. For this, the industry has a 5 nos DRI kilns (3 x 100 TPD and 2 x 350 TPD), 4 nos. induction furnaces (3 x 25 MT/batch and 1 x 12 MT/batch), Rolling mill section, DG sets.

**AND WHEREAS**, the industry was inspected by the official of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 12.04.2019 and 17.04.2019. Following observations were made during inspection:

<table>
<thead>
<tr>
<th>Observations made during inspection on 12.04.2019</th>
<th>Observations made during inspection on 17.04.2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 x 100 TPD DRI kilns</td>
<td>3 x 100 TPD DRI kilns</td>
</tr>
<tr>
<td>• High stack emission from the AFBC boiler of CPP.</td>
<td>• High fugitive emission from different sections.</td>
</tr>
<tr>
<td>• High fugitive emission from the material transfer area (rotary kiln to cooler discharge)</td>
<td>• AFBC boiler was under shut down condition for maintenance.</td>
</tr>
<tr>
<td>2 x 350 TPD DRI kilns</td>
<td>2 x 350 TPD DRI kilns</td>
</tr>
<tr>
<td>• ABC cap of both the kilns were open.</td>
<td>• High emission from the common stack attached to the DRI kilns.</td>
</tr>
<tr>
<td>• High emission from both the caps.</td>
<td>• Not all the field of ESP of 1 no. DRI was in operation. 2 no. out of 3 no. ESP field for another DRI was in operation.</td>
</tr>
<tr>
<td></td>
<td>• DRI kilns have been started without complete installation of its Air Pollution Control devices.</td>
</tr>
</tbody>
</table>

• Water sprinklers (for 100 TPD rotary kiln section) was not in operation.
• Water sprinklers (for 350 TPD rotary kiln section) were not yet installed.
• Conveyor belts not yet covered.
• OECMS for 2 x 350 TPD DRI kilns was not installed.
• Dry fog system for de-dusting units was not installed.
• Inadequate tree plantation.
• Rain water harvesting system has not been developed.
• Yet to comply with the 16 point directives.

**AND WHEREAS**, previously, on 24.08.2018, the State Board had issued Direction against the unit with imposition of a BG amounting to Rs. 10 lakhs for environmental non-compliance vide memo no. 217-WPBA/Red (Prl)/Cont (81)/2002 (Part- II). The said BG is valid upto 30.09.2019.

**AND WHEREAS**, the Consent to Operate of the industry is valid upto 31.07.2023.
AND WHEREAS, the industry was called for a hearing on 07/06/2019 for non-compliance of environmental norms as observed during inspection by the Board official.

AND WHEREAS, the Executive Director of the industry appeared in the hearing and agreed with the above mentioned observations. He submitted that air pollution control systems attached to the DRI kilns are functioning properly. He also submitted that construction of raw material storage shed will be completed by July 2019. He mentioned that they shall make arrangement for planting a minimum number of 5,000 seedlings in and around the plant premises within this monsoon and major roads within the plant has been concretized.

NOW THEREFORE, considering the above, M/s. Shakambhari Ispat & Power Ltd. located at Vill. Madandih, P.O. Bartoria, P.S. Neturia, Dist. Purulia, Pin. 723121 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 install dry fog system for de-dusting units and install covers over the conveyor belts.

4. **That**, the industry shall install water sprinklers for 2X350 TPD DRI Kiln section and maintain and operate the same and ensure sufficient water supply so as to minimize fugitive dust emission.

5. **That**, the industry shall immediately remove accumulated coal char from open space and the same to be stored under an adequately designed shed.

6. **That**, the industry shall undertake large-scale tree plantation programme within this rainy season (33% of the total project land area) for development of the greeneries in and around the factory premises.

7. **That**, the industry shall install continuous online monitoring system for gaseous emission for 2X350 TPD DRI Kilns at the earliest.

8. **That**, the industry shall improve the internal housekeeping and concretize all the internal roads immediately.

9. **That**, the industry shall develop rain water harvesting system as early as possible.

10. **That**, 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.

11. **That**, the existing Bank Guarantee of **Rs. 10,00,000/-** which was earlier imposed upon the industry vide order dated 24/08/2018 stands forfeited for violation of Board’s direction as well as environmental norms.

12. **That**, the industry shall execute a fresh **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 Senior Environmental Engineer, Asansol Regional Office of the Board is requested to keep a strict vigil on the unit. 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