WEST BENGAL POLLUTION CONTROL BOARD
( Department of Environment, Govt. of West Bengal )
Paribesh Bhawan, Bldg. No. 10A, LA Block,
Sector-III, Bidhannagar, Kolkata-700 098
Tel: 2335-9088, 2335-7428, 2335-8211, 2335-8073, 2335-6731
Fax: (0091) (033) 2335-2813

Memo No. 566-30/WPB-R(325)/06               Date: 21/07/2016

DIRECTION

WHEREAS, M/s. DRK Metallurgical Pvt. Ltd. (hereinafter referred to as the industry) located at Falta SEZ, Sector-II, P.O.- Bishira, P.S.- Ramnagar, Dist.- South 24 Parganas, Pin-743504 is engaged in production of various ferro alloys viz. ferro-tungsten, ferro-vanadium, ferro-molybdenum, ferro-nickel etc.

AND WHEREAS, inspection of the industry was carried out by the official of West Bengal Pollution Control Board (hereinafter referred to as the Board) on 31/03/2016. The industry has 4 nos. Roasting furnaces, 1 no. F.O. fired Reverberatory furnace (FO fired) & 1 no. F.O. fired Calcination furnace and 1 no. refractory lined pit. The Roasting furnaces are equipped with two sets of air pollution control device (APCD) comprising of gravity settler, multi-cyclone and venturi scrubber followed by a common stack of height 33m from G.L. To each set of APCD, one pair of roasters is connected. Emission from the Reverberatory furnace, Calcination furnace and the refractory-lined pit (used to carry out pyro-metallurgical process) are vented out through the above APCD bypassing the gravity settler.

AND WHEREAS, during inspection on 05/10/2015 & 31/03/2016 stack sampling was carried out and the industry consecutively failed to meet the PM emission standard when only Roasting furnaces were being operated.

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Stack connected to</th>
<th>Parameter</th>
<th>Value Observed (mg/Nm³)</th>
<th>Permissible Limit (mg/Nm³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/03/2016</td>
<td>Roasting furnaces (2 nos. in operation)</td>
<td>PM</td>
<td>254.19</td>
<td>150</td>
</tr>
<tr>
<td>05/10/2015</td>
<td></td>
<td>PM</td>
<td>192.24</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, the Consent to Operate of the industry is valid upto 30/06/2016 (fees valid upto 30/06/2017) and the Hazardous Waste Authorisation expired on 31/07/2014.

AND WHEREAS, the industry was called for a hearing on 16/06/2016 at the Head office of the Board for non-compliance of environmental norms as mentioned above.

AND WHEREAS, the representative of the industry appearing in the hearing agreed with the above mentioned observations of the Board. He submitted that the cyclone separator was not working properly and hence the above mentioned failure in complying with the PM emission standard occurred. He informed that they have placed order for new set of cyclone separator which is expected to be installed within three months.
NOW, THEREFORE, considering the submission of the industry, M/s. DRK Metallurgical Pvt. Ltd. located at Falta SEZ, Sector-II, P.O.- Bishira, P.S.- Ramnagar, Dist.- South 24 Parganas, Pin-743504 is hereby directed as follows:

i. **That**, the industry shall revamp the existing APC system positively by 30th September, 2016 to bring down the PM emission level within permissible limit.

ii. **That**, the industry shall immediately apply for renewal of Hazardous Waste Authorisation.

iii. **That**, the industry shall execute a **Bank Guarantee** of **Rs. 1,00,000/-** (Rupees One Lakh only), valid for twelve [12] months in favour of the **WEST BENGAL POLLUTION CONTROL BOARD** as an assurance to comply with the above Direction.

The Environmental Engineer, Alipore Regional Office of the State Board is requested to inspect the industry after September, 2016 to verify the compliance status of Board’s direction. In case of failure to comply with the Board’s direction, the Board will issue strict regulatory action.

This direction is issued in exercise of the powers conferred under provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 and 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