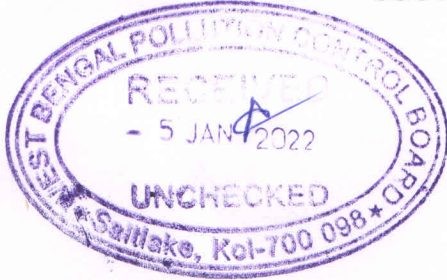


SOUTH EASTERN RAILWAY

By Post



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

No. G/76/Ann_Return/21/BMW/CH/GRC/2022/ 19

Dated: 04.01.2022

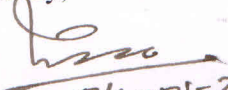
To
The Chief Engineer,
West Bengal Pollution Control Board,
Waste Management Cell,
Paribesh Bhawan,
Bldg. No. 10 A, Block-LA, Sector-III,
Bidhannagar, Salt Lake, Kolkata-700 091.

Sir,

Sub: Annual Report on Bio-medical Waste for the year-2021.

The Annual Report on Bio-medical Waste of Central Hospital, S. E. Railway, Garden Reach, Kolkata-700043 for the year-2021 is sent herewith for your information and necessary action please.

Yours faithfully,


04-01-2022

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

MEDICAL DIRECTOR
Central Hospital, S. E. Railway
Garden Reach, Kolkata - 700043

Encl: As above

o/c

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:40196 Kg/annum (3350 kg/month) Red category : 27216 Kg/annum (2268 kg/month) White : 1069 Kg/annum (89 Kg/month) Blue Mark Category:16137 Kg/annum (1345 Kg/month) General Solid Waste: 14400 Kg/annum (1200 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 PPE/Covid waste room-3.1x4.4mx2.25m Capacity: Yellow room -14.85 m ³ Red room-15.84 m ³ PPE/Covid 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		<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		23	
	(ii) Number of personnel trained		118	
	(iii) Number of personnel trained at the time of induction		25	
	(iv) Number of personnel not undergone any training so far		05 (U/A) or Irregular attendance.	
	(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?		Not applicable
	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?		Quantity not assessed. Work of construction for effluent treatment plant at Central Hospital/GRC in PWP 2018-19 under process (copy enclosed.)
11.	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?		Not applicable All sterilization of surgical items are being done at CSSD as per standard norms.
12.	Any other relevant information	:	(Air Pollution Control Devices attached with the Incinerator) HEPA filter is available in OT.

Certified that the above report is for the period from January, 2021 to December, 2021.

[Signature]
04-01-2022

Name and Signature of the Head of the Institution

Date: 04.01.2022

Place: Central Hospital/SER
Garden Reach
Kolkata-700043

MEDICAL DIRECTOR

Central Hospital, S. E. Railway
Garden Reach, Kolkata - 700043



Annual data of Bio medical waste-2021

Sl. No.	Month	Yellow category	Red category	White category	Blue mark box category
1	January	984	642	110	125
2	February	2146	1726	60	997
3	March	4507	2404	85	1671
4	April	4195	2224	120	1643
5	May	3461	2055	01	1136
6	June	3745	2800	74	1502
7	July	4388	3371	95	1953
8	August	4615	3238	105	2025
9	September	4417	3000	110	1881
10	October	2486	1901	105	1147
11	November	2725	1970	108	1062
12	December	2527	1885	96	995
Total		40196	27216	1069	16137
Avarage per month		3349.67 =3350	2268	89.08	1344.75 =1345