



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2024

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000069332

Submitted Date

10-09-2024

PART A

Company Information

Company Name

TATA STEEL LTD, GLOBAL WIRES INDIA

Application UAN number

0000120564

Address

Plot No F8, Tarapur MIDC

Plot no

F8

Taluka

Palghar

Village

Boisar

Capital Investment (In lakhs)

13196

Scale

LSI

City

Boisar

Pincode

401506

Person Name

Shirish Pandit Bidikar

Designation

Plant Head - WRM

Telephone Number

9223588727

Fax Number

0

Email

shirish.bidikar@tatasteel.com

Region

SRO-Tarapur I

Industry Category

Red

Industry Type

G40 Rolling mill (gas fired) and cold rolling mill

Last Environmental statement submitted online

yes

Consent Number

CAC/UAN No 0000120564/CR-2202000728

Consent Issue Date

2022-02-11

Consent Valid Upto

2025-06-30

Establishment Year

1981

Date of last environment statement submitted

Sep 6 2023 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

Steel Wire Rods/Wires/Wires Products

Consent Quantity

402000

Actual Quantity

337586

UOM

MT/A

By-product Information

By Product Name

NA

Consent Quantity

0

Actual Quantity

0

UOM

MT/A

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for

Consent Quantity in m3/day

Actual Quantity in m3/day

Process	0.00	0.00
Cooling	715.00	450.00
Domestic	85.00	70.00
All others	10.00	10.00
Total	810.00	530.00

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
Domestic Effluent	70	23.47	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 Wire Rods/Wires	0.4	0.47	

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
Billets	0.82	1.02	Ton/Ton

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
PNG	1500	1133	SCM/Day

Part-C

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Domestic Effluent BOD	23.4	22.5	0	30	Within Limit
Domestic Effluent COD	23.4	66.47	0	100	Within Limit
Domestic Effluent TSS	23.4	34.6	0	50	Within Limit

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
Particulate Matter	6.6	12	0	50	Within Limit

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1467	892	Nos./Y

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	Nos./Y

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
Mill Scale	1325	2196	MT/A

2) From Pollution Control Facilities

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

Part-F

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
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	892	Nos./Y	NA

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
Mill Scale	2196	MT/A	NA

Part-G

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	0	0	0	0	0	0

Part-H

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	0

[B] Investment Proposed for next Year

<i>Detail of measures for Environmental Protection</i>	<i>Environmental Protection Measures</i>	<i>Capital Investment (Lacks)</i>
Online Stack Monitoring system	Continuous Stack Monitoring	10

Part-I

Any other particulars for improving the quality of the environment.**Particulars**

Greenbelt development and maintenance, effective usage of all pollution control equipments etc

Name & Designation

Shirish Pandit Bidikar - Head, WRM

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000069332

Submitted On:

10-09-2024