

Date:28/06/25

TO,

The Environmental Engineer

Kerala State Pollution Control Board

Malappuram

Sub: Submission of annual report (form IV)for the year Jan 2024-Dec 2024,under biomedical Waste Management and Handling Rules,

Ref: KSPCB Consent NO.KSPCB/MA/ICO/100031268/2023

Dear Sir,

With reference to the above subject, I herewith submitting details of Form IV(under Biomedical Waste Management and Handling Rules, Annual returns)disposed to KSPCB authorized agency for the year Jan 2024-Dec 2024 of our unit having address Malabar Institute of medical sciences Ltd, Areekode (Aster Mother Hospital,Areekode,Ugrapuram(PO),Perumparamb, Vazhakkad Road,Reekode,Malappuram,Kerala,673639).

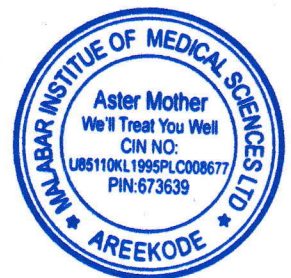
Please Update in your records and acknowledge the same.

Regards,

For Malabar Institute of Medical Sciences Ltd,Areekode



Dr.Sahir Koyappathodika
Deputy Chief of Medical Services
Aster Mother Hospital - Areekode



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)]

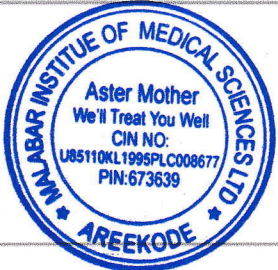
Sl. No.	Particulars	Details	
1	Particulars of the Occupier		
	(i) Name of the authorised person (occupier or operator of facility)	The Director	
	(ii) Name of HCF	MALABAR INSTITUTE OF MEDICAL SCIENCES LTD,AREEKODE (Aster Mother Hospital Areekode) IMAGE CBWTF Aff.No.MPM.1074	
	(iii) Address for Correspondence	Malabar Institute of Medical Sciences Ltd,Areekode Aster Mother Hospital, Areekode, Ugrapuram (PO),Perumparamb Vazhakad Road, Eranad, Malappuram, Kerala, India, Pin - 673639	
	(iv) Address of Facility	Malabar Institute of Medical Sciences Ltd,Areekode Aster Mother Hospital, Areekode, Ugrapuram (PO),Perumparamb Vazhakad Road, Eranad, Malappuram, Kerala, India, Pin - 673639	
	(v) Tel. No,Fax. No	9995967420	
	(vi) E-mail ID	astermother@asterhospital.in	
	(vii) URL of Website		
	(viii) GPS coordinates of HCF or CBMWTF	Latitude - Longitude -	11.2306657 76.0375538
	(ix) Ownership of HCF or CBMWTF	Director	
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	Authorization No: KSPCB/MA/ICO/10031268/2023	Valid up to30-06-2028
	(xi) Status of Consents under Water Act and Air Act	KSPCB/MA/ICO/10031268/2023	Valid up to30-06-2028
2	Type of Health Care Facility		
	(i) Bedded Hospital	Private Hospital (PH)/ No of Beds:145	
	(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, Manthuruthi, 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	20467																																						
	(ii) No of beds covered by CBMWTF	107157																																						
	(iii) Installed treatment and disposal capacity of CBMWTF:	55.8 tonnes per day																																						
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	52.72 tonnes per day																																						
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)(kg/year)	35655.38																																						
		<table border="1"> <thead> <tr> <th>Category</th> <th>Regular(kg)</th> <th>Covid(kg)</th> </tr> </thead> <tbody> <tr> <td>Red Waste (kg/year)</td> <td>13765.71</td> <td>0.00</td> </tr> <tr> <td>Yellow Waste (kg/year)</td> <td>19601.75</td> <td>0.00</td> </tr> <tr> <td>Blue Waste (kg/year)</td> <td>1936.79</td> <td>0.00</td> </tr> <tr> <td>White Waste (kg/year)</td> <td>351.13</td> <td>0.00</td> </tr> </tbody> </table>			Category	Regular(kg)	Covid(kg)	Red Waste (kg/year)	13765.71	0.00	Yellow Waste (kg/year)	19601.75	0.00	Blue Waste (kg/year)	1936.79	0.00	White Waste (kg/year)	351.13	0.00																					
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5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																							
	(i) Details of the on-site storage facility :	Yes																																						
	Size :	320 sqft																																						
	Capacity:	2000 kg																																						
	Provision of on-site storage : (cold storage or any other provision)	Well-ventilated, dedicated storage rooms based on categories in our facility.																																						
	(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 (kg/year)</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Autoclaves</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Microwave</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Hydroclave</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Shredder</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>Nil</td> <td>Nil</td> <td></td> </tr> <tr> <td>Sharps (bottles) Encapsulation or concrete pit</td> <td>Nil</td> <td>Nil</td> <td></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	
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Deep burial pits (Needle)	Nil	Nil												
Chemical disinfection	Nil	Nil												
Any other treatment equipment:	Nil	Nil												
	(iii) Quantity of recyclable waste 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	Yes												
7	Details trainings conducted on BMW													
	(i) Number of trainings conducted on BMW Management	27												
	(ii) number of personnel trained	521												
	(iii) number of personnel trained at the time of induction	45												
	(iv) number of personnel not undergone any training so far	No												
	(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	Nil												
	(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?	NA(We do not have 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.	-Yes ,we have a separate line and collection tank for liquid biomedical waste at STP area, which is treated as per norms and treated using Ultra filtration technique
	How many times you have not met the standards in a year?	-
11	Is the disinfection method or sterilization meeting the log 4 standards?	-Yes
	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 01-01-2024 to 31-12-2024

Name and Signature of the Head of the Institution Date : 31-12-2024 Place : Ugrapuram	 Dr.Sahir Koyappathodika Deputy Chief of Medical Services Aster Mother Hospital - Areekode	
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ASTER MOTHER HOSPITAL AREEKODE BIO-MEDICAL WASTE REPORT (MONTH WISE) IN KGS 2024

SL.NO	Month	Blue Bags		Red Bags		Yellow Bags		Containers/sharps		Total
		Count	Weight	Count	weight	Count	Weight	Count	Weight	
1	JANUARY	2	14.1	1183	1644	1983	1614	1	2.34	3265.2
2	FEBRUARY	29	149.1	887	1320.5	1406	1001.74	9	22.7	2321.24
3	MARCH	73	123.086	1092	973.7	1709	1465.39	66	72.01	2510.662
4	APRIL	37	166.12	1074	985.67	1822	1506.66	11	22.488	2685.038
5	MAY	21	101.34	1182	1111.88	1862	1610.272	8	15.36	2899.6
6	JUNE	39	169.28	1057	147.47	1586	1435.327	12	24.92	2686.91
7	JULY	41	186.76	1072	1173.11	1622	1576.832	13	22.44	2979.42
8	AUGUST	30	144.16	846	943.858	1268	1418.13	9	17.526	2535.91
9	SEPTEMBER	27	121.16	777	830.27	1141	1193.61	9	27.04	2191.02
10	OCTOBER	30	144.6	846	943.858	1268	1418.13	9	17.562	2535.918
11	NOVEMBER	28	115.2	850	1009.93	1127	1485.706	10	30.32	2656.126
12	DECEMBER	51	669.725	762	926.459	1128	1370.863	7	15.595	2489.157

[Signature]

Dr.Sahir Koyappathodika
Deputy Chief of Medical Services
Aster Mother Hospital - Areekode

