manipalhospitals



Dt - 02/11/2022

To.

The District Environmental Engineer,

Tamilnadu Pollution Control Board,

Shiva Towers, Meyyanur,

Salem - 4

Dear Sir,

SUB: Annual Report of BMW -2022

Ref: Manipal Hospital - Salem

Please find attached our Annual BMW report for the period from 01/01/2022 to 31/06/2022 for your records.

Request you to please acknowledge the same for our own records.

Regards.

For Manipal Hospitals

GURURAGAVENDRAN.B

Gururagavendran B Hospital Director Manipal Hospital, SALEM. Hospital Director (A Unit of Manipal Health Enterprises Pvt. Ltd)

Manipal Hospital Salem

Dalmia Board, Salem-Bengaluru Highway, Salem 636 012, Tamil Nadu P 0427 234 6600, 0427 234 6666

Manipal Health Enterprises Pvt. Ltd.

CIN: U85110KA2010PTC052540

Regd. Off. The Annexe, #98/2, Rustom Bagh, HAL Airport Road, Bengaluru 560 017, Karnataka P +91 80 4936 0300 | E info@manipalhospitals.com | www.manipalhospitals.com



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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)]

SI. No	Particulars				
	Particulars of the Occupier	:			
	(i) Name of the authorized person (occupier or : operator of facility)	5	Mr. Gururagavendran B		
	(ii) Name of HCF or CBMWTF	:	MANIPAL HOSPITALS		
	(iii) Address for Correspondence	1	Sf.No: 46/1A,46/4A2, Vellakkalpatti Village, Omalur Taluk, Salem District 636012		
	(iv) Address of Facility	:	Sf.No: 46/1A,46/4A2, Vellakkalpatti Village Omalur Taluk, Salem District 636012		
	(v)Tel. No, Fax. No	10	T+91 427 2346 600		
	(vi) E-mail ID	:	adminsalem@manipalhospitals.com		
	(vii) URL of Website		https://salem.manipalhospitals.com/		
	(viii) GPS coordinates of HCF or CBMWTF				
	(ix) Ownership of HCF or CBMWTF	344)	(State Government or Private or Semi Govt. or any other) Private Corporate Hospital		
	(x). Status of Authorization under the Bio- Medical Waste (Management and Handling) Rules		Authorisation No.: BMW-4796 Valid upto: 31/03/2023		
	(xi). Status of Consents under Water Act and Air Act	5	Valid upto: Air - 2109238887837 - 31/3/2027 Water - 2109138887837 - 31/3/2027		
2	Type of Health Care Facility	4	Multi-Specialty		
2	(i) Bedded Hospital	13	No. of Beds: 130		
	(ii) Non-bedded hospital Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	1			
-	(iii) License number and its date of expiry		SALMALL20200014684 - 15/3/2025		
3	Details of CBMWTF	:			
3	(i) Number of health care facilities covered by CBMWTF	10			
	(ii) No. of Beds covered by CBMWTF	1			
	(iii) Installed treatment and disposal capacity of CBMWTF;	ů,	Kg / day		
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	Þ	60_Kg / day		
4	Quantity of waste generated or disposed in	:	Yellow Category: 965 Kgs / Month		
100	Kg per Annum (on monthly average basis)		Red Category: 961 Kgs / Month		
			Blue: 156 Kgs / Month		
			Red Category: 38 cans / Month		
			General Solid Waste: 40 Kgs / Day		

	Facility			(1) Size:1.3/4m*1.1/2m*2.1m, (2) 1.1/2m*1.1/2m*2.1/2m (3) 1.1/2m*1.1/2m*2.1/2m (4) 1/1/2m*1.1/2m*2.1/2m				
				Capacity: (1) 6.5625M3, (2 (4)5.625 M3		1202		
				Provision of on-s		e: (Cold:	storage or	
				any other provision)				
	(ii)	Disposal facilities		Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated o disposed in kg per annum	
				Incinerators				
				Plasma Pyrolysis				
				Autoclaves	02			
				Microwave				
				Hydroclave				
				Shredder				
				Needle tip cutter or	05			
				destroyer				
				Sharps				
				Encapsulation or concrete pit				
				Deep burial pits				
				Chemicaldisinfection	10			
				Any other treatment equipment:				
	(iii)	Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum	2	Red Category (like plastic, glass, etc.) NO				
	(iv)	No. of Vehicles used for collection and transportation of biomedical waste	4					
	(v) Details of incineration ash and ETP sludge generated and				Quantity	()	ere posed	
}		disposed during the treatment of		Incineration				
		wastes in Kg per annum		Ash				
				ETP Sludge				
	(vi)	Name of the Common Bio- Medical Waste Treatment Facility Operator through which wastes are disposed of		Ramky Energy and Environment Ltd. Salem 637 102			72	
	(vii)	List of member HCF not handed over bio-medical waste.						
6	man	ou have bio-medical waste agement committee? If yes, attach utes of the meetings held during the arting period						

7	Details trainings conducted on BMW	Bio Medical Waste Segregation, BMW Transport, BMW Storage, PPE.		
	(i) Number of trainings conducted on BMW Management	30		
	(ii) Number of personnel trained	380		
	(iii) Number of personnel trained at the time of induction	54		
	(iv) Number of personnel not undergone any training so far	NIL		
	(v) Whether standard manual for training is available?	YES		
В	Details of the accident occurred during the year	-		
	(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?	We Have 50 KLD STP		
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)		

Certified that the above report is for the period from 01.01.2022 to 31.06.2022

Name and Signature of the Head of the Institution

GURURAGAVENDRAN. B Hospital Director

Manipal Hospital, SALEM.
(A Unit of Manipal Health Enterprises Pvt. Ltd)

Date: 02-11-2022

Place: Salem

manipalhospitals





To.

The District Environmental Engineer,

Tamilnadu Pollution Control Board,

Shiva Towers, Meyyanur,

Salem - 4

Dear Sir.

SUB: Annual Report of BMW -2022

Ref: Manipal Hospital - Salem

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Please find attached our Annual BMW report for the period from 01/07/2022 to 31/12/2022 for your records.

Request you to please acknowledge the same for our own records.

Regards.

For Manipal Hospitals

Gururagavendran B

Hospital Director

Manipal Hospital Salem

Dalmia Board, Salem-Bengaluru Highway, Salem 636 012, Tamii 120 P 0427 234 6600, 0427 234 6666

Manipal Health Enterprises Pvt, Ltd. CIN: U85110KA2010PTC052540

Regd. Off. The Annexe, #98/2, Rustom Bagh, HAL Airport Road, Bengaluru 500 617, Karnataka P +91 80 4936 0300 | E info@manipalhospitals.com | www.manipalhospitals.com



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)]

SI. No	Particulars		
1	Particulars of the Occupier	1	
	(i) Name of the authorized person (occupier	3	Mr. Gururagavendran B
	or : operator of facility)		
	(ii) Name of HCF or CBMWTF	:	MANIPAL HOSPITALS
	(iii) Address for Correspondence	320	Sf.No: 46/1A,46/4A2, Vellakkalpatti Village Omalur Taluk, Salem District 636012
	(iv) Address of Facility	200	Sf.No: 46/1A,46/4A2, Vellakkalpatti Village. Omalur Taluk, Salem District 636012
	(v)Tel. No, Fax. No	1	T +91 427 2346 600
	(vi) E-mail ID	0	adminsalem@manipalhospitals.com
	(vii) URL of Website	:	https://salem.manipalhospitals.com/
	(viii) GPS coordinates of HCF or CBMWTF	:	The state of the s
	(ix) Ownership of HCF or CBMWTF	1	(State Government or Private or Semi Govt. or any other) Private Corporate Hospital
	(x). Status of Authorization under the Bio- Medical Waste (Management and Handling) Rules		Authorisation No.: BMW-4796 Valid upto: 31/03/2023
	(xi). Status of Consents under Water Act and Air Act	*	Valid upto: Air - 2109238887837 - 31/3/2027 Water - 2109138887837 - 31/3/2027
2	Type of Health Care Facility	:	Multi-Specialty
	(i) Bedded Hospital	1	No. of Beds: 130
	(ii) Non-bedded hospital Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	11	
	(iii) License number and its date of expiry	1	SALMALL20200014684 - 15/3/2025
3	Details of CBMWTF	1	
	(i) Number of health care facilities covered by CBMWTF		
	(ii) No. of Beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF;	1000	Kg / day
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	3	60Kg / day
4	Quantity of waste generated or disposed in	4	Yellow Category: 876 Kgs / Month
	Kg per Annum (on monthly average basis)		Red Category: 756 Kgs / Month
			Blue: 233 Kgs / Month
			White Category: 32 cans /Month
			General Solid Waste: 60 Kgs / Day

	Facility			(1) Size:1.3/4m*1.1/2m*2.1m, (2) 1.1/2m*1.1/2m*2.1/2m (3) 1.1/2m*1.1/2m*2.1/2m (4) 1/1/2m*1.1/2m*2.1/2m				
				(4)5.625 M3		2) 5.625 M3 (3) 5.625 M3		
	FTTS	AND THE PROPERTY OF THE PROPER		Provision of on-site storage: (Cold storage any other provision)				
	(ii)	Disposal facilities		Type of treatment equipment	No of Units	Capacity Kg/day	Quantity Treated o disposed in kg per annum	
				Incinerators				
				Plasma Pyrolysis				
			1	Autoclaves	02			
				Microwave				
				Hydroclave				
				Shredder				
				Needle tip cutter or destroyer	05			
				Sharps				
				Encapsulation				
				or concrete pit	1 1			
				Deep burial pits	_	-		
	1			Chemicaldisinfection	1:			
				Any other treatment equipment:				
	(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in Kg per annum		1	Red Category (like plastic, glass, etc.) NO				
	an	o. of Vehicles used for collection d transportation of biomedical waste	:					
	(v) Details of incineration ash and ETP sludge generated and			Quantity Generated	Whe d disp	ere osed		
	W	isposed during the treatment of vastes in Kg per annum		Incineration				
		astes in kg per annum		Ash				
	(vi) Na	ame of the Common Bio-		ETP Sludge				
	0	Medical Waste Treatment Facility perator through which wastes the disposed of		Ramky Energy and Salem 637 102	Environn	nent Ltd.		
	01	st of member HCF not handed ver bio-medical waste.						
	manager	nave bio-medical waste ment committee? If yes, attach of the meetings held during the g period						

7	Details trainings conducted on BMW	Bio Medical Waste Segregation, BMW Transport, BMW Storage, PPE.		
	(i) Number of trainings conducted on BMW Management	12		
	(ii) Number of personnel trained	220		
	(iii) Number of personnel trained at the time of induction	10		
	(iv) Number of personnel not undergone any training so far	NIL		
	(v) Whether standard manual for training is available?	YES		
8	Details of the accident occurred during the year	-		
	(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?	We Have 50 KLD STP		
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)		

Certified that the above report is for the period from 01.07.2022 to 31.12.2022

Name and Signature of the Head of the Institution

GURURAGAVENDRAN. B
Hospital Director
Manipal Hospital, SALEM.
(A Unit of Manipal Health Enterprises Pvt. Ltd.)

Date: 10-08-2023

Place: Salem