



Maharaj Sawan Singh Charitable Hospital

No. BH/FF&HK/BMW-PPCB/02/2019

25.01.2019

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 01.01.2018 to 31.12.2018.

Thanking you,

Yours sincerely,

R S Malik
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)	: R S Malik
	(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.ZO-ASR/ASR/BMW/2017/F-45 dated 12.04.2018 valid up to 31.03.2020
	(xi) Status of Consents under Water Act and Air Act	: Valid up to 31.03.2020
2.	Type of Health Care Facility	:
	(i) Bedded Hospital	: No. of Beds 267
	(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	: ZO-ASR/ASR/BMW/2017/F-45 valid upto 31.03.2020 for BMW
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) : 1283 kg/month (F) : 15050 Ltrs/ month Red Category : 1085 kg/month White : 35 kg/month Blue Category : 270 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: 170 cuft Capacity: 200kg (approx) Provision of on-site: (cold storage or any other provision) N/A

(ii) Disposal facilities	<table border="1"> <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> <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>621 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> </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	621 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"> <tr> <th></th><th>Quantity generated</th><th>Where disposed</th></tr> <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> </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																									
(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-116, Ward Helpers-87 & Helpers-47																								
(iii) Number of personnel trained at the time of induction.	: New inductees : Staff Nurses-08, Ward Helpers-09 & Helpers-01																								
(iv) Number of personnel not undergone any training so far.	: Nil																								
(v) Whether standard manual for training is available?	: Yes																								

	(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?	: 75.0 x 10 ⁶ L Pretreated 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	: (Air Pollution Control Devices attached with Incinerator).

Certified that the above report is for the period from 1st January to 31st December, 2018.


(R S Malik)

Name and Signature of the Head of the Institution

Date : 22.01.2019

Place : Beas