

**REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF JULY, 2025**

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	Applied for, Application no: 444804 dated,12/03/2021 Previous 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-2189/22-23/14 dtd. 11/11/22
4.	Quantity of bio-medical waste generation (in Kg/day)	10.187 Kg
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)	10.187 Kg
	b)Details of treatment equipment	i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer 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 ii) Autoclave – 1 No. Capacity : 78 litres iii) Shredder - 1 No. Capacity 50-100 kg iv) Needle Destroyer – 12 Nos. — v) ETP – 1 No Capacity: 4000 litre/day

**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 ± 50° C,  
 Secondary Chamber 1000 ± 50° C  
**Height**- 30 meters above from the ground  
**Capacity**- 10-12 Kg/hr

**2) Autoclave: (Gravity flow)**

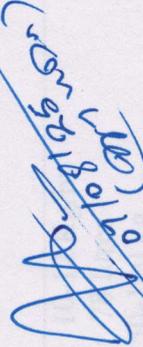
i) Monitors steam processes with Geobacillus steartotherophilus spores.  
 ii) Steam Indicator tape

- i) Yellow category : 73.389 kg/month
- ii) Red category : 131.12 kg/month
- iii) White category : 6.503 kg/month
- iv) Blue category : 104.796 kg/month

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

  
 I/C Central Laboratory  
 LGBRIMH, Tezpur