TSJ/EMD/C-23/149/26

Date: 28.09.2026

The Member Secretary

Jharkhand State Pollution Control Board

T.A. Division Building

HEC Campus, Dhurwa

RANCHI-834 004

Sub: Submission of Environment Statement for Cold Rolling Mill Complex at Bara, Tata Steel Limited, Jamshedpur for the FY'2025-26

Dear Sir

With reference to captioned subject, we are submitting the Environment Statement for Cold Rolling Mill complex at Bara, Tata Steel Limited, Jamshedpur for the FY'2025-26 duly filled in the prescribed format for your kind consideration.

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

Yours faithfully

For Tata Steel Limited



Head Environment Jharkhand (TSJ & CoE)

Encl: As above

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

ENVIRONMENTAL STATEMENT
FOR THE YEAR 2025-26

Cold Rolling Mill Complex, Bara
TATA STEEL LIMITED

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

[Form V]

Environmental Statement for the financial year ending 31/03/2026

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**	25th September 2025

PART-B

WATER & RAW MATERIAL CONSUMPTION

i) Water Consumption m3/day

Process & Cooling : 330

Domestic Consumption : 178

Name of the product	**Process water consumption/unit of product output (m3/t)**	
	During the Previous Financial year (2024-25)	During the Current Financial year (2025-26)
Cold Rolling Mill	0.26	0.161

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 (2024-25)	During the Current Financial year (2025-26)
Hot rolled coil	Cold Rolling Mill	1.04	1.06

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	**2024-25**	**2025-26**	**2024-25**	**2025-26**	
Total Suspended Solids	NA* (Zero Effluent Discharge)	NA* (Zero Effluent Discharge)	NA* (Zero Effluent Discharge)	NA* (Zero Effluent Discharge)	Nil
BOD					
COD					
Oil & grease					

(a) Air	**(Kg/day)**		**(mg/Nm^3)**		
Parameter	**2024-25**	**2025-26**	**2024-25**	**2025-26**	
PM	34	20	9.82	6	-94

*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)**	
	2024-25	**2025-26**
(a) From Process		
1. Used Oil	3.4	0
2. Waste residues containing Oil	144.4	225.3
3. Spent Pickling Liquor	14608.4	25290.6
4. Sludge from ARP	6.7	12.6
5. Process waste, residues, and sludges	1.9	0
6. Oil and grease skimming	397.2	363.5
7. Used Glass Wool	2.0	0.9
From pollution control facilities (WWTP & ZED Plant)		
1. Chemical Sludge from WWTP	171	166.1
2. ATFD Salt	245	205.5

PART-E

Solid Waste

Sl. No.	**Solid Waste**	**Total Quantity (In Tonnes)**	
		2024-25	**2025-26**
a.	From process ▪ Metallic waste	29,420	31292
b.	From Pollution Control facility ▪ Iron Oxide from Acid Regeneration Plant	3,979	4,500
c.	(1) Quantity recycled within the unit	0	0
	(2) Sold	33,399	35792
	(3) Disposed	0	0

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.

- 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 in ZED unit.
- Achieved Zero effluent discharge for CRM Bara process water.
- Covering of Hazardous Waste bins with FRP Shed and usage of bags to prevent 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.
- Online Stack Monitoring System at ARP – 2 commissioned and connected to JSPCB server.
- ZED salt & ETP sludge is being handled through bags to avoid any spillage at site and during transportation at CHWTSDF site.

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.