ANDhra Pradesh Pollution Control Board

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Order No. 643/APPCCB/UH-II/TF/KKD/2017 - Dt.16.05.2017

DIRECTIONS


4. Inspection of the industry by ZO officials of Visakhapatnam on 09.01.2017.

WHEREAS you are operating a Common Bio-Medical Waste Treatment Facility in the name & style of M/s EVB Technologies Pvt., Ltd., 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 32.07.2016 with certain conditions, which is valid period upto 31.02.2021.

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 following:

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 777 PPM 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 sharpsh 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 records it was observed that, the facility is disposing the plastic waste of about 400 to 450 kg/month to M/s. Heritage polymers, Auttonagar, 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 Biomedical 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, legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 21.04.2017. The representatives of the industry
attended the legal hearing. The committee noted that the facility is receiving mostly the un-segregated bio medical waste and not following colour coding. The Committee also noted that the facility has not installed web cameras and not having power supply and is operating only on diesel generator. The Representative of the industry informed that they conducting the training/awareness programs to HCI\Es. It was informed that they installed web cameras and will be connected to the APPCB/CPCB websites within 10 days.

The Committee after detailed discussions, recommended to issue the following directions:

1. The facility shall immediately obtain power connection from APEPDCL to operate the pollution control equipment continuously.
2. The facility shall operate the Inclinator and Autoclave with optimum operating parameters and rectify the PLC to record the actual readings.
3. The facility shall train and educate the HCI\Es to segregate the bio medical waste at source and shall accept only the segregated waste. The list of the defaulting HCI\Es 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 inclinator 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.

This order is issued 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.

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., 16.05.2017.

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 for information and necessary action.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II