



Majitha Verka Bypass Road  
Amritsar 143004 Punjab  
Tel: +91-183-3012222, 6662222

Dated: 03.04.2024

To,

The Environmental Engineer,  
Punjab Pollution Control Board,  
RO Amritsar, Punjab.

Sub – Submission of Annual Bio-Medical waste Report for the Year 2023  
(1.1.2023 to 31.12.2023)

Dear Sir,

Please Find enclosed Annual Bio Medical Waste Report for the year 2023 with enclosures mentioned below.

1. Annual Report - Form IV
2. Accident Report - Form I
3. BMW Committee - Minutes of Meeting
4. Generated Waste Annual Records 2023

With Best Regards

Authorized Signatory



Dr. Vikram Aggarwal – Facility Director  
International Hospitals Limited  
(Fortis Escorts Hospital )  
(Previously Name M/S Escorts Heart & Super Specialty Institute Limited)  
Majitha -Verka Bypass Road , Amritsar -143004 Punjab

**International Hospital Limited**

CIN: U74999HR1994PLC048225

**Registered office:** Fortis Memorial Research Institute, Sector 44, Gurgaon - 122 002 (India)

Tel.: +91-124-438 6666, Fax: +91-124-496 2222

*Chander Bhasin*



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

[To be submitted to the prescribed authority on or before 30<sup>th</sup> 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		
1.	Particulars of the Occupier	:	
	(i) Name of the authorised person (occupier or operator of facility)	:	Dr. Vikram Aggarwal
	(ii) Name of HCF or CBMWTF	:	International Hospital LTD
	(iii) Address for Correspondence	:	Majitha Verka Bypass Road
	(iv) Address of Facility	:	Amritsar - 143004 (PB)
	(v) Tel. No, Fax. No	:	0183-5032222
	(vi) E-mail ID	:	vikram.aggarwal@fortishealthcare.com
	(vii) URL of Website	:	http://cms.fortishealthcare.com
	(viii) GPS coordinates of HCF or CBMWTF	:	CBMWTF
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other) ✓
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: BMW/Renewal/ASR/2023/21553031... valid up to 31/03/2028
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 31/03/2028
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 175
	(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	:	BMW/Renewal/ASR/2023/21553031 [valid upto 31/03/2028]
3.	Details of CBMWTF	:	NA
	(i) Number healthcare facilities covered by CBMWTF	:	
	(ii) No of beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	<del>_____ Kg per day</del>



Chander Sham  
inf



	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	_____ Kg/day																																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) :	Yellow Category : 1391.05 kg Red Category : 3152.31 kg White: 38.10 kg Blue Category : 1362.62 kg General Solid waste: 4436.75 kg																																																
5	Details of the Storage, treatment, transportation, processing and Disposal Facility NA																																																	
	(i) Details of the on-site storage facility :	Size : _____ Capacity : _____ Provision of on-site storage : (cold storage or any other provision) _____																																																
	(ii) Details of the treatment or disposal facilities :	<table border="1"> <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></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></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	Capacity Kg/day	Quantity treated or disposed in kg per annum	Incinerators				Plasma Pyrolysis				Autoclaves				Microwave				Hydroclave				Shredder				Needle tip cutter or destroyer				Sharps encapsulation or concrete pit				Deep burial pits:				Chemical disinfection:				Any other treatment equipment:			
Type of treatment equipment	No of units	Capacity Kg/day	Quantity treated or disposed in kg per annum																																															
Incinerators																																																		
Plasma Pyrolysis																																																		
Autoclaves																																																		
Microwave																																																		
Hydroclave																																																		
Shredder																																																		
Needle tip cutter or destroyer																																																		
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.) —																																																
	(iv) No of vehicles used for collection and transportation of biomedical waste :	—																																																
	(v) Details of incineration ash and ETP sludge generated and disposed :	<table border="1"> <thead> <tr> <th>Quantity generated</th> <th>Where disposed</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Quantity generated	Where disposed																																														
Quantity generated	Where disposed																																																	



Chandel Sharma



	during the treatment of wastes in Kg per annum	Incineration Ash ETP Sludge —
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	M/s Amritsar Enviorcare Systems PVTLD, village Jbban Kalan, chabhal Road, Amritsar 143004
	(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	Yes Bio Medical waste MOM attached
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	225 (on rolls & contractual employees)
	(ii) number of personnel trained	945 Nos.
	(iii) number of personnel trained at the time of induction	332 Nos.
	(iv) number of personnel not undergone any training so far	—
	(v) whether standard manual for training is available?	yes
	(vi) any other information)	
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	NIL
	(ii) Number of the persons affected	NIL
	(iii) Remedial Action taken (Please attach details if any)	NIL
	(iv) Any Fatality occurred, details.	NA
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	Yes
	Details of Continuous online emission monitoring systems installed	Standard Maintained as per norms
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	Yes, treatment methods in place as per norms
11	Is the disinfection method or sterilization meeting the log 4	Standard Maintained as per norms

Chander Singh





	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 31/12/2023 to 31/12/2023

.....  
 .....  
 .....



Name and Signature of the Head of the Institution

Date: 03/04/2024  
 Place Amritsar

*Chander Sham*







## Annexure - 1

- Name of the Hospital - International Hospital Limited (Fortis Escorts Hospital)  
Address of the Hospital - Majitha – Verka Bypass Road, Amritsar – 143001, Punjab.  
Year - 1.1.2023 to 31.12.2023

### Details of Generated Waste, Category Wise (In Kgs)

Month	Year	Yellow- Incineration (Anatomical Waste & Soiled Waste)	Red Autoclave (Infected Plastic Waste)	Blue Autoclave (Glass- Bottles)	White- Sharp	Yellow Cytotoxic- Incineration( Cytotoxic Contaminated Items)
		Weight (in KG's)	Weight (in KG's)	Weight (in KG's)	Weight (in KG's)	Weight (in KG's)
January	2023	1552.87	3087.45	1303.10	35.38	36.69
February	2023	1229.22	3217.17	1422.14	40.81	33.18
March	2023	1438.69	3338.47	1480.50	55.32	22.74
April	2023	1238.27	2968.19	1456.66	48.56	36.51
May	2023	1309.54	2890.76	1354.45	38.36	38.18
June	2023	1395.14	2757.42	1473.02	55.18	7.31
July	2023	1619.54	2686.75	1356.76	45.82	28.05
August	2023	1548.18	2792.58	1445.14	48.26	31.71
September	2023	1551.48	2986.86	1400.70	46.18	51.77
October	2023	1655.01	3053.71	1536.34	55.89	114.05
November	2023	1552.79	2743.54	1443.30	49.16	83.72
December	2023	1612.21	2973.83	1759.95	54.89	66.71
Total		17702.94	35496.73	17432.06	573.81	550.61
Average/Month		<b>1391.0</b>	<b>3152.3</b>	<b>1362.6</b>	<b>38.1</b>	<b>34.9</b>

After generation, segregation, collection & storage of bio-medical waste, handed over to authorized outsourced agency M/S Amritsar Enviorcare Systems (P) Limited, Village Ibban Kalan, Chabhal Road, Amritsar for treatment and disposable norms as per PPCB.

*Chander Sharma*

**International Hospital Limited**

CIN: U74999HR1994PLC048225

Registered office: Fortis Memorial Research Institute, Sector 44, Gurgaon - 122 002 (India)

Tel.: +91-124-438 6666, Fax: +91-124-496 2222





## MINUTES OF MEETING

NAME OF UNIT – Fortis Escorts Hospital Amritsar

NAME OF COMMITTEE: BIOMEDICAL WASTE COMMITTEE

- Date & Time: 10, MARCH, 2023 ( 01:00pm – 1:30 pm)
- Total no. of Members in the committee: 11
- Number of members attended : 10
- Chairman, convener & Mandatory Members present (Yes/No): Yes
- Details of essential members who neither attended nor sent a representative: None
- Agenda circulated prior to meeting (Yes/No): Yes
- Discussion on Action Taken Report on action items / recommendations from previous meeting (Yes/No) :
- Details of action items open from previous meeting:

S NO.	Action Item	Responsibility	Expected Closure Date	Inter dependencies	Current Status
1	Discussed with House keeping head about big containers of sharps for long stylets.	House keeping head , Area in charge. Purchase head.	15 Days	ICN, DCON	On Going
2	BMW mixing in all critical areas.	Area In charge, ICN	2Days	GDA / H.k Supervisor	On going

Details of action items open from previous two meetings: No;

Summary of discussion on reports/ documents of all Agenda items presented

- Visited the outsourced BMW treatment plant at Iban Kalan on 27.02.2022.
- Regarding big containers for sharp items.
- Introduction of new chairman.

Guidelines and responsibilities:

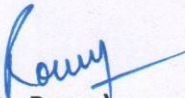
Sr.no.	Action Item	Responsibility	Expected Closure Date	Inter dependencies
1.	BMW mixing found in Some Areas.	Area In charge, ICN, Nursing educator	1 week	On going

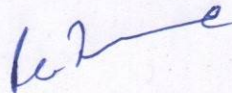


*Chandel Sharma*  
*[Signature]*

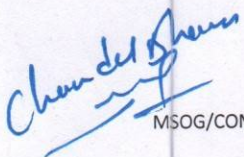


Discussion on Reports / documents of all essential Agenda items presented.- Yes  
Signature of Chairman and Convener

  
(Dr. Romy)  
Chairman

  
(Dr. Rajiv Tiwari)  
Secretary







## MINUTES OF MEETING

NAME OF UNIT – Fortis Escorts Hospital Amritsar

NAME OF COMMITTEE: BIOMEDICAL WASTE COMMITTEE

- Date & Time: 10 September 2023 (01:00pm – 1:30 pm)
- Total no. of Members in the committee:11
- Number of members attended: 10
- Chairman, convener & Mandatory Members present (Yes/No): Yes
- Details of essential members who neither attended nor sent a representative: None
- Agenda circulated prior to meeting (Yes/No): Yes
- Discussion on Action Taken Report on action items / recommendations from previous meeting (Yes/No):
- Details of action items open from previous meeting:

S NO.	Action Item	Responsibility	Expected Closure Date	Current Status
1	BMW mixing in all some areas.	Area In charge, Nursing Educator	1 Week	On going

Details of action items open from previous two meetings: No.

Summary of discussion on reports/ documents of all Agenda items presented.

- Visited the outsourced BMW treatment plant at Iban Kalan on 27.08.2023.
- Regarding big containers for sharp items.
- Introduction of new chairman.



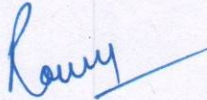
*Chandel Sharma*  
*[Signature]*



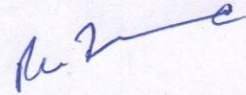
**Guidelines and responsibilities:**

Sr.no.	Action Item	Responsibility	Expected Closure Date	Inter dependencies
1.	Discussed with HK Head for replacement of BMW bins in ward area.	HK Hea, Area In charge, Purchase Head.	25 Days	On going
2.	BMW mixing found in critical Areas.	Area In charge, ICN, Nursing educator	1 week	On going

**Discussion on Reports / documents of all essential Agenda items presented. - Yes**  
**Signature of Chairman and Convener**



**(Dr. Romy )**  
**Chairman**



**(Dr. Rajiv Tiwari )**  
**Secretary**

