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-0000083790	16-09-2025

PART A

Company Information

Company Name	***Application UAN number***
JSW STEEL LIMITED DOLVI(COKE OVEN PLANT II)	MPCB UAN No.0000155156

Address

Geeta purm Dolvi Pen Dist Raigad Maharashtra

Plot no	***Taluka***	***Village***
91 TO 113	ALIBAG	KHAR KARAV VILLAGE VILLAGE
Capital Investment (In lakhs)	***Scale***	***City***
405000	LARGE	RAIGAD
Pincode	***Person Name***	***Designation***
402107	Dr.Anand RAI	VICE PRESIDENT(HOD ENVIRONMENT)
Telephone Number	***Fax Number***	***Email***
02143663000	0	anand.rai@jsw.in
Region	***Industry Category***	***Industry Type***
SRO-Raigad II	Red	R19 Coke making , liquefaction, coal tar distillation or fuel gas making
Last Environmental statement submitted online	***Consent Number***	***Consent Issue Date***
yes	Format 1.0/CAC/UAN NO.0000155156/CO-2305001427	2023-08-22
Consent Valid Upto	***Establishment Year***	***Date of last environment statement submitted***
2027-12-31	2018	Sep 18 2024 12:00:00:000AM

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

Product Information

Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
DRY COKE	30000000	2580135	MT/A

By-product Information

By Product Name	***Consent Quantity***	***Actual Quantity***	***UOM***
Coke Oven Gas	150000	1180053	Ton/Ton
Tar	131386	108815.62	Ton/Ton

Crude Benzene, Toluene, Xylene ,Benzol	37248	21340	Ton/Ton

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	19053.60	7369.00
Cooling	9216.00	0.00
Domestic	82.08	35.00
All others	50.00	0.00
Total	28401.68	7404.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	8340	3692	CMD
DOMASTIC EFFLUENT	60	30	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
DRY COKE (m3/UNIT OF PRODUCT)	01	0.05	MT/A

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
Hard Coking Coal	0.61	0.48	Ton/Ton
Semi Hard CoaL	0.37	0.38	Ton/Ton
PCI Coal	0.07	0.13	Ton/Ton
Secondary Hard Coking Coal	0.20	0.23	Ton/Ton
MSK/SMM/NAMOI/Coke Fines	0.15	0.24	Ton/Ton
Corex	0.03	0.02	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coke oven gas	0	2439	
BF GAS	0	266018	

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	7.3	No variation	6.0 to 8.5	0
COD	0	77	No variation	250	0

MH3N	0	12.7	No variation	50	0
TSS	0	86	No variation	100	0
PHENOL	0	1.43	No variation	1.0	0
CYNIDE AS CN	0	0.021	No variation	00.2	0
BOD	0	27	No variation	30	0
TDS	0	1945	No variation	2100	0
OIL & GREASE	0	12	No variation	10	0

[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	238.5	42.2	No Variation	50	NA
Coke Oven Battery Pushing side	18.5	9.6	No Variation	50	NA
Coke Oven Battery Charging side	7.9	9.9	No Variation	50	NA
Coal Crushing	8.6	13.3	No Variation	50	NA
Coal Cutting	13.0	15.5	No Variation	50	NA
coke Bunkar	25.8	17.6	No Variation	50	NA
Boiler	19.2	15.7	No Variation	50	NA
Coke Oven Battery Main Stack (C &D)	243.8	39	No Variation	50	NA
Coke Oven Battery Pushing Side	15.2	9.3	No Variation	50	NA
Coke Oven Battery Charging Side	11.4	10.4	No Variation	50	NA
CDQ-2 DE-DUSTING SYSTEM	21.0	15.3	No Variation	50	NA
CDQ-3 DE-DUSTING SYSTEM	10.2	16.7	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	17.800	26.00	KL/A
5.2 Wastes or residues containing oil	0.872	0.885	MT/A
13.4 Decanter tank tar sludge	99.5	86.8	MT/A
29.5 Spent catalysts	0.9	0	MT/A
35.3 Chemical sludge from waste water treatment	19.6	20.5	MT/A

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COKE BREEZE	57283	52032	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COAL AND COKE DUST	6360.8	40624.06	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	63643.8	92656.06	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	26.00	KL/A	Sale to MPCB Authorized Recycler
5.2 Wastes or residues containing oil	0.885	MT/A	Use as Fuel in Furnace
13.4 Decanter tank tar sludge	86.8	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	92656.06	Ton/Y	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 218331 Nos. big trees and 8699114 Nos. small trees etc. have been planted.

Name & Designation

DR.ANAND RAI VICE PRESIDENT (HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000083790

Submitted On:

16-09-2025