



TSM/SPCB/BS-39/2023-01/292
January 31,2023

The Member Secretary
State Pollution Control Board, Odisha
A/118, Paribesh Bhawan
Nilakanthanagar, Unit-VIII
Bhubaneswar -751012

Subject: Submission of Annual report under Bio-Medical Waste (Management and Handling) Rules,2016.

Reference: Authorization no.3932/IND-IV-BW-2151, dated.27.03.2020.

Dear Sir,

This has reference to the captioned subject and letters cited above. Please find enclosed herewith annual report of Bio-Medical waste generation, collection, treatment, and storage in Form-IV for the period from January to December 2022. This is in compliance to the Bio-Medical Waste (Management & Handling) Rules,2016 and amendment made thereafter.

This is for your kind information and necessary action.

Thanking you,

Yours faithfully,
For Tata Steel Limited

Anoop Srivastava
Chief Environment, TSM

Encl: Annual report in Form-IV

Copy to: The Regional Officer, State Pollution Control Board, Odisha, Angul

TATA STEEL LIMITED

Narendrapur Kusupanga Meramandali Dhenkanal 759 121 Odisha India Tel 91 6762 352000
Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India Tel 91 22 66658282 .Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

Form-IV
(See rule 13)
ANNUAL REPORT

(To be submitted to the prescribed 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 authorized person (occupier or operator of facility)	: Sri Subodh Pandey (VP Operation, TSM)
	(ii) Name of HCF or CBMWTF	: Tata Steel Limited, Meramandali
	(iii) Address for Correspondence	: Tata Steel Limited : Narendrapur, Kusupanga, Meramandali, Dhenkanal-759121
	(iv) Address of Facility	: Same as point No. iii.
	(v) Tel.No, fax. No.	: 91-6764-229800,229853
	(vi) E-mail ID	: ashish.mahapatra@tatasteel.com : anoop.srivastava@tatasteel.com
	(vii) URL of Website	: www.tatasteel.com/home.html
	(viii) GPS coordinates of HCF or CBMWTF	: 20° 48' 30.11" N : 85° 15' 12.62" E
	(ix) Ownership of HCF or CBMWTF	: Private
	(x) Status of Authorization under the Bio-medical waste (Management and Handling Rules)	: Authorization no.3932/IND-IV-BM-2151 dated 27.03.2020, Valid up to 31.03.2025
	(xi) Status of Consents under Water Act and Air Act	: No.4048/IND-I-CON-5440 dated 17.03.2021 valid up to 31.03.2023
2.	Type of Health Care Facility	: Primary Health Care Facility
	(i) Bedded Hospital	: No. of beds: 5 nos.
	(ii) Non-bedded hospital (Clinic or Blood bank or Clinical laboratory or Research institute or Veterinary Hospital or any other)	: NA
	(iii) License number and its date of expiry	: DL-95 dated 01.01.2022 Valid up to 31.12.2031 (Factory License)
3.	Details of CBMWTF	Not Applicable
	(i) Number healthcare facilities covered by CBMWTF	
	(ii) No of beds covered by CBMWTF	

	(iii) Installed treatment and disposal capacity of CBMWTF	:																																																	
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:																																																	
4.	Quantity of waste generated or disposed in Kg per annum.	:	Yellow Category :69.06 kg																																																
		:	Red Category : 264.52 kg																																																
		:	White Category : 2.77 kg																																																
		:	Blue Category :47.89 kg																																																
5.	Details of the Storage,treatment,transportation,processing and disposal facility																																																		
	(i) Details of the on-site storage facility		Size : 5' dia,12' depth																																																
		:	Capacity : 6.6 m ³																																																
			Provision of on-site storage: NA																																																
	(ii) Disposal facility		<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>3</td> <td>Potable Steel autoclave</td> <td>-</td> </tr> <tr> <td>Microwave</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Hydro-clave</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 Sharps</td> <td>4</td> <td>Manual</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>3</td> <td>2m dia,2m depth</td> <td></td> </tr> <tr> <td>Chemical Disinfection</td> <td>01</td> <td>-</td> <td>-</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	3	Potable Steel autoclave	-	Microwave	-	-	-	Hydro-clave	-	-	-	Shredder	-	-	-	Needle tip cutter or destroyer Sharps	4	Manual	-	Encapsulation or concrete pit	0	NA	NA	Deep burial pits	3	2m dia,2m depth		Chemical Disinfection	01	-	-	Any other treatment equipment	0	NA	NA
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	(iii) Quality of recyclable wastes sold to authorized recyclers after treatment in kg per annum	:	Nil		
	(iv) No of vehicle used for collection and transportation of biomedical waste	:	Nil		
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in kg per annum	:		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.Sani Clean Pvt.Ltd. Khurda		
	(vii) List of member HCF not handed over bio-medical waste	:	NA		
6.	Do you have bio-medical waste management committee? Yes/No	:	Yes		
7.	Details training conducted on BWM				
	(i) Number of trainings conducted on BMW management.	:	Quarterly Once		
	(ii) Number of personnel trained	:	280		
	(iii) Number of personnel trained at the time of induction	:	100%		
	(iv) Number of personnel not undergone any training so for	:	Nil (Zero), All Paramedical Staff & Health care workers undergone for BMW training		
	(v) Whether standard manual for training is available?	:	Yes		
	(vi) Any other information	:	-		
8.	Details of the accident occurred during the year	:	NO		
	(i) Number of accidents occurred	:	Nil		
	(ii) Number of Persons affected	:	Nil		
	(iii) Remedial Action taken (Please attach details if any)	:	-		
	(iv) Any Fatality occurred, details	:	-		
9.	Are you meeting the standards of air pollution from the incinerator? How many time in last year could not met the standards. Details of continuous online emission monitoring system installed.	:	NA		

10.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Yes (Liquid waste generated from testing lab is being disinfected by Sodium hypochlorite and discharge into soak pit).
11.	Is the disinfection method of sterilizer meeting the log 4 standards? How many times you have not met the standards in a year?	:	
12.	Any other relevant information	:	NA

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

Date: 31.01.2023

Place: Tata Steel Limited, Meramandali



Name and Signature
Dr. ASHISH MAHAPATRA
MBBS, MD SPECIALIST
Reg. No-17246/09
TATA STEEL, MERAMANDALI