

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	Details	
1	Particulars of the Occupier		
	(i) Name of the authorised person (occupier or operator of facility)	The Administrator	
	(ii) Name of HCF	Carmel Hospital IMAGE CBWTF Aff.No.EKM.0797	
	(iii) Address for Correspondence	16/272, Aluva, Aluva, Ernakulam, Kerala, India, Pin - 683101	
	(iv) Address of Facility	16/272, Aluva, Aluva, Ernakulam, Kerala, India, Pin - 683101	
	(v) Tel. No,Fax. No	4842622034	
	(vi) E-mail ID	carmelhospital@yahoo.co.in	
	(vii) URL of Website		
	(viii) GPS coordinates of HCF or CBMWTF	Latitude - Longitude -	10.101211666666668 76.35868833333333
	(ix) Ownership of HCF or CBMWTF		
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules		
	(xi) Status of Consents under Water Act and Air Act		
2	Type of Health Care Facility		
	(i) Bedded Hospital	Private Hospital (PH)	
	(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		

3	Details of CBMWTF	IMAGE / IMA,KSB,Behind Gramalakshmi Mudralayam, Manthuruhi, Kanjikkode west,Palakkad - 678 623, Tel. No.:0491 2570470, Email: imageimaksbtvm@gmail.com Admin: Office: IMAGE, IMA State Headquarters,Anayara PO, Thiruvananthapuram Ph. 0471-274 2211, 274 1188																																						
	(i) Number healthcare facilities covered by CBMWTF	19176																																						
	(ii) No of beds covered by CBMWTF	104922																																						
	(iii) Installed treatment and disposal capacity of CBMWTF:	55.8 tonnes per day																																						
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	51.79 tonnes per day																																						
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)(kg/year)	9469.61																																						
		<table border="1"> <thead> <tr> <th data-bbox="715 732 986 788">Category</th> <th data-bbox="986 732 1257 788">Regular(kg)</th> <th data-bbox="1257 732 1535 788">Covid(kg)</th> </tr> </thead> <tbody> <tr> <td data-bbox="715 788 986 844">Red Waste (kg/year)</td> <td data-bbox="986 788 1257 844">2675.70</td> <td data-bbox="1257 788 1535 844">13.18</td> </tr> <tr> <td data-bbox="715 844 986 922">Yellow Waste (kg/year)</td> <td data-bbox="986 844 1257 922">4143.90</td> <td data-bbox="1257 844 1535 922">73.78</td> </tr> <tr> <td data-bbox="715 922 986 978">Blue Waste (kg/year)</td> <td data-bbox="986 922 1257 978">2379.00</td> <td data-bbox="1257 922 1535 978">7.91</td> </tr> <tr> <td data-bbox="715 978 986 1034">White Waste (kg/year)</td> <td data-bbox="986 978 1257 1034">173.50</td> <td data-bbox="1257 978 1535 1034">2.64</td> </tr> </tbody> </table>			Category	Regular(kg)	Covid(kg)	Red Waste (kg/year)	2675.70	13.18	Yellow Waste (kg/year)	4143.90	73.78	Blue Waste (kg/year)	2379.00	7.91	White Waste (kg/year)	173.50	2.64																					
Category	Regular(kg)	Covid(kg)																																						
Red Waste (kg/year)	2675.70	13.18																																						
Yellow Waste (kg/year)	4143.90	73.78																																						
Blue Waste (kg/year)	2379.00	7.91																																						
White Waste (kg/year)	173.50	2.64																																						
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																							
	(i) Details of the on-site storage facility :																																							
	Size :																																							
	Capacity:																																							
	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="715 1426 976 1606">Type of treatment equipment</th> <th data-bbox="976 1426 1136 1606">No of units</th> <th data-bbox="1136 1426 1335 1606">Capacity Kg/ day</th> <th data-bbox="1335 1426 1535 1606">Quantity Treated or disposed in kg per annum (kg/year)</th> </tr> </thead> <tbody> <tr> <td data-bbox="715 1606 976 1662">Incinerators</td> <td data-bbox="976 1606 1136 1662">Nil</td> <td data-bbox="1136 1606 1335 1662">Nil</td> <td data-bbox="1335 1606 1535 1662"></td> </tr> <tr> <td data-bbox="715 1662 976 1718">Plasma Pyrolysis</td> <td data-bbox="976 1662 1136 1718">Nil</td> <td data-bbox="1136 1662 1335 1718">Nil</td> <td data-bbox="1335 1662 1535 1718"></td> </tr> <tr> <td data-bbox="715 1718 976 1774">Autoclaves</td> <td data-bbox="976 1718 1136 1774">Nil</td> <td data-bbox="1136 1718 1335 1774">Nil</td> <td data-bbox="1335 1718 1535 1774"></td> </tr> <tr> <td data-bbox="715 1774 976 1830">Microwave</td> <td data-bbox="976 1774 1136 1830">Nil</td> <td data-bbox="1136 1774 1335 1830">Nil</td> <td data-bbox="1335 1774 1535 1830"></td> </tr> <tr> <td data-bbox="715 1830 976 1886">Hydroclave</td> <td data-bbox="976 1830 1136 1886">Nil</td> <td data-bbox="1136 1830 1335 1886">Nil</td> <td data-bbox="1335 1830 1535 1886"></td> </tr> <tr> <td data-bbox="715 1886 976 1942">Shredder</td> <td data-bbox="976 1886 1136 1942">Nil</td> <td data-bbox="1136 1886 1335 1942">Nil</td> <td data-bbox="1335 1886 1535 1942"></td> </tr> <tr> <td data-bbox="715 1942 976 1998">Needle tip cutter or destroyer</td> <td data-bbox="976 1942 1136 1998">Nil</td> <td data-bbox="1136 1942 1335 1998">Nil</td> <td data-bbox="1335 1942 1535 1998"></td> </tr> <tr> <td data-bbox="715 1998 976 2121">Sharps (bottles) Encapsulation or concrete pit</td> <td data-bbox="976 1998 1136 2121">Nil</td> <td data-bbox="1136 1998 1335 2121">Nil</td> <td data-bbox="1335 1998 1535 2121"></td> </tr> </tbody> </table>			Type of treatment equipment	No of units	Capacity Kg/ day	Quantity Treated or disposed in kg per annum (kg/year)	Incinerators	Nil	Nil		Plasma Pyrolysis	Nil	Nil		Autoclaves	Nil	Nil		Microwave	Nil	Nil		Hydroclave	Nil	Nil		Shredder	Nil	Nil		Needle tip cutter or destroyer	Nil	Nil		Sharps (bottles) Encapsulation or concrete pit	Nil	Nil	
Type of treatment equipment	No of units	Capacity Kg/ day	Quantity Treated or disposed in kg per annum (kg/year)																																					
Incinerators	Nil	Nil																																						
Plasma Pyrolysis	Nil	Nil																																						
Autoclaves	Nil	Nil																																						
Microwave	Nil	Nil																																						
Hydroclave	Nil	Nil																																						
Shredder	Nil	Nil																																						
Needle tip cutter or destroyer	Nil	Nil																																						
Sharps (bottles) Encapsulation or concrete pit	Nil	Nil																																						

		<table border="1"> <tr> <td>Deep burial pits (Needle)</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Chemical disinfection</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> </table>	Deep burial pits (Needle)	Nil	Nil		Chemical disinfection	Nil	Nil		Any other treatment equipment:	Nil	Nil	
Deep burial pits (Needle)	Nil	Nil												
Chemical disinfection	Nil	Nil												
Any other treatment equipment:	Nil	Nil												
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum. Red Category (like plastic, glass etc.)	The Biomedical Waste generated from this HCE is collected,transported to the CBWTF,treated & disposed of by the IMAGE - CBWTF.												
	(iv) No of vehicles used for collection and transportation of biomedical waste	The Biomedical Waste generated from this HCE is collected,transported to the CBWTF,treated & disposed of by the IMAGE - CBWTF.												
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	The Biomedical Waste generated from this HCE is collected,transported to the CBWTF,treated & disposed of by the IMAGE - CBWTF.												
	(vi) Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of	IMAGE CBWTF (Indian Medical Association Goes Eco-friendly) Manthuruthi, Kanjikode West, Palakkad – 678623												
	(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													
7	Details trainings conducted on BMW													
	(i) Number of trainings conducted on BMW Management													
	(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													
	(v) whether standard manual for training is available?	Biomedical Waste Management Training Module from the IMAGE-CBWTF												
	(vi) any other information													
8	Details of the accident occurred during the year													
	(i) Number of Accidents													
	(ii) Number of the persons affected occurred													
	(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?													

	Details of Continuous online emission monitoring systems installed	
10	Liquid waste generated and treatment methods in place.	-
	How many times you have not met the standards in a year?	-
11	Is the disinfection method or sterilization meeting the log 4 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)	The Biomedical Waste generated from this HCE is collected,transported to the CBWTF,treated & disposed of by the IMAGE - CBWTF.
Certified that the above report is for the period from 01-01-2022 to 31-12-2022		
Name and Signature of the Head of the Institution		
Date : 31-12-2022		
Place :		