



**TATA**

**TATA STEEL HOSPITAL, JODA**

JCO/7/301/130  
Dated: 30.06.2017

To,

**The Member Secretary,  
Orissa Pollution Control Board  
A/118, Nilkantha Nagar,  
Paribesh Bhawan, Unit – VII  
Bhubaneswar – 751012  
Dist: Khurda, Orissa**

**Sub: Annual Report of Bio-Medical Waste for the year 2016**

Dear Sir,

We are enclosing herewith the Annual Report of Bio-medical wastes, handled and managed at our mines during the year 2016, in Form - IV (Rule 13) of Bio-Medical Waste Management Rules 2016 and amendment thereafter.

Thanking you.

Yours faithfully,  
f: Tata Steel Ltd.

**(Dr.Ashok Kumar Ray)  
Chief Medical Officer  
I/C Tata Steel Hospital, Joda**

**Copy to: Regional Officer, Orissa State Pollution Control Board, Keonjhar.**

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

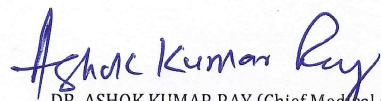
[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

Sl. No.	Particulars																																																				
1	Particulars of the Occupier																																																				
	(i) Name of the authorised person (occupier or operator of facility)	: Dr. Ashok Kumar Ray																																																			
	(ii) Name of HCF or CBMWTF	: Tata Steel Hospital, Joda																																																			
	(iii) Address for Correspondence	: Tata Steel Hospital, Joda west P.O.-Joda, Keonjhar-758034, Odisha.																																																			
	(iv) Address of Facility	: Tata Steel Hospital, Joda west P.O.-Joda, Keonjhar-758034, Odisha.																																																			
	(v) Tel. No, Fax. No :	: 9238306326																																																			
	(vi) E-mail ID :	: ak.roy@tatasteel.com																																																			
	(vii) URL of Website	: <a href="http://www.tatasteelindia.com/">http://www.tatasteelindia.com/</a>																																																			
	(viii) GPS coordinates of HCF or CBMWTF	: 22°06'47.5"N & 84°29'22.1"E																																																			
	(ix) Ownership of HCF or CBMWTF	: Private																																																			
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No. IND-IV-BW-186, Valid upto: 31.03.2019 Renewal Applied online vide application no. -515058 dt. 28.01.2016																																																			
(xi) Status of Consents under Water Act and Air Act	: Applied online vide application no. - 515058																																																				
2	Type of Health Care Facility																																																				
	(i) Bedded Hospital	: 75																																																			
	(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	: IND-IV-BW-186/SPBC/Authorization(bio-medical waste) Exp-31.03.2019																																																				
3	Details of CBMWTF																																																				
	(i) Number healthcare facilities covered by CBMWTF	: NA																																																			
	(ii) No of beds covered by CBMWTF	: NA																																																			
	(iii) Installed treatment and disposal capacity of CBMWTF	: NA																																																			
(iv) Quantity of biomedical waste treated or disposed by CBMWTF	: NA																																																				
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	: Yellow Category : 394 Kg Red Category : 188 Kg White : 104.18 Kg Blue Category : 384 Kg General Solid waste : 1.7 Tonn																																																			
	5	Details of the Storage, treatment, transportation, processing and Disposal Facility																																																			
		(i) Details of the on-site storage facility	: Length: 20 f, Width: 22 f, Height: 9 f Capacity : 900 ft <sup>3</sup> Provision of on-site storage (cold storage or any other provision) : Does not Required																																																		
		(ii) Disposal facilities	: <table border="1" style="display: inline-table; vertical-align: top;"> <thead> <tr> <th>Type of treatment Equipment</th> <th>No. of Units</th> <th>Capacity (Kg/day)</th> <th>Quantity treated or disposed/Annur</th> </tr> </thead> <tbody> <tr> <td>Incinerators</td> <td>1</td> <td>3</td> <td>218 Kg</td> </tr> <tr> <td>Plasma Pyrolysis</td> <td>0</td> <td>0</td> <td>NA</td> </tr> <tr> <td>Autoclaves</td> <td>1</td> <td>20</td> <td>203 kg</td> </tr> <tr> <td>Microwave</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Hydroclave</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Shredder</td> <td>1</td> <td>4</td> <td>188.30 kg</td> </tr> <tr> <td>Needle tip cutter or destroyer</td> <td>6</td> <td></td> <td>104 kg</td> </tr> <tr> <td>Sharps Encapsulation or concrete pit</td> <td>1</td> <td>0</td> <td>104 kg</td> </tr> <tr> <td>Deep burial pits</td> <td>1</td> <td>As per standard</td> <td>173.01kg</td> </tr> <tr> <td>Chemical disinfection</td> <td>1% Na2Cl</td> <td>12 kg Bucket</td> <td>For internal use or</td> </tr> <tr> <td>Any other treatment equipment</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Type of treatment Equipment	No. of Units	Capacity (Kg/day)	Quantity treated or disposed/Annur	Incinerators	1	3	218 Kg	Plasma Pyrolysis	0	0	NA	Autoclaves	1	20	203 kg	Microwave	0	0	0	Hydroclave	0	0	0	Shredder	1	4	188.30 kg	Needle tip cutter or destroyer	6		104 kg	Sharps Encapsulation or concrete pit	1	0	104 kg	Deep burial pits	1	As per standard	173.01kg	Chemical disinfection	1% Na2Cl	12 kg Bucket	For internal use or	Any other treatment equipment			
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(iii) Quantity of recyclable wastes sold to authorized recyclers after treatment in kg per annum	: Nil																																																				
(iv) No of vehicles used for collection and transportation of biomedical waste	: Not Applicable because all the waste is being treated inside the hospital only																																																				
(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 Ash		15 kg	Ash pit																																																	
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	: NA																																																				
(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 meetings held during the reporting period	:	No
7	Details trainings conducted on BMW		
	(i) Number of trainings conducted on BMW Management	:	8
	(ii) number of personnel trained	:	70
	(iii) number of personnel trained at the time of induction	:	Not applicable because of no new entry
	(iv) number of personnel not undergone any training so far	:	30
	(v) whether standard manual for training is available?	:	Yes
8	Details of the accident occurred during the year		
	(i) Number of Accidents occurred	:	0
	(ii) Number of the persons affected	:	NA
	(iii) Remedial Action taken (Please attach details if any)	:	NA
	(iv) Any Fatality occurred, details.	:	NA
9	Are you meeting the standards of Air Pollution from the incinerator?	:	YES
	How many times in last year could not met the standards?	:	0
	Details of Continuous online emission monitoring systems installed	:	No
10	Liquid waste generated and treatment methods in place How many times you have not met the standards in a year?	:	0
11	Is the disinfection method or sterilization meeting the log 4 standards?	:	Yes
	How many times you have not met the standards in a year?	:	0
12	Any other relevant information	:	Air Pollution Control Devices attached with the Incinerator

Certified that the above report is for the period from 01.01.2016 - 31.12.2016.

Date :  
Place : Joda

  
DR. ASHOK KUMAR RAY (Chief Medical Officer)  
Name and Signature of the Head of the Institution