

REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF AUGUST, 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/OTW/A/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 Dated 22/01/2019.
4	Quantity of bio-medical waste generation (in Kg/day)	5.73Kg
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)	5.73Kg
		i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer v) ETP (Effluent Treatment Plant)
7	b) Details of treatment equipment	
	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 Nos. Capacity -50 -100 kg iv) Needle Destroyer – 12 Nos. v) ETP (Effluent Treatment Plant)- 4000 litre/day

8	Monthly records of biomedical waste generation(category wise)	<p>1) Yellow category : 68.067 kg/month ii) Red category : 88.474 kg/month iii) White category : 2.364 kg/month iv) Blue category : 13.118 kg/month</p>
9	No. of trainings conducted on Bio-medical Waste management in the current year	04.

d) Operating parameters of the treatment equipment as per BMW 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° ± 50° C,
 Secondary Chamber 1000° ± 50° C
Height- 30 meters above from the ground
Capacity- 10-12 Kg/hr

2) Autoclave: (Gravity Flow)
 Monitors steam processes with Geobacillus steartothermophilus spores

(Signature)
 I/C Central Laboratory
 LGBRIMH, Tezpur
 22/09/2020
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