



Maharaj Sawan Singh Charitable Hospital

No. BH/FF&HK/BMW-PPCB/02/2023

09.01.2023

Environmental Engineer,
Punjab Pollution Control Board,
Plot No. 164, Focal Point,
Mehta Road, Zonal Office,
Amritsar

Sub : Submission of Annual Report of Bio-Medical Waste Management

Dear Sir,

As per Clause (13) of terms and conditions of Authorization for Waste Management granted to this Hospital under Bio-Medical Waste (Management and Handling) Rules 1998, **enclosed** please find herewith the Annual Report of Waste Management of this Hospital on Form-IV for the period from 01.01.2022 to 31.12.2022.

Thanking you,

Yours sincerely,

Dr P Dewan
Offg. Chief Administrator

CC : The Chairman,
Punjab Pollution Control Board,
Vatavaran Bhawan,
Nabha Road, Patiala – 147 001

FORM - IV

ANNUAL REPORT

Sl No.	Particulars	
1.	Particulars of the Occupier	: Maharaj Sawan Singh Charitable Hospital
	(i) Name of the authorised person (occupier or operator of facility)	: Agam Deep Saini
	(ii) Name of HCF or CBMWTF	: M/s. Amritsar Envirocare Systems Pvt Ltd., Amritsar (Dr Inderpal Singh Pasricha)
	(iii) Address for correspondence	: Village Iban Kalan, Chabhal Road, Amritsar
	(iv) Address of facility	: Village Iban Kalan, Chabhal Road, Amritsar
	(v) Tel. No., Fax No.	: 0183-5065311
	(vi) E-mail ID	: aecs2004@rediffmail.com
	(vii) URL of website	: Under preparation
	(viii) GPS coordinates of HCF or CBMWTF	:
	(ix) Ownership of HCF or CBMWTF	: Non Profit Society / Private
	(x) Status of authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorization No. BMW/Renewal/ASR/2020/12592150 dated 10.07.2020 valid upto 31.03.2025
	(xi) Status of Consents under Water Act and Air Act	: Valid up to 31.03.2025
2.	Type of Health Care Facility	:
	(i) Bedded Hospital	: No. of Beds 199
	(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	: BMW/Renewal/ASR/2020/ 12592150 dated 10.07.2020 valid upto 31.03.2025
3.	Details of CBMWTF	: N/A
	(i) Number healthcare facilities covered by CBMWTF	:
	(ii) No. Of beds covered by CBMWTF	:
	(iii) Installed treatment and disposal capacity of CBMWTF	:
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Yellow category (A+C+H) : 1017.4 kg/month (F) : 8730.4 Ltrs/month Red Category : 1047.1 kg/month White : 17.5 kg/month Blue Category : 242.4 kg/month General Solid waste: Nil
5.	Details of the Storage, treatment, transportation, processing and disposal facility	
	(i) Details of the on-site storage facility	: Size: 287 Sqft Capacity: 250kg (approx) Provision of on-site: (cold storage or any other provision) N/A

(ii) 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 Plasma Pyrolysis Autoclaves (1) Microwave Hydroclave Shredder Needle tip cutter or destroyer</td><td>Every wards, Emergency, ICU, CCU</td><td>Adequate Adequate</td><td>364 Kg Plastic waste</td></tr> <tr> <td>Sharps encapsulation or concrete pit</td><td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr> <td>Deep burial pits</td><td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr> <td>Chemical disinfection</td><td>Sodium Hypochlorite 1%</td><td>N/A</td><td>N/A</td></tr> <tr> <td>Any other treatment equipment</td><td>N/A</td><td>N/A</td><td>N/A</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 (1) Microwave Hydroclave Shredder Needle tip cutter or destroyer	Every wards, Emergency, ICU, CCU	Adequate Adequate	364 Kg Plastic waste	Sharps encapsulation or concrete pit	N/A	N/A	N/A	Deep burial pits	N/A	N/A	N/A	Chemical disinfection	Sodium Hypochlorite 1%	N/A	N/A	Any other treatment equipment	N/A	N/A	N/A
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(iii) No of vehicles used for collection and transportation of bio-medical waste	:	One																								
(iv) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	<table border="1"> <thead> <tr> <th></th><th>Quantity generated</th><th>Where disposed</th></tr> </thead> <tbody> <tr> <td>Incineration</td><td>N/A</td><td>N/A</td></tr> <tr> <td>Ash</td><td>N/A</td><td>N/A</td></tr> <tr> <td>ETP Sludge</td><td>N/A</td><td>N/A</td></tr> </tbody> </table>		Quantity generated	Where disposed	Incineration	N/A	N/A	Ash	N/A	N/A	ETP Sludge	N/A	N/A												
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(v) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of.	:	M/s. Amritsar Envirocare Systems Pvt Ltd., Amritsar (Dr Inderpal Singh Pasricha)																								
(vi) 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, copies enclosed .																								
7. Details of training conduct on BMW		<table border="1"> <tbody> <tr> <td data-bbox="245 1800 778 1868">(i) Number of trainings conducted on BMW Management.</td><td data-bbox="783 1800 810 1868">:</td><td data-bbox="815 1800 1433 1868">Twice a year</td></tr> <tr> <td data-bbox="245 1874 778 1980">(ii) Number of personnel trained.</td><td data-bbox="783 1874 810 1980">:</td><td data-bbox="815 1874 1433 1980">Personnel related to BMW : Nursing Sisters-12 Staff Nurses-114, Ward Helpers-82 & Helpers-47</td></tr> <tr> <td data-bbox="245 1986 778 2054">(iii) Number of personnel trained at the time of induction.</td><td data-bbox="783 1986 810 2054">:</td><td data-bbox="815 1986 1433 2054">New inductees : Staff Nurses-16, Ward Helpers-06 & Helpers-05</td></tr> <tr> <td data-bbox="245 2060 778 2128">(iv) Number of personnel not undergone any training so far.</td><td data-bbox="783 2060 810 2128">:</td><td data-bbox="815 2060 1433 2128">Nil</td></tr> <tr> <td data-bbox="245 2134 778 2170">(v) Whether standard manual for</td><td data-bbox="783 2134 810 2170">:</td><td data-bbox="815 2134 1433 2170">Yes</td></tr> </tbody> </table>	(i) Number of trainings conducted on BMW Management.	:	Twice a year	(ii) Number of personnel trained.	:	Personnel related to BMW : Nursing Sisters-12 Staff Nurses-114, Ward Helpers-82 & Helpers-47	(iii) Number of personnel trained at the time of induction.	:	New inductees : Staff Nurses-16, Ward Helpers-06 & Helpers-05	(iv) Number of personnel not undergone any training so far.	:	Nil	(v) Whether standard manual for	:	Yes									
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(v) Whether standard manual for	:	Yes																								

	training is available?		
	(vi) Any other information.	:	Nil
8.	Details of the accident occurred during the year.		
	(i) Number of Accidents occurred.	:	Nil
	(ii) Number of the persons affected.	:	Nil
	(iii) Remedial Action taken. (Please attached details if any)	:	N/A
	(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?	:	N/A
	Details of Continuous online emission monitoring systems installed.	:	N/A
10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in the year?	:	109.0 x 10 ⁶ L Pre-treated in Anaerobic fixed film reactor system (AFFR) and then land absorbed/used for irrigation.
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
12	Any other relevant information	:	-

Certified that the above report is for the period from1st January to 31st December, 2022.

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(Agam Deep Saini)
 Name and Signature of the Head of the Institution

Date : 09.01.2023

Place : Beas