



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	Application UAN number		
JSW Steel Ltd (55 MW CPP)	NA		
Address			
Geetapuram			
Plot no	Taluka	Village	
Power Plant	Pen	Dolvi	
Capital Investment (In lakhs)	Scale	City	
16480	Large	Raigad	
Pincode	Person Name	Designation	
402107	Vitthal.Waghchaure	General Manager	
Telephone Number	Fax Number	Email	
2143-277501	2143-277542	Vitthal.Waghchaure@jsw.in	
Region	Industry Category	Industry Type	
SRO-Raigad II	Red	R53 Iron & Steel (involving processing from ore/ integrated steel plants) and or Sponge Iron units	
Last Environmental statement submitted online	Consent Number	Consent Issue Date	
yes	BO/JD(APC)/EIC No.RD-2517 /1st Operate/CAC-5837	10-07-2013	
Consent Valid Upto			
31-08-2017			

Product Information

Product Name	Consent Quantity	Actual Quantity	UOM
Power Generation (KWH)	55 MW (465960000 KWH)	376201433 KWH	Qnt/Y

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	NA	NA	Qnt/Y

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
Cooling	4746	2722.7
Domestic	48	32
All others	NA	NA
Total	4794	2754.7

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
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Trade Effluent	991.20	990	CMD
Domestic Effluent	40	28	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 Plant	0.0034 M ³ / KWH	0.0026 M ³ / KWH	Qnt/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
Raw Water consumption (M ³ /Unit of Product)	0.0032 M ³	0.0038 M ³	Qnt/Y

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Blast Furnace Gas (Nm ³ /Hour)	180000 Nm ³ /Hour	130877.83 Nm ³ /Hour	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
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	60.45	8.03	94.65	150	NA

HAZARDOUS WASTES

1) From Process

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

2) From Pollution Control Facilities

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

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Nil	Nil	Nil	Qnt/Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Nil	Nil	Nil	Qnt/Y

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	Nil	Nil	Qnt/Y

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	Nil	KL/A	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
NA	NA	MT/A	NA

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

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)
Nil	Nil	Nil

[B] Investment Proposed for next Year

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

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 Waghchuare, General Manager