

Report on Bio-medical Waste Management for the month of August, 2018

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
	Details of :	
3	a) Authorisation under BMW Rules, 2016	Applied for, dated: 25-05-2018 Previous Authorisation No.: WB/OTWA/BMW-201/08-09/14/508 dated 4 th July 2009
	b) Consent under Water (Prevention and Control of Pollution) Act, 1974 and Air(Prevention nad Control of Pollution) Act, 1981	Applied for, dated 25-05-2018 Previous Authorisation No.: PC/ROT/LAB-08/2000/557/924 dated 23-03-2011
4	Quantity of bio-medical waste generation (in Kg/day)	1.26
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) In case, HCF is having captive treatment facility,	N/A
	a) Bio-medical waste treated (in Kg/day)	1.26
	b) Details of treatment equipment	i. Incinerator ii. Autoclave iii. Shredder iv. Needle Destroyer
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 - 2 Nos. ---- iv. Needle Destroyer – 12 Nos. ----

1. Incinerator

Sl. No.	Parameter	Result
i.	Sulfur dioxides in mg/Nm ³	10
ii.	Nitrogen oxides in mg/Nm ³	34
iii.	HCl in mg/Nm ³	23
iv.	CO in mg/Nm ³	776
v.	Combustion Efficiency (C.E)	99.9%

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)

a. Temperature- 121° C

b. Pressure – 15 Square per inch

c. Time- 60 minutes

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

8 Monthly records of biomedical waste generation(category wise)

- i) Yellow category – 8.34 kg/month
- ii) Red category – 16.555 kg/month
- iii) White category – 2.545 kg/month
- iv) Blue category – 10.535 kg/month

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

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