

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

Bio-Medical Waste Management Rules, 2016.

[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 2023, by the occupier of health care facility (HCF)]

S.No.	Particulars	
1	a. Particulars of the Occupier	
	(i) Name of the authorized person (occupier or operator of the facility)	Mr. T. V. Narendran CEO & MD, Tata Steel
	(ii) Name of HCF or CBMWTF	Tata Main Hospital
	(iii) Address for Correspondence	Northern Town, Bistupur Jamshedpur - 831001
	(iv) Address of Facility	Tata Main Hospital, Tata Steel Ltd., Jamshedpur
	(v) Tel. No, Fax. No	0657-2224559, 0657- 2423525
	(vi) E-mail ID	tsj.env@tatasteel.com
	(vii) URL of Website	<a href="https://www.tatamainhospital.com/">https://www.tatamainhospital.com/</a>
	(viii) GPS coordinates of HCF or CBMWTF	Latitude - 22.801 E Longitude - 86.180 N
	(ix) Ownership of HCF or CBMWTF	Private (State Government or Private or Semi Govt. or any other)
	(x) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules	Authorization No. JSPCB/HO/RNC/BMW-17366428/2023/38 Dt. 22/12/2023 Valid upto 31.12.2025
	(xi). Status of Consents under Water Act and Air Act	Authorization No. JSPCB/HO/RNC/CTO-16719279/2023/1843 dt. 2023-10-27 valid till 31.12.2025
2	Type of Healthcare Facility	
	(i) Bedded Hospital	No. of beds 983
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)	Not Applicable

S.No.	Particulars																																														
	(iii) License number and its date of expiry	SG31072/30414/2913 (BISTUPUR) 07.06.2025																																													
3	<b>Details of CBMWTF</b>	Not Applicable																																													
	(i) Number healthcare facilities																																														
	covered by CBMWTF (ii) No of beds covered by CBMWTF																																														
	(iii) Installed treatment and disposal capacity of																																														
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF																																														
4	<b>Quantity of waste generated or disposed in Kg per annum (on monthly average basis &amp; Yearly)</b>	Yellow Category: Monthly Average 3,734 kg	Yellow Category 44,810 kg																																												
		Red Category: Monthly Average 7,241 kg	Red Category: 86,893 kg																																												
		White: Monthly Average 485 kg	White: 5,823 kg																																												
		Blue Category: Monthly Average 1,807 kg	Blue Category : 21,694 kg																																												
5	<b>Details of the Storage, treatment, transportation, processing and Disposal Facility</b>																																														
	(i) Details of the on-site storage facility	Size: 92*48 FT (4,416 Sqft)																																													
		Capacity: 500 Kg/per day																																													
		Provision of on-site storage- Impervious shaded storage																																													
	(ii) (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>2</td><td>75 liters (Chamber Volume) 98 liters (Chamber Volume)</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>0</td><td>-</td><td>-</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</td><td>1</td><td>100 KLD</td><td>28,597 KL</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	2	75 liters (Chamber Volume) 98 liters (Chamber Volume)	NA	Microwave	0	NA	NA	Hydroclave	0	NA	NA	Shredder	0	NA	NA	Needle tip cutter or Destroyer Sharps	0	-	-	Encapsulation or Concrete pit	0	NA	NA	Deep burial pits	0	NA	NA	Chemical	1	100 KLD	28,597 KL
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	2	75 liters (Chamber Volume) 98 liters (Chamber Volume)	NA																																												
Microwave	0	NA	NA																																												
Hydroclave	0	NA	NA																																												
Shredder	0	NA	NA																																												
Needle tip cutter or Destroyer Sharps	0	-	-																																												
Encapsulation or Concrete pit	0	NA	NA																																												
Deep burial pits	0	NA	NA																																												
Chemical	1	100 KLD	28,597 KL																																												

S.No.	Particulars			
		Disinfection		
		Any other treatment equipment	0	NA
	(iii) Quantity of recyclable wastes sold authorized recyclers after treatment in kg per annum			
	(iv) No of vehicles used for collection and transportation of biomedical waste	Five		
	v) Details of ETP sludge generated and disposed during the treatment of wastes in Kg per annum	242 Kg Disposed to M/s Adityapur Waste Management Pvt. Ltd.,		
	(vi) Name of the Common Bio-Medical Waste — Treatment Facility Operator through which wastes are disposed of	M/s Adityapur Waste Management Pvt. Ltd., (Seraikella Kharsawan)		
	(vii) List of members HCF not handed over Bio-medical waste	NA		
6	Do you have Bio-medical waste management? If yes, attach minutes of the meetings held during the reporting period	Yes	Minutes of the meeting attached as Annexure I	
7	Details trainings conducted on BMW (i) Number of trainings conducted on BMW Management. (ii) number of personnel trained (iii) number of personnel trained at the time of induction (iv) number of personnel not undergone any training being conducted on monthly so far (v) whether standard manual for training is available? (vi) any other information)	(i) 22 (ii) 4571 BMW handlers trained (apart from other staff) (iii) 100% induction to all staff joining organization (vi) Nil (v) Yes, with Infection control committee (vi) Nil	Attached as Annexure II	
8	Details of the accident occurred during the year	Nil		
	(i) Number of Accidents occurred			
	(ii) Number of the persons affected	Nil		
	(iii) Remedial Action taken (Please attach details if any)	NA		
	(iv) Any Fatality occurred	Nil		
9	Are you meeting the standards of air pollution; from the incinerator, How many times in last year could not meet the standards?	NA, as we are sending all BMW to CBWTF		

S.No.	Particulars			
10	Details of Continuous online emission monitoring systems installed	NA		
11	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?		28,597 KL. Liquid Waste generated that are treated in Effluent treatment plant. The treated effluent meets the prescribed standards.	
12	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	NA	This is being done (Log 4 compliance) by CBMWTF	
13	<b>Any other relevant information</b>	NA	NA	

Certified that the above report is for the period from 01.01.2023 to 31.12.2023.

Date:

4/4/25

Place: Jamshedpur

Encl: 1. Annexure - I  
2. Annexure - II



**Dr. Vinita Singh**  
**General Manager (Medical Services)**  
**Tata Steel Limited**

## Minutes of Meeting

Name of the Meeting : Biomedical Waste Management Committee  
 Held On : 19/01/23  
 Time : 12:00 – 12.30PM  
 Agenda :

Members: -

Sl. No.	Designation / Appointment	Name
1	Chairman (CMSS)	Dr Ashok Chattoraj
2	Convener	Dr Minakshi Gupta
3	Head Admin	Dr Chirantan Bose*
4	Nursing Superintendent	Sr Mary Kutty Babu*
5	Sr Manager, Administration	Kumar Lilanand
6	Chairman ICC	Dr Srividhya*
7	Sr Rita Giri	Nodal Officer BMW*
8	TMH Clinics I/C	Dr Suravi Mohapatra
9	Baridih	Dr Suparna Paul
10	Sonari	Dr Vishakha Verma
11	Uliyan	Dr Niloy Sen*
12	Tubes	Dr Atul Chhabra
13	Sidhgora	Dr Subha Dey*
14	South Park	Dr Latika*
15	Kadma	Dr Durgesh Nandini
16	Sakch	Dr Seema Gupta

- Absent

Minutes	Responsibility	Date of Completion	Status
1.Compliance to BMW handling shared with members- audit findings of Infection control rounds given by ICNs	Dr Minakshi Gupta	19/01/23	Closed
2.Bags were not marked with ward names/source of generation uniformly throughout the hospital, Admin to give necessary instructions for compliance	Mr Lilanand	22/01/23	Open
3.Members informed about implementation of Bar-coding system, availability of consumables and training to Clinics, like that of TMH	Mr Lilanand	19/01/23	Closed
4. Inhouse generated cartons to be used for glass waste disposal- consensus decision by Committee	All Members	19/01/23	Closed

Shared with-All Attendees

Minuted By-Dr Minakshi Gupta

*Signature*  
 Dr. Minakshi Gupta, MD, Microbiology  
 Consultant  
 Dept. of Pathology & Laboratory Science  
 Reg. No.- 3797 (Jharkhand) TMH Code - 441  
 TATA MAIN HOSPITAL, Jamshedpur



### Minutes of Meeting

Name of the Meeting : Biomedical Waste Management Committee

Held On : 22/04/23

Time : 05:00 – 05.30PM

Agenda :

1. Revised circular of BMW Committee.
2. Any other issue

Members: -

Sl. No.	Designation / Appointment	Name
1	Chairman (CMSS)	Dr Ashok Chatteraj*
2	Convener	Dr Minakshi Gupta
3	Head Admin	Dr Chirantan Bose
4	Nursing Superintendent	Sr Mary Kutty Babu*
5	Sr Manager, Administration	Kumar Lilanand
6	Chairman ICC	Dr Srividhya
7	Sr Rita Giri	Nodal Officer BMW*
8	Dr Suravi Mohapatra	TMH Clinics I/C
9	Dr Suparna Paul	Baridih
10	Dr Vishakha Verma	Sonari
11	Dr Poonam	Uliyan
12	Dr Atul Chhabra	Tubes
13	Dr Subha Dey	Sidhgora
14	Dr Latika	South Park
15	Dr Durgesh Nandini	Kadma*
16	Dr Seema Gupta	Sakchi

- Absent

Minutes	Responsibility	Date of Completion	Status
1.BMW Compliance monitored ward wise as a part of IC audit tool, shared with members for the month of Jan, Feb and March	Dr Minakshi Gupta	22/04/23	Closed
2.Functioning of new autoclave for blood bag sterilisation and QC checks discussed with members	Dr Srividhya	22/04/23	Closed
3.Reconstitution of BMW Committee	Dr Minakshi Gupta	22/04/23	Open
4.Issue of sharp waste disposal raised in patient safety audit- Non-availability of white plastic- to be discussed during NABH committee presentation on 29 <sup>th</sup> Apr	Dr Srividhya Dr Minakshi Gupta	29/04/23	Open
Minutes	Responsibility	Date of Completion	Status
5 SOP Revisit and revision if required	Dr Minakshi Gupta	07/05/23	Open

Shared with-All Attendees

Minuted By-Dr Minakshi Gupta

Dr. Minakshi Gupta MD, Microbiology  
Consultant  
Dept. of Pathology & Laboratory Science  
Reg. No.- 3797 (Jharkhand), TMH Code - 441  
TATA MAIN HOSPITAL, Jamshedpur

### Minutes of Meeting

Name of the Meeting : Biomedical Waste Management Committee  
 Held On : 29/06/23  
 Time : 12:30 – 01.00PM  
 Agenda :

Members: -

Sl. No.	Designation / Appointment	Name
1	Chairman (CMSS)	Dr Mamta Rath Datta
2	Convener	Dr Minakshi Gupta
3	Head Admin	Dr Chirantan Bose*
4	Nursing Superintendent	Sr Mary Kutty Babu*
5	Sr Manager, Administration	Kumar Lilanand
6	Chairman ICC	Dr Srividhya
7	Sr Rita Giri	Nodal Officer BMW
8	TMH Clinics I/C	Dr Suravi Mohapatra
9	Baridih	Dr Suparna Paul
10	Sonari	Dr Vishakha Verma
11	Uliyan	Dr Niloy Sen*
12	Tubes	Dr Atul Chhabra
13	Sidhgora	Dr Subha Dey*
14	South Park	Dr Latika
15	Kadma	Dr Durgesh Nandini
16	Sakch	Dr Seema Gupta*

- Absent

Minutes	Responsibility	Date of Completion	Status
1.Compliance %age to BMW shared with members.	Dr Minakshi Gupta	29/06/23	Closed
2.Biomedical waste management committee reconstituted on 29/04/23	-Dr Minakshi Gupta	29/06/23	Closed (Dr Mamta Rath Datta – Chairman)
3. BMW Posters checked throughout the hospital as was instructed in NABH Committee presentation in SCG on 29 <sup>th</sup> Apr, for correct display of sharp waste; Patient safety audit checklist needs amendment	Dr Minakshi Gupta	15/05/23	Closed
4.Observations during visit to Adityapur waste treatment facility discussed with members- CTO shared was expired; Chairman instructed to send mail communication regarding this	Mr Lilanand Dr Minakshi Gupta	30/06/23	Open

Dr. Minakshi Gupta, MD, Microbiology  
 Consultant  
 Dept. of Pathology & Laboratory Science  
 Reg. No.- 3797 (Jharkhand), TMH Code - 441  
 MAIN HOSPITAL, Jamshedpur

Minutes	Responsibility	Date of Completion	Status
5 Issue of Biomedical waste autoclave breakdown informed to members; Sterilisation of discarded blood bags done through backup autoclave from Virology section of pathlab; Instruemnt under warranty and to be repaired by OEM	Biomedical Engn Dr Minakshi Gupta (to follow)	15/07/23	Open

Shared to-All members

Minuted By- Dr Minakshi Gupta

*Minakshi Gupta*  
Dr. Minakshi Gupta, MD, Microbiology  
Consultant  
Dept. of Pathology & Laboratory Science  
Reg. No.- 3797 (Jharkhand), TMH Code - 441  
TATA MAIN HOSPITAL, Jamshedpur



### Minutes of Meeting

Name of the Meeting : Biomedical Waste Management Committee  
Held On : 14/10/23  
Time : 12:30 – 01.00PM

Members;

Sl. No.	Designation / Appointment	Name
1	Chairman (CMSS)	Dr Mamta Rath Datta
2	Convener	Dr Minakshi Gupta
3	Head Admin	Dr Chirantan Bose*
4	Nursing Superintendent	Sr Mary Kutty Babu
5	Sr Manager, Administration	Kumar Lilanand
6	Chairman ICC	Dr Srividhya
7	Sr Rita Giri	Nodal Officer BMW
8	TMH Clinics I/C	Dr Suravi Mohapatra
9	Baridih	Dr Suparna Paul
10	Sonari	Dr Vishakha Verma*
11	Uliyan	Dr Niloy Sen*
12	Tubes	Dr Atul Chhabra
13	Sidhgora	Dr Subha Dey
14	South Park	Dr Latika
15	Kadma	Dr Durgesh Nandini
16	Sakch	Dr Seema Gupta
17	Invited Member	Prashant Ku Bhakat

- Absent

Minutes	Responsibility	Date of Completion	Status
1.Compliance monitoring to BMW discussed with members	Dr Minakshi Gupta	14/10/23	Closed
2.Mom of last BMW meeting discussed- BMW signages checked for sharp disposal, no change was done in SOP	Dr Srividhya	14/10/23	Closed
3.Document of CTO from Adityapur facility was received, information given to all members	Mr Prashant	14/10/23	Closed
4.Members informed about irregular pick-up of waste from Dispensaries by Adityapur, mail communication and liaisoning to be done	Mr Prashant Mr Lilanand	16/10/23	Open

Shared with – All members

Minuted By-Dr Minakshi Gupta

*My te*  
Dr. Minakshi Gupta, MD, Microbiology  
Consultant  
Dept. of Pathology & Laboratory Science  
Reg. No.- 3797 (Jharkhand), TMH Code - 441  
TATA MAIN HOSPITAL, Jamshedpur

# SUMMARY IN HOUSE TRAINING RECORDS Jan'23 to Dec'23

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
DOCTOR	18	19	18	14	18	19	21	22	15	52	30	23	269
NURSE	232	293	234	203	270	206	167	196	184	83	232	323	2623
PHYSIOTHERAPIST	2	1	0	1	1	0	1	0	0	1	0	1	8
TECHICIAN(DENTAL,EYE,Echmo & OT)	28	14	23	10	22	9	24	20	22	4	1	22	199
DRESSER	13	6	15	9	13	12	9	14	9	7	6	12	125
WS	21	24	20	22	19	19	16	26	23	0	23	3	216
HA	111	99	84	77	115	85	51	90	85	38	134	162	1131
	425	456	394	336	458	350	289	368	338	185	426	546	4571

Date of session conducted

10, 25	20, 25	16, 25	20, 25	17, 25	21, 25	25	18, 25	10, 25	25	26, 28	20, 25
--------	--------	--------	--------	--------	--------	----	--------	--------	----	--------	--------

Dr. Minakshi Gupta, M.D., Microbiology  
 Assistant Laboratory Scientist  
 Dept. of Pathology & Laboratory Sciences  
 Reg. No. 31517 (Jawahar Institute of Postgraduate Medical Education & Research, Pondicherry)  
 TATA

Signature  
 P. No. - 148832

TATA MAIN HOSPITAL, Jamshedpur  
 Infection Control Nurse



SAMPLE

ATTENDANCE  
SHEET OF TRAINING

# RARE HOSPITALITY & SERVICES PVT. LTD.

CONTROLLED

Rare Hospitality & Services Pvt. Ltd.

Document no:

Revision No: 01

RHS/OPS/01:

Revision Date: 01/11/08



## TRAINING RECORD SHEET

DATE: 16-11-2023

SITE: TATA MAIN Hospital

TIME: FROM 1:20 PM TO 2:05 PM

TRAINER: Rakesh Sarna

TOPICS COVERED: Bio Medical Waste Management.

SL NO	NAME OF TRAINEE	SIGNATURE OF TRAINEE	REMARKS
1	Rajeshwari	12/11/23/14/14	Good
2	J. Chundamani	J. Ch	
3	Murkhi	Murkhi	
4	Angali Das Chandra	Angali Das Chandra	
5	Holena Murkhi	Holena Murkhi	
6	Mala Devi	Mala Devi	
7	Sooma Devi	Sooma Devi	
8	Tulsi Nay	Tulsi Nay	
9	Sushila Devi	Sushila Devi	
10	Prasanna	Prasanna	
11	Sadho Ram Singh	Sadho Ram Singh	
12	Grounder	Grounder	
13	Sudama K	Sudama K	
14	Vileha Murkhi	Vileha Murkhi	
15	Homin Devi	Homin Devi	
16	Chetia Murkhi	Chetia Murkhi	
17	Noana Murkhi	Noana Murkhi	
18			TRAINER SIGNATURE
19			
20			

CLIENT SIGNATURE:

SITE IN CHARGE SIGNATURE:

MANAGEMENT ADMINISTRATION  
TATA MAIN HOSPITAL

RARE HOSPITALITY & SERVICES PVT. LTD.

BRANCH HEAD