TSJ/EMD/C-23/055/25
September 26, 2025

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

Subject: Submission of Environment Statement for Tata Steel Limited, Galudih for the year 2024-25

Dear Sir

With reference to captioned subject, we are submitting herewith the Environment Statement for Tata Steel Limited, Galudih 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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Tel 91 22 66658282 Fax 91 22 66657724
Corporate Identity Number L27100MH 1907PLC000260 Website www.tatasteel.com

ENVIRONMENTAL STATEMENT
FOR THE YEAR 2024-25

For
Tata Steel Limited,
Galudih,
District - East Singhbhum

Submitted by:
Environment Management Department
Tata Steel Limited
Jamshedpur-831001
Jharkhand

[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:**	Occupier Name: T V Narendran Mauza -Ulda P S - Galudih, District -East Singhbhum
(ii)	**Industry Category**	Green Category
	Primary STC Code:	---
	Secondary STC Code	---
(iii)	**Production Capacity**	Processing & Storage of 1125 TPD LD Slag
(iv)	**Year of Establishment**	25/10/2012
(v)	**Date of last Environment Statement submitted**	27 September 2024 vide letter no. TSJ/EMD/C-23/203/24

PART B

WATER & RAW MATERIAL CONSUMPTION

1. **Water Consumption m^3/day:**

Process: 512 (Recycled water)
Cooling: Not applicable
Domestic: Not applicable

Name of product	Process water consumption per unit of product Output (m^3/t of product)	
	During the current financial Year (2023-24)	During the current financial Year (2024-25)
Storage of Solid waste (LD Slag)	0.33	1.15

2. **Raw Material Consumption:** Here LD slag is stored only and under the processing activity, it is washed only to remove some lime content. Hence no consumption of raw material. LD slag is raw material and processed LD slag is product after washing.

Name of raw material	Name of products	Consumption of raw material per unit of output (ton/ton of product)	
		During the previous financial year (2023-24)	During the current financial year (2024-25)
LD slag generated from steel making shop at Tata Steel limited, Jamshedpur.	Processed LD Slag	1.48	1.21

PART C

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

Pollution	Quantity of pollutants discharged (mass/day)		Concentration of pollutants in discharged (mass/volume)		Percentage of variation from prescribed standards with reason
	2023-24	2024-25	2023-24	2024-25	
(a) Water	**(Kg/day)**		**(mg/L)**		
TSS	Not applicable*				
BOD					
COD					
Oil & Grease					
(b) Air	**(Kg/day)**		**(mg/Nm^3)**		
PM	Not applicable**				

Note: *The site is Zero effluent discharge facility

**There are no air pollution emission sources at the site. Only storage, washing and natural weathering of slag is carried out at the site.

PART D

Hazardous waste

[As specified under Hazardous & Other Waste (Management & Trans boundary Movement) Rules, 2016]

Hazardous waste	Total Quantity (Kg)	
	During the Previous Financial year 2023-24	During the current Financial year 2024-25
(a) From process:*	NA	
(b) From Pollution Facilities#		

*Not applicable as unit is used for storage, washing/ sprinkling/ atmospheric drying/ ageing/ and again transportation and dispatch to intended parties as per requirement.

There is no such pollution control facility, for abatement of pollution and preserving the environment. Water sprinkling is done regularly to avoid fugitive emission.

PART E

Solid Waste

Solid Wastes		Total Quantity (kg/Annum)	
		During the previous financial year (2023-24)	During the current financial year (2024-25)
a	From Process:		
	Any waste generation	No solid waste is generated from process	No solid waste is generated from process
b	From pollution control facilities	There is no air pollution control facility such as Bag filter, ESP etc. as there are no air pollution emission sources. Water sprinkling over roads is done periodically.	There is no air pollution control facility such as Bag filter, ESP etc. as there are no air pollution emission sources. Water sprinkling over roads is done periodically.
c	Quantity recycled or reutilized within the unit	NA	
	Sold (to reuse as fuel)		
	Disposed		

Note: The site only involves storage, washing and natural weathering of LD slag.

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	Quantum	Disposal Method
Hazardous waste			
No Hazardous waste generated*	NA		
Solid waste			
No solid waste generated*	NA		
* Here L.D. slag is stored and washed only, and after washing process it is dispatched. Some portion of lime contents of LD slag goes back to the internal water pond due to washing process, where it is settled at the bottom of the pond. Pond has impervious concrete flooring. Hence there is no waste generation from this facility, either solid waste or hazardous waste.			

PART G

Impact of Pollution control measures taken on conservation of natural sources & cost of production

- Slag is stored on lined surface and sprinkling on the dumps is done with recirculating water taken from pond storing rainwater. No use of ground water in processing of slag. Thus, conserving natural resource.
- LED lighting is ensured inside the facility.
- Industrial power requirements are being met with grid power instead of DG sets, avoiding consumption of fuel oil.
- Topsoil excavated has been stored in designated area and conserved by way of plantation.

PART H

Additional measures/investment proposal of environmental protection including abatement of pollution.

- Water sprinkling across the dump with Mobile water sprinklers is done. Also Mechanized water sprinklers have been deployed to suppress the dust deposited in the plant roads at routine intervals.
- Water is sprinkled on slag thus controlling fugitive emissions.
- Pucca roads constructed within the plant for preventing generation of fugitive dust due to plying of vehicles.

PART I

Any other particulars for improving the quality of Environment:

- Greenery has been developed across the facility and continuous watering to plants and saplings is ensured. Vacant areas in and around the unit have also been planted with trees for enhancing the overall green cover.
- Slag Dump height has been reduced significantly, further improving the environment condition.