



# 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 (BILLET CASTER & BARMILL) NA

**Application UAN number**

NA

**Address**

GEETAPURAM

**Plot no**

BILLET CASTER & BAR MILL

**Taluka**

PEN

**Village**

DOLVI

**Capital Investment (In lakhs)**

102700

**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-3182-15/CAC-9909

**Consent Issue Date**

29/8/2016

**Consent Valid Upto**

31/5/2017

### Product Information

**Product Name**

BILLETS

**Consent Quantity**

1500000

**Actual Quantity**

460996.859

**UOM**

MT/A

TMT BAR

1400000

358852

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**

890.0

**Actual Quantity in m3/day**

1388.6

**Cooling**

NA

NA

**Domestic**

60

6.2

**All others**

NA

NA

**Total**

8960

1395

### 1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Trade Effluent	1800	NA	CMD
Domestic Effluent	30	5.0	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
BILLET CASTER & BARMILL	NA	0.0339	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
HOT METAL	NA	1.012	Ton/Ton
BILLETS	NA	1.055	Ton/Ton

### 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
NATURAL GAS	3000NM3/DAY	515.79	Ton/Ton
Coke Oven Gas + BF GAS (Nm3/Hr)	1045	166.899	Ton/Ton

### 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
LADLE HEATING FURNACE STACK	30.55	16.55	NIL	50	Less than Standard
BAR MILL REHEATING FURNACE	0.46	6.53	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	NIL	9000	Ltr/A
5.2 Wastes/residue containing oil	NIL	700	Kg/Annum

#### 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
SCALE FROM LADLE FURNACE( BILLET)	NIL	2289.81	MT/A
SCALE FROM BAR MILL	NIL	3212.22	MT/A

### 2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
SLUDGE FROM WWTP	NIL	NIL	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	NA	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	9000	Ltr/A	NA
5.2 Wastes/residue containing oil	700	Kg/Annum	NA

#### 2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
SCALE FROM BILLET CASTER	2289.81	MT/A	This has been recycled at Sinter plant for Sinter Making
SCALE FROM BARMILL	3212.22	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)
NA	NA	NA	NA	NA	102700	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

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

