



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2026

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000093569

Submitted Date

22-06-2026

PART A

Company Information

Company Name

JSW STEEL LIMITED DOLVI (Integrated Steel Plant 5 to 10 MTPA PHASE-II)

Application UAN number

UAN No. MPCB- CONSENT-0000204020

Address

Geeta purm Dolvi Pen Dist Raigad Maharashtra

Plot no

42,43,50,44,45,54,55,56,33,32,38,49,75,77,139,142,

Taluka

PEN

Village

DOLVI VILLAGE

Capital Investment (In lakhs)

2005150

Scale

LARGE

City

RAIGAD

Pincode

402107

Person Name

Dr.Anand RAI

Designation

MAHARASHTRA

Telephone Number

02143663000

Fax Number

0

Email

anand.raai@jsw.in

Region

SRO-Raigad II

Industry Category

Red

Industry Type

R53 Iron & Steel
(involving processing
from ore/ integrated
steel plants) and or
Sponge Iron units

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CAC/UAN No. MPCB-
CONSENT-0000204020/CR/2503001220

Consent Issue Date

2025-03-08

Consent Valid Upto

2028-04-30

Establishment Year

2021

Date of last environment statement submitted

Sep 22 2025
12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Calcinated Lime (LCP-567)

Consent Quantity

1800

Actual Quantity

1518

UOM

Ton/Ton

Pellet (Pellet Plant -II)

9000000

7068944

MT/A

Crude steel / steel Slab (Steel melting shop -II)

6200000

4781767.49

MT/A

Hot Rolled Coil (Hot Strip Mill-II)

5000000

4314273

MT/A

Liquid Metal /Pig Iron (Blast Furnace -II)	4500000	4182962	MT/A
Power Generation	245	174.86	Mwh
Billets	1500000	1061263	MT/A
TMT BAR	1400000	1079453	MT/A
ELECTRIC POWER from TOP GAS RECOVERY TURBINE	37.25	21.44	Mwh

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	00	00	Ton/Ton

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	88085.00	30125.00
Domestic	300.00	297.00
All others	7349.20	6042.00
Total	95734.20	36464.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	19265	8099	CMD
DOMESTIC EFFLUENT	258	212	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
Calcinated Lime (LCP-567) (m3 /Unit of Product)	115	24.02	Ton/Ton
Pellet (Pellet Plant II) m3/Unit of Product	2.19	0.005	Ton/Ton
Crude steel /Steel Slab (Steel Melting Shop-II) (M3 /Unit of Product)	1.5	0.0076	Ton/Ton
Hot rolled coil (Hot strip Mill-II) (M3/Unit of product)	3.3	0.0084	Ton/Ton
Liquid Metal /Pig iron (Blast furnace -II)(m3/unit of Product)	3.1	0.0081	Ton/Ton
Billet caster bar mill (m3/Unit of Product)	1.3	0.017	Ton/Ton

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Coke	0.37	0.44	Ton/Ton
Iron Ore	0.062	0.12	Ton/Ton
PELLETS	1.20	1.20	Ton/Ton
Sinter	0.63	0.65	Ton/Ton
QUARTZ	0.003	0.0070	Ton/Ton
Dolomite	0.02	0.0015	Ton/Ton

Limestone	2.69	0.0075	Ton/Ton
coal	0.213	0.21	Ton/Ton
Iron Ore fines Bachel	0.24	0.2183	Ton/Ton
Iron Ore fines Odisha Fines (Low grade)	0.05	0.074	Ton/Ton
Iron ore fines -odisha Fines (Medium Grade)	0.030	1.27	Ton/Ton
Iron Ore Fines -Oxide Fines	0.020	0.018	Ton/Ton
Metallic (DRI/HBI,HOTMETAL,SCRAPE)	1.15	1.16	Ton/Ton
Liquid Steel	1.01	1.026	Ton/Ton
Hot Metal SLAB	1.01	0.092	Ton/Ton
Iron Ore fines Jabalpur fines	0.001	000	Ton/Ton
Iron Ore fines -Odisha fines (high Grade)	0.037	0.00015	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coke oven gas	0	24417832587.7	NM3/Annum
BF GAS	0	3999734163	NM3/Annum
Natural Gas	0	4412479	NM3/Annum
LD Gas Generation	0	386629347.3	NM3/Annum
OXYGEN	0	830039996	NM3/Annum
NITROGEN	0	474058869	NM3/Annum
COKE	0	2133950.9	Ton/Y
NUT COKE	0	158022	Ton/Y
PCI	0	1035326	Ton/Y
POWER	0	711555.64	Mwh
COKE & CPC	0	1540.94	Ton/Y

Part-C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	0	00	No variation	00	NA

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
KLIN-5	32.0	21.2	No Variation	50	NA
KLIN -6	29.3	22.5	No Variation	50	NA
KLIN -7	27.1	22.9	No Variation	50	NA
PELLET 2 PROCESS ESP STACK	2069.8	32.3	No Variation	50	NA
PELLET 2 Dedusting ESP STACK	59.5	21.4	No Variation	50	NA

PELLET 2 Storage Bin Stack	16.1	18.9	No Variation	50	NA
SMS-2 Secondary Dedusting Stack	1623.1	31.9	No Variation	50	NA
HSM-2 REHEATING FURNACE STACK	85.2	11.4	No Variation	50	NA
HSM-2 REHEATING FURNACE STACK	74.8	11.8	No Variation	50	NA
HSM-2 FUME Exhaust Stack	18.4	13.7	No Variation	50	NA
BF-2 Cast House Dedusting System	424.3	19.9	No Variation	50	NA
BF-2 Stock House Dedusting system -1	1231.2	31.4	No Variation	50	NA
BF-2 Stock House Dedusting system -2	133.4	26.2	No Variation	50	NA
BF-2 Stock House Dedusting system -3	21.3	23.8	No Variation	50	NA
BF-2 Coal Injection Stack	43.1	29.3	No Variation	50	NA
BF-2 Stove Stack	97.6	15.1	No Variation	50	NA
Boiler stack 175 MW CPP	90.6	10.1	No Variation	50	NA
BF-2 Pig IRON Granulation Stack	9.5	14.5	No Variation	50	NA

Part-D

<u>HAZARDOUS WASTES</u>			
1) From Process			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	64.2	72.85	KL/A
5.2 Wastes or residues containing oil	13598	11.007	Kg/Annum
Other Hazardous Waste	0.200	0.260	Ton/Y
Other Hazardous Waste	16.21	19.3	MT/A
2) From Pollution Control Facilities			
Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

Part-E

<u>SOLID WASTES</u>				
<u>1) From Process</u>				
Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM	
BLAST FURNACE SLAG	98512	106571	Ton/Y	
COKE fines	389117	175124	Ton/Y	
Oxide fines	563421	528767	Ton/Y	
Sinter Fines	626065	719467	Ton/Y	
Limestone Fines	286396	186755.4	Ton/Y	
Waste GAS POWDER	33661	9133.76	Ton/Y	
DOLO FINES	182260.71	170325	Ton/Y	
Quick Lime	7031	43184	Ton/Y	

Tundish skull	49432	22687	Ton/Y
Refractory	9176	28157	Ton/Y
Mill Scale	134401	82657	Ton/Y
BOF Slag	689758	702036	Ton/Y
LF Slag	179007	196593	Ton/Y
KR Slag	87110	52981	Ton/Y
Scale From BAR Mill	8780.26	10698	Ton/Y
Billet Scale	0.0020	0.0019	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
GCP DUST (Dust Pot + Dust Catcher)	175958	85248	Ton/Y
GCP DUST SMS-II	106371	92355	Ton/Y

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Other Hazardous Waste	0	0	Ton/Ton

Part-F

Please specify 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.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	72.85	KL/A	SALES TO MPCB AUTHORISED RECYCLER
5.2 Wastes or residues containing oil	11.007	Kg/Annum	Use as Fuel in Furnace
Other Hazardous Waste	0.260	KL/A	Used In Furnace
Other Hazardous Waste	19.3	KL/A	SALES TO MPCB AUTHORISED RECYCLER

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	00	MT/A	NA

Part-G

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

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
0	0	0	0	0	2005150	0

Part-H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.
[A] Investment made during the period of Environmental Statement

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
NA	NA	0

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

The company is well aware of surrounding Environment. JSW Steel Limited has planted large number of trees in the plant premises as per the guidelines given by MPCB. We are maintaining the full-fledged Nursery managed by a qualified Horticulture Officers to develop plants for our in house requirement. Till date about 219886 Nos. big trees and 8732875 Nos. small trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT (HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000093569

Submitted On:

22-06-2026