

**Form - IV**  
(See rule 13)  
**ANNUAL REPORT**

[To be submitted to the prescribed authority on or before 30<sup>th</sup> June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl. No.	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	DR. GAUTAM DEY MEDICAL SUPERINTENDENT
	(ii) Name of HCF or CBMWTF	:	CENTRAL REFERRAL HOSPITAL
	(iii) Address for Correspondence	:	CRH, SIRKIN MANIPAL UNIVERSITY, 5TH MILE, TADONG
	(iv) Address of Facility	:	SAME AS ABOVE
	(v) Tel. No, Fax. No	:	03592-231137, 03592-231162
	(vi) E-mail ID	:	info@smu.edu.in
	(vii) URL of Website	:	smu.edu.in/smu/hospital.html
	(viii) GPS coordinates of HCF or CBMWTF	:	-
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other) ✓
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: 383/S.P.C.B./805 .....valid up to 31/03/18
	(xi) Status of Consents under Water Act and Air Act	:	Valid up to: 31/03/18
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 550
	(ii) Non-bedded hospital	:	
	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	-
	(iii) License number and its date of expiry	:	19/SCE/gtk, 02/03/18
3.	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	Annexure - I
	(ii) No of beds covered by CBMWTF	:	550
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	Kg per day Incinerator - 50kg/hour



	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	Kg/day 97 kg/day, 35,376 kg/annum																																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) :	Yellow Category : 477 kg/month Red Category : 350 kg/month White: 130 kg/month Blue Category: 160 kg/month General Solid waste: 1831 kg/month																																																
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																	
	(i) Details of the on-site storage facility :	Size : 451 sq ft Capacity : 35-40 kg/day Provision of on-site storage : (cold storage or any other provision) -																																																
	(ii) Details of the treatment or disposal facilities :	<table border="1"> <thead> <tr> <th>Type of treatment equipment</th> <th>No of units</th> <th>Capacity Kg/day</th> <th>Quantity treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>01</td> <td>50 kg/hr</td> <td>5724</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Autoclaves</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Microwave</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Hydroclave</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Shredder</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>30</td> <td>10-15 needles/day</td> <td></td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td>02</td> <td>4m x 3m x 1.5m</td> <td></td> </tr> <tr> <td>Deep burial pits:</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Chemical disinfection:</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Any other treatment equipment:</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerators	01	50 kg/hr	5724	Plasma Pyrolysis	-	-	-	Autoclaves	-	-	-	Microwave	-	-	-	Hydroclave	-	-	-	Shredder	-	-	-	Needle tip cutter or destroyer	30	10-15 needles/day		Sharps encapsulation or concrete pit	02	4m x 3m x 1.5m		Deep burial pits:	-	-	-	Chemical disinfection:	-	-	-	Any other treatment equipment:	-	-	-
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	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum. :	Red Category (like plastic, glass etc.) 4200 kg/annum																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste :	02 [ 01 - Biomedical waste 01 - General waste ]																																																
	(v) Details of incineration ash and ETP sludge generated and disposed :	<table border="1"> <thead> <tr> <th>Quantity generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Quantity generated	Where disposed																																														
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	during the treatment of wastes in Kg per annum	Incineration It will be measured from Ash Sep'17 ETP Sludge Not Available. ETP not installed
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Central treatment site in CRH.
	(vii) List of member HCF not handed over bio-medical waste.	—
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes. Annexure-II
7	Details trainings conducted on BMW	For nurses - 02 For housekeeping staff - 03 221 + 149 = 370
	(i) Number of trainings conducted on BMW Management.	15
	(ii) number of personnel trained	—
	(iii) number of personnel trained at the time of induction	—
	(iv) number of personnel not undergone any training so far	Yes.
	(v) whether standard manual for training is available?	—
	(vi) any other information)	—
8	Details of the accident occurred during the year	—
	(i) Number of Accidents occurred	—
	(ii) Number of the persons affected	—
	(iii) Remedial Action taken (Please attach details if any)	—
	(iv) Any Fatality occurred, details.	—
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	Air testing is yet to be started
	Details of Continuous online emission monitoring systems installed	Not available at present.
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	ETP is not available at present
11	Is the disinfection method or sterilization meeting the log 4	It will be started in year 2017



	standards? How many times you have not met the standards in a year?		-
12	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator) -

Certified that the above report is for the period from

.....  
 ..... January 2016 - December 2016 .....  
 .....

*[Handwritten Signature]*  
 Name and Signature of the Head of the Institution

Date: 30.08.17  
 Place Tadong

**Dr. Gautam Dey**  
 Medical Superintendent  
 Central Referral Hospital  
 5th Mile, Tadong Gangtok  
 Sikkim - 737102

