



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2021

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000034255

Submitted Date

21-08-2021

PART A

Company Information

Company Name

JSW STEEL LIMITED (COKE OVEN -II
BATTERY A & B))

Application UAN number

0000088890

Address

GEETAPURAM DOLVI

Plot no

91-113

Taluka

PEN

Village

DOLVI KHARKARAVI

Capital Investment (In lakhs)

159700

Scale

LARGE

City

PEN

Pincode

402107

Person Name

DR. ANAND RAI

Designation

GENERAL MANAGER (HOD-
ENVIRONMENT)

Telephone Number

02143277501

Fax Number

2143-277542

Email

anand.rai@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

BO/CAC-CELL/UAN
NO.0000088890/CR-2008000806

Consent Issue Date

24/08/2020

Consent Valid Upto

31/12/2020

Establishment Year

2018

Date of last environment statement submitted

Sep 16 2020 12:00:00:000AM

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

RED

Product Information

Product Name

DRY COKE

Consent Quantity

1.5 MTPA

Actual Quantity

1257578.421

UOM

MT/A

By-product Information

By Product Name

COKE OVEN GAS

Consent Quantity

75000 M3/HR

Actual Quantity

544378.665 KM3/YEAR

UOM

MT/A

TAR

65693 T/Y

47466

MT/A

SULPHUR	4250 T/Y	0	MT/A
BENZOL	18624 T/Y	64	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
	NA	NA
Cooling	9216	5355.92
Domestic	60	32
All others	NA.	NA.
Total	9276	5787.92

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	4176	100% RE-UTILIZED IPLANT	CMD
Domestic Effluent	48	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
COKE (M3/UNIT OF PRODUCT)	1.003	0.0042	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	0.572	0.510	MT/A
SEMI HARD COKING COAL	0.264	0.259	MT/A
PCI COAL	0.044	0.112	MT/A
SECONDRY HARD COKING COAL	0.447	0.442	MT/A
MSK/SMM/NAMOI/COKE FINES	0.087	0.103	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	9350 NM,3/HR	34.569 NM3/HR	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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
NA	NA	NA	NA	NA	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	Standard	Reason
	Quantity	Concentration	%variation		
COKE OVEN BATTERY A & B MAIN STACK STACK	983.9	35.3	32.3	50	NA
COKE OVEN BATTERY PUSHING SIDE STACK	54.9	13.8	43.1	50	NA
COKE OVEN BATTERY CHARGING DEDUDTING STACK	29.8	16.1	42	50	NA
COAL CRUSHING DE-DUSTING STACK	26.7	15.6	42.2	50	NA
COAL CUTTING DE-DUSTING STACK	24.6	17.1	41.5	50	NA
BUNKER DE-DUSTING STACK	29.6	14.4	42.8	50	NA
BOILER STACK	12	19.4	40.3	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	NA	NA	Ltr/A
5.2 Wastes or residues containing oil	NA	7240	Kg/Annum
13.4 Decanter tank tar sludge	NA	55.5	MT/A
26.5 Spent catalyst	NA	NA	MT/A
35.3 Chemical sludge from waste water treatment	NA	NA	MT/A

2) From Pollution Control Facilities

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

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COKE BREEZE	13552	11683	Ton/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
COAL AND COCK DUST	1303.114	1333.68	Ton/Y

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	14855114	13016.68	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	NA	Ltr/A	Sent to MPCB Authorised Recycler
5.2 Wastes or residues containing oil	7240	Kg/Annum	used in furnace
13.4 Decanter tank tar sludge	55.5	Ton/Y	RE-CYCLED IN PLANT
26.5 Spent catalyst	NA	Ton/Y	NA
35.3 Chemical sludge from waste water treatment	NA	Ton/Y	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
COCK BREEZE,COAL & COKE DUST	13016.68	MT/A	USED AT SINTER PLANT FOR SINTER MAKING
NA	NA	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.	NA.	NA.	NA.	NA.	159700	NA.

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	NA

[B] Investment Proposed for next Year

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

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 202764 Nos. big trees and 564000 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI GENERAL MANAGER (HOD-ENVIRONMENT)

UAN No:

Submitted On:

21-08-2021