

REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF AUGUST, 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.
	Details of :	
3	a) Authorisation under BMWM Rules, 2016	Applied for, Application no: 444804 dated, 12/03/2021
	b) Consent under Water (Prevention and Control of Pollution) Act, 1974 and Air(Prevention and Control of Pollution) Act, 1981	Previous authorization No: WB/OTWA/BMW-448/18-19/01/170
4	Quantity of bio-medical waste generation (in Kg/day)	Authorization No: WB/TEZ/T-2189/22-23/14 dtd. 11/11/22
5	Mode of disposal of bio-medical waste (through CBWTF or through captive treatment facility)	8.86 Kg
6	Name and address of the CBWTF through which waste is disposed off (as applicable)	Through captive treatment facility
	In case, HCF is having captive treatment facility,	N/A
	a) Bio-medical waste treated (in Kg/day)	8.86 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

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

1) Incinerator

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

Temperature

Primary Chamber 800^o ± 50^o C,
Secondary Chamber 1000^o ± 50^o C

Height- 30 meters above from the ground
Capacity- 10-12 Kg/hr

2) Autoclave: (Gravity flow)

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

8

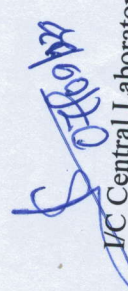
Monthly records of biomedical waste generation(category wise)

- i) Yellow category : 69.934 kg/month
- ii) Red category : 153.197 kg/month
- iii) White category : 8.056 kg/month
- iv) Blue category : 34.67 kg/month

9

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

22


J.C. Central Laboratory
LGBRIMH, Tezpur