WHEREAS, M/s. Murshed Galvanizing Works located at 43, Ashu Bose Lane, P.O. & P.S.-Howrah, Howrah – 711101 (hereinafter referred to as the industry) is a galvanizing industry engaged in manufacturing of galvanized M.S. pipe and rod. The industry was called for a hearing on 26.07.2018 for non-compliance of environmental norms as observed during inspection by the officials of the West Bengal Pollution Control Board (hereinafter is referred to as the Board).

AND WHEREAS, the industry was inspected on 12.04.2018 by the Board official. During inspection the unit was found in operation. The unit 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). During inspection 1 no. galvanizing furnace and drier were found in operation. Considerable smoke and fumes were noticed in working zone including acid pickling area. The industry has an effluent treatment plant (ETP) consisting of collection pit followed by dozing cum settling tank (lime & alum), sand filter and sludge drying bed. The ETP is operated in batch process. During inspection the ETP was running. Sludge drying bed was found in dilapidated condition. The unit 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.

AND WHERAS, during inspection on 12/04/2018 effluent sampling was carried out and the analysis report shows non-compliance. The unit also failed earlier to meet the effluent discharge standard during sampling on 17/01/2017 and 07/09/2017. The results are tabulated below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Parameter</th>
<th>Results obtained (mg/l)</th>
<th>Permissible limit (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17/01/2017</td>
<td>Final outlet of the ETP</td>
<td>Iron</td>
<td>428.05</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSS</td>
<td>136</td>
<td>100</td>
</tr>
<tr>
<td>07/09/2017</td>
<td></td>
<td>Iron</td>
<td>5.21</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSS</td>
<td>710.0</td>
<td>100</td>
</tr>
<tr>
<td>12/04/2018</td>
<td></td>
<td>Iron</td>
<td>379.78</td>
<td>3.0</td>
</tr>
</tbody>
</table>

AND WHERAS, the industry possess Consent to Operate valid upto 31/10/2021 but does not possess hazardous waste authorization.

AND WHERAS, representatives of the industry appeared in the hearing and submitted that they have already initiated upgradation work of the effluent treatment plant and would take necessary measures for arresting acid fumes generated from the acid pickling baths, arrange for proper storage of hazardous waste. They have applied online for hazardous waste authorization.
NOW THEREFORE, considering the above and submission of the industry, M/s. Murshed Galvanizing Works located at 43, Ashu Bose Lane, P.O. & P.S. Howrah, Howrah – 711101 is hereby directed as follows:

1. The industry shall complete the rectification/modification work of the effluent treatment plant within 31st October, 2018 and submit compliance report to the Board accordingly.

2. The industry shall install air pollution control system for the pickling baths within 31st October, 2018.

3. The industry should arrange for proper interim storage facility of hazardous waste within the unit premises and dispose of the same as per the provisions of the Hazardous & Other Wastes (Management & Trans Boundary Movement) Rules, 2016.

4. The industry shall execute a Bank Guarantee (proforma enclosed) of Rs. 25,000/- (Rupees Twenty five thousand) 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 for ensuring proper functioning of the APCDs and for ensuring compliance Board’s directions as well as compliance of the environmental norms in future.

The Environmental Engineer, Howrah Regional Office of the Board is requested inspect the industry October 2018 to verify the compliance status. 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 Water (Prevention & Control of Pollution) Act, 1974 and the Environment (Protection) Act, 1986 and Rules made thereunder, after being approved by the competent authority.

This order has the approval of the Competent Authority.

By Order,

Sd/-

Senior Environmental Engineer
Operation & Execution Cell
West Bengal Pollution Control Board