

JUSL/JRD/ENV/2025-26/11

Date: 18.09.2025

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 2024-25.

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 2024-25.

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



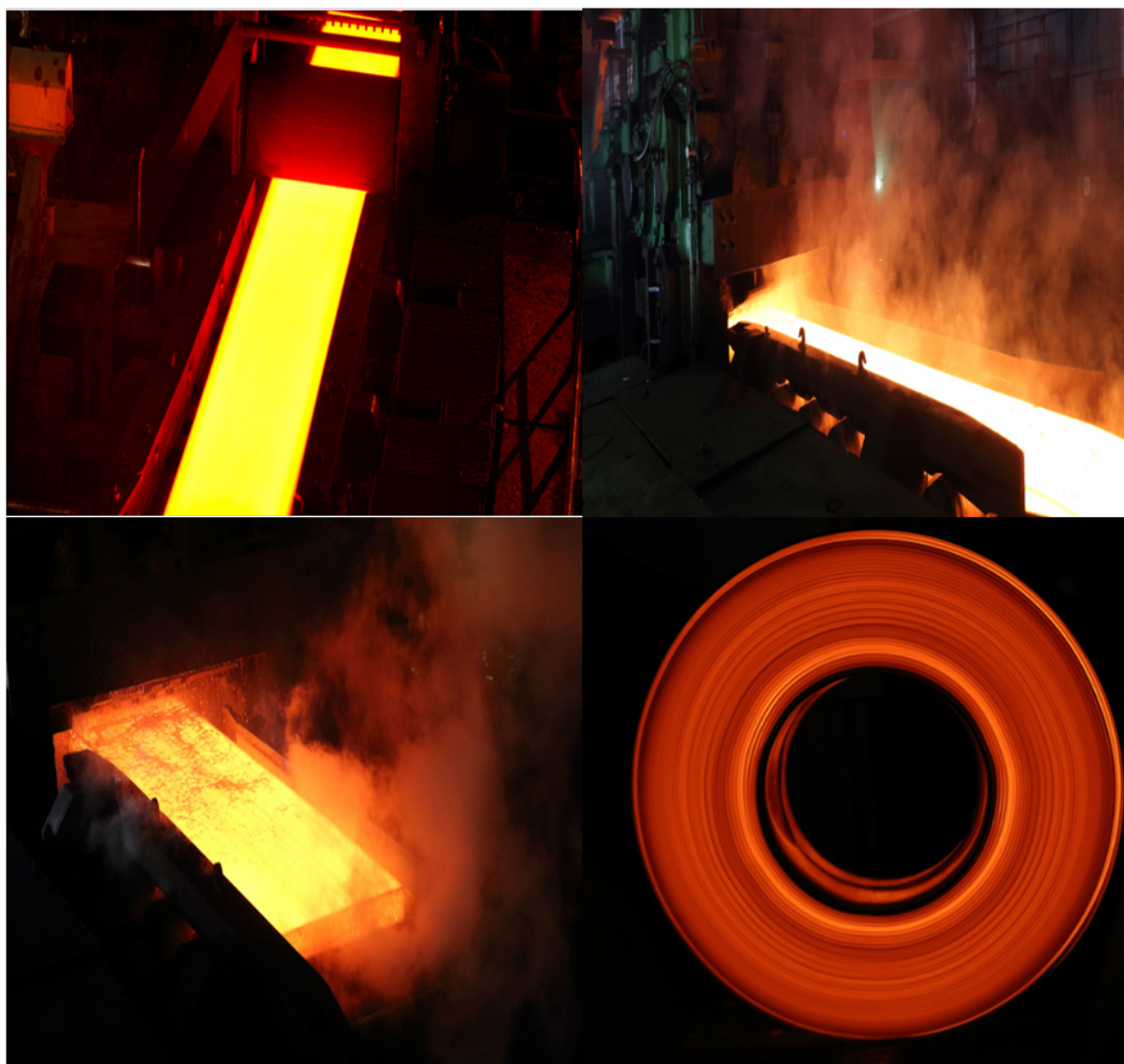
Jindal United Steel Limited

CIN : U28113HR2014PLC053875

Jajpur Office: Kalinga Nagar Industrial Complex, Dubun, Dist. Jajpur - 751026 (Odisha), India

Registered Office: O.P. Jindal Marg, Hisar - 125005 (Haryana), India

T: +91 8726 266260 F: +91 8726 266006 E: info@just.in



ENVIRONMENT STATEMENT

FINANCIAL YEAR 2024-25



JINDAL UNITED STEEL LIMITED

Kalinganagar Industrial Complex, Duburi, Dist. Jajpur - 755026, Orissa, India

Tel: +91 06726 266260

Fax: +91 06726 266006

E-mail: Info@jusl.in

FORM -V

Form-V

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING ON 31ST MARCH, 2025

Part-A

Name and address of the owner/ occupier of the industry, operation or process	:	Pramod Kumar Singh Vice President Jindal United Steel Limited 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	:	26.09.2024

Part-B

WATER AND RAW MATERIAL CONSUMPTION

Water consumption (m ³ /Day)	2023-24	2024-25
Process*	364	379
Cooling**	1091	1137
Domestic	103	73
Total	1558	1589
* 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 (m ³ /MT)
Hot Rolled Black Coil	0.35 m ³ /MT

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 (2023-24)	During the current Financial Year (2024-25)
SS Slab	Black coils	1012 Kg/MT	1013 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) 2024-25	Concentration of Pollutants discharged (mass/volume) (mg /Nm ³) 2024-25	Percentage of variation from prescribed standard
1	HSM Reheating Furnace # 1	PM	0.083	20.50	(-) 79.47 %
2	HSM Reheating Furnace # 2	PM	0.075	18.92	(-) 81.08 %
3	HSM - PFS SBLR - 1	PM	0.009	15.41	(-) 84.59 %
4	HSM - HPL SBLR Stack	PM	0.007	15.04	(-) 84.96 %
5	HSM - PFS SBLR - 2	PM	0.017	16.14	(-) 83.86 %

B.2 Discharge of water pollutant: Zero Discharge

Part-D

HAZARDOUS WASTES

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

Hazardous wastes		Generation Quantity	
		During the Previous financial year 2022-23	During the current financial year 2024-25
From Process	Used / Spent Oil	9.96 T	14.08 T
	Waste / Residue containing Oil	-	11.05 T
	HPL ETP Sludge (CRM) *Inclusive of Moisture content	6650 MT	7039.86 T
	Insulation Material	21.77 MT	10.3 T

Part-E

SOLID WASTES

Solid wastes		Quantity (in MT)	
		During the financial year 2023-24	During the current financial year 2024-25
From process	Scale - HSM	4410	5276
From Pollution control facilities	Dust from APC devices (Shot blaster)	696	1001

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 (2024-25)	Mode of Disposal
1.	Used / Spent Oil	Liquid	14.08 T	Sold to Authorised recycler
2.	Waste of Residue containing Oil	Liquid	11.05 T	Sold to Authorisedrecycler
4.	HPL ETP Sludge (CRM) *Inclusive of Moisture content	Solid	7039.86 T	Disposed at CHWTSDf of M/s. Re Sustainability Limited, Sukinda through Jindal Stainless Limited (6682.98 MT) and 356.88 through Jindal United Steel Limited.
5	Insulation Material	Solid	10.3 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	<i>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⁺⁶– 0.009mg/l; Phenolic Compound – ND; Cyanide (As CN⁻) – 0.002mg/l</i>	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 m³/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. Additional 14 nos. of High Rated Pressure Filter have been installed at WTP of HSM. The plant is maintaining zero effluent discharge from the entire plant. The effluent generated from process is being treated through WTP and the treated water is being reused in process. No process water is being discharged outside.

Part-H

Additional measures/Investment proposal for environmental protection including abatement of pollution

a) Additional Measures

1. Roof top solar plant of capacity 8.6 MW has been installed.
2. In order to maintain neat and clean environment inside the plant premises, housekeeping is being on regular basis. 5-S system has been implemented across the full plant.

Expenditure on pollution control		
Description	Expenditure in Crores during 2024-25	
	Capital	Operational
Air Pollution Control	0.45	6.07
Water Pollution Control	0.20	4.62
Hazardous Waste Management	0.35	0.52
Greenbelt development	0.09	0.10
Total	1.09	11.31

4. Plantation :

- During the FY 2024-25, 1575 nos. of trees 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).
