WHEREAS, M/s. A. B. Mauri India Pvt. Ltd. (hereinafter referred to as the industry) located at Chandmari More, P.O.- Gayeshpur, Kalyani, Dist. Nadia, Pin-741 234 is engaged in production of Baker’s yeast (production capacity 4320 TPA) using molasses. The industry has an effluent treatment plant comprising of equalization tank, neutralization tank, chemical dosing tank, anaerobic digester, two stage aeration tanks with clarifiers, activated carbon filters and RO plant. The industry has installed online effluent monitoring system. The industry has one F.O. and bio gas fired boiler of 800 kg/hr and one diesel fired boiler of 600 kg/hr. Both the boilers are provided with cyclone separator and wet scrubber and connected to a common stack of height 30m. from G.L.

AND WHEREAS, the industry is a SPI unit and is monitored by the West Bengal Pollution Control Board (hereinafter referred to as the Board) monthly. Effluent samples collected from the outlet of the factory during inspection on 02/02/2016, 06/05/2016 & 14/06/2016 and the industry failed to meet the effluent discharge standard. The results are tabulated below:

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sampling point</th>
<th>Parameters</th>
<th>Results obtained (mg/l)</th>
<th>Permissible limit (mg/l)</th>
</tr>
</thead>
<tbody>
<tr>
<td>02/02/2016</td>
<td>Factory outlet</td>
<td>BOD</td>
<td>80.83</td>
<td>30</td>
</tr>
<tr>
<td>06/05/2016</td>
<td>Factory outlet</td>
<td>BOD</td>
<td>37.50</td>
<td></td>
</tr>
<tr>
<td>14/06/2016</td>
<td>Factory outlet</td>
<td>Ammonium Nitrogen</td>
<td>68.60</td>
<td>50</td>
</tr>
</tbody>
</table>

AND WHEREAS, the industry is in the process of installing a drum drier, multiple effect evaporator (MEE), RO plant, cooling tower and a F.O. cum bio-gas fired boiler of 2.8 tph in order to comply with the direction of CPCB for achieving zero liquid discharge (ZLD). The industry has applied online for Consent to Establish for the same.

AND WHEREAS, the Consent to Operate of the industry is valid upto 31/12/2018. The Hazardous Waste Authorisation was valid upto 31/12/2015, the industry has applied for extension of the validity period of authorisation.

AND WHEREAS, a hearing was conducted at the Head Office of the Board on 10/08/2016 for the non-compliance of environmental norms as observed during inspection by the Board officials.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that replacement of membrane in the existing RO plant would be completed within September 2016 to improve the treated effluent quality. They also submitted that they have already initiated steps to achieve zero liquid discharge as per direction of CPCB and the system is expected to be in place by 30th September 2016. They also stated that the biological treatment system of the existing ETP would be revamped after completing the commissioning work of ZLD system. As submitted by the industry, after installation of the 2.8 tph boiler which will meet the requirement of steam in the ZLD system and manufacturing process both, existing 800 kg/hr. F.O. & bio gas fired boiler will be kept as standby and the 600 kg/hr. diesel fired boiler will be removed.
NOW THEREFORE, considering the facts as recorded above, M/s. A. B. Mauri India Pvt. Ltd. located at Chandmari More, P.O.- Gayeshpur, Kalyani, Dist. Nadia, Pin-741 234 is hereby directed as follows:

1. **That** the industry must complete the installation work of zero liquid discharge system within September 2016.

2. **That** the industry shall revamp the existing effluent treatment facility after completion of installation work of ZLD system.

3. **That** the industry shall submit detail record of bio-gas generation and its utilization within fifteen days.

4. **That** the industry shall not enhance production capacity without obtaining prior permission of the Board.

5. **That** the industry shall remove the 600 kg/hr. diesel fired boiler and keep the 800 kg/hr. F.O. & bio gas fired boiler as stand by after installation of the new F.O. & bio gas fired 2.8 Ton/hr. capacity boiler. Under any circumstances two boilers shall not be operated simultaneously.

6. **That** the industry shall submit a Bank Guarantee (proforma enclosed) of Rs. 3,00,000/- (Rupees three Lakh) only, valid for twelve [12] months within fifteen [15] days from the date of issuance of this order in favour of the WEST BENGAL POLLUTION CONTROL BOARD as an assurance to comply with the above Direction.

The Environmental Engineer, Barrackpore Regional Office of the Board is requested to keep strict vigil over the industry. If the industry is again found to be non-complying, the Board may take stricter regulatory action against the industry.

This direction is issued in exercise of the powers conferred under the provision of Section 33A of Water (Prevention & Control of Pollution) Act, 1974, Section 31A of Air (Prevention & Control of Pollution) Act 1981 and the Environment (Protection) Act, 1986.

This order has the approval of the Competent Authority.

By Order,

Sd/-
Chief Engineer
Operation & Execution Cell
West Bengal Pollution Control Board