



# Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

## FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2023

### Unique Application Number

MPCB-ENVIRONMENT\_STATEMENT-0000060335

### Submitted Date

27-09-2023

## PART A

### Company Information

#### Company Name

Tata Steel Limited (Formerly known as TSBSL)

#### Application UAN number

MPCB/16/00689

#### Address

Isamba Phata Khopoli pen Road,Savroli, Tal :  
Khalapur; Dist : Raigad; Maharashtra:410203

#### Plot no

Gut No. 303

#### Taluka

Khed

#### Village

Nanekarwadi

#### Capital Investment (In lakhs)

2528

#### Scale

Small

#### City

Chakan

#### Pincode

410501

#### Person Name

MM Pawar

#### Designation

Factory Manager

#### Telephone Number

9503113193

#### Fax Number

02192302000

#### Email

environment.khopoli@tatasteel.com

#### Region

SRO-Pune II

#### Industry Category

Green

#### Industry Type

other

#### Last Environmental statement submitted online

yes

#### Consent Number

MPCB/16/00689

#### Consent Issue Date

15.01.2016

#### Consent Valid Upto

31.05.2024

#### Establishment Year

2016

#### Date of last environment statement submitted

Sep 19 2022 12:00:00:000AM

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

### Product Information

#### Product Name

Precision Tubes of required size

#### Consent Quantity

36000

#### Actual Quantity

7720

#### 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

<b>Process</b>	0.00	0.00
<b>Cooling</b>	0.00	0.00
<b>Domestic</b>	11.00	3.35
<b>All others</b>	0.00	0.00
<b>Total</b>	11.00	3.35

## 2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
0	0	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
0	0	0	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
Pipes/Tubes	0.21	2.275	MT/A

## 4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
Diesel	2.3	1	KL/A

## 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) Quantity	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour Concentration	Percentage of variation from prescribed standards with reasons %variation	Standard	Reason
BOD	0.01	24.33	-75.67	100	STP Provided
COD	0.02	80.60	-67.76	250	STP provided
TSS	0.01	32.66	-67.34	100	STP Provided

#### [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
TPM	0.035	34.73	-65.27	150mg/nm3	Stack Provided
SO2	0.015	15	-85	1kg/day	Stack Provided

## Part-D

### 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	0.175	0.135	MT/A
5.1 Used or spent oil	1.825	0.07	KL/A

### **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	0	0	

## **Part-E**

### **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>
Cutting edge Scrap	243.12	282	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	0	0	Kg/Day
NA	0	0	SqMtr/D

#### **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	0	0	Kg/Day
0	0	0	SqMtr/D

## **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**

<b>Type of Hazardous Waste Generated</b>	<b>Qty of Hazardous Waste</b>	<b>UOM</b>	<b>Concentration of Hazardous Waste</b>
33.2 Contaminated cotton rags or other cleaning materials	0.135	MT/A	Disposed through Khopoli, as it is very small qt.
5.1 Used or spent oil	0.07	KL/A	Disposed through Khopoli, as it is very small qt.

#### **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>
cutting edge Scrap	282	MT/A	disposed to Recyclers

## **Part-G**

**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>
O&M of STP	0	0	0	0	2.10	0

50 No. Tree      0                      0                      0                      0                      0.30                      0  
Plantation

## Part-H

### Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution.

#### [A] Investment made during the period of Environmental Statement

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Environmental Monitoring by NABL approved Laboratory LTD WAS CARRIED OUT AS PER DIRECTIVES	Monitoring of Various parameters by NABL approved laboratory	6
Maintenance of STP	Treatment of Sewage	0.5
50 No. tree planted	Green belt development	0.30
Gardening	Green belt maintenance	2.10

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

<b>Detail of measures for Environmental Protection</b>	<b>Environmental Protection Measures</b>	<b>Capital Investment (Lacks)</b>
Environmental Monitoring by NABL approved Laboratory LTD WAS CARRIED OUT AS PER DIRECTIVES	Monitoring of Various parameters by NABL approved laboratory	6
STP Renovation/Revamping	Reduction of water	4.50
Display Board at outside of gate	Env. Information	7
Land Scaping and Plantation	Biodiversity management	9.50

## Part-I

### Any other particulars for improving the quality of the environment.

#### Particulars

To improve the Plantation and increase green belt area.

#### Name & Designation

Mr. M. M. Pawar, Factory Manager

#### UAN No:

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#### Submitted On:

27-09-2023