



PUNJAB POLLUTION CONTROL BOARD

VATAVARAN BHAWAN, PATIALA

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EPA/2019/No. 2826-30

Dated: 16/7/19

To,

1. M/s Amritsar Enviro-care System Pvt. Ltd.,
Vill. Ibban Kalan, Distt. Amritsar.
2. M/s Rainbow Environments Pvt. Ltd.,
#1139, Sector 69, SAS Nagar.
3. M/s Bio-Medical Waste Treatment Plant Pvt. Ltd.,
Vill. Pangoli, Distt. Pathankot.
4. M/s Medicare Environmental Management Pvt. Ltd.,
H.NO- 1783, Sector 32-A, Chandigarh Road,
Ludhiana -141010.
5. M/s Med-waste Solutions Pvt. Ltd.,
Village Bidowali, Teh. Gidderbaha, Sri Muktsar sahib.

Subject: Directions under section 5 of the Environment (Protection) Act, 1986 for effective compliance of the provisions of the Bio-Medical Waste Management Rules, 2016.

Whereas, Ministry of Environment, Forests & Climate Change, GOI, New Delhi had notified Bio-Medical Waste Management Rules, 2016 on 28.03.2016 to provide a regulatory frame work for management of bio-medical waste generated in the country.

And whereas, the Bio-medical Waste Management Rules, 2016 mandates that the operator of a CBWTF authorized by the prescribed authority is required to take all necessary steps to ensure that the bio-medical waste collected from the occupier is transported, handled, stored, treated and disposed of, without any adverse effect to the human health and the environment, in accordance with the BMM Rules and the guidelines issued by the Central Government or the Central Pollution Control Board (CPCB) from time to time.

And whereas, Central Pollution Control Board has issued revised guidelines for the Common Bio-Medical Waste Treatment Facilities (CBWTF) in December, 2016 with an aim to have uniformity in ensuring site selection, allowing and establishment of a state-of-the-art CBWTF, operation as well as verification of compliance to the BMW Rules, 2016 throughout the country.

And whereas, to implement BMM Rules more effectively and to improve the collection, segregation, processing, treatment and disposal of these bio-medical wastes in an environmentally sound management thereby, reducing the bio-medical waste generation and its impact on the environment, the Chairman, Punjab Pollution Control Board in exercise of the powers delegated upon him by the Ministry of Environment & Forests, Government of India, New Delhi vide notification no. 327 (E)

dated 10/4/2001 issues following directions to all the CBWTF operators operating in the State under section 5 of the Environment (Protection) Act, 1986:

- 1) The CBWTF operators shall operate the plant during the day time only. The CBWTF operator shall ensure that the untreated bio-medical waste shall not be stored beyond a period of 48 hours from its generation.
- 2) The CBWTF operator shall not provide any bye-pass vent pipe with the Incinerator before the Air Pollution Control Device.
- 3) The CBWTF operator shall temporarily store the treated sharp waste in the facility by encapsulation in metal container or cement concrete, however the same shall be sent for final disposal to iron foundries having consent to operate from the Punjab Pollution Control Board.
- 4) The ETP sludge generated in the premises of the CBWTF operator shall be disposed off to the Treatment, Storage & Disposal facility located at Derabassi, Mohali.
- 5) The CBWTF operators shall ensure rescanning of the bio-medical waste being received in their facility in order to match the qty of biomedical waste collected and received in the facility. The CBWTF operators are given 30 days' time to improve the bar-coding system.
- 6) The CBWTF operators shall map the location of all the existing members HCFs on the GPS website within 15 days. In case some new HCFs signs agreement with the CBWTF operator, the location of the HCF shall be mapped immediately.
- 7) The CBWTF operators shall ensure that the trade effluent generated due to vehicles washing, washing of floors, effluent from chemical washing tank and venturi scrubber of the Incinerator before recirculation into the venturi-scrubber/dischage into sewer/dischage onto land for plantation shall conform to the following limits:

Before Recirculation into the venturi scrubber

PARAMETERS	PERMISSIBLE LIMITS
pH	6.5-9.0
Suspended solids	100 mg/l
Dissolved solids	2100 mg/l

Before discharge into sewer/dischage onto land for plantation

PARAMETERS	PERMISSIBLE LIMITS
pH	6.5-9.0
Suspended solids	100 mg/l
Oil and grease	10 mg/l
BOD	30 mg/l
Dissolved solids	2100 mg/l
Bio-assay test	90% survival of fish after 96 hours in 100% effluent.

The CBWTF operator shall carry out the effluent sample analyzed from a NABL approved laboratory or a laboratory approved under the Environment (Protection) Act, 1986.

- 8) The CBWTF operator shall carry out validation test for autoclave, spore testing for autoclave and chemical strip test on quarterly, weekly and daily basis respectively. The methodology reported to carry out the test shall be the same as given in the Bio-medical Waste Rules, 2016.
- 9) The CBWTF operator shall make adequate arrangements for fire safety such as sand buckets, fire extinguishers, fire alarm etc.
- 10) The CBWTF operator shall work-out the route of transportation depending upon the area to be covered under the CBWTF. The no. of HCFs catered by a particular collection vehicle shall not be more than 75 HCFs in any case.
- 11) The CBWTF operators at the time of making agreement with the Health-care Facility shall guide them to apply for authorization under BMW Rules from the Board and impose a condition in the agreement that the agreement will be terminated if the HCF fails to submit copy of authorization under BMW Rules from PPCB within 3 months. The CBWTF operators shall submit list of HCFs to the Board on monthly basis with which it has made fresh agreements.

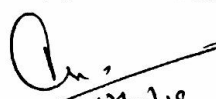

Chairman

Endst. No. 2831-56

Dated: 16/7/19

A copy of the above is forwarded to the following for information and necessary action please:

1. The Chief Environmental Engineer, Punjab Pollution Control Board, Bathinda, Ludhiana, Jalandhar and Patiala.
2. The Senior Environmental Engineer, Punjab Pollution Control Board, Zonal office, Patiala-I/II, Ludhiana-I/II, Amritsar, Jalandhar and Bathinda.
3. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-Mohali/ Sangrur/Patiala/Hoshiarpur/Jalandhar/Ludhiana- I- II / III / IV / Amritsar / Batala / Bathinda and Faridkot.
4. The Environmental Engineer, Punjab Pollution Control Board, Regional Office-Fatehgarh Sahib. He is further requested to coordinate with the CBWTF operators and facilitate in final disposal of treated sharp waste to iron foundries located under his jurisdiction.
5. The Environmental Engineer (Computer), Punjab Pollution Control Board, Head Office, Patiala with respect to upload the copy of the directions on the Board's website.


Chief Environmental Engineer (HQ)