

Report on Bio-medical Waste Management for the month of February, 2019

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, 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 and Control of Pollution) Act, 1981	UAIN: PCB/F50/ST/003399/05/2018 dated 24-01-2019
4	Quantity of bio-medical waste generation (in Kg/day)	3.43 Kg
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)	3.43 Kg
	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 - 1 Nos. Capacity -50 -100 kg iv) Needle Destroyer – 12 Nos.

	<p>d) Operating parameters of the treatment equipment as per BMW Rules, 2016</p>	<p>1) Incinerator</p> <table border="1" data-bbox="341 129 560 797"> <thead> <tr> <th>Sl. No.</th> <th>Parameter</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>i.</td> <td>Sulfur dioxide 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>Temperature Primary Chamber 800° ± 50° C, Secondary Chamber 1000° ± 50° C</p> <p>Height- 30 meters above from the ground</p> <p>Capacity- 10-12 Kg/hr</p> <p>2) Autoclave: (Gravity flow)</p> <p>a) Temperature- 121° C b) Pressure – 15 Square per inch c) Time- 60 minutes</p>	Sl. No.	Parameter	Result	i.	Sulfur dioxide 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	Monthly records of biomedical waste generation(category wise)	<p>i) Yellow category – 11.48 kg/month ii) Red category – 70.89 kg/month iii) White category – 3.01 kg/month iv) Blue category – 17.64 kg/month</p>																		
9	No. of trainings conducted on Bio-medical Waste management in the current year	Nil																		


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 LBBR/MIH
 Central Laboratory
 LG, Bhubaneswar