Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number	***Submitted Date***
MPCB-ENVIRONMENT_STATEMENT-0000084975	23-09-2025

PART A

Company Information

Company Name
JSW GREEN STEEL LIMITED (Formerly Known As JSW Steel Ltd.,Salav Works)

Application UAN number
MPCB-CONSENT-0000166426

Address
JSW GREEN STEEL LIMITED VILL. -SALAV, PO- REVDANDA, DIST. RAIGAD,MAHARASHTRA.

Plot no	***Taluka***	***Village***
NA	MURUD	RAIGAD
Capital Investment (In lakhs)	***Scale***	***City***
113429.00	L.S.I	Raigad
Pincode	***Person Name***	***Designation***
402202	Sudhir J Mhatre	Manager
Telephone Number	***Fax Number***	***Email***
9423375208	02144260122	sudhir.mhatre@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	MPCB-CONSENT-0000166426	2023-10-08
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2028-05-31	1988	Sep 25 2024 12:00:00:000AM

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

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
HOT BRIQUETTE IRON/DIRECT REDUCED IRON(HBI/DRI)	1026000	693890	MT/A
IRON FINES	150000	111060	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
NA	0	0	MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for	Consent Quantity in m3/day	Actual Quantity in m3/day
Process	0.00	0.00
Cooling	4224.00	3410.21
Domestic	410.00	394.87
All others	600.00	534.02
Total	5234.00	4339.10

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	1906	1303.5	CMD
Sewage Effluent	288	238	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
HBI/DRI	0.74	0.797	

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
IRON ORE LUMPS / PELLETS	1.669	1.647	Ton/Ton
NATURAL GAS	0.153	0.158	Ton/Ton
NAPTHA / PROPANE	0	0	Ton/Ton
COAL	0	0	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Natural Gas	152139	73095.6	MT/A
HSD	1142	336.58	MT/A

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)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons		
	Quantity	Concentration	%variation	Standard	Reason
pH	0.00	7.99	NA	Min 6.0 Max 8.5	NA
TSS	8.07	13.09	NA	100	NA
BOD	3.81	6.17	NA	30	NA
COD	15.73	25.50	NA	250	NA
Oil & Grease	1.23	2.00	NA	10	NA
Iron	0.10	0.16	NA	5	NA

Phosphate	0.05	0.08	NA	5	NA
Zinc	0.02	0.03	NA	1	NA

[B] Air (Stack)

Pollutants Detail	***Quantity of Pollutants discharged (kL/day)***	***Concentration of Pollutants discharged(Mg/NM3)***	***Percentage of variation from prescribed standards with reasons***		
	Quantity	***Concentration***	***%variation***	***Standard***	***Reason***
PGH Stack: PM	3.32	3.73	NA	50	NA
PGH Stack: SO2	4.46	5.00	NA	250	NA
PGH Stack: NOx	26.09	29.27	NA	200	NA
Reformer Stack:PM	5.73	2.73	NA	50	NA
Reformer Stack:SO2	10.50	5.00	NA	250	NA
Reformer Stack:NOx	42.97	20.45	NA	200	NA
Gas Engine:PM	0.75	2.58	NA	50	NA
Gas Engine:SO2	1.46	5.00	NA	250	NA
Gas Engine:NOx	3.72	12.75	NA	200	NA
DRI Screening:PM	4.20	13.36	NA	50	NA

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
5.1 Used or spent oil	7.1	4.60	MT/A
22.1 Spent catalysts	0.00	0.00	MT/A
Other Hazardous Waste	0.00	0.00	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
0	0.00	0.00	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
NA	0	0	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
DRY SLUDGE FROM STP	4.47	5.17	MT/A
Iron Oxide Fines	24578	23156	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	***Total During Previous Financial year***	***Total During Current Financial year***	***UOM***
0	00.00	0.00	MT/A

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	4.60	MT/A	NA
Other Hazardous Waste	0.00	MT/A	NA
22.1 Spent catalysts	0.00	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	0.00	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)
NA	0	0	0	0	0	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

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Dust Suppression system Efficiency Improvement	Dust Suppression system Efficiency Improvement	22.00

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
Revamping of DE System	Upgradation dust extraction systems to minimize particulate emissions.	150

Part-I

Any other particulars for improving the quality of the environment.

Particulars

We have about 75200 trees in the plant premises. Approximately 300 more trees are planted in 2024-25 and planning more tree plantation. We implement various improvement suggestion received from employees and experts to improve the efficiencies and reducing breakdown etc. This plant is a Gas based merchant DRI plant with very low pollution.

Name & Designation

Sudhir J.Mhatre Manager

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000084975

Submitted On: