DIRECTION

WHEREAS, M/s. Semb Ramky Environmental Management Pvt. Ltd. (hereinafter referred to as the industry) located at K-26, Phase-III, P.O & P.S.- Kalyani, Dist.- Nadia, Pin – 741 235 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 21/12/2012. During inspection the incinerator and autoclave (capacity 630 lit/batch) were found in operation. Spillage of waste water was observed during inspection. Leakage in the air pollution control system (packed bed alkaline scrubber) was also observed. Bio-medical wastes were found to be kept under open sky covered with polythene sheet. Sharps were found to be burnt in the incinerator.

AND WHEREAS, during the inspection stack monitoring of the incinerator and liquid effluent sampling were carried out and the industry again failed to meet the particulate matter (PM) emission standard as well as the liquid discharge standard. Concentration of PM for the stack attached to incinerator obtained is 783.38 mg/Nm$^3$ against the permissible limit (150 mg/Nm$^3$). The industry failed to meet the liquid discharge standard in respect of TSS (2360 mg/l), COD (849.56 mg/l) & BOD (123.44 mg/l).

AND WHEREAS, the industry was earlier called for a hearing on 24/05/2012 as the industry failed to meet PM emission standard as well as the liquid discharge standard. During hearing the industry submitted that they were planning to install a new effluent treatment plant (ETP) so as to comply with the liquid discharge standards in future. Subsequently the industry was directed by the Board on 26/06/2012 to install a new ETP to comply with liquid discharge standard under a fresh Bank Guarantee of Rs. 1.00 lakh. The Bank Guarantee of Rs. 1.00 lakh submitted by the industry is valid till 07/07/2013. But during recent inspection, it was observed that the new ETP with biological treatment is yet to be installed.

AND WHEREAS, Consent to Operate & Bio-medical Waste Authorisation of the industry are valid up to 31/05/2013.

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. 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 could not meet the PM emission standard as it is not sufficient to cater variable types of waste. They also submitted that they would complete the up-gradation job of the ETP within a period of six months so as to meet the liquid effluent discharge standard and also to enhance the efficiency of the scrubber (APCD) of the incinerator.
NOW, THEREFORE, considering the above, the Board is hereby pleased to direct, M/s. Semb Ramky Environmental Management Pvt. Ltd located K-26, Phase-III, P.O & P.S.- Kalyani, Dist.- Nadia, Pin – 741 235 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.
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. 1,00,000/- (Rupees one lakh) stands forfeited as pollution cost.
5. **That**, the industry shall execute a fresh Bank Guarantee (proforma enclosed) of Rs. 1,00,000/- (Rs One lakh) only valid for twelve[12] months within fifteen [15] days from the date hereof in favour of the WEST BENGAL POLLUTION CONTROL BOARD as an assurance to comply with the above direction.

The Environmental Engineer, Barrackpore 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