



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-0000034157

Submitted Date

18-08-2021

PART A

Company Information

Company Name

JSW STEEL LIMITED (LIME CALCINATION PLANT 3)

Application UAN number

0000044416

Address

GEETAPURAM DOLVI

Plot no

107

Taluka

PEN

Village

DOLVI KHOTA NAVEKHAR

Capital Investment (In lakhs)

8158.5

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.rai@jsw.in

Region

SRO-Raigad II

Industry Category

Orange

Industry Type

O43 Lime manufacturing (using lime kiln)

Last Environmental statement submitted online

yes

Consent Number

BO/CAC-CELL/UAN NO.0000044416-18/5th CAC-1812001827

Consent Issue Date

01/12/2018

Consent Valid Upto

30/09/2022

Establishment Year

2013

Date of last environment statement submitted

Sep 11 2020 12:00:00:000AM

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

Orange

Product Information

Product Name

CALCINATED LIME

Consent Quantity

600 TPD

Actual Quantity

167559

UOM

Ton/Y

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
Cooling	288	123
Domestic	NA	NA
All others	4	4
Total	NA.	NA.
	292	127

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	NIL	NIL	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
CALCINATED LIME	0.39	0.219	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
LIME STONE	2.27	2.17	MT/A

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
BLAST FURNACE GAS	NA	31029921 NM3	MT/A
COKE OVEN GAS	NA	19955985 KSCN	MT/A
POWER	NA	9041005 KWH	MT/A
RE LIQUIFIED NATURAL GAS	NA	154491.8 NM3	

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
PROCESS STACK(BAG FILTER OF)KILN-III	40.3	27.7	108.5	150	NA
PROCESS STACK(LIME STONE DE DUSTING OF)KILN-III	11.00	19.2	121.2	150	NA

PROCESS STACK(QUICK LIME DEDUSTING SYSTEM OF)KILN-III	12.9	19.5	120.7	150	NA
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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	2000	Ltr/A
5.2 Wastes or residues containing oil	350	400	Kg/Annum

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	2000	Ltr/A	Sent to MPCB Authorised Recycler
5.2 Wastes or residues containing oil	400	Kg/Annum	USED IN FURNACE

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
CALCINATED LIME FINES	83360.26	MT/A	USED AT SINTER PLANT FOR SINTER MAKING
WASTE GAS POWDER	2513.38	MT/A	USED AT SINTER PLANT FOR SINTER MAKING
QUICK LIME	104120	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)
NA.	NA.	NA.	NA.	NA.	8158.5	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 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-0000034157

Submitted On:

18-08-2021