



Kailash Deepak Hospital

Run & Owned by Deepak Gupta Memorial Foundation (Regd.), 5 - Vikas Marg, Karkardooma, East Delhi - 110092

Regd. Office: 88, Poorvi Marg, Vasant Vihar, New Delhi - 110057, Tel: 011- 35 35 35 35

E-mail : info@kailashdeepakhospital.com Website : www.kailashdeepakhospital.com

To,

Dated 08/02/2024

Sr. Env. Engineer, WMC – I
Delhi Pollution Control Committee
Department of Environment,
Govt. of NCT of Delhi,
4th & 5th Floor, ISBT Building,
Kashmere Gate, Delhi – 110006


(ENQUIRY COUNTER)
DELHI POLLUTION CONTROL COMMITTEE
DEPARTMENT OF ENVIRONMENT
GOVT. OF NCT OF DELHI
4TH FLOOR, ISBT BUILDING,
KASHMERE GATE, DELHI-110006

O/C

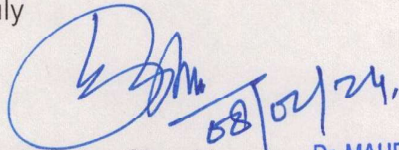
Subject: - Submission of “Annual Report” of Bio – Medical Waste of Kailash Deepak Hospital, 5 & 6, Institutional Area, Vikas Marg Extn. – II, Delhi - 110092

Sir,

Please find enclosed herewith Bio – Medical Waste “Annual Report” of Kailash Deepak Hospital, 5 & 6, Institutional Area, Vikas Marg Extn. – II, Delhi - 110092.

This is for your information and record.

Thanking You,
Yours truly

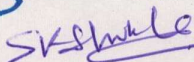

58/02/24.

Dr. Mahesh Babu Shankhwar
Medical Superintendent
Kailash Deepak Hospital

Dr. MAHESH BABU SHANKHWAR
M.B.B.S., M.S. (Orthopaedics)
Medical Superintendent
Reg. No. DMC-56063
Kailash Deepak Hospital, Delhi



Associated with **Kailash Group of Hospitals**



2/14

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)	:	Dr. Mahesh B. Shankhwar Medical Superintendent
	(ii) Name of HCF or CBMWTF	:	Kailash Deepak Hospital
	(iii) Address for Correspondence	:	5 and 6, Institutional Area, Vikas Marg Extn., Delhi-110042
	(iv) Address of Facility	:	" "
	(v) Tel. No, Fax. No	:	9711700426, 011-35353535
	(vi) E-mail ID	:	account@kailashdeepakhospital.com
	(vii) URL of Website	:	https://www.kailashdeepakhospital.com
	(viii) GPS coordinates of HCF or 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.: DPCC/(11)(5)(01)/2022/BMW/ NST/AUTH/211255234valid up to 06/05/2027
	(xi). Status of Consents under Water Act and Air Act	:	Valid up to: 06/05/2027
2.	Type of Health Care Facility	:	MULTISPECIALITY HOSPITAL
	(i) Bedded Hospital	:	No. of Beds:.....150
	(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	:	DHS/NH/1655, 31/03/2025
3.	Details of CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	
	(ii) No of beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	_____ Kg per day

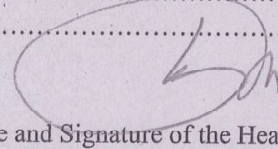
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	_____ Kg/day																																																
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis) :	<table border="1"> <tr> <td>Yellow Category</td> <td>: 12703.05 kg</td> </tr> <tr> <td>Red Category</td> <td>: 13566.35 kg</td> </tr> <tr> <td>White:</td> <td>251.51 kg</td> </tr> <tr> <td>Blue Category</td> <td>: 3753.65 kg</td> </tr> <tr> <td>General Solid waste:</td> <td></td> </tr> </table>	Yellow Category	: 12703.05 kg	Red Category	: 13566.35 kg	White:	251.51 kg	Blue Category	: 3753.65 kg	General Solid waste:																																							
Yellow Category	: 12703.05 kg																																																	
Red Category	: 13566.35 kg																																																	
White:	251.51 kg																																																	
Blue Category	: 3753.65 kg																																																	
General Solid waste:																																																		
5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																	
	(i) Details of the on-site storage facility :	<table border="1"> <tr> <td>Size</td> <td>:</td> </tr> <tr> <td>Capacity</td> <td>:</td> </tr> <tr> <td>Provision of on-site storage</td> <td>: (cold storage or any other provision)</td> </tr> </table>	Size	:	Capacity	:	Provision of on-site storage	: (cold storage or any other provision)																																										
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"> <tr> <th>Quantity generated</th> <th>Where disposed</th> </tr> <tr> <td></td> <td></td> </tr> </table>	Quantity generated	Where disposed																																														
Quantity generated	Where disposed																																																	

	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 SMS WATER GRACE BMW 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 MOM attached
7	Details trainings conducted on BMW	
	(i) Number of trainings conducted on BMW Management.	64
	(ii) number of personnel trained	-
	(iii) number of personnel trained at the time of induction	-
	(iv) number of personnel not undergone any training so far	-
	(v) whether standard manual for training is available?	Yes, Bio-medical Waste Management Policy
	(vi) any other information	
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	-
	(ii) Number of the persons affected	-
	(iii) Remedial Action taken (Please attach details if any)	-
	(iv) Any Fatality occurred, details.	-
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	
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	
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)

Certified that the above report is for the period from

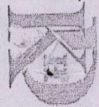
..... January 2023 to December 2023

 08/02/24

Name and Signature of the Head of the Institution

Date:
Place

Dr. MAHESH BABU SHANKHWAR
M.B.B.S., M.S. (Orthopaedics)
Medical Superintendent
Reg. No. DMC-56063
Kailash Deepak Hospital, Delhi



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

KDH/BMM/MOM-03

Venue: First floor Conference Room

Meeting held on: 27th December 2023, at: 01:30 PM

Attendees

S. No.	Name	Designation
1	Dr. M. B. Shankhwar	Chair - Person
2	Dr. Sangita Singh	Member
3	Dr. Daisy Sharma	I.C.O.
4	Dr. Deepika Narang	Member
5	Ms. Geeta Rath	Member
6	Mr. Arpit Kumar	I.C.N.
7	Mr. S. K. Shukla	Member
8	Ms. Leena	Member

6/14



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

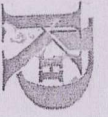
KDH/BMW/MOM-03

Venue: First floor Conference Room

Meeting held on: 27th December 2023, at: 01:30 PM

A Brief Introduction of the Waste Management Committee was done by Dr. Daisy Sharma

S. No.	Activity/ Point Discussed	Actionable Item	Responsibility	Time Line
1.	Review of MOM of previous biomedical waste management meeting.	—		
2.	Brief description on life cycle of waste was discussed which included waste generation, segregation, discarding of waste as per latest Biomedical Waste rules.			
3.	Data of the waste collected per month was presented.			



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

KDHBMW/MOM-03

Venue: First floor Conference Room

Meeting held on: 27th December 2023, at 01:30 PM

4.	Biomedical waste protocol in Blood Centre:	All reactive blood bags for HHH shall be autoclaved in the Blood Centre itself and then sent to central biomedical waste storage area.	Blood center In-charge	Ongoing
5.	Vaccination of BMW handlers	It was decided to vaccinate all staff handling biomedical waste with 3 doses of hepatitis B vaccine and injection TT as there has been joining of new staff	HR	1 month
6.	Proper transport of BMW to central storage area.	Biomedical waste should be transported from the various areas of the hospital to the central storage area through a dedicated lift which should be cleaned with 1% sodium hypochlorite after use.	Housekeeping	With immediate effect
7.	Covid Waste	Covid waste segregation and transport should be in double layered bins clearly labelled as COVID waste	Housekeeping	Ongoing
8.	Disposal of IV bottles	While discarding IV bottles, the leftover fluid in bottles should be drained off in the sink with connection to ETP before discarding the bottle in red bin.	DNS	With immediate effect

Prepared By:

Mr. Arpit Kumar
Infection Control Nurse

Approved By:

Dr. Daisy Sharma
Microbiologist and Infection Control Officer



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

KDH/BMW/MOM-03

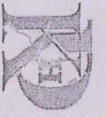
9/14

Venue: First floor Conference Room

Meeting held on: 27th December 2023, at 01:30 PM

ACTION TAKEN REPORT OF BMW MEETING OF MAY 2023

S. No.	Activity/ Point Discussed	Actionable Item	Responsibility	Time Line	Closure Status
1	Review of MOM of previous biomedical waste management meeting.	—			
2.	Brief description on life cycle of waste was discussed which included waste generation, segregation, discarding of waste as per latest Biomedical Waste rules.	—			
3.	Data of the waste collected per month was presented.				
4.	Visit to CBWTF.	Details were shared of the visit to CBWTF (SMS WATER GRACE) on 30 th November 2022			
5.	Annual Report of BMW.	It was brought to notice that the Annual Report Information on Bio-medical Waste Management has been submitted to DPC& and the same is also available at the hospital website.			



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

KD/HBMW/MOM-03

Venue: First floor Conference Room

Meeting held on: 27th December 2023, at: 01:30 PM

6.	Bio- Medical waste bags	As per Government guidelines, we are using biomedical waste disposal bags of thickness 120 microns (earlier 75 microns)	Infection control team, Housekeeping	Ongoing	Ongoing
7.	Foot operated Biomedical waste bins	It was decided to use foot operated bins for biomedical waste disposal and the same have been approved and indented	Infection control team, Housekeeping	Ongoing	Ongoing
8.	Waste disposal in cardboard box with blue label	While breaking glass ampoules on top of cardboard box with blue marking, the glass pieces should not scatter outside the box. This increases the chance of needle stick injury to health care staff. It was decided to use ampoule cutter file to prevent glass pieces from scattering.	DNS, Central store	2 weeks	In process
9.	Vaccination of BMW handlers	It was decided to vaccinate all staff handling biomedical waste with 3 doses of hepatitis B vaccine and injection TT.	HR	1 month	Closed
10.	Proper transport of BMW to central storage area.	Biomedical waste should be transported from the various areas of the hospital to the central storage area through a dedicated lift which should be cleaned with 1% sodium hypochlorite after use.	Maintenance, housekeeping	1 month	Closed

10/14



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

KDHB/MW/MOM-02

Venue: First floor Conference Room

Meeting held on: 26th May 2023, at: 01:30 PM

12/14

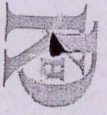
Attendees

S. No.	Name	Designation
1	Mr. Satish Bhardwaj	Chair - Person
2	Dr. Sangita Singh	Member
3	Dr. Daisy Sharma	I.C.O.
4	Dr. Archana Vermani	Invitee – Quality
5	Dr. Deepika Narang	Member
6	Ms. Geeta Rath	Member
7	Mr. Arpit Kumar	I.C.N.
8	Mr. S. K. Shukla	Member
9	Ms. Leena	Member

Apologies: Mr. Saroj

A Brief Introduction of the Waste Management Committee was done by Dr. Daisy Sharma

S. No.	Activity/ Point Discussed	Actionable Item	Responsibility	Time Line
1.	Review of MOM of previous biomedical waste management meeting.	—		
2.	Brief description on life cycle of waste was discussed which included waste generation, segregation, discarding of waste as per latest Biomedical Waste rules.			



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

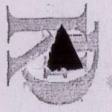
KDH/BMW/MOM-02

Venue: First floor Conference Room

Meeting held on: 26th May 2023, at 01:30 PM

13/14

3.	Data of the waste collected per month was presented.				
4.	Visit to CBWTF	Details were shared of the visit to CBWTF (SMS WATER GRACE) on 30 th November 2022			
5.	Annual report of BMW	It was brought to notice that the Annual Report Information on Bio-medical Waste Management has been submitted to DPCB and the same is also available at the hospital website.			
6.	Biomedical waste bags	As per Government guidelines, we are using biomedical waste disposal bags of thickness 120 microns (earlier 75 microns)	Infection control team, housekeeping	Ongoing	
7.	Foot operated biomedical waste bins	It was decided to use foot operated bins for biomedical waste disposal and the same have been approved and indented.	Infection control team, housekeeping	Ongoing	
8.	Waste disposal in cardboard box with blue label	While breaking glass ampoules on top of cardboard box with blue marking, the glass pieces should not scatter outside the box. This increases the chance of needle stick injury to health care staff. It was decided to use ampoule cutter file to prevent glass pieces from scattering.	DNS, Pharmacy	2 weeks	
9.	Vaccination of BMW handlers	It was decided to vaccinate all staff handling biomedical waste with 3 doses of hepatitis B vaccine and injection TT.	HR	1 month	



BIOMEDICAL WASTE MANAGEMENT COMMITTEE MEETING – MOM

KDH/BMW/MOM-02

Venue: First floor Conference Room

Meeting held on: 26th May 2023, at 01:30 PM

10.	Proper transport of BMW to central storage area.	Biomedical waste should be transported from the various areas of the hospital to the central storage area through a dedicated lift which should be cleaned with 1% sodium hypochlorite after use.	Maintenance, housekeeping	1 month
11.	Sharps container	Sharps container in the various areas should be wall mounted to avoid spills and needle stick injury.	Maintenance	1 month
12.	Disposal of IV bottles	While discarding IV bottles, the leftover fluid in bottles should be drained off in the sink with connection to ETP before discarding the bottle in red bin.	Nursing in charges	1 week

Prepared By:

Mr. Arpit Kumar
Infection Control Nurse

Approved By:

Dr. Daisy Sharma
Microbiologist and Infection Control Officer

14/14