

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

MD/ENV/118 / 121 /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 Katamati Iron Mine, TATA Steel Ltd.

Ref: Hazardous Waste authorization no. IND-IV-HW-1099/ 6145, dated 31.03.2016, valid till 31.03.2020.

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 Katamati 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



Total Qty. of Hazardous Waste * (Used Oil) Disposal off, from Katamati Iron Mine, TATA Steel Ltd. for FY - 18

(April 2017 - May 2018)

Month	Total Qty. (Ltrs.)	Manifest Detail (Form 10) submitted to JSPCB		
Month		Date of Sale	Sold to Authorized Recycler	Quantity (Ltrs.)
	56785	15.05.2017	Mangalam Lubrcants, Ranchi	17425
May-17		18.05.2017		17835
May 17		20.05.2017		17425
		23.05.2017		4100
Αμσ-17	aug-17 46535 ov-17	04.08.2017	Mangalam Lubrcants, Ranchi	14350
		07.08.2017		14350
Nov-17		17.11.2017		17835
Jan-18	37720	11.01.2018		11685
Acoust 10.50		08.01.2018	Jamshedpur Lubricants Pvt. Ltd., Jamshedpur	14350
Feb-18		14.02.2018		11685
		Total	(141-04 KL)	141040 ltrs.

Coxfand 25/06/18

^{*} Note: Hazardous Waste (Used oil) of Katamati Iron Mine collectively disposed from Noamundi Iron Mine of TATA Steel Ltd. as they are collected & handled centrally from Noamundi Central store for both Katamati and Noamundi Iron Mine.



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

Katamati Iron Mine, TATA Steel Ltd.,

P.O: Deojhar, Dist.: Keonjhar,

Odisha.

2. Authorization No. and Date of issue:

IND-IV-HW-1099/6145, dated 31.03.2016

valid till 31.03.2020

3. Name of the authorized person &

full address with telephone,

Mr. Akash S. Palekar

Asst. Manager (IBMD), OMQ Division TATA Steel Ltd., Post Office: Noamundi, District: West Singhbhum, JHARKHAND

Phone: (0): 9031001498

E-mail: envgroup.noa@tatasteel.com

4. Production during the year (product wise),

wherever applicable

Iron Ore (ROM): 6.85 MTPA

Part A. To be filled by hazardous waste generators

5. Total quantity of waste generated category wise

5.1 Used Oil

: 47 KL

All the Haz. Waste (used oil) is collected & handled centrally from Noamundi Central store for Katamati and Noamundi

Iron Mine).

5.2 Wastes or residues

containing oil

: NIL

6. Quantity dispatched

i. to disposal facility

: NIL

ii. to recycler or co-processors: Used Oil: 141.04 KL to authorized recycler (including or processor : nearby Noamundi Iron Mine). The recyclers are:

Mangalam Lubricants Pvt. Ltd., Ranchi (Jharkhand)

2. Jamshedpur Lubricants Pvt. Ltd., Jamshedpur

(Jharkhand)

iii. Others

: Used Lead-Acid Batteries - NIL Empty Used oil Barrels - NIL

7. Quantity utilized in-house, if any: NIL

8. Quantity in-storage at the end of the year: Used Oil: 15.58 KL

(Kept in designated place- Central Store Noamundi)

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 -

Assistant Manager
Signature of the Occupier or
Operator of the disposal facility

AKASH-SUDHIR-PALEKAR

Date: 25th June 2018

Place: Katamati Iron Mine, TATA Steel Ltd.

[See rule 19(1)] MANIFEST FOR HAZARDOUS AND OTHER WASTE

		AND OTHER WASTE
	1. Sender's name and mailing address (including Phone No. and e-mail)	Tata Steel W, Noam undi
2	2. Sender's authorisation No.	1.1.1.
3	Manifest Document No.	AW/9-2494 10/7/14
4	Transporter's name and address (including Phone No. and e-mail)	Hind Road Carrier.
5	. Type of vehicle	(TausleTanto 19
6		(Truck/Tanker/Special Vehicle)
7.	Vehicle registration No.	W823B 8839
8.	Receiver's name and mailing address	WB2888839
	(including Phone No. and e-mail)	Mangalan Lubricants pur-led
9.	The state of a dution sation No.	JS PCB / RAN / Reg. No 07 /2015
10.	Trans apportpriori	116-1 -1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11.	I remainded they	used oil in barrels
	No. of Containers	m³ or MT
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hazards weste.
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 : Signature :	PALEKAR Month Day Year
15.	Transporter acknowledgement accept Wastes	
	Name and stamp : Signature	
	monopodoth Co	Month Day Year
6.	Receiver's certification for receipt of bazz	2017
	Name and stamp : Signature	ardous and other waste
	AVICE OF THE PROPERTY OF THE P	Month Day Year
		05 20 2017

[See rule 19(1)] MANIFEST FOR HAZARDOUS AND OTHER

	1.	Sandar's same of the	THER WASIE
	-	Sender's name and mailing address (including Phone No. and e-mail)	Tata steel Ltd, Noamundi
	2.	Sender's authorisation No.	Hell de si
	3.	Manifest Document No.	HW/6-2494 10/7/14
	4.	Transporter's name and address (including Phone No. and e-mail)	Hindraad causer
	5.	Type of vehicle	(Truck/Tenkes/9-1111
	6.	Transporter's registration No.	(Truck/Tanker/Special Vehicle)
L	7.	Vehicle registration No.	WB 23B 8879
Г	8.	Receiver's name and mailing address	wg 238 8839
L		(arcluding Phone No. and e-mail)	Mangelon lubricants put 14d.
L	9.	Receiver's authorisation No.	JS PCB (RAN / Reg NO 07/2015
_		Waste description	32 FC 5 EATO 100g No 07 2615
1	1.	Total quantity	Used ail in Borrels
		No. of Containers	m³ or MT
1	2.	Physical form	87 BJ4
			(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
1	3. 1	Special handling instructions and	simily reduced
	1	additional information	Hazards wante
14	. 8	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.
	N	arme and stamp	Month
		Washington Manager/A/M	Tear Tear
15.	W	ransporter acknowledgement of receipt	of
	N	ame and stamp :	·
		monandac.	Month Day Year
16.			05 18 2017
	Na	ame and stamp : Signature	
	1	sme and stamp : Signature :	Month Day Year
	_	13.66 May 1	05 74 5010

[See rule 19(1)] MANIFEST FOR HAZARDOUS AND OTHER

-	1.	Toolide 3 Hallin Shy mailing 1.1	THER WASTE
		(moroding Prione No. and e-mail)	Tota steel Ltd, Noamundi
	2.	additions atton No.	
	3.	Document No.	HW/4-2494 10/7/14
	4.	Transporter's name and address (including Phone No. and e-mail)	Hind road carrier
	5.	Type of vehicle	A STANDARD BUILDINGS OF THE PARTY OF THE PAR
	6.	Transporter's registration No.	(Truck/Tanker/Special Vehicle)
	7.	Vehicle registration No.	WB 236 3819
	8.	Receiver's name and mailing address	
1		(including Phone No. and e-mail)	Manglam hubricants but Hod.
- 1	9.	Receiver's authorisation No.	+0.0-1
1		Waste description	JS .PCB / RAN / Reg No. 07 /2015
1	1.	Total quantity	ITERA BALL IN Vanned
		No. of Containers	15 84.
12	2.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry /
13	3. 8	Special handling instructions and additional information	Kazards sale
14	. 8	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.
	N	ame and stamp : Signature :	PALEXAK Month Day Year
15.	VV.	datas	of 20 20 17
	Na	ame and stamp:	Month Day Year
16.		Calvar's partitionalism	1 05 20 20 12
	Na	me and stamp : Signature	rdous and other waste
		To the same of	o S 27 20 17

[See rule 19(1)]

1	1. Sender's name and mailing address	AND OTHER WASTE
-	(Monthly Priorie No. and e-mail)	Tata Steel Ltd., Noamundi
2	authorisation No.	
3	Manifest Document No.	HW/4-2494 Jalalia
4	Transporter's name and address (including Phone No. and e-mail)	HW/4-2494 10/9/14 10/9/14 10/9/14 10/9/14 10/9/14 10/9/14 10/9/14
5.	Type of vehicle	
6.	Transporter's registration No.	(Truck/Tanker/Special Vehicle)
7.	Vehicle registration No.	Postal vollicie)
8.	Tomale registration No	THOLAMONIA
	Receiver's name and mailing address (including Phone No. and e-mail)	Manglam Jubricants put ltd.
9.	Receiver's authorisation No.	Kanchi
10.	Waste description	Used oil for genels.
11.	Total quantity	Used all to a for of / 2015
	No. of Containers	
12.	Physical form	(Solid / Semi-Solid / St. Nos.
1	yolcar form	(Solid / Semi-Solid / Siudge / Oily / Tarry /
12		Slurry / Liquid) Sludge / Oily / Tarry /
13.	Special handling instructions and	
	- animorial information	Hazards waste
4.	Sender's Certificate	
		I hereby declare that the contents of the
-1	A STATE OF THE PARTY OF THE PAR	consignment are fully and accurately described above
	· 计图像 10 · · · · · · · · · · · · · · · · · ·	by proper shipping name and are categorised, packed, marked, and labelled, and are in all recent packed.
		marked, and labelled, and are in all respects in proper conditions for transport by road
N		conditions for transport by road according to applicable national government regulations.
IN	lame and stamp : Signature :	and the second s
-	(PC) substitute	Month Day Year
TI	ransporter acknowledgement of marking	Manage 05 23 2017
	S Lugar	
Na	ame and starpp :	
1776	Moshar Hi	Month Day Year
Re	Ceiver's cartification	0 5 9 7 10
No	ceiver's certification for receipt tazar	rdous and other waste
IVel	me and stamp :	N
		MODITIO Description
	司司司	Month Day Year

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 1td, Noamundi Iron on numes 7368806450, akash polokar Etotasteel
2.	Sender's authorisation No.	HW/61-2494 10/7/14
3.	Manifest Document No.	07 / 2017-18
4.	Transporter's name and address (including Phone No. and e-mail)	magar, Ranchi, JH-834003 magar, Ranchi, JH-834003 magarin britarion
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	11232093H1994 PTC 005791
7.	Vehicle registration No.	WB 23 B 8639
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Mangalam lubricants (p) LH, 3/50, birsa negar, Ranchi, JH -834003 8298199672 ns@ mangalam lubra
9.	Receiver's authorisation No.	JSPCB / RAN/Reg. No 07/2015
10.	Waste description	Used & waste oil
11.	Total quantity No. of Containers	70 bols m³ or MT
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hegardo 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 state Signature :	Month Day Year
A	Assistant Managar Cadelan Coldina	08 04 20 12
15.	Transporter acknowledgement of receip	t of
	Name and stamp: Mayous NASALAM.	Month Day Year
16.	Receiver's certification for receivers	zardous and other waste
	Name and stamp : Signature	Month Day Year

[See rule 19(1)] MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including Phone No. and e-mail)	Tate Med Hod, Noumendi Joon one nieus 7868706450, akah plaka @ Industralion
2.	Sender's authorisation No.	HW/4-2434 10/2/14
3.	Manifest Document No.	08 / 2-19-13
4.		margulan (who courts (P) Wed, 3/50, broken mayor, Reachi, 14-334003 82981 39672 ns 6 prungalon (who)
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	U23209JH1994PTC005731
7.		WB 2-3 B 88 39
8.	Receiver's name and mailing address (including Phone No. and e-mail)	magalam lubricacti (p) ut, 3/50, lateracti magas, Ranchi, SH-834003 8298199672 ne a mangalam lubrio
9.	Receiver's authorisation No.	JSPEB/RAN Rey No. 07/2-15
10.	Waste description	used a water oil
11.	Total quantity No. of Containers	
12.	Physical form	(Solid / Semi-Solid / Sludge / Olly / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hazards with, Randle 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 NEXAR Signature :	11 4 2
	AKASH-SUDHIMANAGER & XLIST	Month Day Year
15.	Name and stamp LEKAR Signature : AKASH SUCH Manager Transporter agknowledgement of receip Wastes	Month Day Year
15.	Transporter acknowledgement of receip	Month Day Year
	Transporter adicabwledgement of receip Wastes Name and stamp: Man D AIAM	Month Day Year of Month Day Year of Day Year of Day Year
	Transporter adicabwledgement of receip Wastes Name and stamp: Man D AIAM	Month Day Year Tof Month Day Year

FORM 10 [See rule 19(1)]

	MARITEGITORIA	
1.	Sender's name and mailing address (including Phone No. and e-mail)	Tota Steel Ltd, Noamurdi Jem one mines akash-paleker @ Fata steel.com. 7368806450
2.	Sender's authorisation No.	HW/G-2494 10/7/14
	Manifest Document No.	10/2-17-18
4.	Transporter's name and address (including Phone No. and e-mail)	Mangalam lubricants (P) Ltd. 3/50/5/150 Nagar / Ranchi, Thankhard-83400 065/225/2066
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	
7.	Vehicle registration No.	WB 23 B 8839
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Mangalam lubricants (P) Ltd. 3/50, birs a Nagar, Ranchi, Therkhard-9340 06512252066
9.	Receiver's authorisation No.	JSPCB / RAN/Reg-Np. 07/2015
10.	Waste description	used a waste ail
11.	Total quantity No. of Containers	87 8 ds Nos.
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hazards 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.
AM	Name and stampkAR Signature :	Month Day Year
15.	Transportion acknowledgement of receipt	
	Name and statements Signature	Month Day Year 1 1 7 2 0 1 1 1 1 1 1 1 1 1
16.	Name and stagen	Month Day Year

[See rule 19(1)]

1.	Sender's name and mailing address (including Phone No. and e-mail)	Tota steel Ltd, Moamundi Iron one mines akash polekin@ totasteel.com 7368806450
2.	Sender's authorisation No.	HW/a-2494 10/7/14
3.	Manifest Document No.	11 / 2019-18
4.	Transporter's name and address (including Phone No. and e-mail)	Tamshedpuz Lubricanto RH Hd. / PLOTHO. NS-47 (ep), Phase- VI Adityapur Industrial area Gamberia, Janoshedpur, JH-831005
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	The state of the s
7.	Vehicle registration No.	WB 23B 8839
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Jamshedpur lubricants Put Htd. / PLot No. NS- 47 (ep), prane VT Adity april Industrial area, Jamshedpur lubricants Put Htd @ gmall com / 943111720
9.	Receiver's authorisation No.	JSPCB/RAN / Reg. NO 09/2016
10.	Waste description	Used twell oil
11.	Total quantity No. of Containers	14,350 H7 m3 or MT Y0 Bols Nos.
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hazards waste, Hardle 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 stampaLEKAR Signature :	Month Day Year
	AKASH-SUDHIK-PALETON	0 1 08 2018
15.	Transpones and mowledgement of receip Wastes	t of
	Name and stamp: Signature :	Month Day Year
	Llage	01 08 2018
16.	Receivers certification for receipt of haz	zardous and other waste
	Name and stamp of . Signature .	Month Day Year
	(Classes)	01 08 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)	Tota speel like, Normand Innove menes akest. paleker @ tatastel. Com 7368806450
2.	Sender's authorisation No.	HW/6-2434 10/9/14
3.	Manifest Document No.	12 / 2013-18
4.	Transporter's name and address (including Phone No. and e-mail)	Jamshed pun lubricato Put led /PLTN=. NS-47 (ep) , Phase - vi Adityapus Industral area, Gambarla JJSR, SH-831005
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	
7.	Vehicle registration No.	WB2388839
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Donshedpur Jubricants Put Lod / PLOTNO. NS-49 (ep) , Phonevi Addresson Industrial erea, Comhain, JSR, JH-831006
9.	Receiver's authorisation No.	JS PCB/RAN Py-No - 03/246
10.	Waste description	use do waste all
11.	Total quantity No. of Containers	11.665 livs ms or MT
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hezardo waste Handle with come
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.
4	Name entretains Signature	Month Day Year
N	Ashistant Manager	01 11 2018
15.	Transporter acknowledgement of recei	pt of
	Name and stamp:	Month Day Year
16.	Receiver's certification for receipt of he	azardosa and other waste
	Name and stamp	Month Day Year

[See rule 19(1)]

1.	Sender's name and mailing address (including Phone No. and e-mail)	Iron ore Mines. Iron ore Mines. ac-majhic totasteel com 8092094609
2.	Sender's authorisation No.	40/6-2454
3.	Manifest Document No.	13/2017-18
4.	Transporter's name and address (including Phone No. and e-mail)	Jamshedpens bubricant Putition HS-47 (ep), Phase -VI, Aditya Pere 30 District avea, Gamble JSQ, JH - 831005
5.	Type of vehicle	(Truck/Tanker/Special Vehicle)
6.	Transporter's registration No.	
7.	Vehicle registration No.	NB23B8839
8.	Receiver's name and mailing address (including Phone No. and e-mail)	Jamshadpur Litterants Problem 1 Jamshadpur 9 ndustrual VI. Adulmarpur 9 ndustrual VII. Adulmarpur 9 ndustrual VIII. Adulmarpur 9 ndustrua
9.	Receiver's authorisation No.	TH PCB/PAN/229-NO 09/2016
10.	Waste description	Used waste oil
11.	Total quantity No. of Containers	11685 Lts. m³ or MT 57 bels. Nos.
12.	Physical form	(Solid / Semi-Solid / Sludge / Oily / Tarry / Slurry / Liquid)
13.	Special handling instructions and additional information	Hazadous Waste handle
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 () Signature:	Month Day Year
	Br. Manager (Engg.)	02 14 2018
15.	Transporter acknowledgement of receiptions wastes	pt of
	Name and stamp:	Month Day Year
40		and other waste
16.	Receiver's certification for receipt of the	Zatobus and other waste