

**REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF DECEMBER, 2022**

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	Applied for, Application no: 444804, dated,12/03/2021 Previous authorization No: WB/TEZ/T-1745/18-19/01/1489
4	Quantity of bio-medical waste generation (in Kg/day)	7.5Kg
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)	7.5Kg
	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 stearothermophilus spores.

ii) Steam Indicator tape

i) Yellow category : 77.364 kg/month

ii) Red category : 115.405 kg/month

iii) White category : 6.645 kg/month

iv) Blue category : 33.001kg /month

8 Monthly records of biomedical waste generation(category wise)

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

28

*Shubam*  
06/10/2016  
I/C Central Laboratory  
LGBRIMH, Tezpur