**DIRECTIONS**


4. Inspection of the industry by ZO officials of Visakhapatnam on 09.01.2017.
8. Inspection of the industry by RO officials of Kakinada on 01.08.2017.
9. External Advisory Committee (Task Force) Meeting held on 02.06.2017.

WHEREAS you are operating a Common Bio-Medical Waste Treatment Facility in the name & style of M/s.EVB Technologies Pvt., Ltd., is located at Kanavaram, Pallakadiyam(V), Rajanagaram (M), East Godavari District.

WHEREAS vide reference 1st cited, the Board has issued Consent for Operation & Hazardous Waste Authorization and Bio Medical Waste Authorization to the industry on 02.07.2016 with certain conditions, which is valid period upto 31.01.2021.

WHEREAS vide reference 2nd cited, the Board reviewed the industry before External Advisory Committee (Task Force) meeting held on 16.09.2016 and issued certain directions to the industry on 03.10.2016 for non-compliance of Board directions and consent conditions.

WHEREAS vide reference 3rd cited, the Regional Office, Kakinada has issued a show cause notice to the industry on 08.12.2016 for non-compliance of the CFO conditions and Board’s standards.

WHEREAS vide reference 4th cited, the Zonal Office, Visakhapatnam inspected the industry on 09.01.2017 and observed the followings:

1. It was observed that the facility is receiving mostly the un-segregated bio medical waste in red and yellow colored bags and is being stored in separate partitions as per color coding, however both the red and yellow colored bags containing the un-segregated waste.
2. The un-segregated waste is being fed into the incinerator.
3. Automatic PLC recording system is provided for incinerator, but the display temperatures on the panel and the display temperatures on the PLC are not matching with each other.
4. The temperature of the primary chamber is observed to be 725-796°C and secondary chamber is 652-1049°C.
5. The facility has provided online monitoring system for CO and CO₂ of flue gas emissions from the incinerator. However, the online values are not connected to the Board website.
6. The online CO₂ and CO values recorded during inspection are 4.1% and 95 mg/NM3 (equal to 77PPM which is equal to 0.0077%) respectively. The computed combustion efficiency from the values of CO₂ & CO is 99.81%.
7. The autoclave is in operation during the time of inspection. The temperature and time of operation of the autoclave is recorded in PLC, however the pressure is not being recorded.
8. A flow meter was provided at ETP inlet and the totalizer reading was recorded as 80.27 KL.
9. It was observed that the incineration ash is mixed with waste sharps and glass bottles indicating improper segregation.
10. The facility has not having power supply and is operating only on diesel generator.
11. As per the record it was observed that, the facility is disposing the plastic waste of about 400 to 450 kg/month to M/s. Heritage polymers, Autonagar, Guntur for recycling.
12. The facility has not installed and connected the surveillance cameras.
WHEREAS vide reference 5th cited, the Zonal Office, Visakhapatnam has issued Show Cause notice to the industry on 20.02.2017 for non-compliance of the Board directions, consent order conditions and Bio-medical Waste Management Rules.

WHEREAS vide reference 6th cited, the Board has reviewed the industry before External Advisory Committee meeting held on 30.12.2016 and issued certain directions to the industry on 30.01.2017.

WHEREAS vide reference 7th cited, the Board has reviewed the industry before External Advisory Committee meeting held on 21.04.2017 and issued certain directions to the industry on 18.05.2017:

1. The facility shall immediately obtain power connection from APEPDCL to operate the pollution control equipment continuously.
2. The facility shall operate the Incinerator and Autoclave with optimum operating parameters and rectify the PLC to record the actual readings.
3. The facility shall train and educate the HCFs to segregate the bio medical waste at source and shall accept only the segregated waste. The list of the defaulting HCFs shall be communicated to APPCB for further course of action.
4. The facility shall connect the online stack monitoring equipment to the APPCB/CPCB website within 15 days.
5. The facility shall operate the ETP continuously to meet the Board standards.
6. The facility shall take up necessary measures to rectify the scrubber attached to the incinerator so as to achieve emission standards stipulated by the Board.
7. The facility shall maintain good house-keeping in the industry premises.
8. The facility shall submit Bank Guarantee of Rs. 2Lakhs within 15 days towards compliance of Board directions.
9. The facility shall comply all directions issued by the Board vide order dt.30.01.2017.
10. The facility shall ensure continuous compliance of the conditions issued in the CFO & HWA order.

WHEREAS vide reference 8th cited, the EE, RO, Kakinada has inspected the industry on 01.06.2017 and observed non-compliance of the Board's direction dt.18.05.2017.

WHEREAS vide reference 9th cited, legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 02.06.2017. The representatives of the industry attended the legal hearing. The representatives of the industry attended the legal hearing. The committee noted that the facility is receiving un-segregated bio medical waste from HCEs, not following colour coding, not installed web cameras. The facility is not having power supply and is operating on diesel generator. The committee also noted that the facility has not complied with most of directions issued by the Board and not comply with the BMW Rules, 2016. The EE, RO, Kakinada has informed that the facility is not operating the incinerator and autoclave with optimum operating parameters. He informed that the facility is operating ETP and provided the CC cameras nearby ETP area as per CPCB directions. The Representative of the industry informed that they conducted the training/awareness programs to the staff of HCEs. It was informed that they have provided the CC Cameras and will connect to CPCB/APPCB website by end of June, 2017. It was also informed that they will comply with all directions issued by Board within one month. The Committee recommended that the industry shall construct the compound wall on all sides of the facility to avoid flying of Bio-medical waste and smell nuisance to the surrounding area. The Committee also recommended to levy Bank Guarantee of Rs.4.0 Lakhs as they have not complied with the directions. The Committee instructed the management to conduct training programs on segregation of Bio-medical waste for the staff of HCEs in their jurisdiction and operate the facility on daily basis.

The Committee after detailed discussions, recommended to issue certain directions. The Board hereby issue the following directions under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec.31(A) of Air (Prevention & Control of Pollution) Amendment Act, 1987:

1. The facility shall immediately obtain power connection from APEPDCL to operate the pollution control equipment continuously.
2. The facility shall collect only segregated biomedical waste from HCEs.
3. The facility shall not take-up manual feeding of biomedical waste into the incinerator and shall operate only on auto-feeding system.
4. The facility shall operate the Incinerator and Autoclave with optimum operating parameters and rectify the PLC to record the actual readings.

5. The facility shall train and educate the HCEs to segregate the bio medical waste at source and shall accept only the segregated waste. The list of the defaulting HCEs shall be communicated to RO, Kakinada for further course of action.

6. The facility shall connect the online stack monitoring equipment to the APPCB/CPCB website within 15 days.

7. The facility shall install mobile GPS and Board code system for transportation of BMW.

8. The facility shall construct the compound wall both side of the facility within 3 months.

9. The facility shall submit another Bank Guarantee of Rs.4.0 Lakhs (Old BG Rs.2 Lakhs + Fresh BG Rs.2 Lakhs) towards compliance of the directions issued by the Board.

10. The industry shall comply all directions issued by the Board vide order dt.16.05.2017.

11. The industry shall ensure continuous compliance of the conditions issued in the CFO & HWA order.

You are hereby directed to note that, should you violate any one of the directions mentioned above, your unit will be closed under Sec.33(A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and Sec.31(A) of Air (Prevention & Control of Pollution) Amendment Act, 1987 without any further notice, in the interest of Public Health and Environment.

This Order comes into effect from today i.e., 29.06.2017.

Sd/-
MEMBER SECRETARY

To
M/s. EVB Technologies Pvt., Ltd.,
Kanavaram, Pallakadiyam(V),
Rajanagaram (M),
East Godavari District.

Copy to:
1. The Joint Chief Environmental Engineer, A.P. Pollution Control Board, Zonal Office, Visakhapatnam for information and necessary action.
2. The Environmental Engineer, A.P. Pollution Control Board, Regional Office, Kakinada with a direction to inspect the industry and verify the compliance of the above directions by the industry and furnish the inspection report within one month, so as to review the industry. It was also recommended to direct EE, RO, Kakinada to issue notices to all defaulting HCEs who are not segregating Bio-medical waste at the source.

// T.C.F.B.O //

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II