



TSJ/EMD/C-23/198/24
September 27, 2024

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

Subject: Submission of Environment Statement for Tata Growth Shop (Adityapur Complex), Tata Steel Limited, Jamshedpur for the year 2023-24

Dear Sir,

With reference to captioned subject, we are submitting herewith the Environment Statement for Tata Growth Shop (Adityapur Complex), Tata Steel Limited, Jamshedpur for the year 2023-24 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

Ph: 8092087043 (M) e-mail: utsav.kashyap@tatasteel.com

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 2023-24**

**Tata Growth Shop
Adityapur Complex
Tata Steel Limited**

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

Environmental Statement for 2023-24

[Form V]

Environmental Statement for the Financial Year ending 31/03/2024

PART-A

i)	Name and address of the owner / occupier of the industry operation or process	:	Mr. T.V. Narendran CEO & MD Tata Steel Limited Tata Growth Shop (Adityapur Complex) Gamharia, Saraikela Kharsawan 832108 , Jharkhand
ii)	Industry Category	:	Orange Category
iii)	Production Capacity	:	Steel Plant Equipment & Spare Capacity – 110 MT/Day
iv)	Year of establishment	:	1969
v)	Date of last Environmental Statement submitted	:	September 25, 2023 vide letter no. TSJ/EMD/C-23/178/23

PART-B

WATER & RAW MATERIAL CONSUMPTION

i) Water Consumption, m³/day

1. Process : 0 (Dry Process)
2. Domestic : 256

Name of the product	Process water consumption per unit of product Output (m ³ /t of product) *	
	2022-23	2023-24
Steel Plant Equipment's & Spare	0	0

*No water consumed in the process

ii) Raw Material Consumption:

Name of raw material	Name of the products	Consumption of raw material per unit of output (ton/ton of product)	
		2022-23	2023-24
Steel Plates casting & forging	Steel Plant Equipment's & Spare	1.30	1.61

Environmental Statement for 2023-24

PART-C

POLLUTION DISCHARGED TO ENVIRONMENT/UNIT OF OUTPUT (PARAMETER AS SPECIFIED IN THE CONSENT ISSUED)

Pollutants	Quantity of pollutants Discharged (Kg/day)		Concentrations of pollutants in discharges (mg/L)		Percentage of variation from prescribed standards with reasons
	2022-23	2023-24	2022-23	2023-24	
a) WATER	Kg/day		mg/L		
Not Applicable*					
b) AIR	Kg/day		mg/Nm ³		
PM	1.26	NA [#]	28.86	NA [#]	-

*No process effluent is being discharged outside the premises as the Unit is Zero Effluent discharge unit

[#]There is no Process stack in TGS. HT Furnace is based on Electrical Induction heating.

PART-D

HAZARDOUS WASTES

(As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2016)

Hazardous Wastes	Total Quantity	
	2022-23	2023-24
(a) From Process		
Used oil	42.84 KL	35.94 MT
Waste coolant mix oil	46.2 KL	47.12 MT
Oil-soaked cotton jute	10.56 MT	9.9 MT
(b) From pollution control facilities	Nil	Nil

PART-E

Solid Waste

Sl. No.	Solid Waste	Total Quantity	
		2022-23	2023-24
(a)	From process (in MT)		
	i. Gas Cut Slag	365	189
	ii. Remelting steel scrap	4627	3585
	iii. Steel Turning Boring	390	548
(b)	From pollution control facilities	Nil	Nil
(c)	(1) Quantities recycled or reused within the unit	Nil	Nil
	(2) Sold	5381	4321
	(3) Disposed	Nil	Nil

Environmental Statement for 2023-24

PART-F

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

Hazardous / Solid wastes	Characteristics	Method of disposal
Steel Scrap (Solid Waste)	Ferrous	Sold to authorized recyclers
Used Oil	Oily	Sold to authorized recyclers
Waste coolant mix oil	Oily	Sold to authorized recyclers
Oil-soaked cotton jute	Oily	Collected and disposed through govt approved disposal facility

PART – G

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

- No runoff oil is allowed to mix in surface water and mix water.
- Rainwater harvesting in Plant and township area.
- Digital telemetry and flowmeter installed to reduce leakages.
- Solar lights installed in plant and township.

PART – H

Additional investment proposal for environmental protection including abatement of pollution.

- CAAQMS is installed and working effectively inside the campus.
- STP being installed in plant.

PART – I

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

- Green patch is developed in significant area inside plant.
- Oil catchment pit.
- Piezometer being installed to monitor ground water level.