



Date:.....

Date: 24/01/2024

To,  
The Environmental Officer,  
KSPCB, Regional Office, City East,  
3<sup>rd</sup> floor, Nisarga Bhavan,  
Shivanagara, Rajaji Nagara,  
Bengaluru - 560010

Respected Sir / Madam,

**Sub: - Submission of Biomedical waste annual report in Form-IV,**

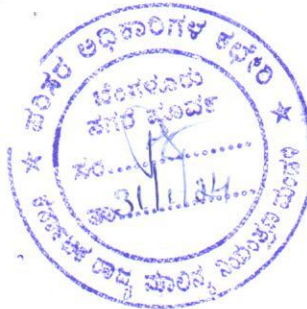
With reference to the above subject, we herewith enclosing the Biomedical waste annual report in Form-IV (See rule-13) towards generation and disposal of biomedical waste for the year 2023 for the period from 01/01/2023 to 31/12/2023. With annexure- 1 as per BMW rules for our unit at No.146 & 147, Infantry Road, Bengaluru-560001.

Kindly acknowledge the receipt of the same.

Thanking You,

For: SPARSH HOSPITAL

Authorized Signatory



**Form-IV**  
(See rule-13)  
**ANNUAL REPORT**

To be submitted to the prescribe authority on or before 30<sup>th</sup> 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)

Sl No.	Particulars	
1.	Particulars of the Occupier	
	i) Name of the authorized Person (Occupier of : operator of facility)	Mr. Siddhant Mathew Muricken Chief Operating Officer
	ii) Name of HCF or CBMWTF	M/s. Sparsh Hospital (A Unit of Shiva & Shiva Orthopaedic Hospital Pvt Ltd.)
	iii) Address of the Correspondence	No.146 & 147, Infantry Road,
	iv) Address of the Facility	Bengaluru-560001
	v) Tel. No, Fax No.	080-61222000
	VI) E-Mail ID	manik.patil@sparshhospital.com
	vii) URL of Website	www.sparshshospital.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.KSPCB/RSEO/BNG-CITY/BMW/ Reg No.168380/19-20/644 Date:02-12-2019 Valid up to :30-06-2029
	xi) Status of the Consent under Water Act and Air Act.	Valid up to: 30-06-2029
2.	Type of Health Care Facility	Super specialty Hospital
	i) Bedded Hospital	200 beds
	ii) Non Bedded Hospital laboratory( Clinic or Blood Bank or Clinically or Research Institute or Veterinary Hospital or any other)	NA
	lii ) Licence Number & its date of expiry	NA
3	Details of CBMWTF	Medicare Environmental Management PvtLtd.
	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 : 1630 kg /month	
		Red Category: 1331 /month	
		White: 9.5 kg/month	
		Blue: Category: 162 Kg/month	
		General Solid waste: Dry garbage- 400 kgs/month	
5.	Details of storage. treatment, transportation, processing and disposal facility		
	On i)Details of the site storage facility	Size: 9 ft.*7.5 ft.	
		Capacity: can store up to 104 kg/day	
		Provision of on-site storage: cold storage or any other provision- Separate Room	
	Disposal facilities	<p>Type of treatment No cap quantity of acity treaded Unit</p> <p>S kg/ disposed Day in kg Per Annum</p> <p>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:</p>	
	iii Quantity of recyclable wastes : sold to authorized recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc.	
	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	<p>Quantity Where Generated disposal</p> <p>Incineration Ash ETP Sludge</p> <p>Handled by CBMWTF</p>	

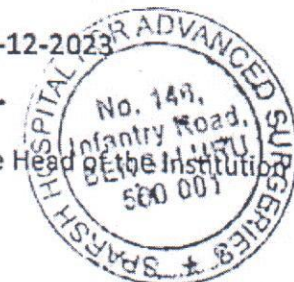
	(vi) Name of the Common Bio- : Medical Waste Treatment Facility Operator through which wastes are disposed of	Medicare Environmental Management Pvt Ltd.
	(vii) List of member HCF not handed over bio-medical waste.	NA
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	Yes we have infection control committee
7.	Details trainings conducted on BMW	Monthly 2 trainings
	(i) Number of trainings conducted on BMW Management.	100 Members
	(ii) number of personnel trained	For all department for new joiners, doctors, nurses & housekeeping we conduct training about BMW at the time of induction
	(iii) number of personnel trained at the time of induction	
	(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 yea	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:

Place: Bengaluru

Name and Signature of the Head of the Institution



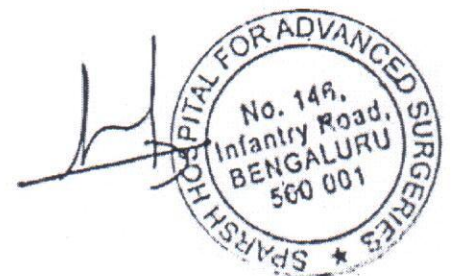
Annexure-1

M/s. Sparsh Hospital- Infantry Road

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

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

Month & Year	Ca.1,3,5 Yellow in Kg's	Cat.6 (Blue) in Kg's (Glass)	Cat.7 (Red) in Kg's	Cat.4 (White-PPC) in Kg's
January-2023	1723.6	177.7	1329.8	16.34
February-2023	1221.8	162.15	996.11	9.8
March-2023	1887	158.8	1552.5	12
April-2023	1649.9	137.2	1381.9	7.3
May-2023	1951.6	178.25	1648.28	6.0
June-2023	2224.29	241.2	1477.64	7.8
July-2023	2209.17	149.26	1701.15	6.7
August-2023	1516.54	160.56	1344.79	6.3
September-2023	1429.33	139.28	1138.89	8.0
October-2023	1409.8	127.38	1085.4	11.8
November-2023	932.20	127.7	1018.5	15.3
December-2023	1405.4	180.8	1297.6	7.2
<b>TOTAL</b>	<b>19560.5 Kg's</b>	<b>1940 Kg's</b>	<b>15972.5 Kg's</b>	<b>114.5 Kg's</b>



**Minutes of Meeting**

**30/11/2023**

**Name of the Committee: Infection Control Committee**

**Date: 30/11/2023**

**Venue: Board room**

**Members Present:**

1. Dr. Jayanth	14. Mr Siddalingayya	26. Mr Ananth
2. Dr. Susan Williams	15. Ms. Uma	27. Ms. Vidyashree
3. Dr. Ashok Kumar	16. Ms Bhavami	28. Mr Kiran Kumar
4. Dr. Preetham	17. Ms Sathya priya	29. Ms Pallavi P T
5. Dr. Mayuri. K.S.	18. Ms Divya	30. Ms Premakuari
6. Dr. Raghunathan	19. Mr. Umesh	
7. Dr. Aishwarya	20. Ms Sadia banu	
8. Dr. Ashwini	21. Ms Jayashree	
9. Dr. Surah kumar K A	22. Ms Sheela	
11. Dr. Priyanka S	23. Ms. Bhavani	
12. Dr. Shabala paul	24. Ms Shiny Augustine	
13. Mr Siddhant Mathew	25. Mr Samuel	

<b>Agenda</b>	<p><b>1. Discussion regarding monthly HAI rates for the month of September 2023</b></p> <p><b>2. Discussion regarding previous minutes of meeting.</b></p> <p><b>3. Discussion on Anti Hbs – Titer for Pre-employment health check-up.</b></p> <p><b>4. Discussion on procurement of H1 N1 vaccine</b></p> <p><b>Other Miscellaneous issues</b></p>		
<b>Points Discussed/Action Point</b>	<b>Responsibility &amp; Date of completion</b>	<b>Outcome</b>	
<p><b>1. HAI indicators for the month of October 2023 were presented (annexure) and discussed at length.</b></p> <p>a) All device associated infection rates are in the acceptable limits.</p> <p>b) To continue monitoring, training and create awareness amongst all HCW regarding the same. Also, to improve adherence to all infection control bundles and practices.</p>	<p><b>All nursing supervisors and ICNs.</b></p> <p><b>Immediate effect.</b></p>		

<p><b>2. Discussion on TLC count raises in ortho patients.</b></p> <p>a) It was decided to do track the TLC count on ortho surgery patients.</p>	<p>Dinesh M ICN</p> <p>Immediate effect</p>	<p>Done</p>
<p><b>3. Discussion on procurement of H1 N1 vaccine.</b></p> <p>a) It was decided to send a mail for approval.</p>	<p>Dinesh M ICN</p> <p>(13/12/2023)</p>	<p>Started Vaccination</p>
<p><b>4. Discussion on Anti Hbs in Pre-employment health checkup.</b></p> <p>a) It was decided to get an approval from the management.</p>	<p>Dinesh M ICN</p> <p>(30/12/2023)</p>	<p>Pending</p>
<p><b>AMS</b></p>		
<p><b>1. Discussion live audit on surgical prophylaxis.</b></p> <p>a) It was discussed and decided to do live audit in Operation Theater.</p>	<p>Dr Aishwarya CP</p> <p>(30/12/2023)</p>	<p>Implemented</p>
<p><b>2. Discussion on review of surgical antibiotic prophylaxis.</b></p> <p>a) It was decided to review.</p>	<p>Dr Aishwarya CP</p> <p>(30/12/2023)</p>	<p>Pending</p>
<p><b>3. Discussion on restricted antibiotic form</b></p> <p>a) It was decided to return restricted antibiotic form within 24 hours.</p>	<p>All the nursing incharges</p> <p>(30/12/2023)</p>	<p>Implemented</p>
<p><b>5. Discussion on CNE for Nurses regarding Antimicrobial Stewardship.</b></p> <p>a) It was decided to schedule a date.</p>	<p>Dr Aishwarya CP</p> <p>(30/12/2023)</p>	<p>Conducted</p>

Signature of Secretary

Signature of Infection Control Officer

**TRAINING ATTENDENCE**

Sl.No	Emp Id	Name	Designation	Department	Location	Sign
39	21301	Daliya Dali Dyon	R/N	ICU	ICU	Dalya
40	20705	Amala Appukuttan	R/N	ICU	ICU	Amala
41	20955	Sonia Dnyan	S/N	ICU	ICU	Sonia
42	21233	AISHA	S/N	1st floor	"	Aisha
43	5037	Lavanya	S/N	1st floor	"	Lavanya
44	21072	Vedha	S/N	1st floor	"	Vedha
45	21318	Ashwini Naik	S/N	2nd floor	"	Ashwini
46	21206	Kavya	S/N	PIW, P.K.I	"	Kavya
47	21168	Divya K.	S/N	NIW	"	Divya
48	21065	Aradhya	S/N	NIW	Infantry	Aradhya
49	21253	Selna Sebastian	R/N	ICU	"	Selna
50	20867	Theetha Sgams R	S/N	First floor	"	Theetha
51	21358	Nayana	R/N	ICU	"	Nayana
52	20088	Shrini	S/N	2nd floor	"	Shrini
53	21007	Leena T.K	S/N	1st floor	"	Leena
54	21151	Harshitha	S/N	NICU	"	Harshitha
55	21096	Ashna	S/N	ER	"	Ashna
56	21310	Posa Mettilla	S/N	E.R	"	Posa
57	21299	Elizabeth Eldho	S/N	Post-op	"	Elizabeth

**Bio Medical Waste Segregation.**

Topic/Title: \_\_\_\_\_

Duration of the Training: 1 hour

Name of the Trainer: Mr. Dinesh

Date: 30/5/2023

Signature of the Trainer: (Signature)



TRAINING ATTENDANCE

Sl.No	Emp Id	Name	Designation	Department	Location	Sign
1	613884	Krishnappa		Housekeeping	2 <sup>nd</sup> floor	KRISHNAPPA
2.		Shafina		"	2 <sup>nd</sup> floor	Shafina
3.		Hani Mercy.		"	"	Hani Mercy
4.		Priya.		"	"	Priya
5.	633132	Pushnath		"	"	Pushnath
6.	613881	Seenu.		"	"	Seenu
7	635667	Dhanush.		"	"	Dhanush
8.	638738	Kaviyarasu		"	"	Kaviyarasu
9	620035	Aminul		"	"	Aminul
10	613892	Uma		"	"	Uma
11	613862	Muntaj.		"	"	Muntaj
12	613906	Heena.		"	"	Heena
13	619562	Shazyai.		"	"	Shazyai
14.	613869	Manush.		"	"	Manush
15.		Heena (wch)		"	"	Heena
16	616353	Priyanka		"	"	Priyanka
17	613888	Mohiuddin		"	"	Mohiuddin
18	613867	Jareena.		"	"	Jareena
19	613857	Noorjahn.		"	"	Noorjahn

Topic/Title: Biomedical waste segregation

Name of the Trainer: M. Anish

Signature of the Trainer: [Signature]

Duration of the Training: 30 min

Date: 28/12/23