



**The Member Secretary,
State Pollution Control Board,
Paribesh Bhawan,
A/118, Nilakantha Nagar,
Bhubaneswar - 751 012
Odisha**

MD/ENV/ 117 / 124 /18
June 26, 2018

Subject: Submission of annual return of Hazardous Waste, in the prescribed format (Form-4), as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for a period of April 17 - March 18 of Joda East Iron Mine, TATA Steel Ltd.

Ref: Hazardous Waste authorization no. IND-IV-HW-241/7675, dated 07.05.2015, valid till 31.03.2019.

Dear Sir,

Kindly find attached the annual return of Hazardous Waste in a prescribed format Form-4 as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 for a period of **April 17 -March 18** for Joda East Iron Mine of TATA Steel Limited.

The detailed summery sheet of Hazardous waste disposal manifest (Form-10) generated from site is attached for kind informational along with a copy (**Annexure 1**).

We trust the information furnished is in line with your requirement. Kindly acknowledge the same.

Thanking you,

Yours sincerely,

Sr. Manager (Environment), OMQ
Encl.: As above.

c.c.: Regional officer,
State Pollution Control Board,
Baniapata, College Road
Keonjhar - 758 001, ODISHA

TATA STEEL LIMITED

Mines Division Noamundi 833 217 India
Tel 91 9234301340 Fax 91 6596 290737

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-4

[See rules 6(5), 13(8), 16(6) and 20(2)]

FORM FOR FILING ANNUAL RETURNS

[To be submitted to State Pollution Control Board by 30th day of June of every year for the preceding period April to March]

1. Name and address of facility : Joda East Iron Mine, TATA Steel Ltd., PO: Joda, Dist: Keonjhar - 758 034, Odisha.
2. Authorization No. and Date of issue : IND-IV-HW-241/7675, dated 7th May, 2015.
3. Name of the authorized person & full address with telephone. : Mr. Akash S. Palekar
Asst. Manager (IBMD), OMQ, Division
TATA Steel Ltd., P.O: Noamundi,
Dist.: West Singhbhum, JHARKHAND
Phone (O): 9031001498
E-mail: envgroup.noa@tatasteel.com
4. Production during the year (product wise), wherever applicable : Iron Ore (ROM): 9.71 MTPA

Part A. To be filled by hazardous waste generators

1. Total quantity of waste generated category wise
 - 5.1 Used Oil : 81.96 KL
 - 5.2 Wastes or residues containing oil : NIL
 - 33.1 Empty barrels/containers/liners Contaminated with hazardous Chemicals / wastes : NIL
 - 9.1 Lead Bearing Residues : Used Lead Acid batteries- 110 nos
2. Quantity dispatched
 - (i) to disposal facility : NIL.
 - (ii) to recycler or co-processors or pre-processor : Used oil: 66.03 KL, to authorized recycler:
1. Mangalam Lub. Pvt. Ltd., Ranchi
2. Bristol Petroleum Pvt. Ltd. Kolkata (W.B)
 - (iii) others : NIL
3. Quantity utilized in-house, if any : NIL
4. Quantity in-storage at the end of the year : 15.93 KL (Kept in Designated Place)

Part B. To be filled by Treatment, storage and disposal facility operators

Not Applicable

- 1 Total quantity received -
- 2 Quantity in stock at the beginning of the year -
- 3 Quantity treated -
- 4 Quantity disposed in landfills as such and after treatment -
- 5 Quantity incinerated (if applicable) -
- 6 Quantity processed other than specified above -
- 7 Quantity in storage at the end of the year -


Part C. To be filled by recyclers or co-processors or other users

Not Applicable

1. Quantity of waste received during the year -
 - (i) Domestic sources
 - (ii) imported (if applicable)
2. Quantity in stock at the beginning of the year -
3. Quantity recycled or co-processed or used -
4. Quantity of products dispatched (wherever applicable) -
5. Quantity of waste generated -
6. Quantity of waste disposed -
7. Quantity re-exported (wherever applicable)-
8. Quantity in storage at the end of the year -

Date: 25th June 2018.

Place: Joda East Iron Mines, TATA Steel Ltd..


25/6/18
AKASH-SUDHIR-PALEKAR
Assistant Manager
IBMD
Signature of the Occupier or
Operator of the disposal facility

Annexure 1

**Total Qty. of Hazardous Waste * (Used Oil) Disposal off, from Joda East Iron Mine, TATA Steel
Ltd. for FY - 18
(April 2017 - May 2018)**

Month	Total Qty. (Ltrs.)	Manifest Detail (Form 10) submitted to JSPCB		
		Date of Sale	Sold to Authorized Recycler	Quantity (Ltrs.)
Nov-17	8040.800	09.11.2017	Bristol Petroleum Pvt. Ltd., 24 Paragna (South), W B	8040.800
	3690.000	14.11.2017	Mangalam Lubrcants, Ranchi	3690.000
Feb-18	20891.304	21.02.2018		20891.304
	20956.522	22.02.2018		20956.522
	12456.522	27.02.2018	12456.522	
Total			(66.035 KL)	66035.148 ltrs.






* Note : Hazardous Waste (Used oil) disposed from all units of Joda East Iron Mine of TATA Steel Ltd.

Corpana
26/6/2018

FORM 10

[See rule 19(1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE




1. Sender's name and mailing address (including Phone No. and e-mail)	Tata steel Ltd, JEEM, Joda. 7368706450, akash.palekar@tatasteel.com IND-IV-HW-241/7635		
2. Sender's authorisation No.	4HW/4121 6/2/14 (7/5/15)		
3. Manifest Document No.	02 / 2017-18		
4. Transporter's name and address (including Phone No. and e-mail)	Bristol Petroleum Pvttd, 26/5/D-E, A.M, Ghosh road, Budge BU, 24 Parganas (south) 700137, 9903191545		
5. Type of vehicle	(Truck/Tanker/Special Vehicle)		
6. Transporter's registration No.			
7. Vehicle registration No.	WB37A 6586		
8. Receiver's name and mailing address (including Phone No. and e-mail)	Bristol petroleum Pvt. Ltd 26/5/D-E, A.M Ghosh road, Budge BU 24 Parganas (south) 700137		
9. Receiver's authorisation No.	132/25(HW)-881/2000-2001 (Pt-IV) 2446		
10. Waste description	Used oil		
11. Total quantity No. of Containers 2040.8 litres m ³ or MT Nos.		
12. Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)		
13. Special handling instructions and additional information	Hazardous waste, handle with care.		
14. Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.		
Name and stamp: AKASH SUDHAKAR Assistant Manager		Signature: 	Month Day Year 11 09 2017
15. Transporter acknowledgement of receipt of Wastes			
Name and stamp: 		Signature: 	Month Day Year 11 09 2017
16. Receiver's certification for receipt of hazardous and other waste			
Name and stamp: 		Signature: 	Month Day Year 11 09 2017

FORM 10

[See rule 19(1)]

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MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including Phone No. and e-mail)	Tata steel Ltd, JE 1m, Joda 7368806450, akash.palekar@tatasteel.com
2.	Sender's authorisation No.	IND-IV - HW - 241/775 7/5/15
3.	Manifest Document No.	03 / 2017-18
4.	Transporter's name and address (including Phone No. and e-mail)	Mangalam lubricants (P) Ltd. 3/50, Binda Nagar, Ranchi - 834003 8298199768
5.	Type of vehicle	(Truck/Tanker/Special Vehicle) <input checked="" type="checkbox"/>
6.	Transporter's registration No.	
7.	Vehicle registration No.	OR 09 N 7538
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Mangalam lubricants (P) Ltd. 3/50, Binda Nagar, Ranchi - 834003 8298199768
9.	Receiver's authorisation No.	JSPCB/RAN / Reg. No. 09/2015
10.	Waste description	used oil
11.	Total quantity No. of Containers m ³ or MT Nos. 18 Bales
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid) <input checked="" type="checkbox"/>
13.	Special handling instructions and additional information	Hazardous waste / Handle with care & proper PPE's
14.	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.
Name and stamp : AKASH-SUDHAN EKAR Assistant Manager JSPCB		Signature :  Month Day Year 11 14 2017
15.	Transporter acknowledgement of receipt of Wastes	
Name and stamp : MD NOUSHADAHAN		Signature :  Month Day Year 11 14 2017
16.	Receiver's certification for receipt of hazardous and other waste	
Name and stamp :		Signature :  Month Day Year 11 14 2017

FORM 10

[See rule 19(1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including Phone No. and e-mail)	Tata steel Ltd, Joda east iron ore mines 7368806450, akash.palekar@tatasteel.com			
2.	Sender's authorisation No.	IND- <u>IV</u> HW/241/7675 7/5/15			
3.	Manifest Document No.	05/2017-18			
4.	Transporter's name and address (including Phone No. and e-mail)	Managlam lubricants Pvt Ltd,			
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)			
6.	Transporter's registration No.	Self			
7.	Vehicle registration No.	OR09N 9988			
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Managlam lubricants Pvt Ltd.			
9.	Receiver's authorisation No.	JSPB/RAN/Reg.No-07/2015			
10.	Waste description	Used oil			
11.	Total quantity No. of Containers 19.22 m ³ or MT Nos.			
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)			
13.	Special handling instructions and additional information	Hazardous waste Handle with proper care & PPEs			
14.	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.			
Name and stamp : AKASH-SUDHIR-PALEKAR Assistant Manager		Signature : 	Month	Day	Year
			02	21	2018
15.	Transporter's acknowledgement of receipt of Wastes				
Name and stamp :		Signature :	Month	Day	Year
			02	21	2018
16.	Receiver's certification for receipt of hazardous and other waste				
Name and stamp :		Signature :	Month	Day	Year
			02	21	2018

FORM 10

FORM - 10
[See Rule 19 (1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1. Sender's Name & Mailing Address (including Ph. No. & email)	Tata steel ltd. Joda east iron mine 7368806450, akash.Palmer@tatasteel.com
2. Sender's Authorisation No.	IND-IV HW/241/2675 7/5/15.
3. Manifest Document No.	06/17-18
4. Transporters's Name & Address (including Ph. No. & email)	Mangalam Lubricant Pvt Ltd.
5. Type of Vehicle	(Truck / Tanker / Special Vehicle)
6. Transporter's registration No.	OD09C 5321 Self.
7. Vehicle registration No.	OD09C 5321
8. Receiver's Name and Mailing Address (including Ph. No. & email)	MANGALAM LUBRICANTS PVT. LTD. Ranchi Khunti Road, Vill - Hardag, Ranchi-835221 Ph: 9431170310, Email : pm@mangalamlubricants.com
9. Receiver's Authorisation No.	JSPCB/RAN/Reg.No.07/2015
10. Waste Description	Used oil (Barrel)
11. Total Quantity No. of Containers19.280 mt. m3 or MTNos.
12. Physical Form	(Solid / Semi Solid / Sludge/ Oily / Tarry / Slurry / Liquid)
13. Special Handling Instructions and Additional Information	Haz. and to be handle - material will be handle carefully -
14. Sender's Certificate :	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.
Name & Stamp	Signature <i>[Signature]</i> 22/2/2018 Month Day Year
15. Transporter's Acknowledgment of Receipt	<i>[Stamp]</i> Month Day Year 02-22-2018
Name & Stamp <i>MANUSH</i>	Month Day Year 02-22-2018
16. Receiver's Certification for Receipt of Hazardous and other Waste	<i>[Stamp]</i> Month Day Year 02-22-2018
Name & Stamp	Month Day Year 02-22-2018

FORM 10

[See rule 19(1)]

MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including Phone No. and e-mail)	Tata Steel Ltd, JEM, Joda 7368700450 / akash-palekar@tatasteel.com
2.	Sender's authorisation No.	IND-IV-HW-241/7675
3.	Manifest Document No.	07/2017-18
4.	Transporter's name and address (including Phone No. and e-mail)	Mangalam Lubricants Pvt Ltd, 3/50 Birsa, Nagar, Ranchi - 834003 8298199768
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	
7.	Vehicle registration No.	OD 09C 5321
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Mangalam Lubricants Pvt Ltd, 3/50 Birsa, Nagar, Ranchi - 834003 8298199768
9.	Receiver's authorisation No.	JSPCB/RAN/Reg.No 07/2015
10.	Waste description	Used oil
11.	Total quantity No. of Containers 1.1.46 m ³ or MT Nos.
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hazardous waste Handle with care.
14.	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorised, packed, marked, and labelled, and are in all respects in proper conditions for transport by road according to applicable national government regulations.
Name and stamp : AKASH-SUDHIR-PALEKAR Assistant Manager		Signature : <i>[Signature]</i>
		Month Day Year 02 27 2018
15.	Transporter's acknowledgement of receipt of Wastes	
Name and stamp :		Signature : <i>[Signature]</i>
		Month Day Year 02 27 2018
16.	Receiver's certification for receipt of hazardous and other waste	
Name and stamp :		Signature : <i>[Signature]</i>
		Month Day Year 02 27 2018



