

SOUTH EASTERN RAILWAY

By Post

Office of the
Medical Director
Central Hospital, Garden reach
Kolkata-700043

No. G/76/Ann_Return/22/BMW/CH/GRC/2023/128

Dated: 11.01.2023

To
The Chief Engineer,
West Bengal Pollution Control Board,
Waste Management Cell,
Paribesh Bhawan,
Bldg. No. 10 A, Block-LA, Sector-III,
Bidhannagar, Salt Lake, Kolkata-700 091.

Sir,

Sub: Annual Report on Bio-medical Waste for the year-2022.

The Annual Report on Bio-medical Waste of Central Hospital, S. E. Railway, Garden Reach, Kolkata-700043 for the year-2022 is sent herewith for your information and necessary action please.



Yours faithfully,

Medical Director
Central Hospital, S. E. Rly.
Garden Reach, Kolkata-700043
Medical Director
C.H. / S.E. Railway
Kolkata-43

Encl: As above



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)	:	Medical Director, Central Hospital, S. E. Railway, Garden Reach, Kolkata
	(ii) Name of HCF or CBMWTF	:	Central Hospital, South Eastern Railway, Garden Reach, Kolkata
	(iii) Address for Correspondence	:	11, Garden Reach Road, PO. Garden Reach, PS.-West Port, Kolkata-700043
	(iv) Address of Facility	:	-DO-
	(v) Tel. No, Fax. No	:	033-24504270, 033-24391330
	(vi) E-mail ID	:	md@ser.railnet.gov.in
	(vii) URL of Website	:	http://www.ser.indianrailways.gov.in/view_section.jsp?lang=0&id=0,2,411,2006
	(viii) GPS coordinates of HCF or CBMWTF	:	22.5459° N, 88.3102° E
	(ix) Ownership of HCF or CBMWTF	:	(State Government or private or Semi Govt. Or any other): Central Government.(Ministry of Railways)
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	:	Authorisation No.08/2S(BM)-285/99-2000 dated 21.02.2019 Bio-Medical Waste Authorization Sl no. D009673 Valid upto 31.12.2023.
	(xi) Status of Consents under Water Act and Air Act	:	Renewal Memo No.09/2S/CON(BM)-1279/2002 dated. 21.02.2019 Valid upto 31.12.2023.
2.	Type of Health Care Facility	:	South Eastern Railway Zonal Head Quarter Referral Hospital.
	(i) Bedded Hospital	:	No. of Beds:303 bedded
	(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	:	N.A.

3.	Details of CBMWTF	:																																					
	i. Number of 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:26099 Kg/annum (2175 kg/month) Red category : 20018 Kg/annum (1668 kg/month) White : 1343 Kg/annum (112 Kg/month) Blue Mark Category:10647 Kg/annum (887 Kg/month) General Solid Waste: 12000 Kg/annum (1000 Kg/month)																																				
5.	Details of the Storage, treatment, transportation, processing and Disposal Facility																																						
	(i) Details of the on-site storage facility		Size: Yellow room-1.5 m x4.4 m x2.25 m Red room - 1.6 mx4.4 m x2.25 m Alternative storage room-3.1x4.4mx2.25m Capacity: Yellow room -14.85 m ³ Red room-15.84 m ³ Alternative storage room -30.69 m ³ Provision of on-site storage: (cold storage or any other provision) –Daily basis storage.(Upto 48 hrs)																																				
	(ii) Disposal Facilities		<table> <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</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> </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			
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			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 (kg)
			Incineration	
			Ash	
			ETP Sludge	
	(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	:		
	(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 meetings held during the reporting period	:	The existing Hospital Infection Control Committee looks after Bio Medical Waste management.	
7	Details trainings conducted on BMW			
	(i) Number of trainings conducted on BMW Management		06	
	(ii) Number of personnel trained		131	
	(iii) Number of personnel trained at the time of induction		Different spell (02+46+22+31+26+04) = 131 no. trained.	
	(iv) Number of personnel not undergone any training so far		03 Irregular attendance/Unauthorized Absent	
	(v) Whether standard manual for training is available?		Yes	
	(vi) Any other information			
8	Details of the accident occurred during the year		Nil	
	(i) Number of Accidents		Nil	

	occured		
	(ii) Number of the persons affected		Nil
	(iii) Remedial Action taken (Please attach details, if any)		Nil
	(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?		Incinerator not available. Disposal and transportation of Bio medical waste outsource with WBPCB authorized, Kolkata jurisdiction agency through M/s Green Tech Environ Management Pvt .Ltd.
	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 plant under construction has started likely to be completed in next 03 months.
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. All sterilization of surgical items are being done at CSSD as per standard norms.
12.	Any other relevant information	:	HEPA filter is available in OT.

Certified that the above report is for the period from January, 2022 to December, 2022.

Date: 10.01.2022

Place: Central Hospital/SER
Garden Reach
Kolkata-700043

Name and Signature of the Head of the Institution

[Handwritten Signature]



Medical Director
C.H. / S.E. Railway
Kolkata-43

Annual data of Bio medical waste-2022

Sl. No.	Month	Yellow category weight(Kg)	Red Category weight(Kg)	White Category weight(Kg)	Blue mark box category weight(Kg)
1	January	2883	1948	68	1011
2	February	2837	2123	90	987
3	March	1951	1727	102	938
4	April	2008	1519	171	789
5	May	2102	1535	143	750
6	June	2385	1895	166	925
7	July	2164	1729	96	973
8	August	2294	1743	62	993
9	September	2124	1664	71	889
10	October	1676	1322	131	804
11	November	1839	1462	147	916
12	December	1836	1351	96	672
Total		26099	20018	1343	10647
Avarage per month		2174.91667	1668.1667	111.916667	887.25
(Round off)		2175	1668	112	887




 Medical Director
 C.H. / S.E. Railway
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