

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 authorised person (occupier or operator of facility)	:	SHEELA KETAN
	(ii) Name of HCF or CBMWTF	:	Apollo Specialty Hospital
	(iii) Address for Correspondence	:	No : 320, Anna Salai Chennai
	(iv) Address of Facility	:	No : 320, Anna Salai Chennai
	(v) Tel. No, Fax. No	:	044-24329044
	(vi) E-mail ID	:	muthukumaran_b@apollohospiatals.com
	(vii) URL of Website	:	www.apollohospitals.com
	(viii) GPS coordinates of HCF or CBMWTF	:	Latitude;13.033625
	(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: 19BAC25804273 Date:05/08/2019 01/04/2019 valid up to 31/03/2024
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 31/03/2020
2.	Type of Health Care Facility	:	Hospitals
	(i) Bedded Hospital	:	No. of Beds: 290
	(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	:	
	(ii) No of beds covered by CBMWTF	:	290

	(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	:	One vehicle		
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum		Incineration Ash ETP Sludge	Quantity generated nil	Where disposed nil
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	G J Muticlave Pvt Ltd		
	(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 management committee		
7	Details trainings conducted on BMW				
	(i) Number of trainings conducted on BMW Management.				
	(ii) number of personnel trained		150 person		
	(iii) . number of personnel trained at the time of induction		Ongoing process		
	(iv) number of personnel not undergone any training so far		Nil		
	(v) whether standard manual for Training is available?		Yes		
	(vi) any other information)				
8	Details of the accident occurred during the year.		Nil		
	(i) Number of Accidents occurred		Nil		
	(ii) Number of the persons affected		Nil		

	(iii) Installed treatment and disposal capacity of CBMWTF:	:	496 Kg per day										
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	496 Kg/day										
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	<table><tr><td>Yellow Category</td><td>: 92,423 (7701)</td></tr><tr><td>Red Category</td><td>: 75,353 (6279)</td></tr><tr><td>White</td><td>: 1,242 (103)</td></tr><tr><td>Blue Category</td><td>: 12,043 (1003)</td></tr><tr><td>General Solid waste</td><td>: 4,21,504 (35,125)</td></tr></table>	Yellow Category	: 92,423 (7701)	Red Category	: 75,353 (6279)	White	: 1,242 (103)	Blue Category	: 12,043 (1003)	General Solid waste	: 4,21,504 (35,125)
Yellow Category	: 92,423 (7701)												
Red Category	: 75,353 (6279)												
White	: 1,242 (103)												
Blue Category	: 12,043 (1003)												
General Solid waste	: 4,21,504 (35,125)												

5	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage		Size :54 sft x 6 Rooms
			Capacity :
			Provision of on-site storage : (cold storage or any other provision)

	disposal facilities		<table> <tr> <th>Type of treatment equipment</th><th>No of</th><th>Cap acit y</th><th>Quantity treatedo unit r disposed in kg per annum</th></tr> <tr> <td>Incinerators - nil</td><td></td><td></td><td></td></tr> <tr> <td>Plasma Pyrolysis -</td><td></td><td></td><td></td></tr> <tr> <td>Autoclaves nill,</td><td></td><td></td><td></td></tr> <tr> <td>Microwave -nill</td><td></td><td></td><td></td></tr> <tr> <td>Hydroclave -nil</td><td></td><td></td><td></td></tr> <tr> <td>Shredder-nil</td><td></td><td></td><td></td></tr> <tr> <td>Needle tip cutter or Nil</td><td></td><td></td><td></td></tr> <tr> <td>Destroyer-nil</td><td></td><td>-</td><td></td></tr> <tr> <td>Sharps : 1242 KG</td><td></td><td></td><td></td></tr> <tr> <td>encapsulation or-nil</td><td></td><td>-</td><td></td></tr> <tr> <td>concrete pit-nil</td><td></td><td></td><td></td></tr> <tr> <td>Deep burial pits:-nil</td><td></td><td></td><td></td></tr> <tr> <td>Chemical-nil</td><td></td><td></td><td></td></tr> <tr> <td>disinfection:-nil</td><td></td><td>-</td><td></td></tr> <tr> <td>Any other treatment equipment:-nil</td><td></td><td></td><td></td></tr> </table>	Type of treatment equipment	No of	Cap acit y	Quantity treatedo unit r disposed in kg per annum	Incinerators - nil				Plasma Pyrolysis -				Autoclaves nill,				Microwave -nill				Hydroclave -nil				Shredder-nil				Needle tip cutter or Nil				Destroyer-nil		-		Sharps : 1242 KG				encapsulation or-nil		-		concrete pit-nil				Deep burial pits:-nil				Chemical-nil				disinfection:-nil		-		Any other treatment equipment:-nil			
Type of treatment equipment	No of	Cap acit y	Quantity treatedo unit r disposed in kg per annum																																																																
Incinerators - nil																																																																			
Plasma Pyrolysis -																																																																			
Autoclaves nill,																																																																			
Microwave -nill																																																																			
Hydroclave -nil																																																																			
Shredder-nil																																																																			
Needle tip cutter or Nil																																																																			
Destroyer-nil		-																																																																	
Sharps : 1242 KG																																																																			
encapsulation or-nil		-																																																																	
concrete pit-nil																																																																			
Deep burial pits:-nil																																																																			
Chemical-nil																																																																			
disinfection:-nil		-																																																																	
Any other treatment equipment:-nil																																																																			

	trained on the importance of PPE and surprise audit to be done by IC team		
Report on Site visit to G.J.Multiclave	Waste disposal as per TNPCB guidelines is being adhered and the premises is maintained well		
Barcoding of Sharp container and Hub cutters	The revised requirement of barcoding the sharp container and Hub cutters as per the norms of TNPCB was discussed. It was informed by the Head HK that the vendor has been finalized and the process of replacing the existing sharp containers with the barcoded sharp container and Hub cutters is in process.		
Other points :Surprise audit by IC team while loading waste onto the vendor vehicle	Found one BMW staff not wearing the appropriate gloves instead was wearing the surgical gloves. Training to be a regular practice	H.K Supervisor	Immediate

Apollo Speciality Hospital

No 320 Annasalai Teynampet chennai-600035

BMW Annual Report for the period of January 2021 To December 2021

Month	Infectious Waste (Yellow Cover) Category 1,3,6	Clinical Waste (Red Cover) Kg Category 7	Bottle Waste (Blue Cover) Kg Category 4	Sharp Waste (White Cover) Kg	Total Waste kg	Approved Limit kg/Per day	Treatment and disposal Average Per Day	General Waste (Green cover) kg
	Category 1,3,6	Category 7	Category 4					
Jan'21	8275.42	5452.64	920.44	93.9	14742.4	820	476	32103
Feb'21	7092.9	5092.8	775.1	88.4	13049.2	820	466	30932
Mar'21	8298.0	6240.9	1110.3	112.2	15761.4	820	508	36838
Apr'21	8275.9	5835.8	914.0	99.4	15125.1	820	504	35579
May'21	8617.5	5200.9	1218.0	84.2	15120.6	820	488	34321
Jun'21	7148.9	5628.3	856.5	99.0	13732.7	820	458	32216
Jul'21	7821.6	6587.5	1027.4	99.7	15536.2	820	501	36553
Aug'21	7282.6	6494.6	1068.9	111.6	14957.7	820	483	37796
Sep'21	7360.9	7063.3	1014.2	107.5	15545.9	820	518	33427
Oct'21	7224.5	7080.1	1056.4	113.9	15474.9	820	499	37936
Nov'21	7267.0	7025.2	996.7	122.2	15411.1	820	514	33215
Dec'21	7758.0	7651.9	1085.5	110.1	16605.5	820	536	40587
Total	92423.22	75353.94	12043.44	1242.10	181062.70	9840.00	5950.15	421504

APOLLO SPECIALITY HOSPITAL
BIO-MEDICAL WASTE MANAGEMENT COMMITTEE

Date : 15-05-2021

Venue : Telemedicine room

Members present:

Dr.Thilagavathy – AMS

Ms.Maria – GM, Operations

Ms.Mumtaz – Quality System Office

Ms. Muthuram - Nursing Superintendent

Ms.Chandra – Infection Control

Ms.Kalpana – Housekeeping

Mr.Parthasarathy – Housekeeping

Previous meeting points discussed and follow up is being done

Minutes of the meeting

Points discussed	Action to be taken	Responsibility	EDC
Covid protocol for Bio-medical waste management	On-the job training to be done by the Supervisors	HK Supervisors	On-going process
Usage of PPE and reiterated the importance of PPE for HK and PCA staff	Staff to be trained on a regular basis on the importance of PPE and surprise audit to be done by IC team	HK Supervisors	On-going process
Surprise audit of BMW storage rooms by IC team	Storage rooms to be kept under lock and key which was not done in the Clinical Waste room as the boy had taken the key to the floor	HK Supervisor	Immediate

APOLLO CANCER CENTRES, CHENNAI

BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING

Date: 22/12/21

Time: 3 - 4 pm

Members attended:

S.N	NAME	DEPARTMENT	SIGNATURE
1	Mani Thi. Iyer	Operation	Mani Thi. Iyer
2	K. Chandra	Infection Control	Chandra
3	G. Muthuswami	Nursing	G. Muthuswami
4	MUMTAZ TSM	Quality System	Mumtaz
5	Padi Kase	HK	Padi Kase
6	Kalpana M	HK	Kalpana M
7			
8			
9			
10			
11			
12			
13			
14			
15			

APOLLO CANCER CENTRE

BIO-MEDICAL WASTE MANAGEMENT COMMITTEE

Date : 22-12-2021

Venue : B Block Conference room

Members present:

Ms.Maria – General Manager - Operations

Ms.Muthuram - Chief Nursing Officer

Ms.Mumtaz – Quality System Office

Ms.Chandra – Infection Control Nurse

Ms.Kalpana – Housekeeping

Mr.Padikasu – Housekeeping

Previous meeting points discussed and no pending issues.

Minutes of the meeting

Points discussed	Action to be taken	Responsibility	EDC
Needle Stick and Cut Injuries	<ul style="list-style-type: none"> The infection control nurse gave a status of number of injuries – Needle Stick and Cut Injury. There were 5 injuries during handling the BMW. It was suggested that frequent training to be conducted for the staff handling BMW. Regular supervision to be done by the HK Supervisors to ensure adherence to the processes 	Housekeeping and Infection Control	Ongoing
Bio Medical Waste segregation at source	It was brought to the notice by the BMW Supervisor that proper segregation of BMW is not happening in a few areas. Regular training and monitoring to be done	Nursing and IC Team	On-going process
Usage of PPE	The importance of PPE was reinforced by the GM –Operations and it was suggested all staff handling BMW to be regularly	HK Supervisors and reiterated the importance of PPE for HK and PCA staff	On-going process

APOLLO SPECIALITY HOSPITALS, CHENNAI
BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING- 2021

Date: 15.05.2021

Time: 3pm - 4pm Telemedicine Room

Members attended:

S.N	NAME	DEPARTMENT	SIGNATURE
1	Mani Shetty	Operations	Mani Shetty
2	G. Muthuswami	Nursing	G. Muthuswami
3	L. Thilagaratnam	Med Services	L. Thilagaratnam
4	K. Chandra	Nursing / Infectious Control	K. Chandra
5	M. M. TAZ TSM	Quality Systems	M. M. TAZ
6	V. Parthasarathy	House keeping	V. Parthasarathy
7	M. Kalpana	Housekeeping	M. Kalpana
8			
9			
10			
11			
12			
13			
14			
15			