

Ref: MIMS/KNR/PCB/2025/06-01

Date : 28-05-2025

To,

The Environmental Engineer,
Kerala State Pollution Control Board - District Office
6th floor Rubco House, South Bazar,
Kannur, Kerala 670002.

Sir,

Sub: Malabar Institute of Medical Sciences Ltd- Kannur: Annual Report, 2024-2025

With reference to the above consent, we are enclosing herewith the Annual Report pertaining to Malabar Institute of Medical Sciences Ltd., Chala East, Chala, Kerala 670 621 including the following forms for the year 2024 - 2025 for your record.

1. Form II - (Annual Report – Rule 10)
2. Form 06 - (E-Waste Manifest)
3. Form 13 - (Annual Report – Rule 20 (5) – Waste Oil/Non Ferrous)
4. Form IV - (Annual Report – Rule 13 – Biomedical Waste Management)
5. Form 10 - (Manifest for Hazardous and Other Waste)

Thanking You,

Yours Truly,

For Malabar Institute of Medical Sciences Ltd.



(Dr. Anoop Nambiar)
Chief Operating Officer

Dr. Anoop Nambiar,
Chief Operating Officer,
Malabar Institute of Medical Sciences Ltd.
Chala East, Chala, Kerala 670 621

Copy to: The Member Secretary, Thiruvananthapuram

Aster MIMS Kannur
Chala East, Chala, Kerala- 670621

T: 0497 283 8000, 0497 283 1000
www.asterhospitals.in



FORM – II
[See rule 10]
ANNUAL REPORT

1. Particulars of the applicant

- i. Name of the authorized person : Dr. Anoop Nambiar
(occupier/operator) Chief Operating Officer
- ii. Name of the Institution : Malabar Institute of Medical Sciences Ltd.
Address : Chala East, Chala, Kannur Kerala - 670621
Tel No. : 0497 2838000
Fax No :

2. Categories of waste generated and quantity
on a monthly average basis : List attached at **Annexure 1**

3. Brief details of the treatment facility : STP available

4. Category wise quantity of waste treated : Details attached at **Annexure 2**

5. Mode of Treatment with details : Details attached at **Annexure 2**

6. Any other information : Disposal of e-waste – Form 6 Attached.

For Malabar Institute of Medical Sciences Ltd.

Certified that the above report is for the period from 01-04-2024 to 31-03-2025

(Dr. Anoop Nambiar)
Chief Operating Officer

Dr. Anoop Nambiar,
Chief Operating Officer,
Malabar Institute of Medical Sciences Ltd.
Chala East, Chala, Kerala 670 621

Place : Kannur

Date : 28-05-2025

CATEGORY_WISE_QUANTITY_OF_BIO_M


ANNEXURE – 2

Malabar Institute of Medical Sciences Ltd. Chala East, Chala, Kerala 670 621.

CATEGORY WISE QUANTITY OF BIO MEDICAL WASTE GENERATED FROM 1st APRIL 2024 - 31st MARCH 2025

Category	Type of Waste	Quantity	Type of Bag/Container	Treatment & Disposal Option
Yellow	Expired or discarded medicines including cytotoxic drugs, items contaminated with cytotoxic drugs along with glass or plastic ampoules, vials etc	102288.538 Kg	Yellow Plastic Bag &	Common BMW Treatment Facility Owned by M/s IMAGE
	Human anatomical waste		Yellow Plastic Container	
	Soiled waste			
	Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs and bags containing residual or discarded blood and blood components			
	Chemical waste (solid/liquid)			
	Microbiology, Biotechnology and other clinical laboratory waste			
	Discarded medicines tablets, Ointments & capsules (No bottles)			
Red	Contaminated plastic waste (Recyclable)	60716.623 Kg	Red Plastic Bag &	
	Tubing's, bottles, intravenous tubes, sets, catheters, urine bags		Red Plastic Container	
	Syringes with out needles			
	Vacutainers with their needles cut			
	Gloves			
White	Sharps waste including metals, needles, syringes with fixed needles from needles tip cutter or burner Scalpels, blades or other contaminated sharp object that may cause puncture and cuts.	1814.838 Kg	White Puncture Proof Container	
Blue	Glassware broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes	10257.638 Kg	Blue Puncture Proof Container	
	Metallic body implants			

For Malabar Institute of Medical Sciences Ltd.



(Dr. Anoop Nambiar)
Chief Operating Officer

QUANTITY_OF_BIO_MEDICAL_WASTE_G

Malabar Institute of Medical Sciences Ltd. Chala East, Chala, Kerala 670 621													ANNEXURE -1
QUANTITY OF BIO MEDICAL WASTE GENERATED ON A MONTHLY BASIS FROM 1 st APRIL 2024 - 31 st MARCH 2025													
CATEGORY	TYPE OF WASTE	APR - 2024	MAY - 2024	JUN - 2024	JUL - 2024	AUG - 2024	SEP - 2024	OCT - 2024	NOV - 2024	DEC - 2024	JAN - 2025	FEB - 2025	MAR - 2025
Yellow	Expired or discarded medicines including cytotoxic drugs, items contaminated with cytotoxic drugs along with glass or plastic ampoules, vials etc	9454.87 Kg	10210.862 Kg	9776.996 Kg	10349.87 Kg	10212.535 Kg	9068.8 Kg	7448.15 Kg	6469.37 Kg	5502.1 Kg	7574.5 Kg	7304.62 Kg	8915.865 Kg
	Human anatomical waste												
	Soiled waste												
	Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs and bags containing residual or discarded blood and blood components												
	Chemical waste (solid/liquid)												
	Microbiology, Biotechnology and other clinical laboratory waste												
	Discarded medicines tablets, Ointments & capsules (No bottles)												
Red	Contaminated plastic waste (Recyclable)	5755.102 Kg	6499.21 Kg	6327.398 Kg	6187.26 Kg	6525.99 Kg	4613.3 Kg	4697.07 Kg	4384.165 Kg	3526.69 Kg	3882.8 Kg	3689.873 Kg	4627.765 Kg
	Tubing's, bottles, intravenous tubes, sets, catheters, urine bags												
	Syringes with out needles												
	Vacutainers with their needles cut												
	Gloves												
White	Sharps waste including metals, needles, syringes with fixed needles from needles tip cutter or burner Scalpels, blades or other contaminated sharp object that may cause puncture and cuts.	138.848 Kg	97.37 Kg	119 Kg	119.71 Kg	133.68 Kg	243.1 Kg	206.62 Kg	181.77 Kg	154.95 Kg	147.96 Kg	93.43 Kg	178.4 Kg
Blue	Glassware broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes	779.4 Kg	784.17 Kg	827.08 Kg	817.11 Kg	978.99 Kg	788.468 Kg	896.45 Kg	1108.21 Kg	767.15 Kg	851.65 Kg	788.15 Kg	870.81 Kg
	Metallic body implants												

For Malabar Institute of Medical Sciences Ltd.

(Dr. Anoop Nambiar)
Chief Operating Officer

Aster MIMS Kannur

BMW -COMMITTEE MEETING MINUTES

Date & Time	22.03.2025 AT 2:00 PM	
Venue	Board Room	
Agenda	1. Review of BMW committee 2. BMW audit report 3. Meeting conclusion	
Chairperson	Dr.Adarsh A – HIC Secretary	
Convener	Dr.Anju Vidyadharan – Infection Control Officer	
Attendees	<div>1.Dr.Anoop Nambiar - Chief Operating Officer</div> <div>2.Dr. Supriya Renjith - Deputy CMS (Sr. Anesthetist)</div> <div>3.Dr.Anju Vidyadharan - Infection Control Officer</div> <div>4. Dr.Adarsh A - HIC secretary</div> <div>4. Ms. Melvi Mathew - Infection Control Nurse</div> <div>5.Mr. Praveen - Supervisor facility & Housekeeping</div> <div>6. Ms. Jewel - Infection Control Nurse</div> <div>7.Mrs.Sheeba Soman - CNO</div> <div>8.Mrs.Muhasina - Asst Manger Quality</div> <div>9.Mr. Shesh - Senior Engineer</div> <div>10.Mr.Aswin - H K SUPERVISOR</div>	
Apologies	Nil	
Quorum Present	YES	
Special Invitees	NONE	

Agenda-1 – Review of BMW committee

- As per NABH requirements, we have resolved to establish a new committee called BMW (Biomedical Waste Management) committee. This committee will convene monthly following the HICC meeting.

Agenda-2 –BMW audit report

ICO presented the BMW surveillance data of March 2025 .

- BMW Surveillance compliance in the month of March : 98%
- Breach in biomedical waste protocol was noted in Labour room and Phase 2.
- Education and awareness were given to labour room doctors and staff.
- Phase 2 staff were also educated regarding BMW management.
- Visit was conducted to BMW end storage area.

Agenda-3- Meeting conclusion

Spot correction and training are given on daily basis during rounds.

Prepared by

Name and Signature of the Committee Convener:


Dr. Anju Vidyadharan



Approved by

Name and Signature of the Chief Operating Officer :

Dr. Anoop Nambiar


For Malabar Institute of Medical Sciences Ltd.
(Dr. Anoop Nambiar)
Chief Operating Officer




FORM – 13
[See rule 20 (5)]

Form for filling Returns of Auction/Sale of Non-Ferrous Metal Wastes/Used Oil/Waste Oil

(To be submitted by waste generators/auctioneers to the concerned State Pollution Control Board/Committee by 31st January of every year)

1	Name and address of the waste generator/auctioneer	:	Malabar Institute of Medical Sciences Ltd. Chala East, Chala, Kerala 670 621.
* 2	Total quantity of wastes auctioned/sold during the period	(i)	Non – ferrous Metal wastes [indicates type and quantity 6 in metric tons along with the name(s) address(s) of registered recycler(s) re-refiner(s)]: -NA-
		(ii)	Used oil/waste oil [indicated type and quantity in metric tons along with the names(s) address(s) of registered recycler(s) re-refiners(s)] (Last year not sold out, less quantity) Used oil 400 Ltrs M/s Cee Jee Lubricants, Edayar, Aluva, Kerala 6835502

For Malabar Institute of Medical Sciences Ltd.


(Dr. Anoop Nambiar)
Chief Operating Officer

Dr. Anoop Nambiar,
Chief Operating Officer,
Malabar Institute of Medical Sciences Ltd.
Chala East, Chala, Kerala 670 621

Place : Kannur

Date : 28-05-2025

FORM 10 [See Rule 19 (1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1	Sender's name and mailing address (including Phone No. and e-mail) :	Malabar Institute of Medical Sciences Ltd. Chala East, Chala, Kerala 670 621 0497 283 8000 mims.kannur@asterhospital.com								
2	Sender's authorisation No. :									
3	Manifest Document No. :									
4	Transporter's Name & Address (including Phone No. and e-mail) :	M/s Cee Jee Lubricants, Edayar, Aluva, Kerala 6835502								
5	Type of Vehicle :									
6	Transporter's Registration No. :									
7	Vehicle Registration No. :									
8	Receiver's name and mailing address (including Phone No. and e-mail) :									
9	Receiver's authorisation No. :									
10	Waste description :									
11	Total Quantity No. of containers :									
12	Physical Form :									
13	Special handling instructions and additional information									
14	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed marked and labelled and are in all respects in proper conditions for transport by road according to applicable national government regulations.								
	Name and Stamp: Signature:	Month Day Year <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>								
15	Transporter's acknowledgement of receipt of Waste Name and Stamp: Signature:	Month Day Year <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>								
16	Receiver's certification for receipt of hazardous and other wastes Name and Stamp: Signature:	Month Day Year <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>								

Copy 1 (White) - To be forwarded by the sender to the State Pollution Control Board after signing all the seven copies

Copy 2 (Yellow) - To be retained by the sender after taking signature on it from the transporter and the rest of the five signed copies to be carried by the transporter

Copy 3 (Pink) - To be retained by the receiver (actual user or treatment storage and disposal facility operator) after receiving the waste and the remaining four copies are to be duly signed by the receiver.

Copy 4 (Orange) To be handed over to the Transporter by the receiver after accepting waste.

Copy 5 (Green) To be sent by the receiver to the State Pollution Control Board.

Copy 6 (Blue) - To be sent by the receiver to the sender.

Copy 7 (Grey) - To be sent by the receiver to the State Pollution Control Board of the sender in case the sender is in another State

FORM IV
(See Rule 13)

ANNUAL REPORT

Sl	Particulars		
1	Particulars of the occupier		
(i)	Name of the authorized person (occupier or operator of facility)	:	Dr. Anoop Nambiar
(ii)	Name of HCF or CBMWTF	:	M/s Malabar Institute of Medical Sciences Ltd.
(iii)	Address for Correspondence	:	Chala East, Chala, Kannur - 670621
(iv)	Address of Facility	:	Chala East, Chala, Kannur - 670621
(v)	Tele.No.	:	0497 283 8000
	Fax.No.	:	-
(vi)	E-mail ID	:	mims.kannur@asterhospital.com
(vii)	URL of website	:	https://www.asterhospitals.in/hospitals/aster-mims-kannur
(viii)	GPS coordinates of HCF or CBMWTF	:	-
(ix)	Ownership of HCF or CBMWTF	:	Limited Company
(x)	Status if Authorization under the Bio - Medical Waster (Management and Handling) Rules	:	Authorization No: IMAGE/ANC/107574/2024-2025. Valid up to 31/03/2025
(xi)	Status of Consents under Water Act and Air Act	:	Authorization No: KSPCB/KN/ICO/10045831/2024 Valid up to 30/11/2028
2	Type of Health Care Facility	:	Multi-Speciality Hospital
(i)	Bedded Hospital	:	No. of beds : 425
(ii)	Non-bedded Hospital (Clinical or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	NA
(iii)	License number and its date of expiry	:	Authorization No: KSPCB/KN/ICO/10045831/2024 Valid up to 30/11/2028 5660/2023-2024/JC3-4088/24 Valid up to 31-03-2025
3	Details of CBMWTF	:	M/s IMAGE - Palakkad
(i)	Number health care facilities covered by CBMWTF	:	19176
(ii)	No. of beds covered by CBMWTF	:	104922
(iii)	Installed treatment and disposal capacity of CBMWTF	:	55.8 Tons/day
(iv)	Quantity of biomedical waste treated or disposed by CBMWTF	:	51.79 Tons/day

4	Quantity of waste generated or disposed in Kg per annum	Yellow Category : 102288.538 kg Red Category : 60716.623 kg White Category : 1814.838 kg Blue Category : 10257.638 kg		
5	Details of the storage, treatment, transportation, processing and Disposal Facility			
(i)	Details of the on-site storage facility	Size : 1270 Sqft. Capacity : -		
(ii)	Details of the treatment or Disposal facilities			
	Type of Treatment equipment	No. of units	Capacity Kg/Day	Quantity treated or disposed on kg per annum
	Incinerators	-		
	Plasma Pyrolysis	-		
	Autoclave	-		
	Microwave	-		
	Hydro Clave	-		
	Shredder	-		
	Needle tip cutter or destroyer	-		
	Sharpeners encapsulation or concrete pit	-		
	Deep burial pits	-		
	Chemical disinfection	-		
	Any other treatment equipment	-		
(iii)	Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum	:	Red Category (like plastic, glass etc.) 60716.623 kgs	
(iv)	No of vehicles used for collection and transportation of bio-medical waste.	:	One vehicle from IMAGE each day.	
(v)	Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	Ash : Nil. ETP Sludge : 90,900 kg (Screw Press)	
	Incineration	Quantity Generated		Where disposed
	Ash			
	TP Sludge			
(vi)	Name of the common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/s IMAGE, BMW	
(vii)	List of member HCF not handed over bio-medical waste.	:	-	
6	Do you have bio-medical waste management committee? If yes, attach	:	Yes.	

	minutes of the meetings held during the reporting period.		Copy of latest minutes of meeting attached as Annexure.
7	Details training conducted on BMW	:	Weekly, Monthly, Orientation on during induction
(i)	Number of trainings conducted on BMW Management	:	23
(ii)	Number of personnel trained	:	676
(iii)	Number of personnel trained at the time of induction	:	454
(iv)	Number of personnel not under gone any training so far	:	Nil. Induction is Compulsory
(v)	Whether standard manual for training is available?	:	Yes Power Point Presentation
(vi)	Any other information	:	Conducting written exam
8	Details of the accident occurred during the year	:	-
(i)	No. 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?	:	-
	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?	:	Yes. Waste Water Treatment Plant (MBR).
11	Is the disinfection method or sterilization meeting the long 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)	:	-

For Malabar Institute of Medical Sciences Ltd.

Certified that the above report is for the period from: 1st April 2024 to 31st March 2025.

Dr. Anoop Nambiar (Anoop Nambiar)
Chief Operating Officer,
Malabar Institute of Medical Sciences Ltd.
Chala East, Chala, Kerala 670 621

Place : Kannur

Date : 28-05-2025

FORM 6
[See Rule 19]

E-WASTE MANIFEST


1	Sender's name and mailing address (including Phone No.) :	Malabar Institute of Medical Sciences Ltd. Chala East, Chala, Kerala 670 621 0497 283 8000						
2	Sender's authorisation No. If applicable :							
3	Manifest Document No. :							
4	Transporter's Name & Address (including Phone No.) :							
5	Type of Vehicle :	(Truck or Tanker or Special Vehicle)						
6	Transporter's Registration No. :							
7	Vehicle Registration No. :							
8	Receiver's name & Address :	M/s Green Worms Waster Management Private Ltd.						
9	Receiver's authorisation No., if Applicable :							
10	Description of E Waste (Item, Weight / Numbers) :							
11	Name and stamp of sender, Manufacturer or Producer or Bulk Consumer or Collection Center or Re furbisher or Dismantler Signature: <table style="float: right; margin-left: 20px;"> <tr> <td style="text-align: center;">Month</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Year</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </table>		Month	Day	Year			
Month	Day	Year						
12	Transporter's acknowledgement of receipt of E-Waste Name and stamp: Signature: <table style="float: right; margin-left: 20px;"> <tr> <td style="text-align: center;">Month</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Year</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </table>		Month	Day	Year			
Month	Day	Year						
13	Receiver'* (Collection Center or Re furbisher or Dismantler or Recycler) Certification of receipt of E-Waster Name and Stamp: Signature: <table style="float: right; margin-left: 20px;"> <tr> <td style="text-align: center;">Month</td> <td style="text-align: center;">Day</td> <td style="text-align: center;">Year</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> <td style="border: 1px solid black; width: 30px; height: 20px;"></td> </tr> </table>		Month	Day	Year			
Month	Day	Year						

Note:-

*As Applicable

Copy Number with Colour Code (1)	Purpose (2)
Copy 1 (Yellow)	To be retained by the sender after taking signature on it from the transporter and other three copies will be carried by transporter.
Copy 2 (Pink)	To be retained the receiver after signature of the transporter.
Copy 3 (Orange)	To be retained by the transporter after taking signature of the receiver.
Copy 4 (Green)	To be returned by the receiver with his/her signature to the sender.

For Malabar Institute of Medical Sciences Ltd.


 (Dr. Anoop Nambiar)
 Chief Operating Officer