

Form - IV
(See rule 13)
ANNUAL REPORT

[To be submitted to the prescribed authority on or before 30th 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 authorized person (occupier or operator of facility)	: Mr. R.K. Goyal
	(ii) Name of HCF or CBMWTF	: DAYANAND MEDICAL COLLEGE & HOSPITAL
	(iii) Address for Correspondence	: Tagore Nagar, Civil Lines, Ludhiana.
	(iv) Address of Facility	: Tagore Nagar, Civil Lines, Ludhiana.
	(v) Tel. No, Fax. No	: 0161-4687693, 0161-2302620
	(vi) E-mail ID	: rk_goyal@dmch.edu
	(vii) URL of Website	: www.dmch.edu
	(viii) GPS coordinates of HCF or CBMWTF	:
	(ix) Ownership of HCF or CBMWTF	: (State Government or Private or Semi Govt. or any other) Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No.: EPA/BMW/HCF/2017/R-01 Valid up to 31-03-2021
	(xi). Status of Consents under Water Act and Air Act	: Valid up to: Water Consent 31-03-2021 Air Consent 31-03-2021
2.	Type of Health Care Facility	:
	(i) Bedded Hospital	: No. of Beds: 1364
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: -NA-
	(iii) License number and its date of expiry	: -NA-
3.	Details of CBMWTF	:

(i) Number healthcare facilities covered by CBMWTF	:	-NA-
(ii) No of beds covered by CBMWTF	:	-NA-
(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day
(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	_____ Kg/day

4. Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	MONTH	YELLOW (Kg)	RED (Kg)	BLUE (Kg)	White (Kg)	General Solid waste (Kg)
		Jan-17	20172.71	16913.250	7504.280	221.850	67980.00
		Feb-17	19375.630	16062.780	7485.300	170.618	74475.00
		Mar17	22190.470	18176.350	8982.920	261.560	67902.00
		Apr-17	19944.275	17179.370	8129.820	199.120	95440.50
		May-17	21351.470	17708.580	7957.440	195.824	81695.75
		Jun-17	21158.750	17367.690	7833.850	257.769	84036.50
		Jul-17	22498.320	18282.435	8281.575	230.370	88385.00
		Aug-17	23035.880	19138.630	10718.450	228.260	95732.00
		Sep-17	22602.134	19270.33	9657.640	233.090	91330.00
		Oct-17	23128.120	20697.720	9957.960	209.020	90791.00
		Nov-17	23986.380	19921.670	8053.070	292.500	85390.00
		Dec-17	22380.730	18994.130	6472.850	202.480	86964.00
		261824.87 Kg	219712.94 Kg	101035.16 Kg	2702.46 Kg.	1010121.75 Kg.	

5. Details of the Storage, treatment, transportation, processing and Disposal Facility

(i) Details of the on-site storage facility	: Size : Yellow-13'×9'×8' Red - 13'×9'×8' Blue - 10'×9'×8' Green - 22'×12'×8' Capacity : 4 separate cabins 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 data-bbox="568 515 941 582">Type of treatment equipment</th> <th data-bbox="941 515 1104 582">No of units</th> <th data-bbox="1104 515 1299 582">Capacity Kg/ day</th> <th data-bbox="1299 515 1572 582">Quantity treated or disposed in kg per annum</th> </tr> </thead> <tbody> <tr> <td data-bbox="568 582 941 806">Incinerators Plasma Pyrolysis Autoclaves</td> <td data-bbox="941 582 1104 806">-</td> <td data-bbox="1104 582 1299 806">3 units (100 litres, 20 litres & 80 litres)</td> <td data-bbox="1299 582 1572 806"></td> </tr> <tr> <td data-bbox="568 806 941 918">Microwave Hydroclave Shredder</td> <td data-bbox="941 806 1104 918"></td> <td data-bbox="1104 806 1299 918"></td> <td data-bbox="1299 806 1572 918"></td> </tr> <tr> <td data-bbox="568 918 941 1030">Needle tip cutter or destroyer Sharps encapsulation or concrete pit</td> <td data-bbox="941 918 1104 1030">-</td> <td data-bbox="1104 918 1299 1030">Needle Cutter 27 Needle burner 73</td> <td data-bbox="1299 918 1572 1030"></td> </tr> <tr> <td data-bbox="568 1030 941 1478">Deep burial pits: Chemical disinfection Any other treatment – equipment</td> <td data-bbox="941 1030 1104 1478">-</td> <td data-bbox="1104 1030 1299 1478"></td> <td data-bbox="1299 1030 1572 1478">10% Sodium Hypochlorite treatment in Labs & OT's ETP plant(2000 KL/day for liquid waste treatment)</td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/ day	Quantity treated or disposed in kg per annum	Incinerators Plasma Pyrolysis Autoclaves	-	3 units (100 litres, 20 litres & 80 litres)		Microwave Hydroclave Shredder				Needle tip cutter or destroyer Sharps encapsulation or concrete pit	-	Needle Cutter 27 Needle burner 73		Deep burial pits: Chemical disinfection Any other treatment – equipment	-		10% Sodium Hypochlorite treatment in Labs & OT's ETP plant(2000 KL/day for liquid waste treatment)
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(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	: -NA-																				
(iv) No of vehicles used for collection and transportation of biomedical waste	: -NA-																				
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	<table border="1"> <thead> <tr> <th data-bbox="568 1702 941 1769"></th> <th data-bbox="941 1702 1169 1769">Quantity generated</th> <th data-bbox="1169 1702 1572 1769">Where disposed</th> </tr> </thead> <tbody> <tr> <td data-bbox="568 1769 941 1836">Incineration Ash</td> <td data-bbox="941 1769 1169 1836">-NA-</td> <td data-bbox="1169 1769 1572 1836">-NA-</td> </tr> <tr> <td data-bbox="568 1836 941 1960">ETP sludge</td> <td data-bbox="941 1836 1169 1960">Approx. 35 Kg/day</td> <td data-bbox="1169 1836 1572 1960">M/s Ramky Enviro</td> </tr> </tbody> </table>		Quantity generated	Where disposed	Incineration Ash	-NA-	-NA-	ETP sludge	Approx. 35 Kg/day	M/s Ramky Enviro											
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		Engineers Ltd., Vill. Nimbua, Mohali (Pb.)
	(vi) Name of the Common BioMedical Waste Treatment Facility Operator through which wastes are disposed of	: M/s Medicare Environmental Management private Ltd., Tajpur road, Ludhiana.
	(vii) List of member HCF not handed over bio-medical waste.	: -NA-
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	: Yes (Photocopy of minutes attached)
7	Details trainings conducted on BMW	:
	(i) Number of trainings conducted on BMW Management.	156
	(ii) number of personnel trained	2449
	(iii) number of personnel trained at the time of induction	300
	(iv) number of personnel not undergone any training so far	Nil
	(v) Whether standard manual for training is available?	Yes
	(vi) any other information)	
8	Details of the accident occurred during the year	: Nil
	(i) Number of Accidents occurred	Nil
	(ii) Number of the persons affected	Nil
	(iii) Remedial Action taken (Please attach details if any)	Nil
	(iv) Any Fatality occurred, details.	Nil
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	: -NA-
	Details of Continuous online emission monitoring systems installed	-NA-

	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Yes None
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	Yes None
12	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator) -NA-

Certified that the above report is for the period from :

January 2017 to December 2017.

Date: 1/04/2018

Place: Ludhiana.

[Handwritten Signature]
28/3/18

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

**Chief Engineer
Dayanand Medical College & Hospital
LUDHIANA.**