



TSJ/EMD/C-23/202/24  
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 Steel Limited – Solid Waste storage (LD & ACBF Slag) unit at Bhatkunda, Jamshedpur for the year 2023-24**

Dear Sir,

With reference to the captioned subject, we are submitting herewith the “Environment Statement” for Tata Steel Limited - Solid Waste storage (LD & ACBF Slag) unit at Bhatkunda, 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)**

Encl: 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**

**FOR STORAGE & PROCESSING YARD OF SOLID WASTES  
(LD & ACBF SLAG)  
BHATKUNDA, TATA STEEL LIMITED**

**Submitted by:  
Environment Management Department  
TATA STEEL LIMITED  
JAMSHEDPUR-831001  
JHARKHAND**

# Environment Statement for 2023-24

## FORM-V

### Environmental Statement for the financial year ending 31<sup>st</sup> March 2024

#### PART-A

i)	Name and address of the owner / occupier of the industry operation or process	:	Tata Steel Limited, Occupier Name: T V Narendran Mauza -Bhatkunda, P S -Chakulia, District -EAST SINGHBUM
ii)	Industry Category	:	Green Category
	Primary (STC Code)	:	---
	Secondary (STC Code)	:	---
iii)	Production Capacity	:	Storage of Solid waste (LD Slag) -9300 Tonne/Month or 300Tonne Per Day, Storage of Solid Waste (ACBF Slag)- 6200 Tonne/Month or 200 Tonne Per day
iv)	Year of establishment	:	May 2018
v)	Date of last Environmental Statement submitted	:	September 28, 2023.

#### PART-B

#### WATER & RAW MATERIAL CONSUMPTION

**i) Water Consumption, m3/day**

**Facility is not in operation at present. Hence consumption of water or raw material is NIL.**

Name of the product	Process water consumption per unit of product Output. (m <sup>3</sup> /t of product)	
	During the Previous Financial year 2022-23	During the current Financial year 2023-24
Processing of LD Slag by Weathering and aging	Nil*	Nil*

\*Note: At present Bhatkunda facility is not under operation.

## Environment Statement for 2023-24

**ii) Raw Material Consumption:**

Name of raw material	Name of the products	Consumption of raw material per unit of output (ton/ton of product)	
		During the Previous Financial year 2022-23	During the current Financial year 2023-24
LD Slag generated from Steel Making Shop at Tata Steel Limited, Jamshedpur	Processed L.D. slag by weathering and aging	Nil*	Nil*

\*Note: At present Bhatkunda facility is not under operation.

### PART-C

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

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants discharged (mass /volume)	Percentage of variation from prescribed standards with reason
<b>a) WATER</b>			
pH	Not Applicable	Not Applicable	Not Applicable
TSS	Not Applicable	Not Applicable	Not Applicable
Oil & Grease	Not Applicable	Not Applicable	Not Applicable
<b>b) AIR</b>	Not Applicable	Not Applicable	Not Applicable
PM	Not Applicable	Not Applicable	Not Applicable

\*Note: At present Bhatkunda facility is not under operation.

### PART-D

#### HAZARDOUS WASTES

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

Hazardous Waste	Total Quantity (Kg)	
	During the Previous Financial year 2022-23	During the current Financial year 2023-24
a) From process:	NA	NA

## Environment Statement for 2023-24

b)	From Pollution Facilities.	NA	NA

\*Note: At present Bhatkunda facility is not under operation.

### PART-E

#### Solid Waste

		During the previous financial year 2022-23	During the current financial year 2023-24
a	From process		
	Any Waste Generation	Nil	Nil
b	From pollution control facilities-	Not applicable	
c1	Quantities recycled or reused within the unit - Not applicable		
c2	Sold-		
	LD & ACBF slag Processed	Nil	Nil
c3	Disposed -	Not applicable	

\*Note: At present Bhatkunda facility is not under operation.

### PART-F

Please specify the characterisation (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 *	N/A	N/A	N/A
Solid waste			
No solid waste generated*	N/A	N/A	N/A

\*Note: At present Bhatkunda facility is not under operation.

### PART-G

#### **Impact of pollution control measures taken on conservation of natural resources and cost of production**

- Plastic liner is in place at the storage area of LD and ACBF slag. This is Ensuring no contamination to ground water. We do not use ground water for any process. We have developed 04 Nos of ponds for storage of rainwater, thus conserving natural resource.
- Continuous sprinkling of water on roads inside the premises, ensures clean environment and dust free surroundings.

### PART-H

#### **Additional measures/investment proposal Environmental Protection including abatement of pollution prevention of pollution.**

- Mechanized water sprinklers have been deployed to suppress the dust deposited in the plant roads at routine intervals throughout the day.

### PART-I

#### **Initiatives for improving the quality of Environment.**

- System for rainwater harvesting is in place at site. Harvested water is being stored in 3 different RCC ponds of total capacity 62,000 m<sup>3</sup> or individual capacities of 27,000 m<sup>3</sup>, 19,250 m<sup>3</sup> and 15,900 m<sup>3</sup> respectively. Stored water will be reused as a process water for operation of the site along with dust suppression in the yard.
- Additional measure has been taken for MIYAWAKI plantation inside yard by this technique around 5000 Nos of sapling will be planted inside yard. Water sprinkling activity and watering of plant is done regularly through tankers.