



o/c

JSW Projects Limited**JSWPL/ENV/DRI/GOV/KSPCB/FORM-V/2026-27/05**
24.09.2025**Vijayanagar Works :**P.O. Vidyanagar - 583 275,
Dist. Ballari, Karnataka, India.

CIN. : U74999MH2006PLC163924

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To,

**Member Secretary,
Karnataka State Pollution Control Board,
5th Floor, #49, Parisara Bhavan, Church Street,
Bangalore-560 001****Sub:** Submission of Environment Statement (Form-V) for the Financial Year 2025-26 – JSW Projects Limited (DRI Plant)**Ref:** Combined Consent Order No. AW-333971 valid from 01/07/2022 to 30/06/2027

Dear Sir,

With reference to the subject cited above and the Combined Consent Order No. AW-333971, valid from 01.07.2022 to 30.06.2027, we submitting herewith the **Environment Statement in Form-V** for the **1.2 MTPA DRI Plant of M/s. JSW Projects Limited**, located at Post: Vidyanagar, Toranagallu, Sandur Taluk, Ballari District, Karnataka, for the financial year **2025-26 (April 2025 to March 2026)**.

The Environment Statement has been prepared in compliance with the provisions of the **Environment (Protection) Act, 1986** and other applicable statutory requirements. The same is being submitted for your kind perusal and record.

Thanking You,
Yours faithfully**For M/s JSW Project Limited (DRI Plant)****Ashutosh Dastane**
Authorized Signatory

Enc: Form V

CC:

- I. Environmental officer, KSPCB, Regional Office, 4th Main, Kuvempunagara, Bellary 583104
- II. Director, Regional Office MOEF (SZ), Kendriya Sadana, IV Floor, E&F Wing, 17th Main Road, Koramangala, Bangalore-560034
- III. Regional Director, CPCB, A-Block, Nisarga Bhavan 1st & 2nd Floor, 7th D Cross, Thimmaiah Road, Shivaji Nagar, Bengaluru-560079.



Part of O. P. Jindal Group

Regd. Office : JSW Centre
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Branch (East), Mumbai - 400 051
Phone : +91 22 4286 1000
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ENVIRONMENTAL STATEMENT

For Financial Year 2025-2026



JSW PROJECTS LIMITED

TONRANAGALLU VILLAGE, SANDUR TALUK, BALLARI DISTRICT

For

(DRI Plant – 1.2 MTPA)

The financial year 01st April, 2025 - 31st March, 2026

**(In the prescribed form # 5 as specified by
Rule 14 of the Environment (P) Rules, 1986**

&

Notified by G.S.R. # 396 (E) dated 22.4.1993)



PART – A

1.	Name and address of the owner/ occupier the Industry, operation or process	:	Mr, Nagendra Kumar Paladagu Director, JSW Projects Limited (DRI), Toranagallu.
1.a	Authorized person for the occupier	:	Mr, Ashutosh Uday Dastane – General Manager - DRI, JSW Projects Limited (DRI), Toranagallu Village, Sandur Taluk, Ballari District
2.	Industry category	:	Primary Metallurgical Industry
	STC Code	:	14 (a)
3.a	Production capacity	:	1.2 MTPA DRI
b	Units	:	DRI
4.	Year of establishment / commencement of operation (DRI)	:	2012
5.	Date of last environmental statement submitted	:	29.09.2025

PART - B**WATER & RAW MATERIAL CONSUMPTION**i) Water Consumption m³/day

Type of water	Water consumption in m ³ /day	
	During the previous financial year 2024-25	During the current financial year 2025-26
Process	1914	1686
Cooling	1650	
Domestic	185	150

Name of product	Process water consumption per unit of product output (m ³ /T of DRI)	
	During the previous financial year 2024-25	During the current financial year 2025-26
	(1)	(2)
Hot & Cold DRI	1.25	1.43

ii) Raw Material Consumption

Name of Raw Material	Unit	Name of the Products	Consumption per Unit of output (ton/ton of DRI)	
			Financial year (2024-25)	Financial year (2025-26)
Iron ore pellets	T/T DRI	DRI	1.468	1.545
Corex Gas	Nm ³ /T DRI	DRI	2332	2464
Lime	T/T DRI	DRI	0.00079	0.00096
Oxygen	Nm ³ /T DRI	DRI	--	58.4
Nitrogen	Nm ³ /T DRI	DRI	--	113.2

PART – C**Pollution discharged to environment / Unit of output (Parameters as specified by the consent issued)****a) Water - Nil**

Water is being completely recycled within the steel plant for various applications. Domestic Sewage is sent to STP of JSWSL for treatment and reuse in CRM Plant.

b) Air – The units is designed to discharge 0.12 kg/T of DRI of dust. (<50 mg/Nm³)

Pollutants (Air)	Quantity of pollutants discharged (mass/day)	Concentrations of pollutants discharged (mass / volume)	% of variation from prescribed standards
	T/day	mg/Nm ³	%
Dust emission (PM)	0.03	33	-37.51

PART – D**Hazardous Waste (As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016)**

No hazardous waste generation from the unit.

PART – E**Solid Wastes**

The quantity of solid wastes generated from the unit is as given below:-

CDRI Fines (used in MSBQ)	10,589 Tons (3.50 %)
Pellet Fines (Used in MPP)	1,00,040 Tons (9.03 %)
Sludge (Used in MPP)	60,087 Tons

PART – F

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

Quantity & Composition of Solid & their reuse / disposal pattern

All the solid wastes is being used by the existing JSW Agglomeration Units (i.e. Sinter plant) through the micro pellet route and Mill Scale Briquetting.

PART – G

Impact of the pollution abatement measures taken on conservation of resources and on the cost of production

Conservation of natural resources

M/s JSW Steel group is committed to the cause of environment protection. All possible measures to preserve the assimilative capacity of environment and the natural ecosystem have been adopted.

The production route selected is Eco friendly and all care is taken to achieve the waste utilization as per the world benchmark standards. Also actions have been initiate to achieve higher productivity that in turn demands less input.

Water

JSW has a water management program, as depicted below, which ensures complete recycling of water. The blow down water from the scrubber system is treated at RO plant of capacity 150 m³/hr and RO permeate is used back in the system. The indirect cooling system blowdowns are also taken in to the RO plant. The water from all wet dedusting systems are treated in thickener. The RO rejects are discharged to Guard Pond which will be reused for less critical applications.

The Air pollutants will be confined to generation of air borne dusts that will be harnessed by adequate dust control measures as follows:

Sl. No.	Chimney Attached to	Tolerance limits mg/Nm ³	Air Pollution Control equipment in addition to Chimney height	Flow Nm ³ /h
1	Iron Oxide Pellet Screening	50	Bag filters	49,000
2	Iron Oxide Transport	50	Bag filters	11,000
3	Cold DRI Product Bins/Screening	50	Wet scrubber	43,000
4	Cold DRI Product Storage	50	Wet scrubber	41,500
5	DRI Product Cooler	50	Wet scrubber	70,000
6	Bottom Seal Gas Bubbler	50	Wet scrubber	70,000

7	Hot DRI Transport	50	Wet scrubber	45,000
8	Process gas heater	-	Flue gas stack	64,720
9	Hot flare for Process gas	-	Hot flare	-

The total estimated cost of the above pollution control measures is about.120 Cr.

PART – H

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

- Utilization of Mixed Gas for production process. This will reduce the load on fresh natural resources.
- Development of green belt along the boundary of the unit thereby contributing to decarburization program.

PART – I

Any other particulars for improving the quality of Environment

- The DRI plant is within JSW Steel complex. As part of JSW Steel complex, greenbelt is developed in 834.84 Ha with overall plantation and gap plantation of 23.71 lakhs trees till date to maintain 33.9% greenbelt.
- JSW Steel through JSW Foundation as part of CSR is undertaking development of infrastructure facilities every year in the surrounding villages.
- Mass plantation drive was conducted in JSW Steel complex with gap plantation and virgin area plantation of 40,000 saplings for current FY 2025-26.
- Mass communication conducted on environmental aspects to the employees and associates.
- Safety training conducted on environmental aspects for JSW employees and associates.

Environmental Statement Form-V**(See Rule 14)****Environmental Statement for the financial year ending with 31st March : 2025-26****PART-A****Name & Address of the owner / Occupier of the industry Operation or Process**

Name of the Organization : Jsw Projects Ltd (Dri Plant)

Name of the the Owner : Mr. Godavvarthi Jaya Prakash - Head Environment

Correspondance Address : Post Vidyanagara, Toranagallu, Sandur Tq, Ballari Dt.

Location Address : Post Vidyanagara, Toranagallu, Sandur Tq, Ballari Dt.

Industry Category : Red

Industry Sector : Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units, Iron ore slag manufacturing units

Primary (STC Code) : 9035354904 Secondary (STC Code) :

Production Capacity in Units : 1200000.000 - MTA

Year of Establishment : 13-01-2012

Date of the last Environmental Statement submitted : 29-09-2025

PART-B**Water & Raw Material Consumption**

Water Consumption	Water consumption (m3/d)	Waste water generation (m3/d)
Domestic	185.000	150.000
Cooling	1686.000	0.000

Process water consumption per unit of Products

Sl.No.	Product Name	Unit	Applied Quantity as Per CFO	Process water consumption per unit of products	
				During the previous Financial year	During the current Financial year
1	Direct Reduced Iron (DRI) of capacity 1.2 MTPA	Million TPA	1.200	1.25	1.43

Raw Material Details

Sl.No.	Raw Materials Name	Unit	Applied Quantity as Per CFO	Consumption of raw material per unit of output	
				During the previous Financial year	During the current Financial year
1	Corex Gas	Nm3	0.000	2332	2464
2	iron ore pellets	Tons	1840000.000	1.468	1.545
3	Oxygen	Nm3	0.000	0	58.4
4	lime	Tons	324.000	0.00079	0.00096
5	Nitrogen	Nm3	0.000	0	113.2

PART-C**Pollution discharged to Environment /unit of Output**

(Parameter as specified in the consent issued)

Pollutants	pollutants 1	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged (mass/volume)	Percentage of variation from prescribed standards with reasons
Air	Dust	0.300	33.000	-37.51

PART-D

Hazardous Wastes

(as specified under Hazardous and other Wastes
(Management and Transboundary Movement) Rules, 2016)

Hazardous Wastes	Category	Schedule	Total Quantity(Kg)	
			During the previous financial year	During the current financial year
From Pollution Control facilities	5.1	0	0.000	1.000

PART-E**Solid Wastes**

Solid Wastes	Sub Pollutant	Total Quantity(Kg)	
		During the previous financial year	During the Current financial year
From Process	Settling Pond Sludge (DRI & Oxide Fines)	100375000.000	10589000.000

PART-F

The characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:

All the solid wastes shall be used by the existing JSW Agglomeration Units (i.e. Sinter plant) through the micro pellet route and mill scale briquetting.

PART-G

Impact of pollution control measures taken on conservation of natural resources and consequently on the cost of production

Conservation of natural resources:

- M/s JSW Steel Group is committed to the cause of environment protection. All possible measures to preserve the assimilative capacity of environment and the natural ecosystem have been adopted.

The production route selected is Eco friendly and all care is taken to achieve the waste utilization as per the world benchmark standards. Also actions have been initiated to achieve higher productivity that in turn demands less input.

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PART-H

Additional measures/investment proposal for Environmental protection and abatement of pollution.

- Utilization of Mixed Gas for production process. This will reduce the load on fresh natural resources.
- Development of green belt along the boundary of the unit thereby contributing to decarbonization program.

PART-I

Any other particulars in respect of Environmental protection and and abatement of pollution

- The DRI plant is within JSW Steel complex. As part of JSW steel complex, greenbelt is developed in 834.84 Ha with overall plantation and gap plantation of 23.71 lakhs trees till date to maintain 33.9% greenbelt.
- JSW through JSW Foundation as part of CSR is undertaking development of infrastructure facilities every year in the surrounding villages.
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Thank you for using XGN

