

Report on Bio-medical Waste Management for the year 2017

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
3	Details of :	
	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)	2.67
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
7	In case, HCF is having captive treatment facility,	
	a) Bio-medical waste treated (in Kg/day)	2.67
	b) Details of treatment equipment	i) Incinerator ii) Autoclave iii) Shredder iv) Needle Destroyer
	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. ----



	<p>d) Operating parameters of the treatment equipment as per BMWM Rules, 2016</p>	<p>1) <u>Incinerator</u></p> <table border="1" data-bbox="1377 260 2089 491"> <thead> <tr> <th>Sl. No.</th> <th>Parameter</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>I.</td> <td>Sulfur dioxides in mg/Nm³</td> <td>10</td> </tr> <tr> <td>II.</td> <td>Nitrogen oxides in mg/Nm³</td> <td>34</td> </tr> <tr> <td>III.</td> <td>HCl in mg/Nm³</td> <td>23</td> </tr> <tr> <td>IV.</td> <td>CO in mg/Nm³</td> <td>776</td> </tr> <tr> <td>V.</td> <td>Combustion Efficiency (C.E)</td> <td>99.9%</td> </tr> </tbody> </table> <p><u>Temperature</u> Primary Chamber 800⁰ ± 50⁰ C, Secondary Chamber 1000⁰ ± 50⁰ C <u>Height</u>- 30 meters above from the ground <u>Capacity</u>- 10-12 Kr/hr</p> <p>2) <u>Autoclave: (Gravity flow)</u></p> <ol style="list-style-type: none"> Temperature- 121⁰ C Pressure – 15 Square per inch Time- 60 minutes 	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%
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8	<p>Monthly records of biomedical waste generation(category wise)</p>	<p>i) Yellow category – 6.25 kg/month ii) Red category – 46.67 kg/month iii) White category – 0.375 kg/month iv) Blue category – 26.67 kg/month</p>																		
9	<p>No. of trainings conducted on Bio-medical Waste management in the current year</p>	<p>2</p>																		

I/C Central laboratory
LGBRIMH

