

**REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF MAY, 2023**

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.
3	Details of :	
	a) Authorisation under BMWM Rules, 2016	Authorization No: WB/TEZ/T-2189/22-23/14 dtd. 11/11/22
	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)	8.850 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
7	In case, HCF is having captive treatment facility,	
	a)Bio-medical waste treated (in Kg/day)	8.850 Kg
	b)Details of treatment equipment	i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer v) ETP (Effluent Treatment Plant)
	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



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

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)

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

8

Monthly records of biomedical waste generation(category wise)

- i) Yellow category : 64.6 kg/month
- ii ) Red category : 141.726 kg/month
- iii) White category : 13.065 kg/month
- iv) Blue category : 46.118s kg /month

9

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

19

  
I/C Central Laboratory