

Report on Bio-medical Waste Management for the month of June, 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 | Authorization No: WB/OTWA/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) | 4.5 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) | 4.5 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. |

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

- i) Yellow category -15.76 kg/month
- ii) Red category - 97.9 kg/month
- iii) White category- 3 kg/month
- iv) Blue category - 20 kg/month

8 Monthly records of biomedical waste generation(category wise)

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

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