



TSJ/EMD/C-23/050/25

September 25, 2025

The Member Secretary
Jharkhand State Pollution Control Board
T.A. Division Building
HEC Campus, Dhurwa
Ranchi - 834004

Subject: Submission of Environment Statement for Cold Rolling Mill Complex at Bara, Tata Steel Limited, Jamshedpur for the year 2024-25

Dear Sir,

With reference to captioned subject, we are submitting herewith the Environment Statement for Cold Rolling Mill Complex at Bara, Tata Steel Limited, Jamshedpur for the year 2024-25 duly filled in the prescribed format for your kind consideration.

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)

Enclosures 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, Mumbai 400001

Tel 91 22 66658282 Fax 91 22 66657724

Corporate Identity Number L27100MH 1907PLC000260 Website www.tatasteel.com

**ENVIRONMENTAL STATEMENT
FOR THE YEAR 2024-25**

**Cold Rolling Mill Complex, Bara
TATA STEEL LIMITED**

**Submitted by:
ENVIRONMENTAL MANAGEMENT DEPARTMENT
TATA STEEL LIMITED
JAMSHEDPUR-831001
JHARKHAND**

Environment Statement 2024-25

[Form V]

Environmental Statement for the financial year ending 31/03/2025

PART-A

(i)	Name & address of the owner/occupier of the industry operation or process:	Mr. T.V. Narendran CEO & MD, Tata Steel Limited Jamshedpur-831001 East Singhbhum, Jharkhand
(ii)	Industry Category	Orange Category
	Primary STC Code:	3316
	Secondary SIC Code	33169903
(iii)	Production Capacity	0.8 MTPA
(iv)	Year of Establishment	2011
(v)	Date of last Environment Statement submitted	September 27, 2024

PART-B

WATER & RAW MATERIAL CONSUMPTION

i) Water Consumption m3/day

Process & Cooling : 520

Domestic Consumption : 150

Name of the product	Process water consumption/unit of product output (m3/t)	
	During the Previous Financial year (2023-24)	During the Current Financial year (2024-25)
Cold Rolling Mill	0.40	0.26

ii) Raw Material Consumption:

Name of raw material	Name of the products	Consumption of raw material per unit of output (Ton/tons of Output Product)	
		During the Previous Financial year (2023-24)	During the Current Financial year (2024-25)
Hot rolled coil	Cold Rolling Mill	1.04	1.04

PART-C

Pollution Discharged to Environment/Unit Of Output (Parameter As Specified in the Consent Issued)

Pollutants	Quantity of pollutants Discharged (mass/day)		Concentrations of pollutants discharged (mass/volume)		Percentage of variation from prescribed standards
(a) Water	(tonnes/day)		(mg/L)		
Parameter	2023-24	2024-25	2023-24	2024-25	
Total Suspended Solids	0.013	NA*	45	NA*	-100
BOD	0.002		8		
COD	0.034		111		
Oil & grease	0.001		1		

Environment Statement 2024-25

(a) Air	(Kg/day)		(mg/Nm ³)		
Parameter	2023-24	2024-25	2023-24	2024-25	
PM	10.7	34	3.98	9.82	-90

*Not Applicable as the unit is Zero effluent discharge unit

PART-D

Hazardous Waste

[As Specified under Hazardous and Other Wastes
(Management and Transboundary Movement) Rules, 2016]

Hazardous Wastes	Total Quantity (Tonne/year)	
	2023-24	2024-25
(a) From Process		
1. Used Oil and waste residues containing Oil	139	148
2. Spent Pickling Liquor	13758	14608
3. Sludge from ARP	6.78	6.7
4. Process wastes, residues, and sludges	-	1.9
5. Oil and grease skimming	674.29	397.2
6. Used Glass Wool	-	2.04
7. Grinding sludge	3.48	9.12
From pollution control facilities		
1. Chemical Sludge from WWTP	206	171
2. ATFD Salt	-	245

PART-E

Solid Waste

Sl. No.	Solid Waste	Total Quantity (In Tonnes)	
		2023-24	2024-25
a.	From process ▪ Metallic waste	30,265	29,420
b.	From Pollution Control facility ▪ Iron Oxide from Acid Regeneration Plant	2,851	3,979
c.	(1) Quantity recycled within the unit	0	0
	(2) Sold	33,116	33,399
	(3) Disposed	0	0

Environment Statement 2024-25

PART-F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes

Name of Wastes	Characteristics	Disposal Method
Iron Oxide	Ferrous	Auctioned to recyclers
Metallic waste	Ferrous	Auctioned to outside party/ Sent inside Tata Steel for recycle
Used/ Oily scum	Oily	Disposal to TSDF
Sludge from ARP	Ferrous & Acidic	Disposal to TSDF
ETP Sludge	Sludge	Disposal to TSDF
ATFD Salt	Solid	Disposal to TSDF
Oil-soaked cotton waste	Oily	Disposal to TSDF
Grinding sludge	Oily Sludge	Disposal to TSDF

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

- Motion sensor lights installed for lowering energy consumption and costs.
- Reduction in Fresh water consumption through reuse and recycle of Industrial water, STP treated water and various process improvements.
- Reduction in Chemical Usage enabling reduced cost through process optimization.
- Achieved Zero effluent discharge.
- Covering of Waste bin with FRP Shed and usage of bags to prevent elimination of sludge spillage in surrounding areas.

PART-H

Additional measures/investment proposal of environmental protection including abatement of pollution Measures taken:

- Reduction of ARP Stack Particulate matter emission through process improvement initiatives.
- Greenery has been maintained, and plantation drives have been actively carried out to enhance the ecological footprint of the division.

PART-I

Any other particulars for improving in respect of environmental protection and abatement of pollution.

- CRM Bara is certified to Environment Management System, ISO-14001:2015, and ISO-45001:2018.