

Mohali

To

Fortis Hospital
Sector 62, Phase-VIII
Mohali - 160 062
Tel.: 91-172-469-2222, 91-172-502-1222
Fax: 91-172-4692221, 91-172-509-6221
E-mail: contactus.mohali@fortishealthcare.com
Website: www.fortishealthcare.com

Date, 27.01.2023

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

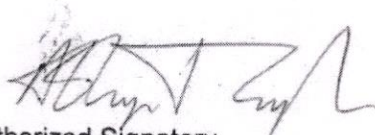
Sub: Submission of Annual Bio-Medical Waste Report FY 2022 (1st Jan 2022 to 31st Dec 2022)

Dear Sir,

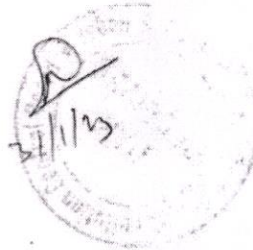
Please find enclosed the Annual Bio-Medical Report for the year 2022 with below mentioned enclosures.

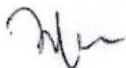
1. Annual Report Form IV
2. Accident Reporting Form 1
3. Annexure -1 for Biomedical waste details month wise for the year 2022
4. Annexure -2 for Needle stick injury details month wise for the year 2022

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

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		
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 HEALTHCARE LTD
	(iii) Address for Correspondence	:	C/O FORTIS HOSPITAL, SECTOR 62
	(iv) Address of Facility	:	PHASE-8, MOHALI, SAS NAGAR (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)
	(x). Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.: BMW/RENEWAL/SAS/2019/9276266 Valid upto: 31.03.2024
	(xi). Status of Consents under Water Act and Air Act	:	Valid upto: 31.03.2023 31.03.2023
2	Type of Health Care Facility	:	
	(i) Bedded Hospital	:	No. of Beds: 360
	(ii) Non-bedded hospital	:	N/A
	Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	:	
	(iii) License number and its date of expiry	:	NA
3	Details of CBMWTF	:	
	(i) Number of health care facilities covered by CBMWTF	:	NA
	(ii) No. of Beds covered by CBMWTF	:	NA
	(iii) Installed treatment and disposal capacity of CBMWTF;	:	NA Kg / day
	(iv) Quantity of bio medical waste treated or disposed by CBMWTF	:	NA Kg / day
4	Quantity of waste generated or disposed in Kg per Annum (on monthly average basis)	:	Yellow Category: 96241.19/ANNUM 8020.10/MONTH Red Category: 127172.34/ANNUM 10597.69/MONTH White: 2166.92/ANNUM 180.58/MONTH Blue Category: 25286.05/ANNUM 2107.17/MONTH General Solid Waste: 11862165/ANNUM 77454 Gen + 41167 KHA (code)
5	Details of the Storage, Treatment, Transportation, Processing and Disposal Facility	:	
	(i) Details of the on-site storage	:	Size: 450-550 SQF

M

	facility	Capacity: 750 kg/day Approx.		
		Provision of on-site storage : (Cold storage or any other provision)		
(ii)	Disposal facilities			Quantity Treated or disposed in kg per annum
		Type of treatment equipment	No of Units	Capacity Kg/day
		Incinerators		
		Plasma Pyrolysis		
		Autoclaves		
		Microwave		
		Hydroclave		
		Shredder		
		Needle tip cutter or destroyer		
		Sharps		NA
		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.) — 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		Quantity Generated	Where disposed
		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 - BALYALI KALAN, TEH - KHARAR DIST. SAS NAGAR (PB)		
(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.		

ML

7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management		178 NOS.
	(ii) Number of personnel trained		1759 NOS.
	(iii) Number of personnel trained at the time of induction		646 NOS.
	(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		MAJOR NIL
	(i) Number of Accidents occurred		NEEDLE STICK INJURIES (26 NOS)
	(ii) Number of persons affected		26 NOS (INTERNAL BENCHMARKS)
	(iii) Remedial Action taken (Please attach details if any)		VACCINATION DONE TRAINING 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, AS PER STANDARDS AND NORMS.
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		YES, DISINFECTION METHOD, 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

..... 31st DECEMBER 2022
 1st JANUARY 2022 TO

Date:

Place: MOHALI

Name and Signature of the Head of the Institution

Abhijit Singh
 Zonal Director
 Fortis Hospital
 Sector-62, Phase-VIII, Mohali

ALC

M

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 2)
2. Type of Accident : NEEDLE STICK INJURY
3. Sequence of events leading to accident : AS PER ANNEXURE 2
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/ TRAININGS 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? HOSPITAL HAS ERT/HAZMAT TEAMS TO DEAL
If yes, give details ANY KIND OF EMERGENCY WITH SAFETY & SECURITY, AS PER NORMS.

Date : 27/01/2023

Signature

Place : Mohali

Designation

Abhijit Singh
Zonal Director
Fortis Hospital
Sector-62, Phase-VIII, Mohali

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 : 2022

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

Category/Date	Green Category		Yellow Category		Cytotoxic Category		Blue Category		White Category	
	Weight	Bags	Weight	Bags	Weight	Bags	Weight	Bags	Weight	Bags
Jan-22	7481.81	1645	6011.44	1701	110.49	25	1356.07	161	99.76	112
Jan-22 (COVID19)	358.3	300	544.6	494	0	-	23.7	17	5.2	6
Feb-22 (COVID19)	294	212	462.3	388	-	-	45.4	9	10.2	8
Feb-22	8289.495	1663	6365.38	1577	119.455	26	1531.685	185	131.075	123
Mar-22 (COVID19)	47.3	30	51.5	33	-	-	5	2	2	2
Mar-22	10203.62	2158	7511.03	1932	126.795	27	2013.51	248	172.41	159
Apr-22	10534.452	2084	7895.904	1813	149.87	36	2467.922	307	158.1	137
May-22	10778.32	2275	7839.28	1889	200.45	56	2236.65	275	206.48	153
Jun-22 (COVID19)	50.65	27	74.3	51	-	-	9	3	4	3
Jun-22	10505.415	2118	7301.644	1654	199.717	56	2042.834	253	174.24	145
Jul-22	11517.51	2496	8703.41	2075	205.76	57	2193.09	255	189.2	154
Jul-22 (COVID19)	96.6	62	106.8	82	-	-	17	8	3.5	5
Aug-22	11772.634	2567	9035.826	2174	244.608	60	2338.702	266	224.906	171
Aug 22 (COVID19)	81.5	64	96.75	71	-	-	19	6	5.3	6
Sep-22	12021.2	2491	8533.973	1796	220.7	52	2580.185	303	197.73	179
Sept-22 (COVID19)	19.7	11	27.5	15	0	-	8	2	2	2
Oct-22 (COVID19)	4	1	3	2	-	-	-	-	-	-
Oct-22	10359.1	2161	8101.39	1727	242.66	54	1985.48	245	181.95	125
Nov-22	11069.74	2265	7423.73	1646	238.34	55	2197.43	256	198.01	134
Dec-22 (COVID19)	9.4	3	8.4	4	-	-	-	-	-	-
Dec-22	11677.59	2201	7840.04	1706	244.15	55	2215.39	272	200.858	155
Total	127172.336	26834	93938.2	22830	2303	559	25286.05	3073	2166.92	1779

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. : LB5110DL1996PLC076704

1 May 22

MINUTES OF MEETING

FHM-BMW COMMITTEE (27 May. 2022)

NAME OF UNIT – Fortis Hospital Mohali

Venue-Board room

NAME OF COMMITTEE: Bio-Medical Waste Committee

1. Date & Time: 27.5.2022 (12pm – 1pm)
2. Total no. of Members present in the meeting: 10
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 Shweta Prabhakar, Head Quality
3. Mrs Madhavi Chikale, CNO
4. Joice Thomas - ACNO
5. Rajesh Sharma- Housekeeping Head
6. Neeraj Tandon – Engineering Head
7. Sheila Kispotta –ICN
8. Kiranpreet Kaur-ICN
9. Dr. Apra Kalra
10. Rajbir kaur-DCON

AGENDA

1. Update on the progress made from the last minutes of meeting.

New Additions /Concerns

- BMW mixing found frequently in all areas.
- Any statutory compliances to be followed in the coming months- Mr. Neeraj to apprise.
- Vaccination status- Ongoing
- Mandatory trainings on BMW- Compliance at FHM and FMC
- Needles are discarded in sharp boxes
- Inside and surface cleaning of waste bins compromised.
- BMW poster needs update as per change in SOP (general waste-green colour to blue)

Mr

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

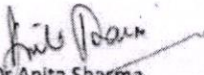
S.No.	Issues	Discussion	Responsibility	Expected Closure Date	Remarks
Issues from previous meeting					
1	TT & HBV Status	Vaccination Registers in the areas to be updated with new joiners and doctors. Chicken pox status to be added.	IC Team/ Nursing Incharges	Ongoing	Chicken Pox vaccination/previous history added to nursing vaccination registers.
2.	Training on Hub Cutters	Re-enforcement/on hands training on Hub cutters	IC Team/ Nursing Incharges	Ongoing	Training ongoing
New Additions/ Concerns					
1	BMW mixing in blue bins	Mask, caps and gloves are being discarded in blue bins. BMW segregation trainings to be reinforced	HK/IC Team/Nsg Incharges	Immediate	Training ongoing

mm

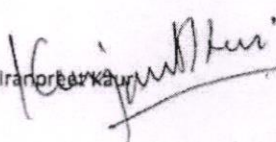
2	Quality of Hub cutters	New Needle hub cutters were available and quality very good	Purchase HOD	closed	All areas used hub cutters.
---	------------------------	---	--------------	--------	-----------------------------

Date and Time of Next Meeting: To be arranged in the month of Nov 2022.

Signature of Chairman and Secretary


Dr Anita Sharma

(Chairman)


Kiranpreet Kaur

(Secretary)

M

FHL Training Attendance Sheet				
Program Name	Program Date	Facilitator	Time	Unit
GWL Committee meeting	27/5/22	IC Team	12:00pm TO 1:00pm	Unit - Board room
S.No	Employee ID	Global ID	Participant Name	Dept/Area
1	10858	11425	Ratesh Sharma	Housekeeping
2	11417	114195	Neha	Admin
3	11160	114195	Tej	Admin
4	16017	180381	M. Anand	BA
5	10082	114245	Rajbir Kaur	DUO
6	20138	809870	Kavita Kishore	IC
7	18576	198410	Kemprajitha	IC
8	-	213216	Madhavi Chikara	Nursing
9	12507	114115	R. Anu Reddy	h. Maint
10	1678	199201	J. S. Ram	Kosme
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				

1 Dec 21

MINUTES OF MEETING

FHM-BMW COMMITTEE (10 Dec. 2021)

NAME OF UNIT – Fortis Hospital Mohali

Venue-Board room

NAME OF COMMITTEE: Bio-Medical Waste Committee

1. Date & Time: 10.12.2021 (2:30pm – 3:30pm)
2. Total no. of Members present in the meeting: 11
3. Agenda circulated prior to meeting (Yes/No): Yes

List of Attendees:

1. Air Marshal Dr R. Ranyal (Medical Director)
2. Dr. Anita Sharma-Infection Control Officer, Lab Head –BMW Chairperson
3. Dr Shweta Prabhakar, Head Quality
4. Mrs Madhavi Chikale, CNO
5. Joice Thomas - ACNO
6. Rajesh Sharma- Housekeeping Head
7. Neeraj Tandon – Engineering Head
8. Sheila Kispotta –ICN
9. Kiranpreet Kaur-ICN
10. Pooja Kumari-ICN
11. Dr. Apra Kalra

AGENDA

1. Update on the progress made from the last minutes of meeting.

New Additions /Concerns

- BMW mixing in blue bins
- Quality of Hub cutters & way forward-under discussion
- Any statutory compliances to be followed in the coming months- Mr Neeraj to apprise.
- Vaccination status-Ongoing
- Mandatory trainings on BMW- Compliance at FHM and FMC

M

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

S.No.	Issues	Discussion	Responsibility	Expected Closure Date	Remarks
Issues from previous meeting					
1	TT & HBV Status	Vaccination Registers in the areas to be updated with new joiners and doctors. Chicken pox status to be added.	IC Team/ Nursing Incharges	Ongoing	Chicken Pox vaccination/previous history added to nursing vaccination registers.
2.	Training on Hub Cutters	Re-enforcement/on hands training on Hub cutters	IC Team/ Nursing Incharges	Ongoing	Training ongoing
New Additions/ Concerns					
1	BMW mixing in blue bins	Mask, caps and gloves are being discarded in blue bins. BMW segregation trainings to be reinforced	HK/IC Team/Nsg Incharges	Immediate	Training ongoing

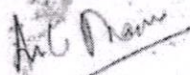
M

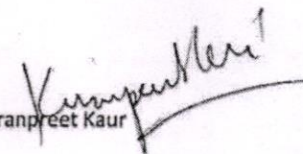
2	Quality of Hub cutters	The blade is getting blunt or broken after a few mutilations rendering it useless. Newer options have to be explored and the same has been informed to the Purchase department	Purchase HOD	July 2021	Still in discussion
3.	Medication trays are not being used frequently	Medication tray usage to be reinforced to advocate safe injection practises and proper BMW segregation.	Nsg Incharges/ICNs	Immediate	ANTT Trays were distributed in all ICU. Point Closed.

Date and Time of Next Meeting: To be arranged in the month of May 2022.

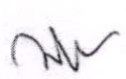
Signature of Chairman and Secretary

Dr Anita Sharma


(Chairman)


Kiranpreet Kaur

(Secretary)



FHL Training Attendance Sheet

Program Name							BMW Committee Meeting						
Program Date							10.12.2021						
Facilitator							T.C. Team						
Time		From		2:30 pm			TO		3:30 pm				
Unit							Board room						
S.No	Employee ID	Global ID	Participant Name	Dept/Area	Feed Back (Rating 5-1)	Signature	S.No	Employee ID	Global ID	Participant Name	Dept/Area	Feed Back (Rating 5-1)	Signature
1		213216	Madhavi Chikhal	Nursing	—	MR	2						
2	10082	114245	Raybr Kumar Sulele	DCNO/Key	—	MR	3		188001	Auto Stame	La med/ICU	—	MR
4	1207	114333	R. Ake	Admin	—	MR	5	18576	198410	Kumar Sulele	IC	—	MR
6	20262	210913	Rajesh	IC	—	MR	7	10858	114250	RAJESH SHARMA	H.K	ok	MR
8	114199	114199	Ashwini Pande	Surgery	—	MR	9	10752					
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													

MR