

**Report on Bio-medical Waste Management for the month of June, 2020**

| Sl. No. | Description  | Remarks  |
|---------|--|--|
| 1       | Contact Address and details of the Healthcare Facility   | LGB Regional Institute of Mental Health, Tezpur, Sonitpur, Assam, Pin-784001, Tele No. 03712-232652, fax No.- 03712-233623   |
| 2       | No. Of Beds  | 336 No.  |
|         | Details of :   |  |
| 3       | a) Authorisation under BMW Rules, 2016   | Authorization No: WB/OTWA/BMW-448/18-19/01/170   |
|         | b) Consent under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 | Authorization No: WB/TEZ/T-1745/18-19/01/1489<br>Dated 22/01/2019.   |
| 4       | Quantity of bio-medical waste generation (in Kg/day)   | 4.46Kg   |
| 5       | Mode of disposal of bio-medical waste (through CBWTF or through captive treatment facility)                                    | Through captive treatment facility   |
| 6       | Name and address of the CBWTF through which waste is disposed off (as applicable)  | N/A  |
|         | In case, HCF is having captive treatment facility,   |  |
|         | a) Bio-medical waste treated (in Kg/day)   | 4.46Kg   |
|         | b) Details of treatment equipment  | i) Incinerator<br>ii) Autoclave<br>iii) Shredder<br>iv) Needle Destroyer<br>v) ETP (Effluent Treatment Plant)  |
| 7       | c) Total nos. And capacity of each treatment equipment (in Kg/day)   | i) Incinerator- 1 No. Capacity – 10-12 Kg/hr<br>ii) Autoclave – 1 No. Capacity – 78 litres<br>iii) Shredder - 1 Nos. Capacity -50 -100 kg<br>iv) Needle Destroyer – 12 Nos.<br>v) ETP (Effluent Treatment Plant)- 4000 ltr/day |

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1) Incinerator

| Sl. No. | Parameter                  | Result |
|---------|----------------------------|--------|
| i.      | SO <sub>2</sub> (ppm)      | 17.5   |
| ii.     | NO <sub>2</sub> (ppm)      | 37.5   |
| iii.    | HCl ( mg/Nm <sup>3</sup> ) | 29     |
| iv.     | CO (ppm)                   | 286    |
| v.      | CO <sub>2</sub> %          | 8.2    |

Temperature

Primary Chamber 800<sup>0</sup> ± 50<sup>0</sup> C,  
Secondary Chamber 1000<sup>0</sup> ± 50<sup>0</sup> C

Height- 30 meters above from the ground

Capacity- 10-12 Kg/hr

2) Autoclave: (Gravity flow)

Monitors steam processes with Geobacillus stearothermophilus spores

- i) Yellow category -38.322kg/month
- ii) Red category - 82.154kg/month
- iii) White category -1.928kg/month
- iv) Blue category -11.554kg/month

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d) Operating parameters of the treatment equipment as per BMW Rules, 2016

8 Monthly records of biomedical waste generation(category wise)

9 No. of trainings conducted on Bio-medical Waste management in the current year

*[Signature]*  
01/09/2020  
I/C Central Laboratory  
LGBRIMH  
Tirupur  
Central Laboratory  
LGBRIMH  
Tirupur