



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

Environmental Audit Report for the financial Year ending the 31st March 2017

Company Information

Company Name

JSW STEEL LTD (SINTER PLANT-II)

Application UAN number

NA

Address

GEETAPURAM

Plot no

Sinter Plant -II

Taluka

PEN

Village

DOLVI

Capital Investment (In lakhs)

46100

Scale

LARGE

City

RAIGAD

Pincode

402107

Person Name

Vitthal.Waghchaure

Designation

General Manager

Telephone Number

2143-277501

Fax Number

2143-277542

Email

Vitthal.Waghchaure@jsw.in

Region

SRO-Raigad II

Industry Category

Red

Industry Type

R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units

Last Environmental statement submitted online

no

Consent Number

format 1.0/BO/CAC -Cell/EIC No:-
RD-3184-15/CAC-9260

Consent Issue Date

19/7/2016

Consent Valid Upto

31/5/2017

Product Information

Product Name

Sinter

Consent Quantity

2500000

Actual Quantity

1714735

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

NA

Actual Quantity

NA

UOM

MT/A

1) Water Consumption in m3/day

Water Consumption for Process**Consent Quantity in m3/day**

3148.8

Actual Quantity in m3/day

167.76

Cooling

NA

NA

Domestic

25

6.41

All others

NA

NA

Total

3173.8

174.17

1) Effluent Generation in CMD / MLD

Particulars**Consent Quantity****Actual Quantity****UOM**

Trade Effluent	NA	NA	CMD
Domestic Effluent	15	4.16	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
Sinter (M3/Unit of Product)	NA	0.02133	CMD

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
Blended Ore	NA	0.810	Ton/Ton
Sinter Fines	NA	0.122	Ton/Ton
ESP Fines (SMS GCP dust, BF flue dust, SIP sludge, DRI Dust)	NA	0.02396	Ton/Ton
Lime Stone / fines	NA	0.1076	Ton/Ton
Quicklime	NA	0.01478	Ton/Ton
Dolomite	NA	0.04012	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Coke (T/Day)	565	544.78	Qnt/Y
Coke Oven Gas (Nm3/Hr)	3350	772.0	Qnt/Y

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
WPCS	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
Sinter Machine & dedusting area Stack.(Main stack)	65.76	24.48	NIL	50	Less than Standard
Bag filter Crusher Building.	49.55	25.13	NIL	50	Less than Standard
Bag filter Screen Building.	19.68	23.08	NIL	50	Less than Standard
Bag filter Near Screen Building.	105.62	31.19	NIL	50	Less than Standard
Bag filter Near Crusher Building & HL & FS building.	85.071	25.12	NIL	50	Less than Standard
Bag filter – bunker House & JH08.	15.40	25.57	NIL	50	Less than Standard

Bag filter -fuel storage bin In crusher Building	27.45	30.055	NIL	50	Less than Standard
Bag filter flux storage Bin crusher.	11.10	19.0	NIL	50	Less than Standard

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used /spent oil	NA	00	Ltr/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	NA	Ltr/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Sinter Fines	NA	243685	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
ESP Fines	NA	951.57	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	NA	244636.57	MT/A

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 /spent oil	NA	Ltr/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
The Solid waste (Sinter & ESP Fines) generated from Process	244636.57	MT/A	This has been recycled at Sinter plant for Sinter Making

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)
WPCS	NA	NA	NA	NA	46100	NA

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

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
NA	NA	NA

Any other particulars in respect of environmental protection and abatement of pollution.

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 200564 Nos. big trees and 493781 Nos. small trees including innumerable flower bushes, ornamental trees etc. have been planted.

Name & Designation

Vitthal.Waghchaure General Manager