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 common bio-medical waste treatment and disposal facility.

AND WHEREAS, the officials of the West Bengal Pollution Control Board (hereinafter referred to as the Board) inspected the industry on 27/12/2013. The industry has installed new effluent treatment plant (ETP) which is operating since September 2013. The said ETP is consisting of bar screen, equalization tank or collection sump, chemical reaction tank, flocculation tank, primary clarifier, Bio-reactor, secondary clarifier, DMF, activated carbon filter, neutralization tank and sludge drying bed. During inspection the ETP was found in operation. The incinerator and autoclave (capacity 630 lit/batch) were also found in operation during inspection. There is no close door feeding system for feeding of bio-medical wastes into the incinerator. It was learnt during inspection that GPS had been installed in most of the BMW collection vehicles.

AND WHEREAS, during inspection stack monitoring of the incinerator was conducted and liquid effluent sampling was also carried out. The industry failed to meet the PM emission standard as well as the liquid discharge standard. Concentration of PM for the stack attached to incinerator obtained is 905.00 mg/Nm$^3$ against the permissible limit 150 mg/Nm$^3$. The industry also failed to meet the liquid discharge standard in respect of TSS (148.00 mg/l) & BOD (73.15 mg/l).

AND WHEREAS, earlier the industry was directed to submit a Bank Guarantee of Rs. 1.00 lakh which is valid up to 31/03/2014.

AND WHEREAS, the ‘Consent to Operate’ & ‘Bio-medical Waste Authorisation’ of the industry expired on 31/05/2013 and they have prayed for extension of the same on 10/05/2013. They have submitted Annual Report for the year 2012 on 14/01/2013.

AND WHEREAS, the industry was called for a technical hearing on 20.02.2014 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 submitted that they would conduct a detailed study of waste characteristics vs. feed rate in order to find out the reason of high PM concentration and taking appropriate measures to meet the PM emission standard and the report will be submitted to the Board within 4-5 months.

NOW, THEREFORE, considering the above, M/s. Semb Ramky Environmental Management Pvt. Ltd. located at K-26, Phase-III, P.O & P.S.- Kalyani, Dist.- Nadia, Pin – 741 235 26 is hereby directed by the Board as follows:

1. That, the industry shall conduct a comprehensive study of waste characteristics vs. feed rate for the incinerator and based on that report necessary modification/ up-gradation of air pollution control device(APCD)shall be done to meet the PM emission standard within 6(six) months from hereof.
2. **That**, the industry shall depute a dedicated technical manpower to operate and maintain the newly installed ETP in order to ensure compliance of liquid effluent discharge standard.

3. **That**, the existing **Bank Guarantee of Rs.1,00,000/-** (Rupees one lakh) stands forfeited.

4. **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