



Shubhanand Mukesh
Head Environment Management

EMD/C-23/372/18
September 26th, 2018

The Member Secretary

Jharkhand State Pollution Control Board
T.A. Division Building, HEC Campus, Dhurwa
RANCHI - 834004

Subject: Environmental Statement 2017-2018 For Storage & Processing of LD Slag, Galudih, of Tata Steel Limited, Jamshedpur.

Dear Sir,

This has reference to the captioned subject. Please find enclosed the **“Environmental Statement” For Storage & Processing of LD Slag, Galudih, of Tata Steel Limited, Jamshedpur** for the year 2017-2018 duly filled in the prescribed format is enclosed for your kind consideration.

Thanking you

Yours faithfully,
For Tata Steel Limited

Shubhanand Mukesh
Shubhanand Mukesh
Head, Environment Management

Encl: As Above

Copy to: Regional Officer, Jharkhand State Pollution Control Board, Jamshedpur
- 831 013

Received

TATA STEEL LIMITED

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**ENVIRONMENTAL STATEMENT
FOR THE YEAR 2017-2018**

**For Storage & Processing of LD Slag
Galudih,
District -EAST SINGHBUM
TATA STEEL LIMITED**

**Submitted by:
TATA STEEL LIMITED
JAMSHEDPUR-831001
JHARKHAND**

PART-B

WATER & RAW MATERIAL CONSUMPTION

i) Water Consumption, KL/day

 Cooling : Nil

 Domestic

 1. Plant : Nil

 2. Colony :

Name of the product	Process water consumption per unit of product Output (m ³ /t of product)	
	During the Previous Financial year 2016-2017	During the current Financial year 2017-2018
LD Slag	NA	NA

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 2016-2017	During the current Financial year 2017-2018
LD Slag	LD Slag Processed	NA	NA

Note: Exclusive of electrical and other materials.

Environment Statement for 2017-18

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 2016-2017	During the current Financial year 2017-2018
a) From process: - Used lubricant oil	NA	NA
b) From Pollution Facilities.	NA	NA

PART-E Solid Waste

		During the Previous Financial year 2016-2017	During the current Financial year 2017-2018
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 slag Processed	Nil	Nil
c3	Disposed -		Not applicable

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.	<ul style="list-style-type: none"> • LD Slag Characterization. Fe(T) – 18-25; MgO – 1-2 CaO – 45-55; MnO – 0.5-1.0 SiO₂ – 10-12; Al₂O₃ – 0.8-1.0 P₂O₅ – 3.5-4.0; S – 0.2 TiO₂ – 0.8-1; Alkali – 0.18
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PART-G

Impact of pollution control measures taken on conservation of natural resources and cost of product	Green Belt Development as per CPCB guidelines is done.
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42.685 Acre (L D Slag - 3000 TPD) & 5.45 Acre (L D Slag - 3000 TPD) For Storage & Processing of LD Slag , Galudih, East Singhbhum Tata Steel Limited Page 4