

To:

The Environmental Officer
Karnataka State Pollution Control Board
Regional Office – Bommanahalli,
Nisarga Bhavan, 2nd Floor, Thimmaiah Road,
7th D Cross , Shivanagar,
Rajajinagar, Bangalore – 560010

Dear Sir,

Sub: Submission of Biomedical waste Annual return vide Form – IV for the year 2023

Ref; As per Biomedical waste management Rules

With reference to the above subject, please find the enclosed copy of the Biomedical waste Annual return vide Form – IV for the year 2023 (from Jan - 2023 to Dec – 2023) along with disposal details & others.

Kindly acknowledge of the above and oblige.

Thanking you,

Yours faithfully

For Fortis Hospitals Limited

Authorized Signatory



Fortis
BANNERGHATTA
ROAD

15
YEARS

24*7
EMERGENCY HELP LINE  96860 96860

Form-IV
(See rule-13)
ANNUAL REPORT

To be submitted to the prescribe authority on or before 30th June every year for the period from January to December of the proceeding year by the occupier of health care facility (HCF) or common bio-medical-waste treatment facility(CBMWTF)

S/ No.	Particulars	
1.	Particulars of the Occupier	
	i) Name of the authorized Person (Occupier of : operator of facility)	Mr. Akshay Olety- Business Head
	ii) Name of HCF or CBMWTF	M/s. Fortis Hospital Limited.
	iii) Address of the Correspondence	No.549/9,Opp. IIM, Billekahalli,
	iv) Address of the Facility	Bannerghatta Road,Bengaluru-560076
	v) Tel. No, Fax No.	080-66214444
	vi) E-Mail ID	murali.v@fortishealthcare.com
	vii) URL of Website	www.fortishospital.com
	viii) GPS coordinate of HCF or CBMWTF	----
	ix) Ownership of HCF CBMWTF	(State Government or Private or Semi Govt. or any other) Private
	x) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules.	Authorization No. PCB/SEO(WMC)/BMW/2014-15/3124 Date: 04-08-20222
	xi) Status of the Consent under Water Act and Air Act.	Valid up to: 30-06-2026
2.	Type of Health Care Facility	Multispecialty Hospital
	i) Bedded Hospital	476 beds
	ii) Non Bedded Hospital , laboratory((Clinic or Blood Bank or Clinically or Research Institute or Veterinary Hospital or any other)	NA
	iii) Licence Number & its date of expiry	NA
3	Details of CBMWTF	Maridi Eco Industries Pvt Ltd.
	i) Number of Healthcare facilities covered by CBMWTF	Handled by above mentioned vendor
	ii) Number of beds covered by CBMWTF	----- -----
	iii) installed treatment and disposal capacity of CBMWTF	----- -----
	iv) Quantity of Bio-medical waste treated or disposed by CBMWTF	----- -----

4.	Quantity of waste generated or disposed in Kgs per Annum(on monthly average basis)	Yellow Category : 5488 kg /month Red Category: 7409.5 kg /month White: 334 kg/month Blue: Category: 1478.5 Kg/month General Solid waste: Dry garbage- 10 kg/Month																																																
5.	Details of storage, treatment, transportation, processing and disposal facility																																																	
	On i)Details of the site storage facility	Size: 300 sft																																																
		Capacity: can store up to 490 Kg/day																																																
		Provision of on-site storage: cold storage or any other provision- Separate Room																																																
	Disposal facilities	<table border="1"> <thead> <tr> <th>Type of treatment Equipment</th> <th>No of units</th> <th>cap acity</th> <th>quantity treaed or disposed in kg per day</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Plasma Pyrolysis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Microwave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td></td> <td></td> <td>-----NA-----</td> </tr> <tr> <td>Needle tip cutter or - destroyer</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sharps encapsulation or - concrete pit</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deep burial pits:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Chemical - disinfection:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment Equipment	No of units	cap acity	quantity treaed or disposed in kg per day	Incinerators				Plasma Pyrolysis				Autoclaves				Microwave				Hydroclave				Shredder			-----NA-----	Needle tip cutter or - destroyer				Sharps encapsulation or - concrete pit				Deep burial pits:				Chemical - disinfection:				Any other treatment equipment:			
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	iii Quantity of recyclable wastes : sold to authorized recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc. Handled by CBMWTF																																																
	iv) No of vehicles used for collection : and transportation of biomedical waste	Handled by CBMWTF																																																
	(v) Details of incineration ash and Quantity Where ETP sludge generated and disposed generated disposed during the treatment of wastes in Kg per annum	<table border="1"> <thead> <tr> <th></th> <th>Quantity Generated</th> <th>Where disosat</th> </tr> </thead> <tbody> <tr> <td>Incineration Ash</td> <td></td> <td></td> </tr> <tr> <td>ETP Sludge</td> <td></td> <td></td> </tr> </tbody> </table> <p>Handled by CBMWTF</p>		Quantity Generated	Where disosat	Incineration Ash			ETP Sludge																																									
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	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of		Maridi Eco Industries Pvt Ltd.
	(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.		Monthly 1 trainings
	(ii) number of personnel trained		500 Members
	(iii) number of personnel trained at the time of induction		For all department for new joiners, nurses, housekeeping we conduct training about BMW
	(iv) number of personnel not undergone any training so far		NA
	(v) whether standard manual for training is available		Yes available
	(vi) any other information)		Nil
8	Details of the accident occurred during the year		Nil
	(i) Number of Accidents occurred		Nil
	(ii) Number of the persons affected		Nil
	(iii) Remedial Action taken (Please attach details if any		NA
	(iv) Any Fatality occurred, details.		Nil
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		NA
10	Liquid waste generated and treatment. Methods in place, How many times you have not met the standards in a year		LWTP is provided & well functioning
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) NA

Certified that the above report is for the period from: 01-01-2023 to 31-12-2023

Date: 10-06-2024

Place: Bengaluru


Name and Signature of the Head of the Institution

Annexure-1

M/s. FORTIS HOSPITALS LTD

MONTH WISE GENERATION OF BIO-MEDICAL WASTE FOR THE YEAR 2023

For the period from 01-01-2023 to 31-12-2023

Month & Year	Cat.1,3,5 Yellow in Kg's	Cat.6 (Blue) in Kg's (Glassware)	Cat.7 (Red) in Kg's	Cat.4 (White-PPC) in Kg's
January-2023	5207.94	790.45	6649.55	379.85
February-2023	4428.76	946.58	5565.14	265.96
March-2023	5433.34	1048.58	6316.34	289.69
April-2023	4991.15	1289.38	6852.14	495.28
May-2023	4894.05	1251.58	6143.32	365.43
June-2023	5607.21	1553.11	7903.18	418.26
July-2023	6146.90	1777.45	8704.36	341.04
August-2023	6074.97	1715.48	8452.24	345.89
September-2023	6048.89	1938.93	8131.09	396.41
October-2023	6430.36	1753.05	8485.22	223.73
November-2023	4991.80	1762.43	7609.91	208.98
December-2023	5600.76	1915.95	8101.64	277.06
TOTAL	65856.13 Kg's	17742.95 Kg's	88914.12 Kg's	4007.55 Kg's

