



TSML/SAR/6101/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 Saruabil 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 Saruabil 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

Mines Manager,  
Saruabil 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	Saruabil Chromite Mines, M/s Tata Steel Mining Limited, At- Saruabil, P.O- Kalarangiatta, Dist. - Jajpur, Orissa -755028
2.	Authorisation No. and Date of issue	IND-IV-HW-1402/20176 Dt. of Issue: 31.10.2022
3.	Name of the authorised person and full address with telephone, fax number and e-mail	Mr. Naveen Shrivastava Mines Manager Address: Saruabil Chromite Block, M/s Tata Steel Mining Limited, At- Saruabil, P.O- Kalarangiatta, Dist. - Jajpur, Orissa -755028 Telephone:+91-6287090160 Email: <a href="mailto:naveen@tatasteelmining.com">naveen@tatasteelmining.com</a>
4.	Production during the year (product wise), wherever applicable	Chrome Ore (ROM): 0.35 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	18.87 Tonne
02	HW-5.1	Used Oil	21.186 KL
03	HW-5.2	Residual waste containing oil	86 kg (Cotton), 761nos (Oil Filter)

## 2. Quantity dispatched

**2. i. To disposal facility:**A) **ETP Sludge: 4.84 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): **12.68 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)

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
01	HW-35.3& 35.4#	ETP Sludge	14.0 Metric Tonne
02	HW-5.1	Used Oil	8.51 KL
03	HW-5.2	Residual waste containing oil	86 kg (Cotton), 761nos (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*

**Date: 28.06.2023**

**Place: Saruabil**





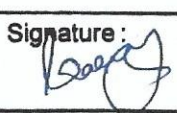

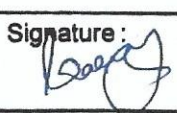
**Signature of the Occupier or  
Operator of the disposal facility**



**FORM - 10**  
[ See Rule 19 (1) ]

1st Copy

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**





1.	Sender's Name and mailing address (including Phone No. and e-mail)	:	Tata Steel Mining Limited Sulinda, Jajpur, Odisha
2.	Sender's authorisation No.	:	IND-IV-HW-1402/2017
3.	Manifest Document No.	:	022645
4.	Transporter's name and address (including Phone No. and e-mail)	:	Re Sustainability Limited
5.	Type of vehicle	:	( Truck / Tanker / Special Vehicle)
6.	Transporter's registration No.	:	IND-IV-HW-721/9301
7.	Vehicle registration No.	:	OD04B 9471
8.	Receiver's Name and mailing address (Including Phone No. and e-mail)	:	Odisha Waste Management Project
9.	Receiver's authorisation No.	:	IND-IV-HW-721/9301
10.	Waste description	:	ETP sludge
11.	Total quantity No. of Containers	:	4.84 m <sup>3</sup> or MT Nos.
12.	Physical form	:	(Solid/Semi-Solid/Sludge /Oily/Tarry/Slurry/Liquid)
13.	Special handling instructions and additional information	:	Used 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.   31/3/23 Manager
	Name and Stamp :	Signature :	Month      Day      Year
	 Saru Kumar Mishra Tata Steel Mining Limited		03    31    2023
15.	Transporter's acknowledgement of receipt of Wastes	:	
	Name and Stamp :	Signature :	Month      Day      Year
			03    31    2023
16.	Receiver's Certification for receipt of hazardous and other waste	:	
	Name and Stamp :	Signature :	Month      Day      Year
			03    31    2023

- |   |  |
|---|--|
| 1. White Colour forwarded to OSPCB by Generator                                   | 2. Yellow Colour retained by Sender              |
| 3. Pink Colour retained by OWMP   | 4. Orange Colour retained by Transporter         |
| 5. Green Colour forwarded to OSPCB after disposal                                 | 6. Blue Colour returned to Sender after disposal |
| 7. Gray Colour forwarded to SPCB of Sender in case sender belongs to other State. |  |

# FORM 10



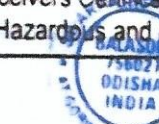
[See rules 19(1)]

## MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's Name & Mailing Address (Including Phone No & email)	: Saruabil chromite Block Tata steel mining Limited Dhanuair Engineering Co Pvt. Ltd																		
2.	Senders authorization No.	: IND-IV-HW-561/2022, dt 21.09.2019																		
3.	Manifest Document No.	: SWARAJ Lab/2022/07, dt 03.05.22																		
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-01-18282																		
8.	Receiver's Name & mailing Address (Including phone No and email)	: Swraj Lubricants At hovinada, to Haldi pada, Balasore-756027																		
9.	Receiver's authorisation No.	: IND-IV-HW-1028/4048 dt 31/3/18																		
10.	Waste Description	: used oil & Empty barrels																		
11.	Total Quantity	: 3.270 KL <small>m<sup>3</sup> or MT</small> No of empty barrels																		
	No. of Containers	: 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.																		
	<div style="text-align: center;">                   (PRIYANKA SWAKANT PADHI)                  Saruabil Chromite Block                  Tata Steel Mining Limited             </div>	<table border="1" style="width: 100%; text-align: center;"> <tr> <th colspan="2">Month</th> <th colspan="2">Day</th> <th colspan="2">Year</th> </tr> <tr> <td>0</td><td>5</td> <td>0</td><td>3</td> <td>2</td><td>0</td> </tr> <tr> <td>2</td><td>2</td> <td></td><td></td> <td></td><td></td> </tr> </table>	Month		Day		Year		0	5	0	3	2	0	2	2				
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15.	Transporter Acknowledgement of Receipt of Wastes																			
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2	2																			

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

**MANIFEST FOR HAZARDOUS AND OTHER WASTE**

1.	Sender's Name & Mailing Address (Including Phone No & email)	: Saruabil Chromite Block TATA Steel Mining Limited Bharatpur Engineering (Pvt) Ltd.
2.	Senders authorization No.	: IND-IV-HW 5619883 dt 21.09.2019
3.	Manifest Document No.	: Swaraj Lub / 2022 / 08 dt 03.05.2022
4.	Transporter's Name & Address (including Phone No. and email)	: self
5.	Type of Vehicle	: (Truck <input checked="" type="checkbox"/> 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. Gobardha PO - Haldipada, Dist. Balasore, Odisha Swaraj Lubricants @ twitter - co. in
9.	Receiver's authorisation No.	: IND-IV-HW-1028/4048 dt 31.03.2018
10.	Waste Description	: US- oil with Barrel.
11.	Total Quantity	: ..... 2.900 KL ..... m3 or MT or KL
	No. of Containers	: ..... 13 ..... Nos.
12.	Physical form	: Solid/Semi-Solid/Sludge/Dry/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.
	 Manager Saruabil Chromite Block Tata Steel Mining Limited 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)	Sarguabil Chromite Block M/S. TATA Steel Mining Ltd. At. Sarguabil PO- Kamsa, Dist- Jajpur, Odisha.						
2	Senders authorization No.	IND-IV-HW-1402/20176 dt 31.10.22						
3	Manifest Document No.	Swar Leib 122-23/10 dt 29.08.2022						
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. Swaray Leib Lubr. Co. Ltd. At. Gobinda. Po. Habibnada. Dist. Bargarh, swaraylubricants@twitter.co.in Odisha.						
9	Receiver's authorisation No.	IND-IV-HW-1028/14048 dt 31.03.18						
10	Waste Description	Mix of used oil.						
11	Total Quantity No. of Containers	6.510 KL 30 Nos.						
12	Physical form	Solid/Semi-Solid/Sludge/Oil/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	<table border="1"> <tr> <td>Month</td> <td>Day</td> <td>Year</td> </tr> <tr> <td>03</td> <td>29</td> <td>2023</td> </tr> </table>	Month	Day	Year	03	29	2023
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15	Transporter Acknowledgement of Receipt of Wastes	Sarguabil Chromite Block Tata Steel Mining Limited						
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