



TSML/KAM/6102/FY24  
Date: 28-06-2023

**To**  
**The Member Secretary,**  
**Odisha State Pollution Control Board,**  
**Paribesh Bhawan,**  
**A/118, Nilakantha Nagar,**  
**Bhubaneswar, 75101**

Subject: Submission of Annual Return (Form-4) for the financial year ending 31<sup>st</sup> March 2023 for Hazardous Waste in respect of Kamarda Chromite Block of M/s Tata Steel Mining Ltd.

Ref: Rules 6(5), 13(8), 16(6) and 20 (2) under Hazardous and Other wastes (Management and Transboundary Movement) Rules, 2016.

Dear Sir,

We are herewith furnishing the Annual Return for the Hazardous Waste Management in Form-4 as per the above referenced rules under Hazardous and Other wastes (Management and Transboundary Movement) Rules, 2016 in respect of Kamarda Chromite Block of Tata Steel Mining Limited, for the financial year ending 31<sup>st</sup> March 2023.

This is for your kind information and perusal please. Receipt of the same may please be acknowledged.

Thanking You.

Yours faithfully,

f: Tata Steel Mining Limited

*Relw.*  
Mines Manager,  
Kamarda Chromite Block

Enclosures: As above.

Copy to: 1. Regional Officer, OSPCB, Near Dhabalagiri, Jajpur road, Odisha

**TATA STEEL MINING LIMITED**

(Formerly known as T S Alloys Limited)

Registered Office Plot No N3/24 IRC Village Nayapalli Bhubneshwar Odisha Pin 751015 Ph +91 674 2551045  
Sukinda Chromite Mine PO Kalarangiatta District Jajpur Odisha Pin 755028  
CIN U27109OR2004PLC009683 Website www.tsalloys.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 30<sup>th</sup> day of June of every year for the preceding period  
1<sup>st</sup> April'22 to 31<sup>st</sup> March'23]

1.	Name and address of facility	Kamarda Chromite Mines, M/s Tata Steel Mining Limited, P.O-Kalarangiatta, Dist. - Jajpur, Orissa -755028
2.	Authorisation No. and Date of issue	IND-IV-HW-1404/20180, Dt. of Issue: 31.10.2022
3.	Name of the authorised person and full address with telephone, fax number and e-mail	Mr. Dibendu Behera (Mines, Manager) Address: Kamarda Chromite Block, M/s Tata Steel Mining Limited, P.O-Kalarangiatta, Telephone: +91-7077686456 Email: <a href="mailto:dibyendu.behera@tatasteelmining.com">dibyendu.behera@tatasteelmining.com</a>
4.	Production during the year (product wise), wherever applicable	Chrome Ore (ROM): 0.088 Million tonnes

**Part A. To Be Filled By Hazardous Waste Generators**

## 1. Total quantity of waste generated category wise

Sl.No.	HW Category	Description	Quantity Generated in FY2022-23
01	HW-35.3	ETP Sludge	14.1 MT
02	HW-5.1	Used Oil	8.61 KL
03	HW-5.2	Residual waste containing oil	51.1kg (Cotton), 363nos (Oil Filter)

## 2. Quantity dispatched

2. i. To disposal facility:A) **ETP Sludge:** 0.0 MT at Common Hazardous Waste Treatment Storage Disposal Facility of M/s Re Sustainability Limited (Mangalapur, Sukinda, Jajpur, Odisha)B) **Residual waste containing oil (HW-5.2):** Nil.2.ii To recycler or co-processors or pre-processor:

A. Used Oil (HW-5.1): 4.695 KL

**Total Used Oils Recycled:** Nil.2. iii Others: Nil

3. Quantity utilised in-house, if any –Nil.

4. Quantity in storage at the end of the year – (As on 31.03.2023)

S.No.	HW Category	Description	Quantity Stored at the end of year- As on 31.03.2023
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01	HW-35.3& 35.4#	ETP Sludge	14.1 Tonne
02	HW-5.1	Used Oil	3.915 KL
03	HW-5.2	Residual waste containing oil	51.1kg (Cotton), 363nos (Oil Filter)

Note: \*one barrel of used oil is equivalent to 210Ltrs of used oil, #category indicated is as per HW Management & Transboundary Movement Rule,2016 which were earlier referred to as 34.3 & 34.4 (as mentioned in the authorization)

**Part B. To Be Filled By Treatment, Storage And Disposal Facility Operators**

**Not Applicable for Sukinda Chromite Block, M/s Tata Steel Mining Limited (Occupier)**

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

*N/A: Not Applicable*

**Part C. To Be Filled By Recyclers Or Co-Processors Or Other Users**

**Not Applicable for Sukinda Chromite Block, M/s Tata Steel Mining Limited (Occupier)**

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

*N/A: Not Applicable*

*V. S. K.*

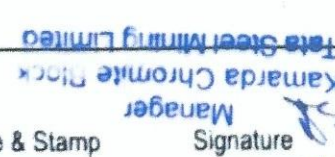
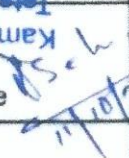



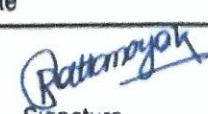
**Signature of the Occupier or  
Operator of the disposal facility**

**Date: 28.06.2023**

**Place: Kamarda**

**FORM 10**  
[See rules 19(1)]

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**

1.	Sender's Name & Mailing Address (Including Phone No & email)	:	Kamarda Chromite Block, Kamarda TATA Steel Mining Ltd. Phanshat Engineering Co (Pvt) Ltd.							
2.	Senders authorization No.	:	Applied							
3.	Manifest Document No	:								
4.	Transporter's Name & Address (including Phone No. and email)	:	Self							
5.	Type of Vehicle	:	(Truck/Tanker / Special Vehicle)							
6.	Transporter's Registration No.	:	NIL							
7.	Vehicle Registration No	:	OR-01-V-4646							
8.	Receiver's Name & mailing Address (Including phone No and email)	:	M/S. Swaraj Lubricants. At. Gopinada. PO- Haldipada, Dist. Balasore Odisha. Swaraj Lubricants & Trolley. Co. In.							
9.	Receiver's authorisation No.	:	IND-IV-HW-1028/4048 dt 31.03.2018							
10.	Waste Description	:	Used oil with Barrel.							
11.	Total Quantity	:	1.440KL m <sup>3</sup> or MT or KL							
	No. of Containers	:	7 Nos.							
12.	Physical form	:	Solid/Semi-Solid/Sludge/ <input checked="" type="checkbox"/> Tarry/Slurry/Liquid							
13.	Special handling instructions and additional information	:	<ul style="list-style-type: none"> <li>a) Keep the material dry</li> <li>b) Never transport while hot and wet</li> <li>c) Avoid skin and eye contact</li> <li>d) Store in a dry and covered area</li> <li>e) Use safety shoes, helmet and goggles</li> </ul>							
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 categorized, packed, marked and labeled, and are in all respect in proper condition for transport by road according to applicable national government regulations.							
	Types Name & Stamp	Signature	Month	Day	Year					
			1	0	1	1	2	0	2	2
15.	Transporter Acknowledgment of Receipt of Wastes									
	Name & Stamp	Signature	Month	Day	Year					
			1	0	1	1	2	0	2	2
16.	Receivers Certification for Receipt of Hazardous and other waste									
	Name & Stamp	Signature	Month	Day	Year					
			1	0	1	1	2	0	2	2

**FORM 10**  
[See rules 19(1)]

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**

1.	Sender's Name & Mailing Address (Including Phone No & email)	: Kamarda Chromite Block. M/s. TATA Steel Mining Ltd. H. Kamarda PO- Kamarda Dist- Jajpur Odisha.
2.	Senders authorization No.	: IND-IV- HW-1404/20180 dt 31-10-22
3.	Manifest Document No.	: Swaraj Lub/22-23/09 dt 29.3.23
4.	Transporter's Name & Address (including Phone No. and email)	: Self
5.	Type of Vehicle	: (Truck/ Tanker / Special Vehicle)
6.	Transporter's Registration No.	: NIL
7.	Vehicle Registration No.	: OD-01-J-8282
8.	Receiver's Name & mailing Address (Including phone No and email)	: M/s Swaraj Lubricants. At- Gobinda PO- Haldeipada. Dist. Balasore. Odisha swarajlubricants@kster. co. in
9.	Receiver's authorisation No.	: IND-IV- HW-1028/14048 dt 31-03-18
10.	Waste Description	: Mixed used oil
11.	Total Quantity  No. of Containers	: 3.255 KL  15 Nos.
12.	Physical form	: Solid/Semi-Solid/Sludge/Oily/Tarry/Slurry/Liquid
13.	Special handling instructions and additional information	: a) Keep the material dry b) Never transport while hot and wet c) Avoid skin and eye contact d) Store in a dry and covered area e) Use safety shoes, helmet and goggles
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 categorized, packed, marked and labeled, and are in all respect in proper condition for transport by road according to applicable national government regulations.
	Types Name & Stamp  Signature	Month Day Year 0 3 2 9 2 0 2 3  Kamarda Chromite Block Tata Steel Mining Limited
15.	Transporter Acknowledgment of Receipt of Wastes  Name & Stamp  Signature	Month Day Year 0 3 2 9 2 0 2 3  Rathnayak
16.	Receivers Certification for Receipt of Hazardous and other waste  Name & Stamp  Signature	Month Day Year 0 3 2 9 2 0 2 3  Rathnayak