


REPORT ON BIO-MEDICAL WASTE MANAGEMENT FOR THE MONTH OF DECEMBER, 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 BMW 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)	9.629 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)	9.629 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



<p>d) Operating parameters of the treatment equipment as per BMW Rules, 2016</p>	<p>1) <u>Incinerator</u></p> <table border="1" data-bbox="279 190 494 918"> <thead> <tr> <th>Sl. No.</th> <th>Parameter</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>SO₂ (ppm)</td> <td>17.5</td> </tr> <tr> <td>ii.</td> <td>NO₂ (ppm)</td> <td>37.5</td> </tr> <tr> <td>iii.</td> <td>HCl (mg/Nm³)</td> <td>29</td> </tr> <tr> <td>iv.</td> <td>CO (ppm)</td> <td>286</td> </tr> <tr> <td>v.</td> <td>CO₂ %</td> <td>8.2</td> </tr> </tbody> </table> <p>Temperature Primary Chamber 800⁰ ± 50⁰ C, Secondary Chamber 1000⁰ ± 50⁰ C Height- 30 meters above from the ground Capacity- 10-12 Kg/hr</p> <p>2) <u>Autoclave: (Gravity flow)</u></p> <p>i) Monitors steam processes with Geobacillus steartothermophilus spores. ii) Steam Indicator tape</p>	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
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<p>8</p> <p>Monthly records of biomedical waste generation(category wise)</p>	<p>i) Yellow category : 65.813 kg/month ii) Red category : 145.99 kg/month iii) White category : 7.269 kg/month iv) Blue category : 69.804 kg/month</p>																		
<p>9</p> <p>No. of trainings conducted on Bio-medical Waste management in the current year</p>	<p>24</p>																		


04/10/12
Central Laboratory
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