



**GOVERNMENT OF WEST BENGAL  
OFFICE OF THE SUPERINTENDENT E.S.I. HOSPITAL  
GOURHATI, P.O. ANGUS, HOOGHLY - 712 221**

Memo No. ESI/GH/ 99

Date: 13/4/2020

To  
✓ Chief Engineer  
Waste Management Cell  
West Bengal Pollution Control Board  
10 A, Block- LA, Sector- III  
Salt Lake City  
Kolkata – 700 098

**SUB: Annual Report for the period from January 2019 to December 2019**

Sir,

Sending herewith the **Annual Report for the period from January 2019 to December 2019** of ESI Hospital, Gourhati, P.O. Angus, Hooghly in the required format.

Thank you in anticipation.

**Encl:** 07 Page(s) document as stated above.

*Ar* 13/4/2020  
Superintendent

E.S.I Hospital, Gourhati, P.O. Angus, Hooghly

Superintendent

E.S.I. Hospital, Gourhati,

Angus, Hooghly, E.S.I.(MB)Scheme

Dept. of Labour, Govt. of W.B.

**Form - IV**  
(See rule 13)  
**ANNUAL REPORT 2019**

[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. No.	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorized person (occupier or operator of facility)	:	<b>Dr. Abhrajit Mukhopadhyay</b>
	(ii) Name of HCF or CBMWTF	:	<b>ESI Hospital-Gourhati</b>
	(iii) Address for Correspondence	:	<b>GT Road, P.O. Angus, Hooghly-712 221</b>
	(iv) Address of Facility	:	<b>GT Road, P.O. Angus, Hooghly-712 221</b>
	(v) Tel. No, Fax. No	:	<b>033 2633 5551</b>
	(vi) E-mail ID :	:	<b>ms-gaurhati.wb@esic.nic.in</b>
	(vii) URL of Website	:	<b>www.esiwb.gov.in</b>
	(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.: <b>D009659 valid up to 30/09/2024.</b>
	(xi). Status of Consents under Water Act and Air	:	Valid up to: <b>30/09/2024</b>
2.	Type of Health Care Facility :	:	
	(i) Bedded Hospital	:	No. of Beds: <b>216</b>
	(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	:	-----
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 per day
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category : <b>152 kgs</b>
		:	Red Category : <b>167.75 kgs</b>
		:	White: <b>34.75 kgs</b>
		:	Blue Marked Box : <b>7.5 kgs</b>
		:	General Solid waste:
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility		
	(i) Details of the on-site storage Facility		Size : <b>8.5 ft x 24 ft</b>
			Capacity :



		Provision of on-site storage : (cold storage or any other provision)			
	(ii) disposal facilities	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 during the treatment of wastes in Kg per annum	:		Quantity Generated	Where disposed
			Incineration		
			Ash		
			ETP Sludge		
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:	<b>Medicare Environmental Management Pvt. Ltd.</b>		
	(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	:	<b>YES (MINUTES ATTACHED)</b>		
7.	Details trainings conducted on BMW				
	(i) Number of trainings conducted on BMW Management.		<b>06</b>		

	(ii) number of personnel trained	54
	(iii) number of personnel trained at the time of induction	5
	(iv) number of personnel not undergone any training so far	nil
	(v) whether standard manual for training is available?	no
	(vi) any other information)	-
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 attach details if any)	NA
	(iv) Any Fatality occurred, details.	NA
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 2019 to December 2019**

Date: **13/04/2020**

Place: **Hooghly**

Name and Signature of the Head of the Institution

*Dr. Abhrajit Mukhopadhyay*  
(Superintendent)

E.S.I. Hospital, Gourhati,  
Angus, Hooghly, E.S.I.(MB) Scheme  
Dept. Of Labour, Govt. of W.B.



**Minutes of the Meeting on Bio Medical Waste Management held at the conference room of the E.S.I. Hospital, Gourhati on 24<sup>th</sup> December 2019**

**Members Present:** As per the attendance sheet, given in the annexure.


Dr. Abhrajit Mukhopadhyay, Superintendent and Chairman- HDC, ESIH-Gourhati was in the Chair.

*The following points were discussed:*

Sl. No.	Points Discussed	Remarks
1.	Segregation of bio-medical waste at source in the colour coded container/waste bin	To be continued as per BMW Rules 2016, it should be looked after by the on duty Sister/ Sister-in - charges for the wards, OT & Emergency, Departmental in charges for other departments.
2.	Transportation of segregated waste to the "Temporary Storage" inside the Hospital Campus	<p>Every day ideally between 11:30 am and 12 noon, a Sweeper will collect all the colour coded bags/ containers from the wards, OT, Emergency, other department like Pathology, USG, ECG, Physiotherapy, Service Dispensary, Dresser room, OPD etc. and transfer the collected waste bags/ containers to the "Temporary Storage" inside the Hospital Campus through Ward Master office.</p> <p>On duty staff at Ward master office should acknowledge the no. of waste bags/ containers transferred to temporary waste storage room.</p> <p>A waste transit register for daily disposal of waste should maintain by the user departments/ward in this regard to ensure that all the segregated waste has been transferred to temporary waste storage room.</p>
3.	"Bio-medical waste Temporary Storage room" inside the Hospital Campus under lock and key	<p>The earmarked temporary storage room should be under lock and key. The key should be available at Ward Master office of this hospital.</p> <p>On duty ward master office staff should monitor the daily transportation process of segregated bio-medical waste from the</p>

		<p>wards/ departments to temporary storage room.</p> <p>They should also present during the collection of waste bags/containers from the temporary waste storage room to Waste Collection Van of Medicare [Common Biomedical Waste Treatment Facility (CBWTF) owner] to ensure that no waste lying at temporary waste storage room more than 48 hours.</p>
4.	Availability of Colour coded plastics bags/ containers for segregation of bio-medical wastes, disinfection solutions	<p>Sometimes it has been found that <i>Medicare Environmental Management Pvt. Ltd.</i> was unable to supply the Colour coded plastics bags/ containers, for segregation of bio-medical wastes and disinfection solutions. If such situation arises, Contingency / Equipment - Store Keeper of this hospital may procure the materials from any Govt. approved supplier/ agency to ensure that segregation of waste at source should not be hampered at any means.</p>


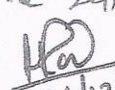
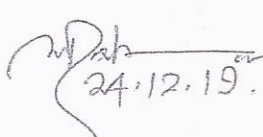
There being no other points to discuss, the meeting concluded with a vote of thanks to the chair.

  
 Superintendent  
 E.S.I. Hospital, Gourhati,  
 Angus, Hooghly, E.S.I.(MB) Scheme  
 Dept. of Labour, Govt. of W.B.

### Attendance Sheet

Meeting: Bio Medical Waste management

Date: 24.12.2019

<u>Sl. No.</u>	<u>Name</u>	<u>Signature</u>
1.	Dr. Abhrajit Mukhopadhyay	 24/12/19
2.	Dr. Anup Kumar Bhattacharyya	24/12/19.
3.	Mr. Himadri Pal	 24/12/2019
4.	Kalpana Adhikary	K. Adhikary 24/12/19
5.	A. G. Naita	A. G. Naita
6.	Anita Mondal	Anita Mondal.
7.	Manimala Sengupta	Sr. MB.
8.	Mustajibur Rahman	 24.12.19.



# 2019

	Yellow	Red	White	Blue
Jan-19	138	123	25	0
Feb-19	138	201	68	0
Mar-19	165	169	42	0
Apr-19	165	156	26	4
May-19	87	145	45	2
Jun-19	142	165	15	24
Jul-19	157	173	34	4
Aug-19	154	189	38	15
Sep-19	167	181	28	28
Oct-19	172	162	50	12
Nov-19	174	178	24	0
Dec-19	165	171	22	1
<b>Total</b>	<b>1824.0</b>	<b>2013.00</b>	<b>417.0</b>	<b>90.0</b>
<b>monthly Avg.</b>	<b>152</b>	<b>167.75</b>	<b>34.75</b>	<b>7.50</b>