WHEREAS, M/s. Semb Ramky Environmental Management Pvt. Ltd. (hereinafter referred to as the industry) located at ‘F’ Road, Belgachia, P.S.- Liluah, Dist.- Howrah, Pin – 711 105 is engaged in treatment of bio-medical waste generated from member health care units.

AND WHEREAS, the officials of the WEST BENGAL POLLUTION CONTROL BOARD (hereinafter referred to as the Board) inspected the industry on 20/12/2012. During inspection 2 nos. shredder of capacity 140 kg/hr. & 60 kg/hr. and one number autoclave of capacity 430 lit/batch were found in operation. One number shredder of capacity 140 kg/hr. and 1 no. additional autoclave have been installed by the industry without obtaining ‘Consent to Establish’ from the Board.

AND WHEREAS, the old incinerator is no longer being used and is kept as standby. The new incinerator is operated since March 2012. It is provided with quencher, venture scrubber, wet scrubber and moisture remover. But closed door feeding mechanism, activated carbon treatment, automatic weight recording system, graphic or computerized recording devices for continuous monitoring and recording batch sequence number and online monitoring system for gaseous emission of the new incinerator are yet to be installed.

AND WHEREAS, the effluent treatment plant (ETP) of the industry has been upgraded and started its operation since July 2012. Untreated Bio-medical waste (BMW) and incineration ash were found to be kept in open space covered with polythene sheet. Lancing activity in primary chamber of the new incinerator was also observed. The Board permitted the industry to transfer BMW to their Kalyani CBWTF on regular basis, Mangalpur CBWTF in case of emergency and M/s. WBWML, Haldia till the new incinerator is commissioned. But it was found from the records available with the industry, regular transfer of BMW to Mangalpur and Haldia CBWTF has been made.

AND WHEREAS, during inspection air sampling of new incinerator was conducted and the industry failed to meet the PM emission standard (PM-274.44 mg/Nm$^3$ against the permissible limit 150.00 mg/Nm$^3$). Water sampling was also conducted by the Board during inspection and the industry failed to meet the liquid discharge standard in respect of COD (316.93 mg/l) & BOD (134.69 mg/l).

AND WHEREAS, the industry was earlier directed on 08/11/2011 to take corrective measures to ensure compliance of the effluent and air emission standards under a Bank Guarantee of Rs. 5.00 lakhs. The industry submitted the BG amount which is valid up to 30/11/2013.

**DATE:** 08/02/2013
AND WHEREAS last Consent to Operate and Bio-medical Waste Authorisation of the industry expired on 30/11/2012. The industry did not submit application till date for renewal of the same.

AND WHEREAS, the industry was called for a technical hearing on 30.01.2013 at the head office of the Board for the non-compliance as mentioned above.

AND WHEREAS, the representatives of the industry appearing in the hearing agreed with the above mentioned observations of the Board. They informed that the existing air pollution control device (APCD) of the incinerator was unable to meet the PM emission standard as variable types of unsegregated waste including plastics are received by them. They also submitted that they would thoroughly check all the pollution control systems in consultation with their suppliers and undertake rectification job wherever required.

NOW, THEREFORE, considering the above, the Board is hereby pleased to direct, M/s. Semb Ramky Environmental Management Pvt. Ltd located ‘F’ Road, Belgachia, P.S.- Liluah, Dist.- Howrah, Pin – 711 105 as follows:

1. That, the industry shall rectify/upgrade its ETP and APCD to ensure compliance with the liquid effluent discharge standard as well as PM emission standard within a period of three (3) months from hereof. The industry shall comply with the directions issued by the Board from time to time.
2. That, the industry shall depute dedicated manpower to maintain liaison with the concerned Regional offices of the Board so as to get the updated status of health care establishments and to resolve the issues pertaining to waste disposal as and when required.
3. That, the industry shall provide GPS system with all the waste carrying vehicles.
4. That, the existing Bank Guarantee of Rs.5,00,000/- (Rupees Five lakhs) only stands forfeited as pollution cost.

The Environmental Engineer, Howrah Regional Office will keep a strict vigil on the industry and if the industry is found to violate the above direction and environmental norms stricter regulatory order will be issued.

This direction is issued in exercise of the powers conferred under provisions of the Air (Prevention & Control of Pollution) Act, 1981 and the Environment (Protection) Act, 1986 and especially the Bio-Medical Waste (Management & Handling) Rules, 1998 after being approved by the Competent Authority.

By Order,

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