WHEREAS, M/s. West Bengal Chemical Industries Ltd. (hereinafter referred to as the industry), located at 145/1, Jessore Road, P.S.- Lake Town, Kolkata – 700 089 is engaged in the manufacturing of bulk drug.

AND WHEREAS, the industry was inspected by the officials of the WEST BENGAL POLLUTION CONTROL BOARD (hereinafter referred to as the Board) on 09/12/2013. The industry has a HSD fired boiler which is provided with stack (16m height), porthole, platform etc. and a F.O. fired hot air generator (spray drier) which is connected to a stack of height 13m from G.L. During inspection spray drier and boiler was found in operation. Stack monitoring of the boiler and hot air generator was conducted during inspection. The industry complied with the PM emission standard in respect of boiler stack, but they failed to meet the PM emission standard for the stack attached to the hot air generator. Earlier the industry also failed to meet the PM emission standard during stack sampling for the stack of hot air generator on 22/10/2013. The results are tabulated below:-

<table>
<thead>
<tr>
<th>Date of sampling</th>
<th>Sample collected from</th>
<th>Results obtained (mg/Nm$^3$)</th>
<th>Permissible limit (mg/Nm$^3$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09/12/2013</td>
<td>Hot air generator</td>
<td>158.55</td>
<td>150</td>
</tr>
<tr>
<td>22/10/2013</td>
<td></td>
<td>199.11</td>
<td></td>
</tr>
</tbody>
</table>

AND WHEREAS, the industry has an effluent treatment plant (ETP) comprising of equalization tank, neutralization tank, flocculation tank (alum dosing) and settling chamber and final outlet leading to the municipal drain. The ETP operates in batch process. During inspection the ETP was in operation. The effluent from the ETP outlet was observed brownish in colour. The brownish effluent was also observed at the frontal side of the ETP leading to muddy floor seepage. The frontal left and right side drain of the industry is filled up with brownish effluent. Effluent sampling was carried out during inspection on 09/12/2013 and the industry failed to meet the liquid effluent discharge standard (BOD-1612.80 mg/l, COD-2359.62 mg/l, TSS-166.00 mg/l).

AND WHEREAS, earlier the industry was directed by the Board on 20/05/2013 to stop manufacturing activity of Calcium Propionate in the old work shed and shift it to a suitable place within the premises of the industry with imposition of a Bank Guarantee of Rs. 50,000.00. The industry submitted the BG amount. During inspection on 03/09/2013, it was observed that the industry has totally stopped manufacturing activity of Calcium acetate/propionate in the old work shed and shifted the said activity to its main shop floor where 12 nos. reaction vessels are present. Original Calcium acetate/propionate shed is presently used for storage of raw materials.

AND WHEREAS, a meeting was held between the industry and the officials of Salt Lake R.O. on 28/06/2013 where the industry informed the Board that they are in the process of obtaining statutory licences from the concerned departments and after obtaining the same, they will shift the activity from its present location at 145/1, Jessore Road, P.S.- Lake Town, Kolkata – 700 089 to Durgapur.
AND WHEREAS, the Board received a letter dated 28/01/2014 from the Chairperson, South Dum Dum Municipality requesting shifting of production activity of the industry to some other location as the industry is creating environmental pollution in the surrounding locality.

AND WHEREAS, the industry has applied for renewal of ‘Consent to Operate’ on 29/11/2012 with fees cleared up to 30/06/2014.

AND WHEREAS, the industry was called for a hearing on 27/05/2014 at the head office of the board for 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 cleaning of the tunnel of hot air generator is being carried out regularly in order to meet the PM emission standard. They also submitted that they would install activated charcoal filter for removal of colour of the treated effluent. Regarding shifting of the industry from its present location to the site at Durgapur, the representatives of the industry stated that they have applied for Environment Clearance and the State Environmental Appraisal Committee has advised the industry to submit a total EIA report for the project.

NOW, THEREFORE, considering the non-compliance as recorded above, M/s. West Bengal Chemical Industries Ltd. located at 145/1, Jessore Road, P.S.- Lake Town, Kolkata – 700 089 is hereby directed as follows:

1. That, the industry shall install activated charcoal filter for removing colour of the treated effluent within two months.

2. That, the industry shall shift the manufacturing activity from its present location to Durgapur after getting relevant statutory licences.

3. That, the industry shall always operate the plant with efficient functioning of the pollution abatement systems so as to meet the gaseous emission standard as well as the liquid effluent discharge standard in future.

4. That, the industry shall execute a 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 as an assurance to comply with the above directions as mentioned in Sl.no. 1 & 2.

The Environmental Engineer, Salt Lake Regional Office of the State Board is requested to keep strict vigil over the industry and if the industry is found to operate violating Board’s order, stricter regulatory order may be issued.

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