WHEREAS, M/s. United Breweries Ltd. (hereinafter referred to as the industry) located at Plot No. 18, Vittal Mallya Road, Block-D, P.O. & P.S.- Kalyani, Dist.- Nadia, Pin – 741 235 is a brewery unit engaged in production of beer (production capacity 10,00,000 DOZ/Month). The industry has 1X10 Ton/hr. & 1X6 Ton/hr. capacity husk fired boiler. The boilers are provided with bag filter as air pollution control device (APCD) and connected to a stack of height 30m from G.L. The industry has an effluent treatment plant (ETP) consisting of equalization tank, primary clarifier, upflow anaerobic sludge blanket reactor activated sludge plant, secondary clarifier-1, secondary clarifier-2, sludge holding tank, sludge dewatering machine.

AND WHEREAS, the industry was inspected on 12/02/2015 by the official of West Bengal Pollution Control Board (hereinafter referred to as Board). During inspection the ETP and the 10 Ton/hr. husk fired boiler with its APCD were in operation. Stack sampling was carried out during inspection and PM value obtained is 285.51 mg/Nm$^3$ against the permissible limit of 150 mg/Nm$^3$.

AND WHEREAS, earlier the industry also failed to meet the PM emission standard during stack sampling on 19/06/2014 (PM-4009.24 mg/Nm$^3$). The industry submitted a letter on 09/07/2014 mentioning that some bags of the bag filter got damaged and top sheet of bag hopper got eroded resulting passing of smoke through the bags with higher particles and requested to grant one month time to complete the repairing job.

AND WHEREAS, the industry has failed to comply with the effluent discharge standards for the effluent sample collected on 10.03.2015. The non-compliance is shown below:

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Parameters</th>
<th>Results obtained</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.03.2015</td>
<td>TSS</td>
<td>128.00 mg/l</td>
<td>100 mg/l</td>
</tr>
<tr>
<td></td>
<td>BOD</td>
<td>327.00 mg/l</td>
<td>30 mg/l</td>
</tr>
<tr>
<td></td>
<td>COD</td>
<td>676.20 mg/l</td>
<td>250 mg/l</td>
</tr>
</tbody>
</table>

AND WHEREAS, the Consent to Operate of the industry is valid upto 31/12/2015.

AND WHEREAS, the industry was called for a hearing at the head office of the Board on 25/03/2015 for the above mentioned non-compliances.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They submitted that presently they are utilizing biogas along with husk as fuel for the boiler. They also mentioned that they would take necessary corrective measures such as thorough checking of bags of the bag filter and fine tuning of bio-gas & husk proportion in order to meet the PM emission standard in future and requested to allow two months time. They submitted that the industry was under annual shutdown and restarted their production in February 2015. They are closely monitoring inlet organic load and optimizing stage wise efficiency of the ETP to ensure compliance of effluent discharge standard.
NOW, THEREFORE, considering the failure towards emission as well as liquid effluent discharge standard, M/s. United Breweries Ltd. located at Plot No. 18, Vittal Mallya Road, Block-D, P.O. & P.S.- Kalyani, Dist.- Nadia, Pin – 741 235 is hereby directed as follows:

1. That, the industry shall undertake necessary modification/upgradation work for the air pollution control device within 31st May, 2015 so as to meet the PM emission standard in future.

2. That, the industry shall take necessary steps to improve the effluent quality and comply with the permissible standard within 30th April, 2015.

3. That, the industry shall always operate with efficient functioning of the pollution control systems.

4. That, the industry shall execute a 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 as an assurance to comply with the above direction.

The Environmental Engineer, Barrackpore Regional Office of the Board will keep a strict vigil on 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, 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