SOUTH EASTERN RAILWAY

By Post

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

No. G/76/Ann_Return/23/BMW/CH/GRC/2024/365 Dated: 29.01.2024

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.

WEST BENGAL POLLUTION CONTROL BOARD
RECEIVED
29 JAN 2024
CHECKED
Salt Lake, Kol-700 091

Sir,

Sub: Annual Report on Bio-medical Waste for the year-2023.

The Annual Report on Bio-medical Waste of Central Hospital, S. E. Railway, Garden Reach, Kolkata-700043 for the year-2023 is sent herewith for your information and necessary action please.

Yours faithfully,

29.01.2024

Medical Director
Central Hospital, S. E. Rly.
Garden Reach, Kolkata-700043

Dr. DHRITIDIPA CHOWDHURY (BAGCHI)
Medical Director/CH/GRC
S.E. Railway, Kolkata-43

Encl: As above

OFFICE OF THE MEDICAL DIRECTOR
CENTRAL HOSPITAL/
MEDICAL DEPARTMENT.
S.E. RAILWAY, G.R.C., KOLKATA-700043

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	:	Ref No. - WBPCB/4223487/2023 Dated:- 11/01/2024 Bio-Medical Waste Authorization Sl no.4223487 Valid upto 31.12.2028
	(xi) Status of Consents under Water Act and Air Act	:	CTO No.: WBPCB/4223469/2023 Date : 05/01/2024 Sl. No. 4223469 Valid upto 31.12.2028.
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 VeterinaryHospital 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:21705 Kg/annum (1809 kg/month)			
			Red category : 15992 Kg/annum (1333 kg/month)			
			White : 1147 Kg/annum (96 Kg/month)			
			Blue Mark Category:7262.5 Kg/annum (605Kg/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:Bio Medical waste room-3.1x4.4mx2.25m			
			Capacity: BMW waste 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		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 (kg)	Where disposed
				Incineration		
				Ash		
				ETP Sludge	9000 kg	
	(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		11			
	(ii) Number of personnel trained		325			
	(iii) Number of personnel trained at the time of induction		Different spell (19+31+32+29+37+29+26+24+32+29+37) =325 no. Traine			
	(iv) Number of personnel not undergone any training so far		2 no. 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 occured		Nil			
	(ii) Number of the persons		Nil			

	affected		
	(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?		Effluent Treatment plant in place and yearly basis.
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, 2023 to December, 2023.

29.1.2024

Name and Signature of the Head of the Institution

Date: 29.01.2023
Place: Central Hospital/SER
Garden Reach
Kolkata-700043

Dr. DHRITIDIPA CHOWDHURY (BAGCHI)
Medical Director/CH/GRC
S.E. Railway, Kolkata-43

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Annual data of Bio medical waste-2023

Sl. No.	Month	Yellow category	Red category	White category	Blue mark box category
1	January	1710	1243	54	571
2	February	1687	1144	82	592
3	March	1743	1337	107	593
4	April	1749	1337	86	594
5	May	2005	1496	155	670
6	June	2313	1677	94	1052
7	July	2081	1440	118	864
8	August	1763	1325	113	478
9	September	1711	1261	84	476
10	October	1681	1174	80	398
11	November	1596	1281	55	498.5
12	December	1729	1277	119	476
Total		21705	15992	1147	7262.5
Average per month		1808.75	1332.666	95.58	605.20
(Round off)		1809	1333	96	605

DC.

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Medical Director/CH/GRC
S.E. Railway, Kolkata-43