



BY REGD. POST

TSL/J/E9.3/ENV/214

Dated: 31.07.2026.

Member Secretary,  
State Pollution Control Board, Odisha,  
Paribesh Bhawan. A/118, Nilakanthanagar,  
Unit-VIII. Bhubaneswar-751012.

Dear Sir,

**Sub: Env. Statement (Form-V) of 2025-26**

Please find enclosed herewith is the Environmental Statement (Form V) duly filled up for the financial year ended March 2026.

Thanking you,

Yours faithfully

For Tata Steel Limited

*initialed by*  
*[Signature]*  
*Naveen Kumar*  
(Naveen Kumar)  
Head (maintenance), Tata Steel Limited Joda

Cc to: Regional Officer

State Pollution Control Board,  
At/Po: Baniapat, College Road Keonjhar,  
Dist: Keonjhar, (ODISHA)

**TATA STEEL LIMITED**

Tata Steel Sponge Iron Joda Keonjhar Odisha 758 034 India  
Registered Office Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India  
Tel 91 22 6665 8282 Website www.tatasteel.com  
Corporate Identity Number L27100MH1907PLC000260

## FORM-V

Environmental statement for the financial year ending 31<sup>st</sup> March 2026.

### PART A

1. Name and address of the owner/occupier of the industry, operation, or process.

Mr. Naveen Kumar,  
Tata Steel Limited Joda  
Bileipada, Joda. Dist - Keonjhar, Odisha 758034

2. Industry category: Primary  
3. Production capacity ---- 4, 65000 MT per annum.  
4. Year of establishment.1986  
5. Date of the last environmental statement submitted. 26.06.2025

### PART B

#### Water and Raw Material Consumption

1. Water consumption m<sup>3</sup>/d  
Process----- NIL.  
Industrial ----- 1649.63 KL/Day  
Domestic-----1227.04 KL/Day

Domestic-----1227.04 KL/Day

| Name of products             | Process water consumption per unit of product output |                                                   |         |                                                   |         |         |          |
|------------------------------|------------------------------------------------------|---------------------------------------------------|---------|---------------------------------------------------|---------|---------|----------|
|                              | During the previous financial ear                    | During the current financial ear                  |         |                                                   |         |         |          |
|                              | (1) 2024-25                                          | (2) 2025-26                                       |         |                                                   |         |         |          |
| (1) Sponge Iron              | 1.94 KL/tP                                           | 1.89 KL/tP                                        |         |                                                   |         |         |          |
| (2) Raw Material Consumption |                                                      |                                                   |         |                                                   |         |         |          |
| Name of raw materials        | Name of products<br>(Sponge Iron)                    | Consumption of raw material per unit of output.   |         |                                                   |         |         |          |
|                              |                                                      | During the current financial year<br>2024-25 MT/T |         | During the current financial year<br>2025-26 MT/T |         |         |          |
|                              |                                                      | Kiln-I                                            | Kiln-II | Kiln-III                                          | Kiln- I | Kiln-II | Kiln-III |
| 1. Iron Ore                  |                                                      | 1.625                                             | 1.607   | 1.612                                             | 1.576   | 1.608   | 1.586    |
| 2. Coal                      |                                                      | 0.826                                             | 0.82    | 0.821                                             | 0.840   | 0.830   | 0.811    |
| 3. Dolomite                  |                                                      | 0.039                                             | 0.033   | 0.032                                             | 0.04    | 0.03    | 0.032    |

### PART C

#### Pollution discharged to environment / unit of output.

(Parameter as specified in the consent issued)

| Pollutants | Quantity of pollutants<br>discharged (mass/day)<br>PM thro stack | Concentrations of<br>pollutants in discharges<br>(mass/volume) | Percentage of variation form<br>Prescribed standards with<br>reasons |
|------------|------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------|
| (i) Water  | NIL                                                              | NIL                                                            | NIL                                                                  |
| (ii) Air   | 0.26 kg/tDRI                                                     | 34.64mg/Nm <sup>3</sup>                                        | within the norm                                                      |

### PART D

#### Hazardous wastes

[As specified under Hazardous Wastes (Management, Handling & Transboundary Movement Rules, 2016)]

| Hazardous<br>Wastes<br>(Used Oil)     | Total Quantity (Kg.)                            |                                                |
|---------------------------------------|-------------------------------------------------|------------------------------------------------|
|                                       | During the previous<br>financial year (2024-25) | During the current financial<br>year (2025-26) |
| (a) From process                      | 13.2 MT                                         | 20.49 MT                                       |
| (b) From pollution control facilities | NIL                                             | NIL                                            |

**PART E**  
**Solid Wastes**

|                                                | Total Quantity             |                            |
|------------------------------------------------|----------------------------|----------------------------|
|                                                | During the year<br>2024-25 | During the year<br>2025-26 |
| (a) From Process                               | 100092.55 MT               | 67741.97MT                 |
| (b) From Pollution control facilities          | 116016.05 MT               | 98884.71MT                 |
| (c) Quantity recycled or re-utilized the unit. | 12857.4 MT                 | 14039.12MT                 |
| 2- Sold & Utilised                             | 125722.33 MT               | 144432.32MT                |
| 3- Disposed (TSL dump)                         | 95480 MT                   | 38939.58 MT                |

**PART F**

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

(i) Hazardous Wastes: -

During 2025-26, 20.49 MT used Oil/used grease was sold to CPCB authorized recyclers- M/S National Lubricants (Mumbai, Maharashtra), M/S Plus Lubricants (Mumbai, Maharashtra) and M/s Ganapati Scrap (Meerut, UP)

(ii) Solid Wastes:

During 2025-26, approx. 60919.84 MT char sold to power generators for energy recovery. Besides, Back spillage and DE material of approx. 37412.23 MT also sold for power generators, briquette makers, etc for energy recovery and activated carbon manufacturer. Ash is used for Brick and paver block manufacturing by Jeet Fly Ash and other fly ash manufacturer in the nearby vicinity.

**PART G**

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

1. Company is generating 26 M W power from waste heat.
2. Utilizing the WHRB ash for Brick manufacturing by cold press method, thus saving coal, firewood, and topsoil.
3. Tata Steel is 'zero' water discharge plant. 100% of its wastewater is reused for brick making, dust suppression in RM yard and railway siding, firefighting, plantation, and road washing purposes.
4. STP is made at township and treated water is used for dust suppression at dump yard and brick making.
5. Company has taken various measures for energy conservation and natural resource conservations.
6. Roof top rainwater is conserved.
7. Rainwater harvesting pond is made for water conservation.
8. 235 KW Solar Power generation facility at township premises
9. 3 nos. of Tyre washing facility installed at material unloading points, Material dispatch area & Railway siding area.

Various improvements & modification resulted in maintenance of environmental parameters within the norms.

1. Maintenance of DE system
2. Maintenance of ESP system
3. Maintenance of dust suppression system
4. Maintenance of water recirculation system.
5. Housekeeping of plant area.
6. More than 33% of the area has been covered by a green belt.
7. Waste management system (conversation of waste to wealth concept)
8. Water jacketing facility at char unloading points.
9. Water tank for plant and railway siding dust suppression.
10. Water fogging arrangement at Coal & Iron material feeding area.
11. Unloading spouts with water jacketing has been installed at storage bin of Char to suppress fugitive dust emission.

*Handwritten signature/initials in blue ink.*

## PART H

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

1. Plantation of 5000 trees to be planted at TSSIJ and plant periphery.
2. Installation of flow meter at wastewater point area.
3. Installation of STP at plant site
4. Operation of 360-degree mist cannon round the day for dust suppression.

## PART I

Plantation of 2050 trees were carried out at TSSIJ dump yard, Dhublameda UP school, Lahanda village and in Kaliabeda village. Any other particulars for improving the quality of the environment.

1. Online PM monitoring system in all 6 stacks has been installed & data is transmitting to OSPC Board.
2. Rain gun and water fogging system installed at new iron ore circuit and raw material yard.
3. Installed advanced ESP controller to lower down the stack emission further.
4. The Surveillance IP Camera has been installed for online monitoring in all three ESP Stacks.
5. Garland drains with settling pits have been constructed at Railway siding area.
6. 2 nos. of automatic wheel washing system have been installed.
7. 300 nos. Bird House has been installed as per Biodiversity plan. Pisciculture and ostriculture is initiated.
8. Concrete road (650 mtrs.) was made from ISB-3 to Waste dump yard area and in gate 3 area.
9. Construction of 250 mtrs. bitumen road from Rainwater harvesting area to ISB-3 area.
10. Installation of EQMS online effluent monitoring system.
11. Installation (2 nos.) of LED/Video display Board for online data display.
12. Truck mounted road sweeping machine operated.
13. ETP has been upgraded for wastewater management.

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