



Ref: ISWP/JSPCB/BMW-Hospital/ 199/2018-19

Dated: 16.05.2019

To,
The Member Secretary,
Jharkhand State Pollution Control Board
T.A. Division Building Complex (Ground Floor)
HEC, Dhurwa
Ranchi- 834004

Sub: Submission of Return of Bio-medical Waste (Management and Handling) Rule 2016, on Form-IV for the year 2018-19

Sir,

Herewith enclosed duly signed **Form-4 for Bio-medical Waste Return** for the financial year **2018-19**
This is for your information and record please.

Thanking You

Yours Faithfully,

For **THE INDIAN STEEL & WIRE PRODUCT LTD**


(P.K. OJHA)
D.G.M (SHE DEPT.)
The Indian Steel & Wire Products Ltd.
P.O. Indranagar, Jamshedpur - 831008

CC:

The Regional Officer,
Jharkhand State Pollution Control Board
MB-15 Adityapur.
Jamshedpur -831013

Encl: Form-IV



THE INDIAN STEEL & WIRE PRODUCTS LIMITED
(A Subsidiary of Tata Steel Limited)

Registered Office: Flat - 7D & E, 7th Floor, Everest House, 46 C Chowringhee Road, Kolkata - 700 071, West Bengal, India

Corporate & Works Office: Indranagar, Jamshedpur 831 008, Jharkhand, India, Phone: +91 657 6690524

**From -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)]

S.No	Particulars		
1.	Particulars of the Occupier	:	
	(i) Name of the authorized person (occupier or operator of facility)	:	Dr. Narendra Jha
	(ii) Name of HCF or CBMWTF	:	ISWPL Hospital
	(iii) Address for Correspondence	:	The Indian Steel and Wire Product Limited, Indranagar, Jamshedpur, Pin-831004, Jharkhand
	(i) Address of Facility	:	The Indian Steel and Wire Product Limited, Indranagar, Jamshedpur, Pin-831004, Jharkhand
	(ii) Tel. No. Fax. No.	:	0657-6512716
	(V) E-mail ID	:	dr.njha@tatasteel.com
	(i) URL of Website	:	www.iswp.co.in/index.php
	(ii) GPS coordinates of HCF of CBMWTF	:	Latitude- 22.7741536 Longitude- 86.2346827
	(iii) Ownership of HCF of CBMWTF	:	Private Limited Company
	(iv) Status of Authorization under the Bio-Medical Waste (Management and Handling) Rules.	:	Authorization No- JSPCB/HO/RNC/BMW-1520436/2017/34 valid upto 31-05-2021
	(v) Status of Consents under Water Act and Air Act.	:	JSPCB/HO/RNC/CTO-1511040/2017/956 valid upto 31.05.2021
	2.	Type of Health Care Facility	:
(i) Bedded Hospital		:	15 beds
(ii) Non-Bedded Hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other)		:	
(iii) License number and its date of expiry.		:	JSR-42(20)2013, JSR-42A(21)2013 Valid up to-11.04.2023
3.	Details if CBMWTF	:	
	(i) Number healthcare facilities covered by CBMWTF	:	Not Applicable
	(ii) No. of beds covered by CBMWTF	:	
	(iii) Installed treatment and disposal capacity of CBMWTF	:	
	(iv) Quantity of biomedical waste treated or disposal by CBMWTF	:	
	:		
4.	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	
	Yellow category:	:	111.2 KG /Annum
	Red Category:	:	146.5 KG/Annum
	White:	:	3.0 KG/Annum
	Blue Category:	:	28 KG/Annum
	:	General Solid waste: NIL	
5.	Details of the Storage , treatment, transportation, processing and Disposal Facility:	:	
		:	NIL
	i)Details of the on-site storage facility	:	Size: Color coded bins for different category are kept Capacity: NIL Provision of on-site storage : (cold storage or any other provision)

(ii) Disposal Facilities	Type of Treatment equipment	No of Units	Capacity Kg/day	Quantity treated or disposed In Kg per Annum						
	Incinerator	All these treatment and disposal is done at TMH Hospital. TMH has taken approval note from JSPCB for treatment and disposal.								
	Plasma Paralysis									
	Autoclaves									
	Microwave									
	Hydroclave									
	Shredder	Nil								
	Needle tip cutter or destroyer	2	50 Kg/ D	3Kg/d						
	Sharps encapsulation or concrete pit	-----	-----	-----						
	Deep Burial pits	-----	-----	-----						
	Chemical disinfection	1	10 KL/ D	3-4 KL/D						
	Any other treatment equipment	-----	-----	-----						
(iii) Quantity of recyclable wastes sold to authorize recyclers after treatment in kg per annum.	Red Category (like plastic, glass etc.) All are treated at TMH hospital.									
(iv) No of vehicles used for collection and transportation of biomedical waste.	One Vehicle is used for transportation and it is an authorized vehicle of TMH.									
(v) Details of incineration ash and ETP sludge generated and disposal during the treatment of wastes in Kg per annum).	<table border="1"> <thead> <tr> <th>Quantity Generated</th> <th>Where Disposal</th> </tr> </thead> <tbody> <tr> <td>Incineration Ash- NIL</td> <td>TMH</td> </tr> <tr> <td>ETP Sludge- Not applicable</td> <td>Not applicable</td> </tr> </tbody> </table>		Quantity Generated	Where Disposal	Incineration Ash- NIL	TMH	ETP Sludge- Not applicable	Not applicable		
Quantity Generated	Where Disposal									
Incineration Ash- NIL	TMH									
ETP Sludge- Not applicable	Not applicable									
(vi) Name of the Common Bio-Medical Waste Treatment Facility Operator through which wastes are disposed of	Tata Main Hospital, Jamshedpur									
(vii) List of member HCF not handed over bio-medical waste.	List Attached									
6 Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period.	Not Applicable									
7 Detail trainings conducted on BMW.										
(i) Number of training conducted on BMW Management.	2 nos									
(ii) Number of personnel trained	13									
(iii) Number of personnel trained at the time of induction	Nil (No New joined)									
(iv) Number of personnel not undergone any training so far.	Nil									
(v) Whether standard manual for training is available?	Yes									
(vi) Any other information)	Nil									
8 Details of the accident occurred during the year	Form-1 Attached									
(i) Number of Accidents occurred	Nil									
(ii) Number of the persons affected	Nil									

	(iii) Remedial Action taken (Please attach details if any)	
	(iv) Any Fatality occurred, details.	Nil
9.	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could not met the standards?	Not Applicable
10.	Details of Continuous online emission monitoring systems installed	Not Applicable
11.	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year.	Yes, it is first disinfected in a pit and then send to STP for further treatment.
12.	It the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	Yes
13.	Any other relevant information	(Air Pollution Control Device attached with the incinerator.) Not Applicable

Certified that the above report is for the period from Apr'18 to Mar'19.

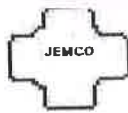
Nalendra Kumar
16/5/19

Name and Signature of the Head of the Institution

Date: 16.05.19

Place: ISWP Hospital, Jamshedpur

THE INDIAN STEEL & WIRE PRODUCTS LTD.
RECORD OF TRAINING PROGRAMME



Type of Program: (Tick Mark)

Behavioral / Technical

Number of Participants : 6

Sheet 1
Training on Bio medical
Waste management

Training Code :

Trainers Name :

Dr. Kr. Akhara

Date:

16/5/18

Timings :

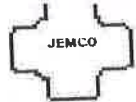
11:00 am

VENUE:

S.No.	Gate Pass No	Name	Department	Contact No. (Mobile)	Signature of Participant
1		Samresh Kumar	Medical		<i>[Signature]</i>
2		M.S.S. Mansuri			<i>[Signature]</i>
3		Sonu Mukhi	Medical		Sonu mukhi
4		Prabhakar Maity	Medical		Prabhakar
5		Moumita Dey	Medical		<i>[Signature]</i>
6		Seema Devi	Medical		सीमा देवी
7					
8					
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[Signature]

THE INDIAN STEEL & WIRE PRODUCTS LTD.
RECORD OF TRAINING PROGRAMME



Type of Program: (Tick Mark)
Behavioral / Technical
Number of Participants : 7

*Training of Biomedical
Waste management*

Training Code :
Trainers Name : Dr. K. Abha
Date: 2/1/19.
Timings : 4:00 PM

VENUE:

S.No.	Gate Pass No	Name	Department	Contact No. (Mobile)	Signature of Participant
1		Sonu Mukhi	Medical		<i>Sonu mukhi</i>
2		Saraswati	u		<i>सaraswati</i>
3		Seema Devi	u		<i>सीमा देवी</i>
4		Shezla	u		<i>Shezla</i>
5		Paalibha Maity	u		<i>Paalibha</i>
6		MSS Masuri	u		<i>MSS Masuri</i>
7		Pinky Devi	u		<i>Pinky Devi</i>
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Abha

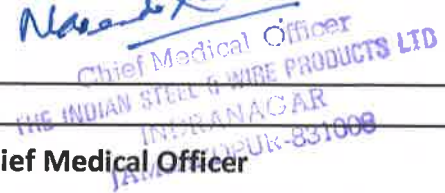
Form-1

See Rule 4(o), 5(i) and 15(2)

Accident Reporting

1	Date and Time of Accident	Nil	No any such
2	Type of Accident	Nil	No any such
3	Sequence of Events leading to the accident	Nil	No any such
4	Has the authority being informed immediately	Nil	No any such
5	The type of waste involved in the accident	Nil	No any such
6	Assessment of the affect of accident on human health and environment	Nil	No any such
7	Emergency Measures taken	Adequate measures will be taken in case of any such incident	
8	Steps taken to alleviate the affects of accident	Nil	No any such
9	Steps taken to prevent the recurrence of such accidents	All necessary measures will be taken to prevent recurrence	
10	Does your company has emergency control policy, If yes please give details	ISWP Hospital doesn't have any separate emergency control policy. However, various emergency measures such as fire extinguisher, day-night 24 hrs ambulance sewrvice, all the ward and rooms are regulary being monitored by sister In-charge and Medical officer. The hospital is integrated with ISO:9001:2015, ISO:14001 2015 and OHSAS:18001:2007.	

Date:	Name and Sign: 
Place: ISWP Hospital, Jamshedpur	Designation: Chief Medical Officer


 THE INDIAN STEEL & WIRE PRODUCTS LTD
 INDRANAGAR
 JAMSHEDPUR-831008

List of People not handling Biomedical Waste

1. Seema Kumari
2. Suryakant
3. Dr. N Jha
4. Dr. Kumar Abhinav
5. Dr. Dolly Gupta
6. Dr. Anup Gupta
7. Dr. Kundan Singh
8. Dr. Amita Kundu
9. Dr. A K Giri
10. Dr. B N Pati
11. Dr. P P Chaudhary

Date - 15/07/2018

Immunizations

The following healthcare personnel involved in the handling of biomedical waste are being immunized:-

Hep B & Tetanus
Dose I

No.	Name	Designation	Signature
1.	SONU MUKHI	HOUSEKEEPING	Sonu
2.	SARASWATI	HOUSEKEEPING	Saraswati
3.	SHAZIA	Amouali I	Shazia Raisa
4.	Moumita Dey	Pathology Technician	Moumita
5.	Pratibha Maity	Sister	Pratibha
6.	Swarnalata	Sister	Swarnalata
7.	Sheela	Sister	Shilpa
8.	Elizabeth	Sister	Elizabeth
9.	Usha	Sweepers	Usha
10.	Sukanta	Sweepers	Sukanta

Bureau
Narendra Jha

Dr. Narendra Jha [CMO]
DGM Medical Services
ISWP Limited

15/7/18

Dose II

Booster Dose

Name

Signature

- | | | |
|----|----------------|--------------|
| 1. | Sonu Mukhi | Sonu |
| 2. | Saraswati | Saraswati |
| 3. | Shazia | Shazia Raisa |
| 4. | Moumita Dey | Moumita |
| 5. | Pratibha Maity | Pratibha |
| 6. | Swarnalata | Swarnalata |
| 7. | Sheela | Shilpa |
| 8. | Elizabeth | Elizabeth |
| 9. | Usha | Usha |