TSJ/EMD/C-23/150/26
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 Tubes Division, Tata Steel Limited, Jamshedpur for the FY'2025-26

Dear Sir,

With reference to captioned subject, we are submitting the Environment Statement for Tubes Division, 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

TUBES DIVISION
TATA STEEL LIMITED

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

[Form V]

Environmental Statement for the Financial Year ending 31/03/2026

PART-A

I)	**Name and address of the occupier**	**:**	Mr. T. V. Narendran Managing Director Tata Steel Limited, Jamshedpur-831001 Jharkhand
II)	**Industry Category** **Primary (SIC Code)** **Secondary (SIC Code)**	**:** **:** **:**	Orange Category 3316 Nil
III)	**Production capacity**	**:**	375000 MTPA (Standard Tubes) 125000 MTPA (Precision Tubes)
IV)	**Year of establishment**	**:**	1954
V)	**Date of last environmental statement submitted.**	**:**	25.09.2025

PART-B

WATER & RAW MATERIAL CONSUMED

i) Water Consumption (m^3/day)

1. **Industrial Consumption** : 495
   (Process & Cooling as Makeup water)
2. **Domestic Consumption** : 202

Name of the product	**Process water consumption per unit of product Output (m^3/t)**	
	During the Current Financial year (2024-25)	During the Current Financial year (2025-26)
Standard Tubes & Precision Tubes	0.68	0.59

ii) Raw Material Consumption:

Name of Raw Material	**Name of the Products**	**Consumption of raw material per unit of output**	
		During the previous financial year (2024-25)	**During the previous financial year (2025-26)**
Hot & Cold Rolled Strips	Standard tubes & Precision tubes	1.1207	1.0555
Zinc spelter		0.0073	0.0058
Pre-flux		0.0002	0.0002
Top-flux		0.0001	0.0001
Sulphuric Acid		0.0012	0.0011
Hydrochloric Acid		0.0005	0.0003

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 in discharges (mass/volume)		Percentage of variation from prescribed standards with reasons
a) WATER	**kg/day**		**mg/L**		
	2024-25	**2025-26**	**2024-25**	**2025-26**	
TSS Oil & Grease BOD COD	NA* (Zero Effluent Discharge)	NA* (Zero Effluent Discharge)	NA* (Zero Effluent Discharge)	NA* (Zero Effluent Discharge)	Nil
b) AIR	**kg/day**		**mg/Nm^3**		
	2024-25	**2025-26**	**2024-25**	**2025-26**	
PM	4.95	8.5	0.69	11.4	- 88.6

*No process effluent is being discharged outside the premises.

PART-D
HAZARDOUS WASTES
(As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2016)

Hazardous Wastes	Total Quantity (Tonne/year)	
	2024-25	**2025-26**
(a) From Process		
1.Used Oil	27	54.9
2. Waste Residue Containing Oil	283.9	13.9
2.Zinc fines or dust or ash or skimmings in dispersible form	719.6	652.3
3. Phosphate Sludge	37.4	43.8
4. Spent pickling liquor	1134	696.8
5. Empty barrels/containers/liners contaminated with hazardous chemicals/ Wastes	23.2	22.2
6. Used Glass wool/ ceramic Fiber	12.2	0
(b) From pollution control facilities		
1. Chemical sludge from common industrial ETP	77	353.6

PART-E
SOLID WASTES

Sl. No.	Solid Waste	Total Quantity	
		2024-25	**2025-26**
a.	From process- Metal finishing wastes	13128	14581.58
b.	From Pollution Control facility	Nil	Nil
c.	(1) Quantity recycled within the unit	Nil	Nil
	(2) Sold	13128	14581.58
	(3) Disposed	Nil	Nil

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.

Hazardous / Solid wastes	Characteristics	Method of disposal
Metal Finishing Wastes	Ferrous	Remelting at Tata steel and sold through recyclers.
Zinc Metal Wastes	Zinc compound	Sold through authorized recyclers.
Phosphating Sludge	Acidic	Sent for Disposal though Govt authorized agency
ETP Sludge	Acidic	Sent for Disposal though Govt authorized agency
Used oil & residue containing oil	Oily	Sold through authorized recyclers.

PART – G

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

- Achieved reduction in CO gas consumption from 232.35M Cubic Feet in FY 25 to 207.78M Cubic Feet in FY 26. of pollution control measures results in conservation of natural resources as well as on the cost of production.

PART – H

Additional investment proposal for environmental protection including abatement of pollution.

- 15 kw grid interactive roof-top solar photo voltaic system. It is a truly renewable energy source. Solar energy is Environment friendly and Pollution free. Solar energy reduces Carbon Footprint. Electricity becomes almost free after Break Even period. Using GIRTPV system is a great CSR initiative. Solar energy systems generally don't require a lot of maintenance. We need only need water to keep them clean.

PART – I

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

- Tubes Division getting highlighted in various areas in Sustainability such as Lower power consumption, Lower water consumption Mass, plantation drive, zero water discharge and 100 % solid waste disposal.
- Regular cleanliness Drive taken by Tubes Division which also got highlighted in newspapers
- Achieving 100 % waste disposal through a government-approved agency in a safe and secure way.
- We are maintaining Zero effluent discharge continuously for last seven years.
- Inhouse Coolant Treatment facility installed. This facility ensures cost savings, 98% water reuse, improved safety, reduced compliance, driving sustainable efficiency.
- A noise-monitoring unit has been installed at the HF2 Mill Floop area as part of our efforts to improve environmental and occupational noise assessment. This is the first device of its type implemented in our division. The system will provide continuous data for analysis, enabling better control measures and compliance with statutory requirements.
- Implementation continuous noise monitoring system at compressor house, enabling real time noise analytics, improved occupational health control, and enhanced regulatory compliance.