



EMD/C-23/171/22
September 22, 2022

The Member Secretary

Jharkhand State Pollution Control Board
T.A. Division Building, HEC Campus, Dhurwa
RANCHI – 834004

**Subject: Environmental Statement 2021-2022 for Fleet Management of
Tata Steel Utilities & infrastructure Services ltd erstwhile
JUSCO, Jamshedpur**

Dear Sir,

This has reference to the captioned subject. Please find enclosed the **“Environmental Statement”** for Fleet Management of Tata Steel Utilities & infrastructure Services ltd erstwhile JUSCO, Jamshedpur for the year 2021-2022 duly filled in the prescribed format is enclosed for your kind consideration.

Thanking you

Yours faithfully,
For Tata Steel Limited

Anoop Srivastava

Anoop Srivastava

Head, Environment Monitoring Testing & Analysis (TSJ)

Encl: As Above

Copy to: Regional Officer, Jharkhand State Pollution Control Board,
Adityapur, Jamshedpur – 831013

TATA STEEL LIMITED

Environment Management Jamshedpur 831 001 India

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**ENVIRONMENTAL STATEMENT
FOR THE YEAR 2021-2022**

**Fleet Management Center of Tata Steel
Utilities & infrastructure Services Ltd.
(Erstwhile JUSCO)**

**Submitted by:
Environment Management Department
TATA STEEL LIMITED
JAMSHEDPUR-831001
JHARKHAND**

Environmental Statement 2021-2022

FORM – V

Environment Statement Report for the Year ending 31/03/2022

PART-A

I)	Name and address of the occupier	:	Mr. T. V. Narendran CEO & MD Tata Steel Limited, Jamshedpur-831001 Jharkhand
II)	Industry Category Primary (SIC Code) Secondary (SIC Code)	: : :	Auto Repairing/Service Not available Not available
III)	Production capacity	:	Auto Repairing/Service
IV)	Year of establishment	:	1960
V)	Date of last environmental statement submitted.	:	September 22, 2021 vide letter no. EMD/C-23/255/21

PART-B
WATER & RAW MATERIAL CONSUMED

Water Consumption, KL/day

Process : 2
Cooling : Nil
Domestic : 0.25

i) Water Consumption (KL)

Water Consumption	During the previous Financial year (2020-21)	During the current Financial year (2021-22)
Industrial Consumption (Process & Cooling as Makeup water)	600	650
Domestic Consumption (as drinking water)	90	90

Name of the product	Process water consumption per unit of product Output (m³/no. of vehicle washed)	
	During the previous Financial Year (2020-21)	During the current Financial year (2021-22)
Vehicle Washing	0.1	0.1

ii) Raw Material Consumption:

Name of Raw Material	Name of the Products	Consumption of raw material	
		2020-2021	2021-2022
		MT/Yr.	MT/Yr.
N/A	N/A	N/A	N/A

PART-C

**POLLUTION DISCHARGED TO ENVIRONMENT / UNIT OF OUTPUT
(PARAMETER AS SPECIFIED IN THE CONSENT ISSUED)**

Pollutants	Quantity of pollutants Discharged (mass/day)		Concentrations of pollutants discharged (mass / volume)		Percentage of variation from prescribed (standards with reasons.)
	kg/day		mg/L		
a) WATER*	2020-2021	2021-2022	2020-2021	2021-2022	
pH	NA	NA	7.38	7.2	-
TSS	NA	NA	14.0	15	-
Oil & Grease	NA	NA	2.4	2.5	-
COD	NA	NA	52.0	60	-

*No effluent is being discharge outside the premises. The water is being recirculated and the above data is the quality of water after treatment in ETP.

Ambient Air Quality (2021-22)

Parameter	UoM	Norm	Average
Particulate Matter, PM ₁₀	µg/m ³	100	68
Particulate Matter, PM _{2.5}	µg/m ³	60	24
Sulphur Dioxide (SO ₂)	µg/m ³	80	17
Nitrogen Dioxide, (NO _x)	µg/m ³	80	34
Carbon Monoxide (CO)	mg/m ³	2	0.22
Ammonia (NH ₃)	µg/m ³	400	82
Ozone (O ₃)	µg/m ³	100	12
Nickel (Ni)	µg/m ³	20.0	<5
Arsenic (As)	ng/m ³	6.0	<1
Lead (Pb)	ng/m ³	1.0	<0.1
Benzene (C ₆ H ₆)	µg/m ³	5.0	<0.1
Benzo alpha Pyrene (BaP)	ng/m ³	1.0	<0.1

PART-D

HAZARDOUS WASTES

(As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Amendment Rules, 2016)

Hazardous Wastes	Total Quantity (Tonne/year)	
	<u>2020-21</u>	<u>2021-22</u>
Waste Oil	N/A	1.5
Discarded containers Waste	N/A	5

PART-E

SOLID WASTES

		During the Previous Financial year 2020-2021	During the current Financial year 2021-2022
a	From process		
	Any Waste Generation	NIL	NIL
b	From pollution control facilities-		Not applicable
c	Quantities recycled or reused within the unit -		Not applicable

PART - F

Characteristics of hazardous as well as solid wastes and their method of disposal:

Hazardous / Solid wastes	Characteristics	Method of disposal
Waste Oil	Oily	Utilised in house and sold to authorized recyclers
Discarded containers Waste	Empty Drums	Sold to authorized recyclers

Environmental Statement 2021-2022

PART - G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production.	We use tray for collecting oil to avoid any leakages.
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PART - H

Additional investment proposal for environmental protection including abatement of pollution	-
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PART - I

Any other particulars for improving in respect of environmental protection and abatement of pollution.	Utilization of Solar energy for automotive battery charging 60 watt per day.
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