

Ref : BMH/ESD/E/005/23

Date: 24-01-2023

To

The Environmental Engineer  
Kerala State Pollution Control Board  
3<sup>rd</sup> Floor, Zamorins Square,  
Link Road, Kozhikode-673 002

Sir,

**Sub : Baby Memorial Hospital, Calicut : Annual Report-2022**

With reference to the above consent, we are enclosing herewith the Annual Report pertaining to Baby Memorial Hospital Ltd., Calicut including the following forms for the year 2022 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)

Thanking you,

Yours truly,

**Lt Col Sunny Thomas(Rtd)**  
**Chief Administrative Officer**

Copy to : The Member Secretary, KSPCB, Thiruvananthapuram

FORM – II  
[See rule 10 ]  
**ANNUAL REPORT**

- 1 Particulars of the applicant
- i) Name of the authorized person (occupier/operator) : Dr. K.G. Alexander, MD  
Chairman & Managing Director
- (ii) Name of the Institution : Baby Memorial Hospital Ltd.  
Address : Indira Gandhi Road, Calicut–673 004  
Tel No. : 0495 2723272  
Fax No : 0495 2723484
- 2 Categories of waste generated and quantity on a monthly average basis : List attached at **Annexure 1**
- 3 Brief details of the treatment facility : ETP 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.

Certified that the above report is for the period from 01-01-2022 to 31-12-2022



**Lt Col Sunny Thomas(Rtd)**  
**Chief Administrative Officer**

Date : 24-01-23  
Place : Kozhikode



**BABY MEMORIAL HOSPITAL LTD**

Annexure-2

**CATEGORY WISE QUANTITY OF BMW GENERATED FROM 1st JAN.2022 TO 31st DEC 2022**

Category	Type Of Waste	Quantity	Type Of Bag/Container	Treatment & Disposal option
Yellow	Human Anatomical waste, Micro-Biology and Laboratory waste, Soiled waste, Discarded Linen, Mattress, Chemical waste & Discarded Medicine.	48322 Kg.	Yellow plastic bag & Yellow plastic container	Common BMW Treatment Facility Owned by M/S IMAGE
Red	Contaminated solid waste (Recyclable )	4827 Kg.	Red plastic bag & Red plastic container	
White	Waste Sharp Metals	1789 Kg.	White puncture proof container	
Blue	Waste Sharp Glassware & Metallic Body Implants	3426 Kg.	Blue puncture proof container	



*(Handwritten Signature)*

**VISWANATHAN THEKKINATH**  
Manager  
Housekeeping

1.	Sender's Name and mailing Address (Including Phone No.):	M/s. Baby Memorial Hospital, I.G. Road. Calicut.
2.	Sender's Authorisation No., if applicable:	-
3.	Manifest Document No.:	109
4.	Transporter's Name and Address (Including Phone No.):	M/s. Sri Lakshmi Transport. Palakkad.
5.	Type of Vehicle:	(Truck or Tanker or Special Vehicle)
6.	Transporter/s Registration No.:	-
7.	Vehicle Registration No.:	KL-10-T-8327
8.	Receiver's Name & Address:	Earth Sense Recycle Private Limited XIII/650, K.Puthur, Kanjikode Post, Palakkad - 678 621, Kerala, Phone : 0491 2566116
9.	Receiver's Authorisation No., if applicable:	PCB/PLKD/14/CO/R3/840/2019.
10.	Description of E-waste (Item Weight / Numbers)	E - Waste = 1157 Kgs. Hazardous Waste = 155 Total = 1312 Kgs.
Name and stamp of sender * Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler		
11.	Signature	Month Day Year 06 - 21 - 2022
Transporter acknowledgment of receipt of E-Wastes		
12.	Name and Stamp:	Month Day Year 06 - 21 - 2022
Receiver * (Collection Centre or Refurbisher or Dismantler or Recyclers Certification of receipt of E - Wastes		
13.	Name and Stamp:	Month Day Year 06 - 21 - 2022

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 retained by the receiver with his/her signature to the sender.



**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 31<sup>st</sup> January of every year)

1	Name and address of the waste generator/auctioneer	:	Baby Memorial Hospital Indira Gandhi Road Kozhikode-673 004
2	Total quantity of wastes auctioned/sold during the period	(i)	Non-ferrous Metal wastes [indicates type and quantity in metric tons along with the names(s) address(s) of registered recycler (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-refiner(s)] (Last year not sold out,less quantity)  Used oil 160 Ltrs,  M/s. APJ REFINERIES PVT LTD. Pudusery Central Village, New Industrial Development Area, (NIDA) Kanjikode, Palakkad 678 621.

\* delete whichever is not applicable



**Lt Col Sunny Thomas(Rtd)**  
Chief Administrative Officer

Place : Kozhikode  
Date : 24-01-2023

**Form IV**  
(See rule 13)

**ANNUAL REPORT**

Sl.	Particulars	
1	(I) Particulars of the occupier	
	(i) Name of the authorized person (occupier or operator of facility)	: Dr. K.G. Alexander
	(ii) Name of HCF or CBMWTF	: M/s Baby Memorial Hospital Ltd.
	(iii) Address for Correspondence	: I G Road, Arayadathupalam Kozhikode – 673 004
	(iv) Address of Facility	: M/s Baby Memorial Hospital Ltd. I G Road, Arayadathupalam, Kozhikode-673 004
	(v) Tel.No.	: 0495 2777777
	Fax.No	: 0495 2723484
	(vi) E-mail ID	: <a href="mailto:info@babymhospital.org">info@babymhospital.org</a> , <a href="mailto:bmhms@babymhospital.org">bmhms@babymhospital.org</a>
	(vii) URL of Website	: <a href="http://www.babymhospital.org">www.babymhospital.org</a>
	(viii) GPS coordinates of HCF or CBMWTF	: —
	(ix) Ownership of HCF or CBMWTF	: Limited Company
	(x) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	: Authorization No: PCB/HO//KKD/ICO-R/03/2019 Valid up to 30/06/2023
	(xi) Status of Consents under Water Act and Air Act	
2	Type of Health Care Facility	: —
	(i) Bedded Hospital	: No. of Beds : 600
	(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.	:	III/63/950/2021-2022- Valid up to 31-03-2026	
3	Details of CBMWTF	:	M/s IMAGE-Palakkad	
	(I) Number healthcare facilities covered by CBMWTF	:	16922	
	(ii) No.of beds covered by CBMWTF	:	105958	
	(iii) Installed treatment and disposal capacity of CBMWTF	:	55.8 Tons/day	
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	55 Tons /day	
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow category : 48322 kgs. (per year) Red category : 4827 kgs (per year) White category : 1789 kgs (per year) Blue category : 3426 kgs (per year) General solid waste : 33134 kgs (per year)	
5	Details of the storage, treatment, transportation, processing and Disposal Facility			
	(i) Details of the on-site storage facility		Size : 300 Sqft.	
			Capacity : 3000 kg	
	(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	92 nos		
	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..)	8000 tons
	(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 - 54750 kg
	Incineration	Quantity generated	Where disposed	
	Ash			
	ETP Sludge	54750 kg	Landfill.	
	(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 minutes of the meetings held during the reporting period.	:	Yes. Copy of latest minutes of the meeting attached as Annexure.	
7	Details trainings conducted on BMW	:	Weekly, Monthly, Orientation on during induction	
	(i) Number of training conducted on BMW Management	:	142	
	(ii) Number of personnel trained	:	1600	
	(iii) Number of personnel trained at the time of induction	:	1760	
	(iv) Number of personnel not undergone any training so far.	:	Nil	

	(v) Whether standard manual for training is available?	:	Yes.
	(vi) Any other information)	:	Conducting written exam.(Qtrly)
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. Nil
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)	:	Nil

Certified that the above report is for the period from : 01-01-2022 to 31-12-2022



**Lt Col Sunny Thomas(Rtd)**  
Chief Administrative Officer

Place : Kozhikode  
Date : 24-01-2023

**Minutes of the Waste Management Committee**

The waste management committee meeting was held at HIC office (A-8314) on 13-10-2022 at 3.00pm

**Chair** – Mr. Viswanathan Thekkinath - Sr. Manager Housekeeping & Laundry

**Members present:**

1. Mr. Santhosh Balakrishnan - Manager QMS
2. Mr. Sinoy.C - Housekeeping Supervisor (Convener)
3. Mrs. Asha Mathew ( Infection Control)

1. **Opening of the meeting:** Meeting was called to order by the Chairman at 3.00 pm who welcomed the members.
2. **Minutes of the previous meeting:** The minutes of the previous meeting was read and passed unanimously by the committee.
3. **Points out of the previous minutes.:** Nil
4. **Points from the Chair:**

There was a needle stick injury reported from C-OT , Bio-medical waste collection staff got needle prick because of the improper segregation, Suggested to conduct more awareness sessions for OT staff .

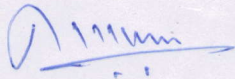
b. Found that CSSD staff misusing the Biohazard bags for carry sterile items this should be strictly avoided.

c. Some renovation work done in the waste storage area Darinage system repaired, separate cabin for paper waste, partition sheet painting work done and provided sufficient lights.

**Points from the members:**

- a. Nurse manager HIC informed that Action taken for Needle stick injury staff already vaccinated and titer value checked and Awareness session taken for OT staff . Also informed that strictly instructed the CSSD staff to avoid misusing biohazard bags.
- b. Convenor Mr. Sinoy Informed that a inspection conducted for Bio-medical waste management with check list and overall functioning found satisfactory

There being no other points the meeting was adjourned at 3.30pm.



**Mr. Vishwanathan.T**  
**Chairman – Waste Management Committee**

