



EMD/C-27 /100 /2022

June 23, 2022

Member Secretary

Jharkhand State Pollution Control Board

T.A. Division Building

HEC Campus, Dhurwa

RANCHI- 834 004

Subject: Submission of Annual Report for the calendar year 2021 of Dispensary and First Aid Centre, Tata Growth Shop at Gamharia under Bio-Medical Waste Management Rules, 2016 & its amendment.

Reference:

1. One-time Authorization vide Ref no. JSPCB/RO/JSR/BMW-7544608/2020/17 dated 16-03-2020.
2. One-time Authorization vide Ref no. JSPCB/RO/JSR/BMW-7545302/2020/13 dated 16-03-2020.

Dear Sir,

This has reference to captioned subject that we are submitting herewith the Annual Report for the calendar year 2021 of Dispensary and First Aid Centre, Tata Growth Shop at Gamharia of Tata Steel Limited, Jamshedpur under rule of 13 of Bio-Medical Waste Management Rules, 2016 for your kind information and perusal please.

We trust you will find the report in order.

Thanking you

Yours faithfully,

For Tata Steel Limited

Anoop Srivastava

Anoop Srivastava

Head, Environment Monitoring Testing & Analysis (TSJ)

TATA STEEL LIMITED

Jamshedpur 831 001 India

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

Enclosures as above

Copy to: Regional Officer, Jharkhand State Pollution Control Board,
Jamshedpur

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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 2021, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF).]

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 Steel Growth Shop Dispensary
	(iii) Address for Correspondence	Gamharia-832108
	(iv) Address of Facility	Tata Steel Growth Shop, Gamharia
	(v) Tel. No, Fax. No	9297953516
	(vi) E-mail ID	RATNESH.SINGH@TATASTEEL.COM
	(vii) URL of Website	www.tatagrowthshop.co.in
	(viii) GPS coordinates of HCF or CBMWTF	Latitude 22.826 Longitude 86.084
	(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	Valid JSPCB/RO/JSR/BMW-7544608/2020/17 dt. 16/03/2020. Valid up to period of one-time years from the date of issue.
	(xi). Status of Consents under Water Act and Air Act	NA
2	Type of Healthcare Facility	
	(i) Bedded Hospital	Non-Bedded
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or	1. TMH Clinic TGS

S.No.	Particulars		
	Research Institute or Veterinary Hospital or any other)	Note: Bio-Medical waste of all non-bedded hospital comes centrally to TMH and then send for disposal to CBMWTF	
	(iii) License number and its date of expiry	Provisional Registration No- 2036900199 Date of Issue- 12/03/2022 Valid for one year from the date of issue.	
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		----- Kg Per day
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis & Yearly)	Yellow Category: Monthly Average 2.21 kg	Yellow Category 26.56 kg
		Red Category: Monthly Average 2.24 kg	Red Category: 26.87 kg
		White: Monthly Average 0.14 kg	White: 1.69 kg
		Blue Category: Monthly Average 0.98 kg	Blue Category :11.71 kg
5	Details of the Storage, treatment, transportation, processing and Disposal Facility	Segregation, Color coded bins, covered trolley, Transportation.	
	(i) Details of the on-site storage facility	NA	
	(ii) Disposal facilities Type of treatment Equipment: No of units Capacity: Quantity Treated or disposed in kg per annum Incinerator ETP Plasma Pyrolysis Autoclaves Microwave Shredder	NA NA NA	

S.No.	Particulars		
	Needle tip cutter or destroyer Sharps encapsulation or concrete pit – Deep burial pits: Chemical disinfection: - Any other treatment	NA NA NA	
	(iii) Quantity of recyclable wastes sold authorized recyclers after treatment in kg per annum	NA	
	(iv) No of vehicles used for collection and transportation of biomedical waste	One	
	v)Details of ETP sludge generated and disposed during the treatment of wastes in Kg per annum		
	(vi) Name of the Common Bio-Medical Waste — Treatment Facility Operator through which wastes are disposed of	Adityapur Waste Management Pvt. Ltd., (Seraikela 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 Meeting attached. As Annexure-II
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)	06 nos. 04 nos. BMW Handlers trained (apart from all other staff) 100% induction to all staff joining organization Nil Yes	Training Details attached
8	Details of the accident occurred during the year (i) Number of Accidents occurred	Nil	
	(ii) Number of the persons affected	Nil	
	(iii) Remedial Action taken (Please attach details if any)	NA	
	(iv) Any Fatality occurred	Nil	

S.No.	Particulars		
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 BWM to TMH	
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?	NA	
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	
13	Any other relevant information	NA	NA

Certified that the above report is for the period from 01.01.2021 to 31.12.2021

Date: 23-06-2022

Place: Jamshedpur

**Encl: 1. Annexure-I
2. Annexure-II
3. Annexure-III**

Anoop Srivastava

**Anoop Srivastava
Head Env't. Monitoring Testing & Analysis(TSJ)**

Annexure-I

TGS Dispensary

Details of Bio Medical Waste Generation (2021)

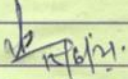
Category (Wt. in gms)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2021
Yellow	1890	2300	2750	2175	1880	2900	2545	1050	3370	2050	2000	1650	26560
Red	1890	2130	2290	2450	2300	2450	2310	750	3700	2400	2950	1250	26870
White (Translucent)	170	140	260	215	140	175	107	90	145	60	92	100	1694
Blue	1090	970	1100	1025	1305	770	1200	750	975	675	1150	700	11710
Total Waste (gm)	5040	5540	6400	5865	5625	6295	6162	2640	8190	5185	6192	3700	66834
Total Waste (Kg)	5.04	5.54	6.40	5.87	5.63	6.30	6.16	2.64	8.19	5.19	6.19	3.70	66.83

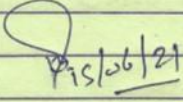
Annexure-II

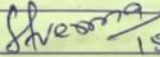
DATE :- 15th June-2021.

MINUTES OF THE MEETINGS :-

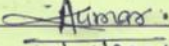
- 1.) Committee formed on this page date.
- 2.) Continuation of use of colour coded BMW plastics bags.
- 3.) Non-chlorinated BMW bags are in use.


DR. O.P. PANDEY
DR. O. P. PANDEY
MBBS, D.M. DEM, D.H.M.
SR. REGISTRAR, REG. No. 33811 (EMC)
TATA STEEL LIMITED
Adityapur Complex
TMH Code-702


DR. VIVEK SHARMA
Dr. VIVEK SHARMA
MBBS
Sr. Registrar
TATA STEEL LIMITED
Adityapur Complex
S.P. VERMA


15/06/2021

ANIL KUMAR.


15/06/2021.

Annexure-III

TGS/QMT/05-3

	TGS	TRAINING RECORD	Date: 17.02.2022		
Department: MEDICAL		Venue: TGS DISPENSARY	Duration: 45 Min		
Course Detail: TRAINING TO BIOMEDICAL WASTE HANDLERS AT TGS DISPENSARY & OHC.					
Faculty: DR. O.P. Pandey, Sr. Registrar					
Sl. No.	Name of Participant	Designation	P.No./G.P.	Signature	Remarks by Faculty
1.	Dinesh Tyodishi	Dresser	TSP/918787	<i>[Signature]</i>	
2.	Amand Mahto	Dresser	TSP/921104	<i>[Signature]</i>	
3.	Samal Mahto	Helper		Samal Mahto	
4.	Kisto Mukhi	Helper	Mahto	Kisto	
5.	Anil Kumar	Pharmacist		<i>[Signature]</i>	
6.	Vishal Paswan	Dresser	TSP/921103/0322	Vishal Paswan	
7.	Rakesh Kumar	Pharmacist	TSP/921105/0322	R.Kumar	
For QMT use only Entered by <i>[Signature]</i>		Departmental Head	<i>[Signature]</i> DR. O.P. PANDEY SR. REGISTRAR, Reg. No.33811 (BMC) TATA STEEL LIMITED Adityapur Complex TMH Code-702		

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(See rule 13)
ANNUAL REPORT

Bio-Medical Waste Management Rules, 2016.

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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	TGS OHC	
	(iii) Address for Correspondence	TGS Gamharia-832108	
	(iv) Address of Facility	TGS OHC, Gamharia	
	(v) Tel. No, Fax. No	9297953081	
	(vi) E-mail ID	RATNESH.SINGH@TATASTEEL.COM	
	(vii) URL of Website	www.tatagrowthshop.co.in	
	(viii) GPS coordinates of HCF or CBMWTF	Latitude 22.825 Longitude 86.089	
	(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	Applied	JSPCB/RO/JSR/BMW-7545302/2020/13 dt. 16/03/2020. Valid up to period of one-time year from the date of issue.
	(xi). Status of Consents under Water Act and Air Act	NA	
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S.No.	Particulars		
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	(iii) License number and its date of expiry	Provisional Registration no. 2036900176 Date of Issue- 12/03/2022. Valid for one year from the date of issue	
3	Details of CBMWTF	Not Applicable	
	(i) Number healthcare facilities		
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	(iv) Quantity of biomedical waste treated or disposed by CBMWTF		
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis & Yearly)	Yellow Category: Monthly Average: 0.81 Kg	Yellow Category 9.67 kg
		Red Category: Monthly Average: 0.75 Kg	Red Category: 8.98 kg
		White: Monthly Average : 0.07 Kg	White: 0.908 kg
		Blue Category: Monthly Average: 0.2 Kg	Blue Category :2.40 kg
5	Details of the Storage, treatment, transportation, processing and Disposal Facility	Segregation, Color coded bins, covered trolley, Transportation.	
	(i) Details of the on-site storage facility	NA	
	(ii) Disposal facilities Type of treatment Equipment: No of units Capacity: Quantity Treated or disposed in kg per annum Incinerator ETP Plasma Pyrolysis Autoclaves Microwave Shredder	NA NA NA	

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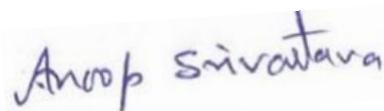
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13	Any other relevant information	NA	NA

Certified that the above report is for the period from 01.01.2021 to 31.12.2021

Date: 23-06-2022

Place: Jamshedpur

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

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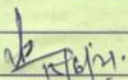
Category (Wt. in gms)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2021
Yellow	2340	1190	1010	1040	840	790	810	440	950	75	85	100	9670
Red	2460	1160	950	1020	810	670	890	460	350	50	60	100	8980
White (Translucent)	134	365	100	61	91	37	36	19	10	05	15	25	908
Blue	1370	140	305	150	68	24	17	14	200	25	40	50	2403
Total Waste (gm)	6304	2855	2365	2271	1809	1521	1753	933	1510	155	200	275	21951
Total Waste (Kg)	6.30	2.86	2.37	2.27	1.81	1.52	1.75	0.93	1.51	0.16	0.20	0.28	21.95

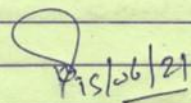
Annexure-II

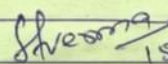
DATE :- 15th June-2021.

MINUTES OF THE MEETINGS :-

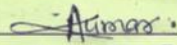
- 1.) Committee formed on this page date.
- 2.) Continuation of use of colour coded BMW plastics bags.
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S.P. VERMA


15/06/2021

ANIL KUMAR.


15/06/2021.

Annexure-III

TGS/QMT/05-3

TGS		TRAINING RECORD		Date: 17.02.2022	
Department: MEDICAL		Venue: TGS DISPENSARY	Duration: 45 Min		
Course Detail: TRAINING TO BIOMEDICAL WASTE HANDLERS AT TGS DISPENSARY & OHC.					
Faculty: DR. O.P. Pandey, Sr. Registrar					
Sl. No.	Name of Participant	Designation	P.No./G.P.	Signature	Remarks by Faculty
1.	Dinesh Jyotishi	Dresser	TSP/918787		
2.	Amand Mahto	Dresser	TSP/921104		
3.	Samal Mahto	Helper			
4.	Kisto Mukhi	Helper	Mahto		
5.	Anil Kumar	Pharmacist			
6.	Vishal Paswan	Dresser	TSP/921103/0322		
7.	Rakesh Kumar	Pharmacist	TSP/921103/0322		
For QMT use only		Departmental Head		Signature of Faculty	
Entered by					

DR. O.P. PANDEY
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