



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

MPCB-ENVIRONMENT_STATEMENT-0000083681

Submitted Date

16-09-2025

PART A

Company Information

Company Name

AMBA RIVER COKE LIMITED (COKE OVEN PLANT)

Application UAN number

0000204781

Address

GEETAPURAM DOLVI

Plot no

18,19,20,21,35,37,38,40,41,42.

Taluka

ALIBAUG

Village

JUI BAPUJI DOLVI

Capital Investment (In lakhs)

126573

Scale

LARGE

City

PEN

Pincode

402107

Person Name

DR. Anand Rai

Designation

VICE PRESIDENT (HOD-Environment)

Telephone Number

9607971413

Fax Number

0000000

Email

anand.raijsw.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-0000204781/CR/2503001222

Consent Issue Date

2025-03-08

Consent Valid Upto

2029-05-31

Establishment Year

2008

Date of last environment statement submitted

Sep 16 2024 12:00:00:000AM

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

Product Information

Product Name

DRY COKE

Consent Quantity

1000000

Actual Quantity

633999

UOM

MT/A

By-product Information

By Product Name

Coke Oven Gas (only by recovery oven technology)

Consent Quantity

456687

Actual Quantity

294744

UOM

NM3/Annum

Tar

47000

26840

MT/A

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	7373.00	3418.00
Domestic	36.24	30.00
All others	0.00	0.00
Total	7409.24	3448.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
TRADE EFFLUENT	2160	1150	CMD
DOMASTIC EFFLUENT	30	26	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)	201	1.89	Ton/Y

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	0.68	0.49	Ton/Ton
Semi Hard Coal	0.38	0.36	Ton/Ton
PCI Coal	0.09	0.16	Ton/Ton
Secondary Hard Coking Coal	0.21	0.24	Ton/Ton
Corex	0.04	0.02	Ton/Ton
MCK/SMM/NAMOI	0.13	0.23	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coke oven gas	0	22609	M3/Anum
BF GAS	0	1157.86	M3/Anum

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
ZLD	0	0	0	0	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 A & B (Under firing)	323.4	43.2	No Variation	50	NA
Ground De-dusting system (Charging Side)	9.8	8.8	No Variation	50	NA
Ground De-dusting system (Pushing Side)	7.1	8.8	No Variation	50	NA
Boiler	24.0	13.8	No Variation	50	NA
Dry Quenching Stack	24.4	14.3	No Variation	50	NA
DG Set Stack	13.1	15.3	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	6800	0	Ltr/A
5.2 Wastes or residues containing oil	192	400	Kg/Annum
13.4 Decanter tank tar sludge	48	50.2	Ton/Y
35.2 Spent ion exchange resin containing toxic metals	0	0	Ton/Y
35.3 Chemical sludge from waste water treatment	0.8	10.97	Ton/Y
34.2 Sludge from treatment of waste water arising out of cleaning / disposal of barrels / containers	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	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	15223	14209	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	1050.75	11200	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	16273.75	25409	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	0	Ltr/A	SOLD TO MPCB AUTHORISED RECYCLER
5.2 Wastes or residues containing oil	400	Kg/Annum	used in furnace
13.4 Decanter tank tar sludge	50	MT/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Coke Breeze and Coke Coal Dust	25409	Ton/Ton	100 % Recycled in Coke Making and Coke Blending Plant

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	126573	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-0000083681

Submitted On:

16-09-2025