



LettNo.MHB/BMW001/Form-IV/BMW-April/2026

8th April, 2026

To,

The Environmental Officer,
Karnataka State Pollution Control Board,
Bangalore-City East
"Nisarga Bhavan", 3rd Floor,
Timmaiah road, 7th D Cross, Opp Pushpanjali Theatre,
Shivanagar, Bangalore-560 010.

Dear Sir,

Sub: Submission of Biomedical Waste Annual Report for the year January 2025 to December 2025

With reference to the above letter and the subject, we are herewith submitting the Annual report in prescribed Form-IV for Biomedical Waste generated by M/s. Manipal Hospital, Bangalore for the period Jan 2025 to Dec 2025.

Kindly acknowledge the receipt of same.

Thanking you,


Ms. Nayana Pai,
Hospital Director



 **Enclosures:** 1. Annual report in Form-IV and Annexure

2. Accident Report in Form-I

3. Minutes of Biomedical Waste Management Committee Meeting

4. BMW Authorization copy



Manipal Hospital Old Airport Road
#98, Old Airport Road, Kodihalli, Bengaluru 560 017, Karnataka
P 1800 102 3222

Manipal Health Enterprises Pvt. Ltd.
CIN: U85110KA2010PTC052540

Regd. Off. The Annexe, #98/2, Rustom Bagh, HAL Airport Road, Bengaluru 560 017, Karnataka
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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	Description
1	Particulars of the Occupier	Ms Manipal Hospitals, Bangalore
	(i) Name of the authorised person (occupier or operator of facility)	Ms. Nayana Pai, Hospital Director, Manipal Hospitals
	(ii) Name of HCF or CBMWTF	Ms Manipal Hospitals, Bangalore
	(iii) Address for Correspondence	Manipal Hospital, Bangalore No 98, Rustom Bagh, HAL Airport Road, Bangalore – 560 017
	(iv) Address of Facility	Not Applicable
	(v) Tel. No, Fax. No	Tel No: +91 80 4011 9000 Fax No : +91 80 2526 6757
	(vi) E-mail ID	info@manipalhospitals.com
	(vii) URL of Website	https://www.manipalhospitals.com/oldairportroad/bio-medical-report/
	(viii) GPS coordinates of HCF or CBMWTF	--
	(ix) Ownership of HCF or CBMWTF (State Government or Private or Semi Govt. or any other)	Private
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	Authorisation No.: PCB/281/BMW/2021/2178 Dated 12 th Aug 2021, Valid Up to: 30.06.2026
(xi). Status of Consents under Water Act and Air Act	Consent No: AW-326083, Dated:10/08/2021 Valid up to: 30/06/2026	
2	Type of Health Care Facility	Super Speciality Quaternary care hospital
	(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	Authorisation No.: PCB/281/BMW/2021/2178 Dated 12 th Aug 2021, Valid Up to: 30.06.2026



3	Details of CBMWTF	NA																						
	(i) Number healthcare facilities covered by CBMWTF	NA																						
	(ii) No of beds covered by CBMWTF	NA																						
	(iii) Installed treatment and disposal capacity of CBMWTF in Kg/day	NA																						
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF in Kg/day	NA																						
		Total Monthly Average																						
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	<p>Yellow: 12685.54 kg</p> <p>Red: 15740.42 kg</p> <p>White (Sharp Waste): 473.23 kg</p> <p>White with blue colour marking : 2206.45 kg</p>																						
5	(i) Details of the Storage, treatment, transportation, processing and Disposal Facility	Size -NA-																						
	(ii) Details of the on-site storage Facility disposal facilities	<p>Capacity -NA-</p> <p>Provision of on-site storage : (cold storage or any other provision) - NA-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <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</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td rowspan="6" style="text-align: center; vertical-align: middle;">1</td> <td></td> <td></td> </tr> <tr> <td>Plasma Pyrolysis</td> <td></td> <td></td> </tr> <tr> <td>Autoclaves</td> <td></td> <td></td> </tr> <tr> <td>Microwave</td> <td></td> <td></td> </tr> <tr> <td>Hydroclave</td> <td></td> <td></td> </tr> <tr> <td>Shredder</td> <td></td> <td></td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity Kg/day	Quantity Treated or disposed in kg per annum	Incinerators	1			Plasma Pyrolysis			Autoclaves			Microwave			Hydroclave			Shredder	
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Incinerators	1																							
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		Needle tip cutter or destroyer Sharps encapsulation or concrete pit Chemical disinfection Any other treatment equipment:	-NA-								
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc.)	-NA-								
	(iv) No of vehicles used for collection and transportation of biomedical waste		-NA-								
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	<table border="1"> <thead> <tr> <th></th> <th>Quantity generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr> <td>Incineration</td> <td colspan="2" rowspan="3">-NA-</td> </tr> <tr> <td>Ash</td> </tr> <tr> <td>ETP Sludge</td> </tr> </tbody> </table>		Quantity generated	Where disposed	Incineration	-NA-		Ash	ETP Sludge	
	Quantity generated	Where disposed									
Incineration	-NA-										
Ash											
ETP Sludge											
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s. Anu Autoclave & Incin Services (w.e.f April 2018) CBWTF operator for the period January 2025 to December 2025									
	(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 of trainings conducted on BMW										
	(i) Number of trainings conducted on BMW Management		80								
	(ii) number of personnel trained		9166								
	(iii) number of personnel trained at the time of induction		869								
	(iv) number of personnel not undergone any training so far		--								
	(v) Whether standard manual for training is available?	Training through PPT/ class room session- Yes									



	(vi) any other information)	Nil
8	Details of the accident occurred during the year	Nil
	(i) Number of Accidents occurred	
	(ii) Number of 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?	-NA-
	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?	Yes, the treated effluent is well within the limits and Hospital has always met with the required effluent standards.
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	-NA-
12	Any other relevant information (Air Pollution Control Devices attached with the Incinerator)	-NA-

Certified that the above report is for the period from Jan 2025 to Dec 2025.

Date: 08.04.2026

Place: Bangalore

C N Pai
Ms. Nayana Pai

Hospital Director, Manipal Hospital



Name and Signature of the Head of Institution

D. S. S.
(Environmental Engineer)