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**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.	Particulars	
1.	<b>Particulars of the Occupier :</b>	
	(i) Name of the authorised person (occupier or operator of facility)	: Executive Director, AIIMS Bhopal.
	(ii) Name of HCF or CBMWTF	: All India Institute of Medical Sciences Bhopal
	(iii) Address for Correspondence	: Saket Nagar, Tehsil - Huzur, Dist. - Bhopal, Pin - 462020 (M.P.)
	(iv) Address of Facility	: AIIMS, Saket Nagar, Tehsil - Huzur, Dist. - Bhopal, Pin - 462020 (M.P.)
	(v) Tel. No, Fax. No	: 0755-2672317
	(vi) E-mail ID	: director@aiimsbhopal.edu.in
	(vii) URL of Website	: www.aiimsbhopal.edu.in
	(viii) GPS coordinates of HCF or CBMWTF	: 23.2094° N, 77.4582° E
	(ix) Ownership of HCF or CBMWTF	: Central Govt.
	(x). Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation to operate BMW facility no. - AWHB - 57393 valid up to 25/01/2026
	(xi). Status of Consents under Water Act and Air Act	: Authorisation No. AWHB-57393 Valid up to: 25/01/2026
2.	<b>Type of Health Care Facility :</b>	
	(i) Bedded Hospital	: No. of Beds: 960
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	: Not Applicable
	(iii) License number and its date of expiry	: Not Applicable
3.	<b>Details of CBMWT :</b>	
	(i) Number healthcare facilities covered by CBMWTF	: Not Applicable
	(ii) No of beds covered by CBMWTF	: Not Applicable
	(iii) Installed treatment and disposal capacity of CBMWTF:	: Not Applicable
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	: Not Applicable
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Yellow Category : 5759.460 Kg Red Category : 6860.174 Kg White Category: 204.791 Kg Blue Category : 1470.721 kg

प्रो. (डॉ.) अजय सिंह / Prof. (Dr.) Ajai Singh  
कार्यपालक निदेशक / Executive Director  
अखिल भारतीय आयुर्विज्ञान संस्थान, भोपाल-462020  
All India Institute of Medical Sciences, Bhopal-462020


5		Details of the Storage, treatment, transportation, processing and Disposal Facility				
(i) Details of the on-site storage facility	:	Size : 75.7ft X 27ft X 10ft				
	:	Capacity : 20439 cu. ft				
	:	Provision of on-site storage : (cold storage or any other provision)- Biomedical waste storage				
	(ii) Details of the treatment or disposal facilities (Treatment is done by CBMWTF)		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					
	Destroyer Sharps					
	Encapsulation					
	Concrete pits					
	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.); Not Applicable				
(iv) No of vehicles used for collection and transportation of biomedical waste	:	BMW collection vehicle - 02 (Provided by CBMWTF) BMW collection trolley - 10				
(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	Nil	N/A		
		ETP Sludge	10639 kg	As per MPPCB Guideline		
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	M/s. India Waste Management Pvt. Ltd. Plot no. E-3 New industrial Area Phase - 2 Mandideep Dist. Raisen (M.P.)				
(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 MOM Annexed.				

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7	<b>Details trainings conducted on BMW</b>	
	(i) Number of trainings conducted on BMW Management.	54
	(ii) Number of personnel trained	1533
	(iii) Number of personnel trained at the time of induction	256
	(iv) Number of personnel not undergone any training so far	NIL
	(v) Whether standard manual for training is available?	Yes
	(vi) Any other information	NO
8	Details of the accident occurred during the year	
	(i) Number of Accidents occurred	83
	(ii) Number of the persons affected	NIL (No incidence of active disease reported)
	(iii) Remedial Action taken (Please attach details if any)	As per the protocol all required measures initiated <ul style="list-style-type: none"> <li>• Injection Tetanus Toxoid</li> <li>• Hepatitis B vaccination in unvaccinated persons</li> <li>• Counseling</li> <li>• Lab testing for baseline &amp; follow-up viral markers</li> </ul>
	(iv) Any Fatality occurred, details.	NIL
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	Not Applicable
	Details of Continuous online emission monitoring systems installed	Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	ETP & STP None
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 None
12	Any other relevant information	Nil

Certified that the above report is for the period from: 1<sup>st</sup> January 2022 to 31<sup>st</sup> December 2022

Name and Signature of the Head of the Institution

  
**डॉ. (अं.) अजय सिंह / Prof. (Dr.) Ajal Singh**  
 कार्यकारी निदेशक / Executive Director  
 अखिल भारतीय आयुर्विज्ञान संस्थान, भोपाल-462020  
 All India Institute of Medical Sciences, Bhopal-462020

Date: 15/06/2023  
 Place: Bhopal



ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHOPAL  
अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल  
Saket Nagar Bhopal M.P- 462020  
Phone No. 0755-2970020

Dispatch No.: /MSO/AIIMS BPL/2022-23/65824

Dated: 28/09/2022

### OFFICE ORDER


In suppression of all the previous orders, the Biomedical Waste Management (BMW) Committee has been revised with the following member composition:

S. no.	Name of the member	Remark
1.	M.S.(Ex-officio)	Chairperson
2.	HoD of Microbiology(Ex-officio)	Co-Chairperson
3.	Chairperson OT Committee (Ex-officio)	Member
4.	SE, AIIMS(Ex-officio)/ Representative	Member
5.	Officer I/c Housekeeping services(Ex-officio)	Member
6.	Officer I/c BMW services (Ex-officio)	Member
7.	AAO (Ex-officio)	Member
8.	Member Secretary Kiyakalp Committee (Ex-officio)	Member
9.	I/c ANS/SNO BMW services (Ex-officio)	Member
10.	DMS (Ex-officio)	Member Secretary

The Committee will be responsible for ensuring the implementation & management of the Biomedical Waste Management Rules 2016 & the amendments thereafter in the AIIMS Hospital and the institute.

Further, the Committee shall prepare policy documents, ensure timely procurement of materials, monitor all activities relevant to BMW services and deal with all issues related to NGT & MPPCB.

This is issued with the approval of the Competent Authority.

  
Prof. (Dr.) Manisha Shrivastava  
Medical Superintendent

**Copy to:**

- DD (A).
- PA to Director. } For kind information.
- All concerned.
- I/c IT – to post on AIIMS website.
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ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHOPAL  
अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल  
Saket Nagar Bhopal M.P- 462020  
Phone No. 0755-2970020

MSO/AIIMS/BPL/66799

29/10/2022  
Dated: 10/10/2022

**Subject: Minutes of the Meeting of the Biomedical Waste Committee**

Reference: Office order no. MSO/AIIMS BPL/2022-23/65824 dated 28/09/2022

A meeting of Biomedical Waste (BMW) Committee was held on 06.10.2022 at 03:00 PM in the Medical Superintendent office Board Room, IPD Building, AIIMS Bhopal under the Chairmanship of the Medical Superintendent, AIIMS Bhopal.

Following members were present in the meeting:

S.no.	Name	Designation	Committee Designation
1.	Prof. (Dr.) Manisha Shrivastava	Medical Superintendent (MS)	Chairperson
2.	Dr. Ayush Gupta	Assistant Professor, Dept of Microbiology (Member Secretary, Kayakalp Committee)	Member
3.	Mr. Gyanendra Prasad	I/c AAO	Member
4.	Mrs. Mudita R. Sharma	I/c ANS	Member
5.	Mrs. Vanadana Kushwaha	I/c ANS	Member
6.	Mr. Dixon Peter	SNO I/c BMW services	Member
7.	Mr. Anurag Nosaliya	NO (I/c Housekeeping services)	Member
8.	Mr. Mukesh Bagari	NO (BMW services).	Member
9.	Mr. Kapil Sharma	NO (BMW services).	Member
10.	Mr. Manoj Vaishnav	NO (Housekeeping services)	Member
11.	Dr. (Maj.) Mayank Dixit	Deputy Medical Superintendent (DMS)	Member Secretary

At the onset Chairperson welcomed the members & provided the brief for the meeting and deliberated upon the following points:

- 1) **Non-compliance of BMW practices:** It has been observed that the BMW waste and general waste is often found mixed as noticed in the patient care areas. NO I/c BMW services was instructed for training and sensitization of the BVG workers, Nursing & residents in the patient care areas. Further, if any staff is not complying with the BMW

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- practices then those staff should be identified and they should be counseled or must be proposed to the induction classes on the BMW services. Also, if the non-compliance is repetitive then it must be brought to the notice of the senior officials/administrators/area HoD.
- 2) **BMW service tender:** The Committee has deliberated that a new tender or an EoT is urgently required for the BMW management services CBWTF's rate contract as the existing RC is near to expiry. DMS informed that the new tender has already been drafted and under process. NO I/c BMW was requested to followup the process.
  - 3) **BMW Induction:** The Committee deliberated that for all new employees of the institute like nursing officers, interns, academics and non-academic residents, induction classes on BMW management should be mandatory. A proposal for the same will be proposed for Director's approval. The Committee has the opinion that atleast two days training on BMW management should be made mandatory, failure of which the first salary will not be released of these employees to ensure the compliance.
  - 4) **Foot operated bins:** A replacement of the existing normal bins by the foot operating bins as suggested by the Kayakalp Committee was deliberated and approved for procurement and replacement. The BMW Committee confirmed that the demand of the foot operating bins has been compiled and I/c SNO & NO (BMW services) were instructed to submit a proposal of biomedical waste foot operating bins for necessary administrative and financial approvals under the SAP fund. Further, a 05% of the compiled demand of foot operated bins can be accommodated for the new/additional hospital areas/routine wear-tear.
  - 5) **E-vehicle:** It was deliberated that for the transportation of biomedical waste from the hospital to the Central BMW storage area, E-vehicles are required. The BMW Committee members deliberated & confirmed that the proposal, demand indent and specification of the e-vehicle have already been drafted. The Committee proposed that the proposal will be forwarded for necessary administrative and financial approvals for procurement under the SAP fund.
  - 6) **Needle Stick injury:** The Committee proposed that all the cases of needle stick injury should be forwarded to the Nodal officer appointed by Trauma & Emergency (TEM) department. The Standard Operating Procedure (SOP) for the needle stick injury has to be revisited for standard implementation.
  - 7) **Medical Checkups of BMW handlers:** Health checkup of the biomedical waste handlers has to be done from CFM OPD. The I/c Nursing BMW services confirmed that there are currently ten members/handlers in BMW services. The Committee has decided that the SOP for the medical checkup of BMW handlers needs to be designed for further approval and implementation.
  - 8) **Hepatitis B vaccination:** The Committee has decided that the CFM department will facilitate the immunization of high risk healthcare workers for Hepatitis B vaccination. A circular for the same effect will be circulated from the MS office.

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- 9) **Shuddering:** Shuddering is needed at waste generation areas for red BMW category waste. The Committee has recommended the use of scissors for cutting of the plastic waste at the point of generation.
- 10) **Hub-Cutter & needle destroyer:** The Committee has decided that the Hub-Cutter and needle destroyer will be required to be placed in wards for proper disposal of needles/syringes for effective BMW management and the procurement will be done under the SAP fund.
- 11) **Barcode sticker:** For handover of the biomedical waste to CBWTF barcoding is required which additionally requires adhesive paper for printing of these barcode. The Committee has decided that for barcoding of biomedical waste generated and further handing over to CBWTF, barcode sticker sheet can be used for printing of the barcodes for ensuring effective accountability.
- 12) **BMW manual:** The Committee has decided for the drafting of a biomedical waste manual as a reference document for BMW management and proposed that the Committee will draft the BMW manual before the next BMW meeting. DMS informed the Chairperson that he will prepare the first draft of the BMW manual for further circulation, suggestions and approvals

The meeting was concluded with the thanks to the chair.

Distribution: As Above.

*Copy*  
*29/11/2022*  
Dr. (Maj) Mayank Dixit  
Dy. Medical Superintendent & Member Secretary

Copy to:

- DD (A).
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  - File.
- } for kind information.