



TSJ/EMD/C-26/116/2023
28 June 2023

Member Secretary
Jharkhand State Pollution Control Board
T.A. Division Building
HEC Campus, Dhurwa
Ranchi - 834 004

Sub.: Submission of Annual Return (Form 4) for Tata Steel Limited - Main Works, Jamshedpur for the year 2022-23 as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

Ref.: Authorization vide no. JSPCB/HO/RNC/HWM-11109657/2022/18 dated 18.06.2022

Dear Sir,

With reference to the captioned subject & cited reference, we are herewith submitting the Annual Return (Form 4) for Tata Steel Limited- Main Works, Jamshedpur for the year 2022-23 as per Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

You are requested to kindly acknowledge the same and place in your records

Thanking you

Yours faithfully,
For Tata Steel Limited

Utsav Kashyap
Head, Environment Clearance & Compliance (TSL)

Encl.: As above

Copy to: Regional Officer, Jharkhand State Pollution Control Board,
Jamshedpur

TATA STEEL LIMITED

Environment Management Jamshedpur 831 001 India
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Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001
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:	Tata Steel Limited (Main Works including JCAPCPL), Jamshedpur, East Singhbhum, Jharkhand-831001		
2	Authorisation No. and Date of issue:	JSPCB/HO/RNC/HWM-11109657/2022/18 date of issue 18/06/2022		
3	Name of the authorised person and full address with telephone, fax number and e-mail:	Dr. Amit Ranjan Chakraborty Chief, Environment Management Tata Steel Limited, Jamshedpur – 831001 Tel - 0657 2424125/21424125 Fax - +91 657 2424098		
4	Production during the year (product wise), wherever applicable	Product	Production in 2022-23 (MTPA)	
		Hot Metal	11.05	
		Crude Steel	10.64	

Part A. To be filled by hazardous waste generators (Quantity in tonnes)

1	Total quantity of waste generated category wise			
	Category no.	Waste Name	Quantity Generated	UoM
	5.1	Used oil	30.6	KL
	5.1	Used oil	1134.3	MT
	5.2	Residue Containing Oil	719.8	MT
	6.2	Zinc dross	18.7	MT
	12.6	Chromate Sludge	101.0	MT
	12.6	Magnetic sludge	33.1	MT
	13.2	Iron Hydroxide Sludge	338.2	MT
	13.5	Coal Tar Sludge	2219.0	MT
	33.1	Empty barrels/Drums	13.6	MT
	35.1	APCE Dust	189284.1	MT
	35.1	Kiln Dust	19465.2	MT
	35.2	Resin Waste	1.0	MT
	35.3	Alkali sludge	14.4	MT
	35.3	BOD Sludge	413.0	MT
	35.3	Gas cleaning plant sludge from Basic Oxygen Furnace	491004.5	MT
	35.3	Gas cleaning plant sludge from Blast Furnace	102683.0	MT
	35.3	Mill Sludge	2949.0	MT
	35.3	Muck Waste	10851.9	MT
	35.4	Waste Grease	139.2	MT
	Schedule II Class C	Glass Wool	161.0	MT

2	Quantity dispatched					
	(i) to disposal facility	:	Category No.	Waste Name	Quantity	UoM
			5.1	Used oil	99.2	MT
5.2			Residue Containing Oil	488.8	MT	
12.6			Chromate Sludge	101.0	MT	
12.6			Magnetic sludge	33.1	MT	
33.1			Empty barrels/Drums	13.6	MT	
35.2			Resin Waste	1.0	MT	
35.3			Alkali sludge	14.4	MT	
35.3			Muck Waste	10851.9	MT	
Schedule II Class C			Glass Wool	161.0	MT	
(ii) to recycler or co-processors or pre-processor	:	Category No.	Waste Name	Quantity	UoM	
		5.1	Used oil	30.6	KL	
		5.1	Used oil	1035.1	MT	
		5.2	Residue Containing Oil	230.9	MT	
		6.2	Zinc dross	18.7	MT	
		35.4	Waste Grease	139.2	MT	
(iii) others	:	Not Applicable				
3	Quantity utilized in-house, if any	:	Category No.	Waste Name	Quantity	UoM
			13.2	Iron Hydroxide Sludge	338.2	MT
			13.5	Coal Tar Sludge	2219.0	MT
			35.1	APCE Dust	187984.1	MT
			35.1	Kiln Dust	19465.2	MT
			35.3	BOD Sludge	413.0	MT
			35.3	Gas cleaning plant sludge from Basic Oxygen Furnace	501046.7	MT
			35.3	Gas cleaning plant sludge from Blast Furnace	101817.1	MT
			35.3	Mill Sludge	2841.7	MT
4	Quantity in-storage at the end of the year	:	Category No.	Waste Name	Quantity	UoM
			35.1	APCE Dust	1300.0	MT
			35.3	Gas cleaning plant sludge from Basic Oxygen Furnace	21989.8	MT
			35.3	Gas cleaning plant sludge from Blast Furnace	865.9	MT
			35.3	Mill Sludge	107.3	MT

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

1	Quantity of waste received during the year	
	(i) domestic sources ETP Sludge (26.1) from Tata Pigment	337.7
	(ii) imported (if applicable)	NA
2	Quantity in stock at the beginning of the year -	0
3	Quantity recycled or co-processed or used –	337.7
4	Quantity of products dispatched (wherever applicable) –	NA
5	Quantity of waste generated -	0
6	Quantity of waste disposed -	0
7	Quantity re-exported (wherever applicable)-	NA
8	Quantity in storage at the end of the year -	0

Date: 28.06.2023

Place: Jamshedpur



Utsav Kashyap
Head, Environment Clearance & Compliance (TSL)