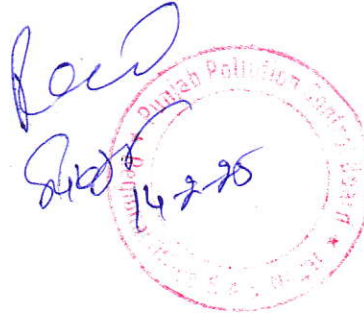


To

Date 13.02.2025

The Environmental Engineer,  
Punjab Pollution Control Board,  
Plot No. 55, Phase 2,  
S. A. S. Nagar (Mohali).



Sub: Submission of Annual Bio-Medical Waste Report FY 2024 (1<sup>st</sup> Jan 2024 to 31<sup>st</sup> Dec 2024)

Dear Sir,

Please find enclosed the Annual Bio-Medical Report for the year 2024 with below mentioned enclosures.

1. Annual Report Form IV
2. Accident Reporting Form 1
3. Annexure -1 for Biomedical waste details month wise for the year 2024
4. Annexure -2 for Needle stick injury details month wise for the year 2024

With Best Regards



Authorized Signatory

For Fortis healthcare Ltd., Mohali



A UNIT OF FORTIS HEALTHCARE LIMITED

Regd. Office : Fortis Hospital, Sector 62, Phase - VIII, Mohali - 160062  
CIN No. : L85110DL1996PLC076704

*Handwritten notes:*  
abc  
↑  
Mandh

**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)	:	ABHIJIT SINGH.
	(ii) Name of HCF or CBMWTF	:	FORTIS HEALTHCARE LTD.
	(iii) Address for Correspondence	:	C/O FORTIS HOSPITAL, SEC-62
	(iv) Address of Facility	:	PHASE 8, SAS NAGAR, MOHALI (PB)
	(v) Tel. No, Fax. No	:	0172-4692222
	(vi) E-mail ID	:	ABHIJIT.SINGH@FORTISHEALTHCARE.COM.
	(vii) URL of Website	:	WWW.FORTISHEALTHCARE.COM
	(viii) GPS coordinates of HCF or CBMWTF	:	NL 30.413832, EL 76.434924
	(ix) Ownership of HCF or CBMWTF	:	(State Government or Private or Semi Govt. or any other) <input checked="" type="checkbox"/>
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: BMW/FRESH/SAS/2024/24429102 .....valid up to 31.12.2023
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 31.03.2026 31.03.2026
2.	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds:..... 375
	(ii) Non-bedded hospital	:	
	(Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	N/A
	(iii) License number and its date of expiry	:	
3.	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	N/A
	(ii) No of beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	N/A Kg per day

*M*

	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:		N/A Kg/day																																						
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category 93089 kg yellow Red Category : 131506 kg. White: 2787 kg. Blue Category : 34948 kg. General Solid waste: 156396 kg kitchen 96812 kg generated																																							
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																									
	(i) Details of the on-site storage facility	:	Size : 450-550 SQF Capacity : 750 kg/day Approx. 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 rowspan="10" style="text-align: center; vertical-align: middle;">/</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> <tr> <td>Needle tip cutter or destroyer</td> <td></td> <td></td> </tr> <tr> <td>Sharps encapsulation or concrete pit</td> <td></td> <td></td> </tr> <tr> <td>Deep burial pits:</td> <td></td> <td></td> </tr> <tr> <td>Chemical disinfection:</td> <td></td> <td></td> </tr> <tr> <td>Any other treatment equipment:</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	:	Quantity generated	Where disposed																																						

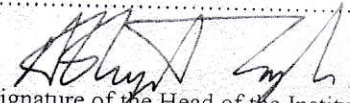
*M*

	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 RAINBOW ENVIRONMENTS PVT. LTD VILL - BALLYALI KALAN, TECH-KHARAR DIST. S.A.S. NAGAR
	(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 MINUTES OF MEETINGS ATTACHED
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	612
	(ii) number of personnel trained	1645
	(iii) number of personnel trained at the time of induction	767
	(iv) number of personnel not undergone any training so far	0
	(v) whether standard manual for training is available?	YES
	(vi) any other information)	—
8	Details of the accident occurred during the year	(MAJOR) NIL
	(i) Number of Accidents occurred	NEEDLE STICK INJURIES 54
	(ii) Number of the persons affected	54 NOS INTERNAL BENCHMARKS.
	(iii) Remedial Action taken (Please attach details if any)	VACCINATION DONE, TRAININGS PROVIDED.
	(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 NIL
	Details of Continuous online emission monitoring systems installed	NIL
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	YES, AIDER STANDARDS AND NORMS
11	Is the disinfection method or sterilization meeting the log 4	YES, DISINFECTED METHOD.

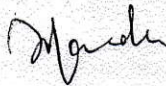
*Handwritten signature*

	standards? How many times you have not met the standards in a year?	AS PER NORMS ARE FOLLOWED
12	Any other relevant information	(Air Pollution Control Devices attached with the Incinerator)

Certified that the above report is for the period from 1<sup>ST</sup> JANUARY 2024 To 31<sup>ST</sup> DECEMBER 2024

  
Name and Signature of the Head of the Institution

Date: 13/02/2025  
Place: MOHALI





# PUNJAB STATE POLLUTION CONTROL BOARD

## Form IV (See Rule 13) ANNUAL REPORT

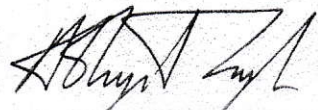
[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier health care facility(HCF), or common bio-medical waste treatment facility (CBWTF)]

Return No : 27938381

Period : 2024

1. Particulars of the Occupier	
(i) Name of the authorized person (Occupier or operator of facility):	Abhijit Singh
(ii) Name of HCF or CBMWTF:	FORTIS HEALTH CARE LTD
(iii) Address for Correspondence:	SECTOR 62, PHASE VIII,
(iv) Address of Facility:	SECTOR 62, PHASE VIII, MOHALI
(v) Tel. No.:	9872305900
(vi) Fax. No.:	0172 - 5096221
(vii) E-mail ID:	neeraj.tandon@fortishealthcare.com
(viii) URL of Website:	www.fortishealthcare.com
(ix) GPS coordinates of HCF of CBMWTF:	NL 30.413 EL 76.43
(x) Ownership of HCF or CBMWTF:	Any Other
(xi) Status of Authorization under the BMW (Management and Handing) Rules:	Authorization No.: BMW/Fresh/SAS/2024/24429102 Valid Upto: 31/03/2026
(xii) Status of Consents under Water Act and Air Act.:	Valid Upto: 31/03/2026
2. Type of Health Care Facility	
HCF/CBMWTF Type:	HCF
(i) No. of Beds(for Bedded Hospital):	375.0
(ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other):	--Select--
(iii) Licence Number:	
(iv) Licence date of expiry:	
3. Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	Yellow Category: 93077 Red Category: 131506 White Category: 2787 Blue Category: 34948 General Solid Waste: 96812
4. Details of the Storage, Treatment, Transportation, Processing and Disposal Facility Details	
(i) Details of the on-site storage facility:	Size: 51 Capacity: 2 Provision of on-site storage:

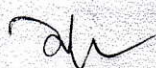
(ii) Disposal Facility:	<table border="1"> <thead> <tr> <th>Type of Treatment Equipment</th> <th>Number of Units</th> <th>Capacity(Kg/day)</th> <th>Quantity Treated or Disposed(Kg/annum)</th> </tr> </thead> <tbody> <tr> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table>				Type of Treatment Equipment	Number of Units	Capacity(Kg/day)	Quantity Treated or Disposed(Kg/annum)	---	---	---	---
Type of Treatment Equipment	Number of Units	Capacity(Kg/day)	Quantity Treated or Disposed(Kg/annum)									
---	---	---	---									
(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum:	0.0											
(iv) No of vehicles used for collection and transportation of BMW:	0010											
(v) Details of incineration, ash and ETP sludge generated, disposal during the treatment of wastes in Kg per annum	<table border="1"> <thead> <tr> <th>Type of waste</th> <th>Quantity Generated</th> <th>Where disposal</th> </tr> </thead> <tbody> <tr> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table>			Type of waste	Quantity Generated	Where disposal	---	---	---			
Type of waste	Quantity Generated	Where disposal										
---	---	---										
(vi) Name of the Common BMW Treatment Facility Operator through which wastes are disposed of:	Rainbow Environments Pvt. Ltd., Mohali											
5. Do you have BMW management committee:	yes											
details:												
6. Training Conducted on BMW Details												
(i) Number of training conducted on BMW Management:	612											
(ii) Number of personnel trained:	1645											
(iii) Number of personnel trained at the time of induction:	767											
(iv) Number of personnel not undergone any training so far:	0											
(v) Whether standard manual for training is available:	yes											
(vi) Any other information:												
7. Details of the accident occurred												
(i) No. of accident occurred:	54											
(ii) Number of the persons affected:	54											
(iii) Remedial Action taken:	Major Injury Nil, Only needle stick injuries, Vaccination done and training provided											
(iv) Any Fatality occurred, details:	NA											
8. Are you meeting the standards of air Pollution from the incinerator?. How many times in last year could not met the standards?:	200											
Details of Continuous online emission monitoring systems installed:	No											
9. Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year:	Yes											
10. Is the disinfection method or sterilization meeting the log for standards? How many times you have not met the standards in a year?:	Yes											
11. Any other relevant information:												



Name and Signature of the Head of the Institution

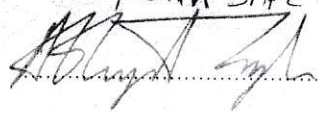
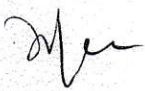
Date :13/02/2025

Place : SAS NAGAR



FORM - I  
[See rule 4(o), 5(i) and 15(2)]

ACCIDENT REPORTING

1. Date and time of accident : NEEDLE STICK INJURY (AS PER ANNEXURE I)
  2. Type of Accident : NEEDLE STICK INJURY
  3. Sequence of events leading to accident : AS PER ANNEXURE II
  4. Has the Authority of been informed immediately: NIL
  5. The type of waste involved in accident : NIL
  6. Assessment of the effects of the accidents on human health and the environment : FOR SAFETY VACCINATION DONE
  7. Emergency measures taken : TRAINING PROVIDED TO ALL HEALTHGIVERS WITH TEST
  8. Steps taken to alleviate the effects of accidents : PROCEDURAL TRAININGS/ TRAINING'S WITH PPE ON SEGRIGATION
  9. Steps taken to prevent the recurrence of such an accident : CONTINUOUS TRAININGS
  10. Does you facility has Emergency Control policy? If yes, give details : HOSPITAL HAS ERT/HAZMAT TEAMS TO DEAL ANY KIND OF EMERGENCY WITH SAFETY & SEC AS PER NORMS.
- Date : 13/02/25
- Place : MOHALI
- Signature : 
- Designation : .....
- 

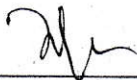
## ANNEXURE - 1

**Name of the Hospital** : Fortis Hospital Limited (Fortis Healthcare Limited)  
**Address of the Hospital** : Mohali- Phase-8, Sector 62, SAS Nagar, Mohali.  
**Year** : 2024

### Details of Category wise, Biomedical Waste. (Kgs.)

Month	Blue Category		Red Category		White Category		Yellow Category		Cytotoxic Category		Covid Wasted	
	Bags	WT (KG)	Bags	WT (KG)	Bags	WT (KG)	Bags	WT (KG)	Bags	WT (KG)	Bags	WT (KG)
Jan-25	283	2559.15	2162	10435.00	142	222.68	1856	6859.07	49	237.53	-	-
Dec-24	312	2806.78	2336	10666.70	132	252.24	2007	7265.40	50	269.27	-	-
Nov-24	286	2483.51	2191	10248.60	81	146.41	1667	6278.95	50	221.65	-	-
Oct-24	290	2618.60	2375	10300.90	107	168.80	2011	7032.71	55	247.49	-	-
Sep-24	335	3026.74	2410	10465.10	164	256.38	2066	7142.09	52	248.03	-	-
Aug-24	311	2814.13	2284	9704.66	146	260.31	2017	7096.79	58	250.62	-	-
Jul-24	319	2866.48	2415	10082.10	119	208.39	2284	7415.30	56	233.89	-	-
Jun-24	310	2806.49	2430	10172.30	140	237.94	2160	7280.14	43	191.78	-	-
May-24	290	2709.84	2522	10712.60	110	186.44	2167	7349.30	59	272.06	-	-
Apr-24	330	2915.96	2304	10247.20	152	256.06	1969	7263.22	50	244.22	-	-
Mar-24	295	2684.98	2328	10230.70	120	186.90	1943	6987.07	52	211.34	-	-
Feb-24	273	2395.62	2064	9408.76	124	204.12	1580	6268.00	49	199.52	-	-
Jan-24	273	2259.22	2061	8831.59	119	200.64	1571	5789.50	49	214.50	5	7.40
<b>Total</b>	<b>3907</b>	<b>34947.50</b>	<b>29882</b>	<b>131506.21</b>	<b>1656</b>	<b>2787.31</b>	<b>25298</b>	<b>90027.54</b>	<b>672</b>	<b>3041.90</b>	<b>5</b>	<b>7.40</b>

After generation, Segregation, Collection & Storage of Bio-Medical Waste, handed over to Authorized outsourced Agency M/s Rainbow Environment Pvt. Ltd., Village Balyali, Mohali for treatment & disposal as per PPCB norms.




A UNIT OF FORTIS HEALTHCARE LIMITED

Regd. Office : Fortis Hospital, Sector 62, Phase - VIII, Mohali - 160062

CIN No. : L85110DL1996PLC076704



## MINUTES OF MEETING

FHM-BMW COMMITTEE-17.12.2024

NAME OF UNIT – Fortis Hospital Mohall

Venue-Board room

NAME OF COMMITTEE: Bio-Medical Waste Committee

1. Date & Time: 17.12.2024 (12pm – 1pm)
2. Total no. of Members present in the meeting: 11
3. Agenda circulated prior to meeting (Yes/No): Yes

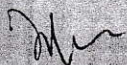
List of Attendees:

1. Dr. Anita Sharma-Infection Control Officer, Lab Head –BMW Chairperson
2. Dr. Apra Kalra
3. Rajesh Sharma- Head Housekeeping
4. Kiranpreet Kaur-ICN
5. Shella Kispotta-ICN
6. Dr. Pooja
7. Promila Deswal-HR
8. Ms. Nikethana R-CON
9. Ms. Joice Thomas
10. Rajbir kaur –OT Manager
11. Jaspreet kaur-Head Admin

### AGENDA

#### New Additions /Concerns

- Unavailability of Hepatitis B vaccine since from end of May 2024.
  - Mandatory Annual trainings on BMW for all Healthcare workers.
  - Increase in the incidence of NSI due to recapping of needles.
  - Poor quality of needle Hub cutters.
  - Mixing in General waste (-0%)
  - BMW segregation update
  - Mutilation of plastic waste compromised in bigger areas.
  - BMW Waste Treatment plant location changed from Bilyali Village to Ludhiana
- Any statutory compliances to be followed in the coming months - Mr. Neeraj to advise



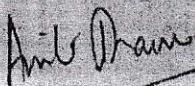
The following major points were discussed and responsibilities and timelines were agreed as in the table below.

S.No.	Issues	Discussion	Responsibility	Expected Closure Date	Remarks
1	General waste mixing observed in Infectious waste bag	Though there was improvement seen in correct BMW segregation, reinforcement required in some areas.	CNO, HK, IC Team	Immediately	<p>1. Nodal person and stakeholders apprised of the situation and training and education to be done on a war footing for next one month and process to be reinforced.</p> <p>2. Before BMW collection/removal from the Clinical area, Housekeeping along with Nursing to have a cross check for any BMW mixing and correction done.</p> <p>3. IC Team to have an oversight and do regular, aggressive audits to check for compliance</p>
2.	Glucose/Saline bottles not found mutilated before disposal	Some gains are present but reinforcement and oversight required.	CNO, HK, IC Team	Immediately	<p>1. Scissors provided in all DU which can be used to damage all saline bottles before discard.</p> <p>2. Before BMW collection/removal from the Clinical area, Housekeeping along with Nursing to have a cross check for any process deviation and</p>


*[Handwritten signature]*

					<p>correction done before transportation</p> <p>3. IC Team to provide training and do regular, aggressive audits to check for compliance and have oversight on the process</p>
3.	Zero tolerance to Needle stick Injury(Recapping)	Area-wise training and also included in Nursing Induction	CNO, IC Team, Area in-charges	ongoing	30-1-2025
4.	Reinforced Vaccination	HR to share new joiners list	HR	ongoing	30-1-2025
5.	Training sessions planned for OPD Staff and Doctors	Sessions started	CNO, IC Team, Area in-charges	ongoing	30-1-2025
6.	Needle Hub cutter quality not good Needle hub cutter need to be replaced	Discussed with the vendor regarding design flaws	Purchase	ongoing	30-1-2025

Signature of Chairman and Secretary

  
Dr. Anita Sharma

(Chairman)

  
Kiranpreet Kaur

(Secretary)



## MINUTES OF MEETING

FHM-BMW COMMITTEE-20.06.2024

NAME OF UNIT – Fortis Hospital Mohali

Venue-Meeting room

NAME OF COMMITTEE: Bio-Medical Waste Committee

1. Date & Time: 20.06.2024 (12pm – 1pm)
2. Total no. of Members present in the meeting: 8
3. Agenda circulated prior to meeting (Yes/No): Yes

List of Attendees:

1. Dr. Anita Sharma-Infection Control Officer, Lab Head –BMW Chairperson
2. Dr. Apra Kalra
3. Neeraj Tandon
4. Ashok Sharma- Housekeeping supervisor
5. Kiranpreet Kaur-ICN
6. Sheila Kispoota-ICN
7. Dr Harmandeep kaur Gill
8. Promilla Deswal-HR

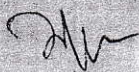
### AGENDA

#### New Additions /Concerns

Unavailability of HepB Vaccine since from end of May2024.

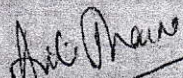
- Mandatory Annual trainings on BMW for all Healthcare workers.
- Increase the incidence of NSI due to recapping of Needles.
- Poor quality of needle Hub cutters.
- Mixing in General waste (10%)
- BMW segregation update.
- Mutilation of Plastic waste compromised in bigger areas.
- BMW Waste Treatment plant location changed from Bilyali Village to Ludhiana-Visit due in august 2024

Any statutory compliances to be followed in the coming months- Mr. Neeraj to apprise

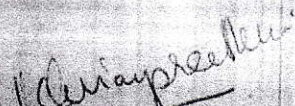


					Housekeeping along with Nursing to have a cross check for any process deviation and correction done before transportation  3. IC Team to provide training and do regular, aggressive audits to check for compliance and have oversight on the process
3.	Disposal of bigger sharps	Bigger sharp containers for bigger sharp instruments were order	Purchase ,HK	closed	30.1.2024
4.	Zero tolerance to Needle stick injury	NSI signature campaign, Link nurses poster on sharp safety, Screen saver, Weely broadcast	CNO, IC Team, Area incharges	ongoing	30-7-2024
5.	Reinforced Vaccination	HR to share new joinees list	HR	ongoing	30-7-2024

Signature of Chairman and Secretary

  
Dr Anita Sharma

(Chairman)

  
Kiranpreet Kaur

(Secretary)

