DIRECTION

WHEREAS, M/s. Murshed Galvanizing Works (hereinafter referred to as the industry) located at 43, Ashu Bose Lane, P.O. & P.S.- Howrah, Howrah – 711101 is a galvanizing industry engaged in manufacturing of galvanized M.S. pipe and rod. The industry has 2 nos. hard coke fired galvanizing furnace, 2 nos. hard coke fired drier and acid pickling bath. All the galvanizing furnaces and driers are connected to separate suction hood followed by common water scrubber, I.D. Fan and a stack of height 16m from G.L. Acid pickling bath is not provided with any air pollution control device (APCD).

AND WHEREAS, the industry was inspected by the official of the West Bengal Pollution Control Board (hereinafter referred to as the Board) on 16/04/2019. During inspection the unit was not in operation. The industry has an effluent treatment plant (ETP) consisting of collection pit followed by dosing cum settling tank (lime & alum), sand filter and sludge drying bed. The ETP is operated in batch process. Sludge drying bed was found in dilapidated condition. The industry has provision to discharge dichromate solution directly to the municipal drain. No storage facility for ETP sludge was noticed, zinc dross was found to be kept in office room above concrete floor.

AND WHEREAS, during inspection liquid effluent sample was collected from the ETP outlet and the industry failed to meet the effluent discharge standard. The results are shown below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Parameter</th>
<th>Results obtained (mg/l except pH)</th>
<th>Permissible limit (mg/l except pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/04/2019</td>
<td>ETP outlet</td>
<td>pH</td>
<td>4.84</td>
<td>5.5-9.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BOD</td>
<td>43.82</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSS</td>
<td>128</td>
<td>100</td>
</tr>
</tbody>
</table>

AND WHEREAS, the Consent to Operate of the industry is valid upto 31/10/2021. The industry has not obtained hazardous waste authorization from the Board.

AND WHEREAS, previously, the industry was directed vide Memo No. 223-PCB/How/181-2001 dated 30/08/2018 to complete the rectification/modification work of the effluent treatment plant and to install air pollution control system for the pickling baths within 31st October, 2018 with imposition of a Bank Guarantee of Rs. 25,000/-. The industry submitted the BG which is valid upto 04/01/2020.

NOW THEREFORE, considering the repetitive violation of environmental norms, M/s. Murshed Galvanizing Works located at 43, Ashu Bose Lane, P.O. & P.S.- Howrah, Howrah – 711101 is hereby directed as follows:-

1. **That**, the industry shall always operate with proper functioning of pollution control systems for compliance with the environmental norms.
2. **That**, the industry shall install air pollution control system for the pickling baths at the earliest.
3. **That**, the industry shall discharge dichromate solution after treatment through effluent treatment plant.

Contd....p/2
4. **That**, the industry shall store hazardous waste as per the provisions of the Hazardous & Other Wastes (Management & Trans Boundary Movement) Rules, 2016.

5. **That**, the industry shall immediately obtain Hazardous Waste Authorisation from the Board.

6. **That**, the Bank Guarantee of **Rs. 25,000/-** (Rupees Twenty five thousand) only which is lying with the Board hereby stands forfeited for the repetitive violation of environmental norms.

7. **That**, the industry shall submit an Environmental Compensation (EC) of **Rs. 1,00,000/-** (Rupees One lakh) only, by Demand Draft in favour of **WEST BENGAL POLLUTION CONTROL BOARD** payable at Kolkata for non-compliance of environmental norms.

8. **That**, the industry shall execute a fresh Bank Guarantee (proforma enclosed) of **Rs. 2,00,000/-** (Rupees Two 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 Environmental Engineer, Howrah Regional Office of the Board will keep a strict vigil on the industry. If the industry is again found to be operating in violation of environmental norms, the Board will issue 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

Memo No. 401(8) -PCB/How/181-2001  Date: 10 /12/2019

Copy forwarded for information and necessary action to:

2. P.A. to the Chairman, WBPCB
3. T.A. to the Member Secretary, WBPCB
4. The Chief Engineer, Planning & W.M. Cell, WBPCB
5. The Senior Law Officer, WBPCB
6. The Environmental Engineer, Howrah Regional Office, WBPCB - She is requested to submit a status of compliance of the above mentioned direction by the industry at least 3 months before the expiry of the BG.
7. The Finance & Accounts Manager (F), WBPCB
8. Technical Cell, WBPCB for updating the website
9. The Environment Officer- Communication, WBPCB – for circulation through float file
10. Guard file of O & E Cell

Chief Engineer
Operation and Execution Cell
West Bengal Pollution Control Board