



TSJ/EMD/C-23/179/23
September 26, 2023

The Member Secretary
Jharkhand State Pollution Control Board
T.A. Division Building
HEC Campus, Dhurwa
Ranchi - 834004

Subject: Submission of Environment Statement for Tata Main Hospital, Tata Steel Limited, Jamshedpur for the year 2022-23

Dear Sir,

With reference to captioned subject, we are submitting herewith the Environment Statement for Tata Main Hospital, Tata Steel Limited, Jamshedpur for the year 2022-23 duly filled in the prescribed format for your kind consideration.

You are requested to kindly acknowledge the same and place in your records.

Thanking you

Yours faithfully,
For Tata Steel Limited

Utsav Kashyap
Head Environment Clearance & Compliance (TSL)

Enclosures as above

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

TATA STEEL LIMITED

Environment Management Jamshedpur 831 001 India

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Registered Office: Bombay House, 24 Homi Mody Street, Mumbai 400001

Tel 91 22 66658282 Fax 91 22 66657724

Corporate Identity Number L27100MH 1907PLC000260 Website www.tatasteel.com

**ENVIRONMENTAL STATEMENT
FOR THE YEAR 2022-23**

**Tata Main Hospital
TATA STEEL LIMITED**

**Submitted by:
ENVIRONMENT MANAGEMENT DEPARTMENT
TATA STEEL LIMITED
JAMSHEDPUR-831001
JHARKHAND**

Environment Statement 2022-23

[Form V]

Environmental Statement for the Financial Year ending 31/03/2023

PART A

(i)	Name & address of the owner/occupier of the industry operation or process:	Air Vice Marshal (Dr.) Sudhir Rai (Retd.) General Manager (Medical Services) Tata Main Hospital Tata Steel Limited Jamshedpur-831001 Jharkhand
(ii)	Industry Category	Health Care Facility- Red Category
	Primary STC Code:	Nil
	Secondary SIC Code	Nil
(iii)	Production Capacity	983 Beds
(iv)	Year of Establishment	1907
(v)	Date of last Environment Statement submitted	September 22, 2022, vide letter no. EMD/C-23/174/22

Environment Statement 2022-23

PART B

WATER & RAW MATERIAL CONSUMPTION

i) Water Consumption m³/d

Water Consumption	During the current financial year (2021-22)	During the current financial year (2022-23)
Cooling and Domestic Consumption	1766	1530

ii) Raw Material Consumption:

Name of raw material	Consumption of raw material per unit of output	
	During the current financial year (2021-22)	During the current financial year (2022-23)
Not applicable as this is a Health care facility		

PART C

Pollution Discharged to Environment / Unit of Output (Parameter As Specified in the Consent Issued)

(i) Hospital:

Pollutants	Concentrations of pollutants discharged. (mass / volume)		Percentage of variation from prescribed standards
	(mg/L)		
(a) Water	2021-22	2022-23	
TSS	8.6	11.9	-88
Oil & Grease	1.6	1.3	-87
BOD	7.9	10.1	-66
COD	83.1	48.4	-81
(b) Air	(mg/Nm ³)		
PM*	NA	NA	-

*Not Applicable

PART D

As Specified under Bio-Medical Waste Management Rules, 2016

Bio medical waste is generated from the process which is detailed below:

Category	Type of Waste (kg)	During the calendar year (2022)
Yellow	(a) Human Anatomical Waste:	2901
	(b) Animal Anatomical Waste:	0
	(c) Soiled Waste:	43508
	(d) Expired or Discarded Medicines:	0
	(e) Chemical Waste:	0
	(f) Chemical Liquid Waste (in KL)	29876

Environment Statement 2022-23

	(g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	1844
	(h) Microbiology, Biotechnology, and other clinical laboratory waste:	1934
	Sub Total (Yellow)	50187
Red	Contaminated Waste (Recyclable)	88366
	Sub Total (Red)	88366
White (Translucent)	Waste sharps including Metals:	5941
	Sub Total (White)	5941
Blue	(a) Glassware:	13134
	(b) Metallic Body Implants	133
	Sub Total (Blue)	13266

PART E

Solid Waste

All other solid waste is like domestic and canteen waste is being routed through TSUISL for further management and handling.

PART F

Please specify the characterization (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Biomedical Waste generated from Tata Main Hospital is sent to Common Bio Medical Waste Treatment Facility at Adityapur.

PART G

Impact of Pollution control measures taken on conservation of natural sources & cost of production

- We are using the ETP treated wastewater for horticulture activities to reduce freshwater consumption.
- 06 nos. of rainwater harvesting cum-ground water recharge system are installed to reduce the freshwater consumption.
- Solar powered streetlights installed
- Conventional fans replaced with BLDC Fans at OPD
- HPMV Street lights changed with LED Lights

PART H

Additional measures/investment proposal of environmental protection including abatement of pollution

- We are maintaining greenery by taking care of existing plants in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
- In house Biogas plant installed at Canteen for utilization of kitchen waste

PART I

Any other particulars for improving the quality of environment.

- Tree plantation drive was done to enhance green cover of Hospital (TMH) on world environment day.

Environment Statement 2022-23

- COVID-19 BMW management is being done as per CPCB Guidelines and reports are being submitted for the same.