

JUSL/JRD/ENV/2026-27/10

Date: 16.09.2026

To  
The Member Secretary,  
State Pollution Control Board, Odisha  
A/118, Nilakantha Nagar, Unit VIII  
Bhubaneswar – 750012

**Sub: Submission of annual Environmental Statement for the financial year 2025-26.**

Dear Sir,

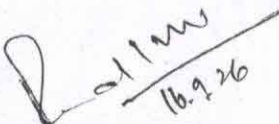
This is in reference to the above mentioned subject.

Please find enclosed herewith the "Annual Environmental Statement (Form-V)" dully filled in the prescribed format for the financial year 2025-26.

This is for your kind perusal please.

Thanking You,

Yours faithfully,  
For **Jindal United Steel Limited**

  
**Pramod Kumar Singh**  
Vice President – HSM

Encl: As Above

CC: The Regional Officer, State Pollution Control Board, KNIC, Jajpur Road



# FORM -V

## Form-V

### ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING ON 31<sup>ST</sup> MARCH, 2026

#### Part-A

|                                                                               |   |                                                                                              |
|-------------------------------------------------------------------------------|---|----------------------------------------------------------------------------------------------|
| Name and address of the owner/ occupier of the industry, operation or process | : | Pramod Kumar Singh<br>Vice President<br>Jindal United Steel Limited<br>Jajpur-755026, Orissa |
| Industry Category                                                             | : | Red                                                                                          |
| Primary/(STC code)                                                            | : | Large Industry                                                                               |
| Secondary (STC code)                                                          | : | Metal and Mining                                                                             |
| Production Capacity                                                           | : | Hot Strip Mill 3.2 MTPA                                                                      |
| Year of Establishment                                                         | : | 2007                                                                                         |
| Date of Last Environmental /Audit Report submitted                            | : | 24.09.2025*                                                                                  |

#### Part-B

#### WATER AND RAW MATERIAL CONSUMPTION

| Water consumption<br>(m <sup>3</sup> /Day)                   | 2024-25 | 2025-26 |
|--------------------------------------------------------------|---------|---------|
| Process*                                                     | 379     | 324     |
| Cooling**                                                    | 1137    | 1134    |
| Domestic                                                     | 73      | 79      |
| Total                                                        | 1589    | 1537    |
| * Includes fresh water for water make up, Service water etc. |         |         |
| ** Includes fresh water for cooling tower make up            |         |         |

#### Water consumption per Ton of Product:

| Name of products      | Water consumption per unit of products<br>(m <sup>3</sup> /MT) |
|-----------------------|----------------------------------------------------------------|
| Hot Rolled Black Coil | 0.29                                                           |

**PART-C**

**POLLUTION DISCHARGED TO ENVIRONMENT/ UNIT OF OUTPUT**  
**(PARAMETERS AS SPECIFIED IN CONSENT ISSUED)**

**Raw Material Consumption:**

| Name of raw materials | Name of Products | Consumption of raw material per unit of Output (KG/ MT or (MWH) |                                             |
|-----------------------|------------------|-----------------------------------------------------------------|---------------------------------------------|
|                       |                  | During the current Financial Year (2024-25)                     | During the current Financial Year (2025-26) |
| Slab                  | Black coils      | 1013 Kg/MT                                                      | 1014 Kg/MT                                  |

**A. Water Pollutants**

The effluent generated is being treated in the Effluent Treatment Plant and the treated water is being reused in the process. No wastewater is allowed to discharge outside the plant.

**B. Air Pollutants**

**B.1 Pollutants from Stack:**

| SI No. | Stack details                 | Pollutants discharged | Quantity of Pollutants discharged (mass/day) (Ton/day) 2025-26 | Concentration of Pollutants discharged (mass/volume) (mg /Nm <sup>3</sup> ) 2025-26 | Percentage of variation from prescribed standard |
|--------|-------------------------------|-----------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|
| 1      | Re- heating Furnace Stack - 1 | PM                    | 0.047                                                          | 16.56                                                                               | (-) 83.44 %                                      |
| 2      | HSM - PFS SBLR - 1            | PM                    | 0.01                                                           | 17.48                                                                               | (-) 82.52 %                                      |
| 3      | HSM - HPL SBLR Stack          | PM                    | 0.007                                                          | 15.84                                                                               | (-) 84.16 %                                      |
| 4      | Re- heating Furnace - 2       | PM                    | 0.015                                                          | 16.11                                                                               | (-) 83.89 %                                      |
| 5      | HSM - PFS SBLR Stack - 2      | PM                    | 0.003                                                          | 16.54                                                                               | (-) 83.46 %                                      |

**B.2 Discharge of water pollutant:**

The effluent generated from process is being treated and recycled within plant premises in different activities and wastewater is not allowed to discharge outside the plant.

**Part-D**

**HAZARDOUS WASTES**

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

| Hazardous wastes |                                | Generation Quantity (in MT)                |                                           |
|------------------|--------------------------------|--------------------------------------------|-------------------------------------------|
|                  |                                | During the Previous financial year 2024-25 | During the current financial year 2025-26 |
| From Process     | Used / Spent Oil               | 14.08                                      | 9.06                                      |
|                  | Used Grease                    | -                                          | 3.91                                      |
|                  | Waste / Residue containing Oil | 11.05                                      | 7.47                                      |
|                  | HPL ETP Sludge (CRM)           | 7039.86                                    | 8108.4                                    |
|                  | Insulation Material            | 10.3                                       | 20.52                                     |

**Part-E**

**SOLID WASTES**

| Solid wastes                      |                                      | Quantity (in MT)                  |                                           |
|-----------------------------------|--------------------------------------|-----------------------------------|-------------------------------------------|
|                                   |                                      | During the financial year 2024-25 | During the current financial year 2025-26 |
| From process                      | Scale - HSM                          | 5276                              | 7728                                      |
| From Pollution control facilities | Dust from APC devices (Shot blaster) | 1001                              | 884                                       |

**Part-F**

**Characteristics of Hazardous as well as solid wastes and their disposal practice.**

**A) Hazardous Wastes**

**Hazardous Wastes Characteristics and Disposal practice:**

| Sl. No. | Hazardous Wastes                | Characteristics | Quantity (2025-26) | Mode of Disposal                                                |
|---------|---------------------------------|-----------------|--------------------|-----------------------------------------------------------------|
| 1       | Used / Spent Oil                | Liquid          | 9.06 T             | Sold to Authorised recycler                                     |
| 2       | Used Grease                     | Semi Solid      | 3.91 T             | Sold to Authorised recycler                                     |
| 3       | Waste of Residue containing Oil | Liquid          | 7.47 T             | Sold to Authorised recycler                                     |
| 4       | HPL ETP Sludge                  | Solid           | 8108.4 T           | Disposed at CHWTSDf of M/s. Re Sustainability Limited.          |
| 5       | Insulation Material             | Solid           | 20.52 T            | Disposed at CHWTSDf of M/s. Re Sustainability Limited, Sukinda. |

**B) Solid Wastes****Solid Wastes Characteristics and Disposal practice:**

| Solid Wastes | Characteristics ( Chemical Analysis )                                                                                                                                                               | Mode of Disposal                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Scale        | Mercury as Hg – 0.007mg/l; Arsenic as As – 0.011mg/l; Selenium as Se – 0.023mg/l; Antimony as Sb – 0.33mg/l; Total Chromium as Cr – 0.069mg/l; Hexavalent Chromium as Cr <sup>+6</sup> – 0.009mg/l. | Entire quantity is being reused in Ferro Alloy making of M/s Jindal Stainless Limited. |

**Part-G****Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.**

1. Dedicated mechanized road sweeping machine has been procured for cleaning of roads of Hot Strip Mill.
2. An ETP of capacity 350 m<sup>3</sup>/day is in operation for treatment of water generated from HPL and PFS. The treated water is being reused for lime solution preparation of ETP and other low end plant activities.
3. New Industrial Vacuum Cleaner (IVC) system has been installed at the HSM for effective removal and collection of dust from the shop floor, thereby improving housekeeping and minimizing secondary dust emissions.

**Part-H****Additional measures/Investment proposal for environmental protection including abatement of pollution****a) Additional Measures**

1. To maintain and improve environmental performance within the plant premises, the following expenditures were incurred during FY 2025–26.

| <b>Expenditure on pollution control</b> |                                             |                    |
|-----------------------------------------|---------------------------------------------|--------------------|
| <b>Description</b>                      | <b>Expenditure in Crores during 2025-26</b> |                    |
|                                         | <b>Capital</b>                              | <b>Operational</b> |
| Air Pollution Control                   | 0.05                                        | 4.71               |
| Water Pollution Control                 | 0.60                                        | 6.07               |
| Hazardous Waste Management              | 0.54                                        | 3.09               |
| Greenbelt development                   | -                                           | 0.31               |
| <b>Total</b>                            | <b>1.19</b>                                 | <b>14.18</b>       |

**4. Plantation :**

- During the FY 2025-26 , 170 nos. of tress have been planted inside plant premises.

## PART -I

### Miscellaneous

#### **Any other particular for improving quality of environment**

##### **1. IMS Certification (New Standards) :**

The unit has obtained its recertification for Integrated Management System that includes ISO 14001:2015 (Environment Management System), ISO 9001:2015 (Quality Management System) and ISO 45001:2018 Occupational health & safety Management System).

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