



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-0000028410

Submitted Date

28-09-2020

Company Information

Company Name

TATA STEEL LTD, GLOBAL WIRES INDIA

Application UAN number

69251000

Address

Plot No A6, Tarapur MIDC

Plot no

A6

Taluka

Palghar

Village

Boisar

Capital Investment (In lakhs)

232260

Scale

LSI

City

Boisar

Pincode

401506

Person Name

Rajesh Kr Singh

Designation

Manager Environment

Telephone Number

7798047869

Fax Number

NA

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-6156-15/CAC/4646

Consent Issue Date

04/04/2016

Consent Valid Upto

28.02.2020

Product Information

Product Name

Steel Wires

Consent Quantity

175000

Actual Quantity

120509

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

840

Actual Quantity in m3/day

460

Cooling

1449

484

Domestic

100

75

All others

20

20

Total 2409 1039

1) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic Effluent	100	69	CMD
Trade Effluent	800	438	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
Steel Wires	0.96	1.39	

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
Wire Rods	1.01	1.01	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
PNG (mmBTU/MT)	NA	1.71	

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
BOD	NA	15	-85%	100	within limit
COD	NA	63	-76%	250	Within Limit
pH	NA	7	-20%	9	within limit
TSS	NA	19	-81%	100	within limit
Fe	NA	1	-66%	3	within limit

[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
PM	NA	12	-92%	150	within limit
SOx	1260 Kg/Day	0	-100%	1261	BDL
Acid Mist	NA	13	-62%	35	within limit

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
9.2 Lead ash or particulate from flue gas	221	212.54	MT/A
12.8 Plating metal sludge	313	383.7	MT/A
12.2 Spent acid and alkali	7440	7703	MT/A
12.8 Plating metal sludge	232	187.2	MT/A

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
34.2 Sludge from treatment of waste water arising out of cleaning / disposal of barrels / containers	1781	1812	MT/A

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Garbage	52.81	103	MT/A
Metal Scrap	38.25	153	MT/A
Non Metal Scrap	24	31	MT/A

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
NA	NA	NA	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
0	NA	MT/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	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	Environmental Protection Measures	Capital Investment (Lacks)
Installation of 400 CMD RO plant	Reuse of treated effluent	800

[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

RO installed for recycling of effluent

Name & Designation

D H Patil, Head TWP-2