



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-0000093459

Submitted Date

19-06-2026

PART A

Company Information

Company Name

JSW STEEL LIMITED DOLVI(COKE OVEN PLANT II)

Application UAN number

0000155156

Address

Geeta purm Dolvi Pen Dist Raigad Maharashtra

Plot no

91 TO 113 KHAR KARAV VILLAGE

Taluka

Alibag

Village

KHAR KARAV VILLAGE

Capital Investment (In lakhs)

40500

Scale

MAHARASHTRA

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

R19 Coke making , liquefaction, coal tar distillation or fuel gas making

Last Environmental statement submitted online

yes

Consent Number

Format1.0/CAC/UAN NO MPCB Consent
0000155156 /CO/2308001427

Consent Issue Date

2023-08-22

Consent Valid Upto

2027-12-31

Establishment Year

2018

Date of last environment statement submitted

Sep 16 2025 12:00:00:000AM

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

Product Information

Product Name

DRY COKE

Consent Quantity

3

Actual Quantity

2.5

UOM

MT/A

By-product Information

By Product Name

COKE OVEN GAS

Consent Quantity

150000

Actual Quantity

122848

UOM

M3/Anum

TAR

131386

109051

Ton/Ton

Crude Benzene, Toluene, Xylene ,Benzol

37248

22115

Ton/Ton

Part-B (Water & Raw Material Consumption)

<u>1) Water Consumption in m3/day</u>		
Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	19053.60	8352.00
Cooling	9216.00	0.00
Domestic	82.08	30.00
All others	50.00	0.00
Total	28401.68	8382.00

<u>2) Effluent Generation in CMD / MLD</u>			
Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	8340	3692	CMD
DOMESTIC EFFLUENT	60	30	CMD

<u>2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)</u>			
Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
DRY COKE(M3/unit of product)	005	0.003	MT/A

<u>3) Raw Material Consumption (Consumption of raw material per unit of product)</u>			
Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
Hard Coking Coal	0.48	0.47	Ton/Ton
Semi Hard Coal	0.38	0.33	Ton/Ton
PCI Coal	0.13	0.15	Ton/Ton
Secondary Hard Coking Coal	0.23	0.25	Ton/Ton
MSK/SMM/NAMOI/Coke Fines	0.24	0.30	Ton/Ton
Corex	0.02	0.01	Ton/Ton

<u>4) Fuel Consumption</u>			
Fuel Name	Consent quantity	Actual Quantity	UOM
BF GAS	0	2263669	NM3/Annum
COKE OVEN GAS	0	186570.7	NM3/Annum

Part-C

<u>Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)</u>					
<u>[A] Water</u>					
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	8.0	No variation	6.0 to 8.5	NA
COD	0	60	No variation	250	NA
TSS	0	32	No variation	100	NA
BOD	0	12	No variation	30	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
Coke Oven Battery Main Stack	247.4	38.1	No Variation	50	NA
Coke Oven Battery Pushing side	25.7	11.0	No Variation	50	NA
Coke Oven Battery Charging side	11.2	10.1	No Variation	50	NA
Coal Crushing	13.7	16	No Variation	50	NA
Coal Cutting	13.4	17.4	No Variation	50	NA
coke Bunkar	26.9	14.8	No Variation	50	NA
BOILER STACK	11.3	16.1	No Variation	50	NA
Coke Oven Battery Main Stack (C &D)	193.8	33.8	No Variation	50	NA
Coke Oven Battery Pushing Side	23.4	11.2	No Variation	50	NA
Coke Oven Battery Charging Side	12.8	12.00	No Variation	50	NA
CDQ-2 DE-DUSTING SYSTEM	39	19.8	No Variation	50	NA
CDQ-3 DE-DUSTING SYSTEM	33.0	20.8	No Variation	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	26.00	32.19	KL/A
5.2 Wastes or residues containing oil	0.885	0.448	MT/A
13.4 Decanter tank tar sludge	86.8	64.8	MT/A
35.3 Chemical sludge from waste water treatment	20.5	12.0	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

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COKE BREEZE	52032	53894	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COAL AND COKE DUST	40624.06	61749	Ton/Ton

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	92656.06	115643	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	32.19	KL/A	SALES TO MPCB AUTHORISED RECYCLER
5.2 Wastes or residues containing oil	0.448	MT/A	Use as Fuel in Furnace
13.4 Decanter tank tar sludge	64.8	KL/A	100% recycle for coke making

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Coke Breeze, Coal and Coke dust from de dusting system	15643	MT/A	USED AT SINTER PLANT FOR SINTER MAKING

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	405000	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)
NA	NA	0

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
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-0000093459

Submitted On:

19-06-2026