



TSM/SBBD/EMD/2025-26/37
26th September 2025

The Chief Environment Engineer (Circle-1)
U.P. Pollution Control Board,
TC- 12V, Vibhuti Khand,
Gomati Nagar, Lucknow (U.P)

Sub.: Submission of Environmental Statement (Form-5) for the period of 1st April -2024 to 31st March – 2025

Dear Sir/Madam,

This has reference to the captioned subject. We are submitting herewith Environmental Statement in prescribed Form-5 for the period of 1st April 2024 to 31st March 2025 for our plant Tata Steel Limited, located at Plot No – 23, Site-IV, Sahibabad Industrial Area, Ghaziabad, Uttar Pradesh.

We Hope you will find same in order.

Yours Faithfully,
For, Tata Steel Limited


Mukesh Kumar
(Executive Plant Head)

Encl.: As above

Copy To:

1. The Regional Officer, U.P Pollution Control Board, INS 2, Sector-16, Vasundhara, Ghaziabad (U.P.)

TATA STEEL LIMITED

23 Site IV Sahibabad Industrial Area Ghaziabad 201010 Uttar Pradesh Tel 91 120 3028001 99 Fax 91 120 2770509/410057475
Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India Tel 91 22 66658282 Fax 91 22 66657724
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

[FORM-V]

(see rule 14)

Environment Statement for the financial year ending 31st March 2025 for**Tata Steel Limited (CRM Plant)****Plot No. 23, Site-IV, Sahibabad, Dist.- Ghaziabad (U.P.)**

PART- A		
i.	Name and address of the Owner/Occupier of the industry, operation, or process	Mr. T.V. NARENDRAN (MD&CEO) Tata Steel Limited Plot No. 23 & others, Site- IV, Sahibabad Industrial Area, Sahibabad, Ghaziabad, (U.P).
ii.	Industry category Primary-(STC Code) Secondary-(STC Code)	Red
iii.	Production capacity	Production Capacity: Cold Rolled Steel Strips / Sheets 1250 MT/Day and Coated Plain & Corrugated Sheets: 1250 MT/Day Production During 2024-25: Cold Rolled Steel Strips / Sheets--1049.92 MT/Day Coated Plain & Corrugated Sheets-- 950.93 MT/Day
iv.	Year of Establishment	1989
v.	Date of the last environmental Statement Submitted	27 th September 2024 Vide Letter No. TSL/UPPCB/Form-V/2024/09-1

PART – B		
B-1: Water Consumption (KL/Day)		
Water consumption	During the previous Financial Year (2023-24)	During the Financial Year (2024-25)
a) Process Water	392	374
b) Cooling Water	959	550
c) Domestic	62	63
d) Others	123	40
Process Water Consumption per unit of product (KL/MT)		
Name of Product	Process Water Consumption per unit of product	
	Previous Year (2023-24)	Current Year (2024-25)
Cold rolled steel strips/sheets and Coated plain & corrugated sheets	0.87	0.49
B-2: Raw Material Consumption		

Name of Raw material	Name of Product	Raw material consumption per unit of product	
		During Previous Financial Year (2023-24)	During Current financial Year (2024-25)
HR COILS	Cold Rolled Steel Strips / Sheets and Coated Plain & Corrugated Sheets	1087.17 Kg/MT	1102.20 Kg/MT
Zinc & Alloy		11.49 Kg/MT	10.53 Kg/MT
Aluminium Silicon		1.51 Kg/MT	1.96 Kg/MT
Paint		1.94 Kg/MT	2.09 Kg/MT
Acid		3.02 Kg/MT	3.58 Kg/MT
Gas (RLNG)		1.34 MBTU/MT	1.25 MBTU/MT
Lime		0.90 Kg/MT	0.82 Kg/MT
Fuel (HSD)		0.02 Kg/MT	0.02 Kg/MT
LSHS		00 KL/MT	00 KL/MT

PART – C

Pollution Discharged to Environment / unit of output (Parameters as specified in the Consent issued)

C-1: Water Pollution

Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants discharged (mass/volume)	% of variation from prescribed standards in CTO
ETP Discharge	2024-25	2024-25	2024-25
pH	We are achieving Zero Effluent Discharge. Where the ETP treated water is further being treated & recycled in RO+MVR+ATFD unit		
COD			
BOD			
TSS			
Oil & Grease			
STP Discharge	2024-25	2024-25	2024-25
pH, BOD, TSS, Fecal Coliform	We are achieving Zero Effluent/Sewage Discharge.		

C-2 Air Pollution

Pollutants	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants (mass/volume)	% of variation from prescribed standards in CTO
Air (emissions)	2024-25	2024-25	2024-25
	Ton/day	mg/Nm ³	%
PM	0.12	17.35	NA

Air Pollution: Stack Emissions	PM (mg/nm3)	SO2 (mg/nm3)	NOx (mg/Nm3)	Acid Mist (mg/nm3)
DG set stack	**	**	**	NA
Pickling Stack - Old	22.41	NA	NA	<0.02
Boiler I Stack (UP 5447)	21.18	<5.0	<5.0	NA
Boiler II Stack (UP 5446)	16.64	<5.0	<5.0	NA
Pickling Stack - New	14.67	NA	NA	<0.02
Acid Recovery Plant I Stack	13.80	NA	NA	<0.02
GP Zinc Pot Furnace	23.02	<5.0	<5.0	<0.02
Acid Recovery Plant II Stack	28.84	ND	ND	<0.02

** DG (2x12MW)- Not in operation

PART- D		
Hazardous Wastes		
(As specified under Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016)		
D-1: From process		
Hazardous wastes	Total Quantity Generated (MT)	
	During the previous financial Year 2023-24	During the current financial year 2024-25
Used / Spent Oil	3.04	5.34
Zinc Dross /Zinc Ash	791.97	1139
Sludge from bath containing organic solvents	156.70	152.17

Oily sludge	641.17	787.47
Wastes or residues containing oil	6.50	42.76
Spent acid/Alkali	940.04	1400
Lead Ash	Nil	Nil
D-2: From pollution control facilities		
ETP Sludge	1641.05	2530

PART-E		
Solid Wastes (As specified under Solid Waste Management, Rules, 2016)		
E-1: Generation from process		
Name	Total Quantity (MT)	
	During the previous financial Year 2023-24	During the current financial Year 2024-25
Trimming, Scrap & Arising	13910.09	18468
Garbage	491.73	385.99
E-2: Generation from Pollution Control Facility		
Name	Total Quantity (MT)	
	During the previous financial Year 2023-24	During the current financial Year 2024-25
Iron Oxide	2640.49	2962.35
E-3.1: Quantity recycled or re-utilized within unit		
Name	Total Quantity (MT)	
	During the current financial Year 2023-24	During the current financial Year 2024-25
NA	NA	NA
E-3.2: Quantity Recycled or reutilized or Sold outside unit		
	Total Quantity (MT)	

Name	During the current financial Year 2023-24	During the current financial Year 2024-25
Iron Oxide	2640.49	2962.35
Trimming, Scrap & Arising	13910.09	18468
E-3.3: Disposed		
Name	Total Quantity (MT)	
	During the current financial Year 2023-24	During the current financial Year 2024-25
Garbage	491.73 MT	385.99

PART-F		
Please specify the characteristics in terms of composition and quantum of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:		
F-1: Major Hazardous Wastes		
Description	Chemical composition	Disposal Method
ETP Sludge	Na(mg/kg)-92, SO4(%)-188, N(mg/kg)-29, OM(%)-148, Fe(mg/kg)-9.78, K(mg/kg)-12	Through Authorised Agency / TSDf
Wastes or residues containing oil	Na(mg/kg)-88, SO4(%)-186, N(mg/kg)-27, OM(%)-146, Fe(mg/kg)-9.76, K(mg/kg)-11	Through Authorised Agency / TSDf
Sludge from bath containing organic solvents	Na(mg/kg)-86, SO4(%)-182, N(mg/kg)-25, OM(%)-144, Fe(mg/kg)-9.74, K(mg/kg)-13	Through Authorised Agency / TSDf
Mill/Oily Sludge	Na(mg/kg)-72, SO4(%)-165, N(mg/kg)-19, OM(%)-132, Fe(mg/kg)-9.61, K(mg/kg)-13	Through Authorised Agency / TSDf

We have provided proper arrangements for storage of hazardous & other waste. Covered shed with. Concrete floor and containment have been provided for safe storage before disposal to authorized disposal/recycling agency

PART- G

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

- Achieving ZED by Commissioning of MVR & ATFD unit to efficiently recycle the treated water of Effluent Treatment Plant. This has reduced the intensity of fresh-water withdrawal.
- Started utilization of STP recycled water of Ghaziabad Nagar Nigam through pipeline for industrial use, this has/will significantly reduce our dependency on use of fresh water.
- Maintenance of Rainwater Harvesting structures i.e. Adopted ponds in nearby villages

- Cycle of Concentration (COC) maintained more than 5 at Cooling Towers has reduced the use of makeup water.
- Retrofitting of DG sets on Dual fuel mode has prevented air emission.
- Use of Cleaner fuel (i.e. LNG) in furnaces & boiler section has reduced air emission.
- For financial year 2024-2025, Expenditure towards the Environment is more than Rs 11.46 Crores which includes Environmental monitoring/testing, Waste-Water Treatment & Hazardous Waste Disposal
- Regular stack monitoring & Analysis, Ambient air monitoring & Analysis, Ground water Sampling & Analysis is conducted by third party NABL and government accredited labs

PART- H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution:

- Upgradation of the existing pollution control equipment to minimize the levels of pollutant emissions.
- Adaption of best available technology to achieve best in class performance.
- Development & maintenance of Rainwater harvesting structure.
- Energy efficiency improvement by installation of energy efficient pumps & process optimization.
- Greenbelt development and maintenance at allotted lands

PART – I

(Miscellaneous)

Any other particulars for improving environmental protection and abatement of pollution

- We conduct week-long awareness campaigns for World Environment Day, engaging employees, School children and visitors on critical global and local environmental issues, including the Single Use Plastic Ban, Mission LIFE.
- Reduction of Green House Gas emissions through various resource conservation initiatives
- More than 86000 saplings planted to develop Miyawaki forest on the allotted land of Ghaziabad Nagar Nigam
