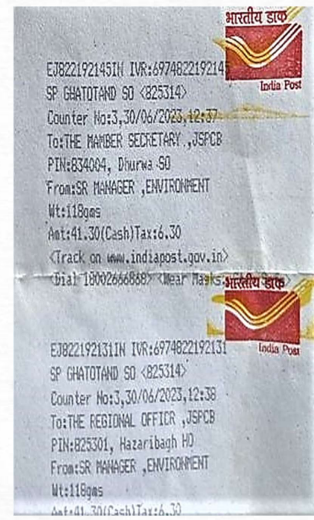




The Member Secretary,  
State Pollution Control Board,  
T.A. Division (Ground Floor),  
H.E.C. Dhurva, Ranchi – 834004  
Jharkhand

WBD/HA-MED / 217 / 1153 / 23  
June 17, 2023



**Subject: Submission of Annual Bio-Medical Waste Return of Tata Central Hospital, West Bokaro Division for the year 2022**

Dear Sir,

Kindly find the attached Annual Bio-medical Waste Return of Tata Central Hospital, West Bokaro Division for the year 2022 in the prescribed format "Form-IV" as per Bio-medical Waste Management Rules, 2016.

Kindly acknowledge the same. We trust that the measures taken towards environmental safeguards comply with the stipulated environmental conditions. We look forward to your further guidance which shall certainly help us in our endeavour for further improve upon our Environmental Management practices.

Thanking you,  
Yours sincerely,

  
**Chief Medical Officer**  
**West Bokaro**  
Dr. A.K. Roy  
Chief Medical Officer,

Encl: As Above

Copy to : The Regional Officer,  
State Pollution Control Board,  
PTC Chowk, Matwari,  
Hazaribagh – 825301 (Jharkhand)

**TATA STEEL LIMITED**

West Bokaro Division Ghatotand Jharkhand 825 314 India  
Tel 91 6545 262356 (O) Fax 91 6545 262221 262172  
Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001

**Form -IV**  
**(See rule 13)**  
**Annual Report**

[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 year occupier of the health care facility (HCF) or common bio-medical waste facility (CBWTF)]

Sl. No.	Particulars	
<b>1.</b>	<b>Particulars of the Occupier</b>	
	(i) Name of the authorised person (occupier or operator of facility) :	Dr. A.K.Roy (Chief Medical Officer)
	(ii) Name of HCF or CBMWTF :	TATA Central Hospital, West Bokaro Division
	(iii) Address for Correspondence :	Tata Central Hospital, West Bokaro Division,
	(iv) Address of Facility :	TATA Steel Ltd., PO.:Ghatotand
	(v) Tel. No., Fax. No. :	Dist.: Ramgarh, Jharkhand - 825314
	(vi) E-mail ID :	Phone: 06545-262355
	(vii) URL of Website :	Fax No. 06545-262221 Email: ashish.roy@tatasteel.com Website: <a href="http://www.tatasteelindia.com">www.tatasteelindia.com</a>
	(viii) GPS co-ordinates of HCF or CBMWTF :	Lat - 23° 47' 13.92" N Lon - 85 ° 33' 14.74" E
	(ix) Ownership of HCF or CBMWTF :	Tata Steel Limited
	(x) Status of Authorisation under the Bio-Medical Waste (Management & Handling) Rules :	Authorization granted by JSPCB vide letter no. JSPCB/HO/RNC/BMW-11621018/2022/18 dated: 18.06.2022, valid till 31.03.2027
	(xi) Status of Consents under Water Act and Air Act :	CTO granted by JSPCB vide letter no. JSPCB/HO/RNC/CTO-12607842/2022/336 dated: 31.03.2027
<b>2.</b>	<b>Types of Health Care Facility</b>	
	(i) Bedded Hospital :	62 nos.
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary or any other) :	Three dispensaries are being operated centrally from Hospital.
	(iii) License number and its date of expiry :	Hospital is registered as per Clinical Establishment Act (Registration & Regulation) 2010 from Govt. of Jharkhand. Provisional Registration No.: 2036100285, Date of issue: 07.09.2022
<b>3.</b>	<b>Details of CBMWTF</b>	
	(i) Number healthcare facilities covered by CBMWTF :	Not Applicable
	(ii) Number of beds covered by CBMWTF :	
	(iii) Installed treatment and disposal capacity of CBMWTF :	
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF :	
<b>4.</b>	<b>Quantity of waste generated or disposed in Kg per annum (on monthly average basis)</b>	Yellow Category: 569.19 kg & 889.1 KL A-41.8 KG B-0 KG C-491.1 KG D-20.0 KG E-429.6 KL F-459.5 KL G-0 KG H-16.29 KG  Red Category: 507.9 KG White: 71.45 KG Blue Category: 486.516 KG

Sl. No.	Particulars																																																	
5.	<b>Details of Storage, Treatment, Transportation, Processing &amp; Disposal Facility</b>																																																	
	(i) Details of the on-site storage	: Size: H = 1 m, Dia = 0.5 m Capacity: 100 li Buckets are kept in ward and waste is being directly handed over from ward.																																																
	(ii) Details of Disposal facilities	<table border="1"> <thead> <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> </thead> <tbody> <tr> <td>Incinerators</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Autoclaves</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Microwave</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Hydroclave</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Shredder</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Needle tip cutter or Destroyer Sharps</td> <td>15</td> <td>60 needle/min</td> <td>4.1 kg</td> </tr> <tr> <td>Encapsulation or Concrete pit</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Deep burial pits</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Chemical Disinfection</td> <td>2</td> <td>20 KL</td> <td>32.66 KL</td> </tr> <tr> <td>Any other treatment equipment</td> <td>0</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Type of treatment equipment	No of units	Capacity (kg/day)	Quantity treated or disposed in kg per annum	Incinerators	0	NA	NA	Plasma Pyrolysis	0	NA	NA	Autoclaves	0	NA	NA	Microwave	0	NA	NA	Hydroclave	0	NA	NA	Shredder	0	NA	NA	Needle tip cutter or Destroyer Sharps	15	60 needle/min	4.1 kg	Encapsulation or Concrete pit	0	NA	NA	Deep burial pits	0	NA	NA	Chemical Disinfection	2	20 KL	32.66 KL	Any other treatment equipment	0	NA	NA
	Type of treatment equipment	No of units	Capacity (kg/day)	Quantity treated or disposed in kg per annum																																														
	Incinerators	0	NA	NA																																														
	Plasma Pyrolysis	0	NA	NA																																														
	Autoclaves	0	NA	NA																																														
Microwave	0	NA	NA																																															
Hydroclave	0	NA	NA																																															
Shredder	0	NA	NA																																															
Needle tip cutter or Destroyer Sharps	15	60 needle/min	4.1 kg																																															
Encapsulation or Concrete pit	0	NA	NA																																															
Deep burial pits	0	NA	NA																																															
Chemical Disinfection	2	20 KL	32.66 KL																																															
Any other treatment equipment	0	NA	NA																																															
(iii) Quantity of recyclable wastes sold to authorised recyclers after treatment in kg per annum	Nil																																																	
(iv) No. of vehicles used for collection and transportation of biomedical waste	01 (One)																																																	
(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of waste in Kg per annum	<table border="1"> <thead> <tr> <th></th> <th>Quantity Generated</th> <th>Where Disposed</th> </tr> </thead> <tbody> <tr> <td>Incineration</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Ash</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>ETP Sludge</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>			Quantity Generated	Where Disposed	Incineration	NA	NA	Ash	NA	NA	ETP Sludge	NA	NA																																				
	Quantity Generated	Where Disposed																																																
Incineration	NA	NA																																																
Ash	NA	NA																																																
ETP Sludge	NA	NA																																																
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	: M/s Bio- Genitic Lab. Pvt. Ltd. At: Jamantand Hesla, Naisarai Road, PO: Ramgarh Cantt, Dist: Ramgarh Lic No. JSPCB/HO/RNC/BMW-1497068/2019/37, dated: 21.06.2019																																																	
(vii) List of member HCF not handed over bio-medical waste	: NA																																																	
6.	Do you have bio-medical waste management committee? If yes, attach minutes of the meeting held during the reporting period	: Yes, MoM of Last 2 meetings are attached as <b>Annexure-1.</b>																																																
7.	<b>Details training conducted on BMW</b>																																																	
	(i) Numbers of training conducted on BMW management	: 12 (twelve)																																																
	(ii) Number of personnel trained	: 95 (eighty-five)																																																

Sl. No.	Particulars	
	(iii) Number of personnel trained at time of induction	: 100%
	(iv) Number of personnel not undergone any training so far	: Nil (Zero), All paramedical staff & healthcare workers undergone for BMW training
	(v) Whether standard manual for training is available?	: Yes
	(vi) Any other information	: All healthcare workers undergone for immunization for Hepatitis B & Tetanus regularly.
<b>8.</b>	<b>Details of the accident occurred during the year</b>	
	(i) Number of Accidents occurred	: Nil
	(ii) Number of the person affected	: Nil
	(iii) Remedial Action taken (Please attach details if any)	: Nil
	(iv) Any facility occurred, details	: Nil
<b>9.</b>	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	: NA because no incineration process is in use at hospital.
	Details of continuous online emission monitoring systems installed	:
<b>10.</b>	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	: Yes, all liquid waste generated being pre-tested and neutralized with 10% sodium hypo chloride. All the times we have met the required standard.
<b>11.</b>	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	: None
<b>12.</b>	Any other relevant information	: NA

*Note: No Mercury is used in our hospital. Henceforth no spillage & its management is done at our hospital.*

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



**Dr. A.K.Roy (Chief Medical Officer)**

**Chief Medical Officer**  
**West Bokaro**

**Date: 17.06.2023**

**Place: Ghatotand**