



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

Environmental Audit Report for the financial Year ending the 31st March 2020

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000028352

### Submitted Date

28-09-2020

### Company Information

#### Company Name

TATA STEEL LTD, GLOBAL WIRES INDIA

#### Application UAN number

66101449

#### Address

Plot No F8, Tarapur MIDC

#### Plot no

F8

#### Taluka

Palghar

#### Village

Boisar

#### Capital Investment (In lakhs)

9688

#### Scale

LSI

#### City

Boisar

#### Pincode

401506

#### Person Name

Rajesh Kr Singh

#### Designation

Manager Environment

#### Telephone Number

7798047869

#### Fax Number

#### Email

rajeshksingh@tatasteel.com

#### Region

SRO-Tarapur I

#### Industry Category

Red

#### Industry Type

R44 Industry or process involving metal surface treatment or process such as pickling/ electroplating/paint stripping/ heat treatment using cyanide bath/ phosphating or finishing and anodizing / enamellings/ galvanizing

#### Last Environmental statement submitted online

yes

#### Consent Number

BO/CAC-Cell/EIC No :  
TN-5898-15/CAC/7814

#### Consent Issue Date

15/06/2016

#### Consent Valid Upto

30.06.2020

### Product Information

#### Product Name

Steel Wire Rods/Wires/Wires Products

#### Consent Quantity

402000

#### Actual Quantity

290045

#### 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

0

#### Actual Quantity in m3/day

0

Cooling

715

239

Domestic

85

65

All others

10

10

**Total** 810 314

**1) Effluent Generation in CMD / MLD**

<b>Particulars</b>	<b>Consent Quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
Domestic Effluent	85	55	CMD

**2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)**

<b>Name of Products (Production)</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Steel Wire Rods/Wires	0.33	0.30	

**3) Raw Material Consumption (Consumption of raw material per unit of product)**

<b>Name of Raw Materials</b>	<b>During the Previous financial Year</b>	<b>During the current Financial year</b>	<b>UOM</b>
Billets	1.025	1.033	Ton/Ton
Wire Rods	1.012	1.02	Ton/Ton

**4) Fuel Consumption**

<b>Fuel Name</b>	<b>Consent quantity</b>	<b>Actual Quantity</b>	<b>UOM</b>
PNG (mmBTU/MT)	NA	1.15	

**Pollution discharged to environment/unit of output (Parameter as specified in the consent issued)**

**[A] Water**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
BOD	NA	63	-37%	100	within limit
TSS	NA	45	-65%	100	within limit

**[B] Air (Stack)**

<b>Pollutants Detail</b>	<b>Quantity of Pollutants discharged (kL/day) Quantity</b>	<b>Concentration of Pollutants discharged(Mg/NM3) Concentration</b>	<b>Percentage of variation from prescribed standards with reasons %variation</b>	<b>Standard</b>	<b>Reason</b>
PM	NA	16	-89.6%	150	within limit
SOx	0	0	-100%	2430 Kg/Day	BDL

**HAZARDOUS WASTES**

**1) From Process**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
33.2 Contaminated cotton rags or other cleaning materials	11.14	10.12	MT/A
33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	NA	123	Nos./Y

**2) From Pollution Control Facilities**

<b>Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
0	NA	NA	MT/A

**SOLID WASTES**

**1) From Process**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
Mill Scale	3319	3208	MT/A
Rubbish Scrap	NA	65	MT/A
Metal Scrap	NA	206	MT/A
Non Metal Scrap	NA	34	MT/A

### **2) From Pollution Control Facilities**

<b>Non Hazardous Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
NA	NA	NA	MT/A

### **3) Quantity Recycled or Re-utilized within the unit**

<b>Waste Type</b>	<b>Total During Previous Financial year</b>	<b>Total During Current Financial year</b>	<b>UOM</b>
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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
0	NA	MT/A	NA

#### **2) Solid Waste**

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

**Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.**

<b>Description</b>	<b>Reduction in Water Consumption (M3/day)</b>	<b>Reduction in Fuel &amp; Solvent Consumption (KL/day)</b>	<b>Reduction in Raw Material (Kg)</b>	<b>Reduction in Power Consumption (KWH)</b>	<b>Capital Investment(in Lacs)</b>	<b>Reduction in Maintenance(in Lacs)</b>
Reduction in Water Consumption	53	NA	NA	NA	NA	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**

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
RWH beyond fence at TMRCT/TVM/Gargaon/Kurgaon	RWH	14
Organic waste composting machine instalation	In house composting of organic waste	12

#### **[B] Investment Proposed for next Year**

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

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

#### **Particulars**

OWC installed to compost organic waste, Rainwater Harvesting chambers made at 4 location beyond the fence.

#### **Name & Designation**

