



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-0000034112

Submitted Date

16-08-2021

PART A

Company Information

Company Name

JSW STEEL LIMITED (55 MW CAPTIVE POWER PLANT)

Application UAN number

0000025212

Address

GEETAPURAM DOLVI

Plot no

112

Taluka

PEN

Village

DOLVI KHOTA NAVEKHAR

Capital Investment (In lakhs)

16480

Scale

large

City

PEN

Pincode

401207

Person Name

DR. ANAND RAI

Designation

GENERAL MANAGER (HOD-ENVIRONMENT)

Telephone Number

9607971413

Fax Number

2173-277542

Email

anand.raijsw.in

Region

SRO-Raigad II

Industry Category

Red

Industry Type

R9 Power generation plant [except Wind and Solar renewable power plants of all capacities and Mini Hydel power plant of capacity <25MW]

Last Environmental statement submitted online

yes

Consent Number

BO/CAC-CELL/UAN
NO.0000025212-17
CAC-180300000508

Consent Issue Date

01/03/2018

Consent Valid Upto

31/08/2022

Establishment Year

2013

Date of last environment statement submitted

Sep 17 2020 12:00:00:000AM

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

RED

Product Information

Product Name

CAPTIVE POWER GENERATION

Consent Quantity

55 MW

Actual Quantity

391758937 KWH

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

Qnt/Y

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	4746	3118.65
Domestic	48	38
All others	NA.	NA.
Total	4794	3156.65

2) Effluent Generation in CMD / MLD			
Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	991.20	1002 RE-UTILIZED IN PLANT	CMD
DOMESTIC Effluent	40	35 UTILIZED FOR GARDENING	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	
POWER GENERATION	0.0025	0.0027	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	
RAW WATER GENERATION	0.0025	0.0027	MT/A	

4) Fuel Consumption			
Fuel Name	Consent quantity	Actual Quantity	UOM
COKE OVEN GAS	NA	14166 KM3	Ltr/A
BF Gas	NA	106831854 NM3	Ltr/A
NATURAL GAS	NA	3094577 SM3	Ltr/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) Quantity	Concentration of Pollutants discharged(Mg/NM3) Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
BOILER STACK	83.1	9.0	45.5	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	NIL	5200	Ltr/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
NA	NA	NA	Ton/Y

2) From Pollution Control Facilities

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

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	5200	Ltr/A	Sent to MPCB Authorised Recycler

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	NA	Ton/Y	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.	16480	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

NA

Environmental Protection Measures

NA

Capital Investment (Lacks)

NA

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection

NA

Environmental Protection Measures

NA

Capital Investment (Lacks)

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 564600 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

DR.ANAND RAI GENERAL MANAGER (HOD-ENVIRONMENT)

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000034112

Submitted On:

16-08-2021