

Baby Memorial Hospital Ltd.

KERALA'S FINEST MULTI-DISCIPLINARY SUPER-SPECIALITY HOSPITAL

(NABH Accredited, ISO 9001:2008 & ISO 14001:2004 Certified Hospital)

CIN: U85110 KL 2009 PLCO 37460 | GSTIN No. : 32AADCB7392J2Z1



Ref : BMH/FMD/E/002/18

Date: 17/01/2018

To
The Member Secretary
Kerala State Pollution Control Board
Plamood, Pattam
Thiruvananthapuram – 695 004

Sir,

Sub : Baby Memorial Hospital, Calicut : Annual Report - 2017

With reference to the above consent, we are enclosing herewith the Annual Report pertaining to Baby Memorial Hospital Ltd., Calicut in Form II, Form 06, Form IV, Form 10, Form 13 for the year 2017 for your record.

Thanking you,

Yours truly,


Vijayakrishnan P.
Asst. General Manager,
Facilities & Bio Medical Engineering

Copy to : The Chief Environmental Engineer

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	: info@babymhospital.org , bmhms@babymhospital.org
	(vii) URL of Website	: www.babymhospital.org
	(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/03/2016 Valid up to 30/06/2018
	(xi) Status of Consents under Water Act and Air Act	: Valid up to : 30/06/2018
2	Type of Health Care Facility	: —
	(i) Bedded Hospital	: No. of Beds : 800
	(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.	: C-III/1/2016 -Renewed up to 31.03.2018

3	Details of CBMWTF		:	IMAGE-Palakkad
	(I) Number healthcare facilities covered by CBMWTF		:	Not known
	(ii) No. of beds covered by CBMWTF		:	—
	(iii) Installed treatment and disposal capacity of CBMWTF		:	—
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		:	—
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)		:	Yellow category : 55858 kg (per year) Red category : 11532 kg (per year) White category : 1316 kg (per year) Blue category : 8327 kg (per year) General Solid waste : 95700 kg (per year)
5	Details of the storage, treatment, transportation, processing and Disposal Facility			
	(i) Details of the on-site storage facility		Size	: 200 Sqft.
			Capacity	: 2500 kg
	(ii) Details of the treatment or Disposal facilities		IMAGE	
	Type of Treatment equipment	No. of units	Capacity Kg/Day	Quantity treated or disposed on kg per annum
	Incinerators	-		
	Plasma Pyrolysis	-		
	Autoclave	-		
	Microwave	-		
	Hydroclave	-		
	Shredder			
	Needle tip cutter or destroyer	80 nos		
	Sharps 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) Nil	
(iv) No of vehicles used for collection and transportation of bio-medical waste.	:	4 Trolleys.	
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	Ash nil. ETP Sludge-60000 kg.	
Incineration	Quantity generated	Where disposed	
Ash			
ETP Sludge	60000 kg	Landfill.	
(vi) Name of the common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	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.	:	No.	
7 Details trainings conducted on BMW	:	Weekly, Monthly, Orientation on during induction	
(I) Number of training conducted on BMW Management	:	70 nos. (01.01.2017 to 31.12.2017)	
(ii) Number of personnel trained	:	1470 nos	
(iii) Number of personnel trained at the time of induction	:	406 nos	
(iv) Number of personnel not under gone 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.	:	—	
(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?	:	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	:	Nil

Certified that the above report is for the period from : 01.01.2017 to 31.12. 2017.



Signature

Vijayakrishnan P.
Asst. General Manager,
Facilities & Bio Medical Engineering

Date : 17/01/2018

Place: Kozhikode

MANIFEST FOR HAZARDOUS AND OTHER WASTE

- 1 Sender's name and mailing address : M/s Baby Memorial Hospital Ltd.
(including Phone No. and e-mail) I G Road, Kozhikode – 673 004
+91495 2777777, 2723272
info@babymhospital.org
- 2 Sender's authorization No. : PCB/HO/KKD/ICO-R/03/2016
- 3 Manifest Document No. : No.122
- 4 Transporters name and address : Earth Sense Recycle Pvt.Ltd
(including Phone no.and e-mail) XIII/650, K.Puthur, Kanjikode Post,
Palakkad-678621, Ph: 0491 2566116
- 5 Type of vehicle : (Truck ✓ /Tanker/Special Vehicle)
- 6 Transporter's registration no. : -
- 7 Vehicle registration No : KL-9-AJ-1803
- 8 Receiver's name and mailing address : Earth Sense Recycle Pvt.Ltd
(including phone no and email) XIII/650, K.Puthur, Kanjikode Post,
Palakkad-678621, Ph: 0491 2566116
- 9 Receiver's authorization No : PCB/PLKD/IC/CO/R2/404/2016
- 10 Waste description : E-Waste Solid
- 11 Total quantity no.of containers : 716 kg.
- 12 Physical form : (Solid ✓ /Semi
Solid/Sludge/oily/Tarry/Slurry/Liquid)
- 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 categorized, packed, marked, and labeled, 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
10 /	10 /	2017

- 15 Transporter acknowledgment of receipt of Wasters

Name and stamp:

Signature :

Month	Day	Year
10 /	10 /	2017

- 16 Receivers certification for receipt of hazardous and other waste

Name and stamp:

Signature :

Month	Day	Year
10 /	10 /	2017

FORM – II
[See rule 10]
ANNUAL REPORT

(Submitted to the prescribed authority by 31 January every year)

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 06** Attached.

Certified that the above report is for the period from 01.01.2017 to 31.12.2017



Signature:

Date : 17/01/2018

Place : Kozhikode

Vijayakrishnan P.
Asst. General Manager,
Facilities & Bio Medical Engineering

Annexure-2

BABY MEMORIAL HOSPITAL LTD.

FROM 01 JAN.2017 TO 31 DEC 2017

CATEGORY WISE QUANTITY OF WASTE TREATED			Type of Bag / Container	Treatment & Disposal option
Category	Type of waste	Quantity	IMAGE	Common facility owned by
Yellow	Human Anatomical Waste in kg.	11630	Yellow Plastic Bag	
Yellow	Micro biology & Biotechnology in kg.	10977	Yellow Plastic Bag	
White	Waste Sharps (Metal) in kg.	1316	White(Translucent)	
Blue	Waste Sharp (Glass) in Kg.	8327	Blue puncture proof container	
Yellow	Discarded Medicines & cytotoxic drugs in kg.	338	Yellow Plastic Bag	
Yellow	Soiled Waste in kg.	21552	Yellow Plastic Bag	
Red	Solid Waste (Recyclable) in kg.	11532	Red Plastic bag	
Yellow	Chemical waste in Kg.	11361	Yellow plastic bag	STP
Yellow	Liquid Waste in Ltr.	9397	Collection Tank	

Signature

VISWANATHAN THEKKINATHI
 Manager
 Housekeeping



BABY MEMORIAL HOSPITAL LTD

Annexure - 1

CATEGORY	TYPE OF WASTE	QUANTITY OF BMW GENERATED ON A MONTHLY BASIS FROM 1 st JAN.2017 TO 31 st DEC 2017											
		JAN'17	FEB'17	MAR'17	APR'17	MAY'17	JUN'17	JUL'17	AUG'17	SEP'17	OCT'17	NOV'17	DEC'17
Yellow	HUMAN WASTE IN KG.	988	871	961	971	961	973	995	997	954	1012	957	990
Yellow	MICRO BIOLOGY IN KG.	935	801	883	875	967	884	905	987	830	1000	944	966
White	SHARP WASTE (METAL) IN KG.	91	91	101	128	116	109	111	112	115	115	118	109
Blue	SHARP WASTE (GLASS) IN KG.	760	660	748	752	750	762	765	749	745	738	747	745
Yellow	DISCARDED MEDI. IN KG.	24	30	32	29	32	30	30	46	46	30	31	28
Yellow	SOILED WASTE IN KG.	1842	1602	1794	1755	1771	1862	1934	1855	1702	1872	1692	1871
Red	SOLID WASTE (Recyclable) IN KG.	984	866	932	898	992	910	998	985	977	1010	981	999
Yellow	LIQUID WASTE IN LTR.	945	937	942	938	947	949	950	955	940	957	952	949
Yellow	CHEMICAL WASTE IN LTR.	847	838	845	842	840	847	849	852	844	855	850	848

Waste category	Method of storage	Method of treatment	Method of disposal
Yellow	Yellow plastic bag	As per schedule I of	Common facility owned
Red	Red plastic bag	BMW rules 2016	by IMAGE
White	White (Translucent)		
Blue	Blue container		
(liquid)	Collection tank	Disinfection	STP



(Signature)

VISWANATHAN THEKKINATH
 Manager
 Housekeeping

E-WASTE MANIFEST

122

1.	Sender's Name and mailing Address (Including Phone No.) :	M/s. Baby Memorial Hospital Calicut.
2.	Sender's Authorisation No., if applicable :	-
3.	Manifest Document No.:	122
4.	Transporter's Name and Address (Including Phone No.) :	Earth Sense Recycle Pvt Ltd.
5.	Type of Vehicle :	(Truck or Tanker or Special Vehicle)
6.	Transporter/s Registration No.:	-
7.	Vehicle Registration No. :	KL-9-AJ-1803.
8.	Receiver's Name & Address :	EarthSenseRecyclePrivate Limited XIII/650, K.Puthur, Kanjikode Post, Palakkad - 678 621, Kerala, Phone : 0491 2566116
9.	Receiver's Authorisation No., if applicable :	PCB/RKD/14/6/R2/404/2016.
10.	Description of E-waste (Item, Weight / Numbers)	E-Waste = 716 Kgs.
Name and stamp of sender * (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler) :		
11.	Signature	Month Day Year 10-10-2017
Transporter acknowledgment of receipt of E-Wastes		
Name and Stamp:		
12.	Signature	Month Day Year 10-10-2017
Receiver * (Collection Centre or Refurbisher or Dismantler or Recyclers Certification of receipt of E - Wastes		
Name and Stamp :		
13.	Signature	Month Day Year 10-10-2017

* As applicable

Note:-

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 31st 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)] Used oil - 280 Ltrs, M/s. APJ REFINERIES PVT LTD. Pudussery Central Village, New Industrial Development Area, (NIDA) Kanjikode, Palakkad 678 621.

* delete whichever is not applicable



Signature:

Vijayakrishnan P.

Asst. General Manager,

Facilities & Bio Medical Engineering

Place : Kozhikode
Date : 17/01/2018

Ref: ESRPL/DEST/2017-18/K019

Date of material procured: 10.10.2017

Address:

M/s, Baby Memorial Hospital,
Indira Gandhi Road,
Arayidathupalam, Kozhikode,
Kerala - 673004.

S.No.	Particulars	Qty in Nos.	Weight in Kgs.
1	IT E-waste	-	580.000
2	Biomedical Equipments	-	31.000
3	Mixed E-waste	-	31.000
4	Tubes and CD	-	74.000
	Total	-	716.000

Date of disposal procedure completed - 26.10.2017

The total quantity recycled 716.000 Kgs.

for Earth Sense Recycle Pvt

for Dr. S. John Robert
CEO