TSJ/EMD/C-23/201/24
September 27, 2024

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

Subject: Submission of Environment Statement for Town Engineering Workshop & Motor Garage under Fleet Management of Tata Steel Utilities, Tata Steel Limited, Jamshedpur, for the year 2023-24

Dear Sir,

With reference to captioned subject, we are submitting herewith the Environment Statement for, Town Engineering Workshop & Motor Garage under Fleet Management of Tata Steel Utilities Infrastructure Limited, Jamshedpur for the year 2023-24 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)

Encl: 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 2023-24

Fleet Management Centre of Tata Steel Utilities & infrastructure Services Ltd.
Erstwhile JUSCO

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

FORM – V

Environmental Statement for the financial Year ending 31st March 2024.

PART-A

I)	Name and address of the owner/occupier of the industry operation or process	:	T V Narendran Mauza -Bistupur, P S -Bistupur, District -EAST SINGHBUM
II)	Industry Category Primary (STC Code) Secondary (STC Code)	: : :	Orange ----- ----
III)	Production capacity	:	1) Chauffeur services to the higher executives of TSL Capacity approx. 7nos. chauffeurs (2) Servicing and maintenance of the executive cars and departmental vehicle-capacity 550 cars and vehicles (approx.)
IV)	Year of establishment	:	Jan 1925
V)	Date of last environmental statement submitted.	:	September 28, 2023.

PART-B
WATER & RAW MATERIAL CONSUMPTION

(i) Water Consumption, KL/day

Process : 4 KL
Cooling : --- (No cooling process here)
Domestic : 0.25 KL

Name of the product	Process water consumption per unit of product Output (Kl/Vehicle)	
	During the previous Financial Year (2022-23)	During the current financial year (2023-24)
1. Vehicle Washing	0.8 KL	0.8 KL

(ii) Raw Material Consumption: N/A*

Name of Raw Material	Name of the Products	Consumption of raw material per unit of output	
		During the previous financial year (2022-23)	During the current financial year (2023-24)
N/A	N/A	N/A	N/A

*It is only vehicle washing service facility

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.)
a) WATER	kg/day	mg/L	
pH	N/A	7.4	-00%
TSS	N/A	12	-88%
Oil & Grease	N/A	1.8	-82%
COD	N/A	21.5	-91%
b) AIR	$\mu g/m^3$		
PM 10	N/A	N/A	N/A

Treated effluent water is discharged in storm water drain, which finally goes to Sewage water treatment plant of JUSCO. Treated water from Sewage treatment plant is used for internal service work as well as plantation and gardening in TATASTEEL township. Thus, no effluent is being discharged finally to environment. The above data is the quality of water after treatment in water treatment pit installed in the facility.

PART-D

HAZARDOUS WASTES

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

Hazardous Wastes	Total Quantity (kg/year)	
	During the previous financial year 2022-23	During the current financial year 2023-24
From Process: Used/Spent oil	3400	00
From process: Discarded containers	200	00
From Pollution Control facility*	NA	NA

*There is no pollution control facility like Bag filter or ESP.

PART-E

SOLID WASTES

	Total Qty Kg	
	During Previous Financial Year (2022-23)	During Current Financial Year (2023-24)
(a) From process		
1: Wood, paper packaging, Solid Municipal waste	250 KG	250 KG
2: Tire, Tube, flaps, and other Rubber waste	00	5620 KG
(b) From pollution control facility	N/A	N/A
C (1) Qty recycled or re-utilised within the unit	N/A	N/A
(2) sold	N/A	5620 KG #
(3) Disposed*	250 KG	N/A

Auction sale to authorized vendors through IBMD

* Disposed centrally through Public Health Engineering Services department of TSUISL further used in compost manufacturing.

PART – F

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

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

Name of Wastes	Characteristics	Quantum (FY. 23-24)	Disposal Method
Hazardous waste			
Used Oil	Oily	00	Auction sale to authorized vendors through IBMD
Discarded containers	Empty oil drums	00	Auction sale to authorized vendors through IBMD
Solid waste			
Tire, Tube, flaps, and other Rubber waste	Tire, Tube, flaps, and other Rubber waste	5620 kg	Auction sale to authorized vendors through IBMD
Municipal solid waste	Wood, paper packaging, Solid Municipal waste	250 KG	Disposed centrally through Public Health Engineering Services department of TSUISL further used in compost manufacturing.

PART – G

Impact of pollution control measures on conservation of natural resources and consequently on the cost of production

1: As pollution control measure, oil separation pit has been installed. Water treated after oil separation is being reused in plantation activity. Thus, conservating water, the scarce natural resource.

2: wind driven roof top exhaust fan is there to refresh the air of workshop. This fan does not generate any pollution and does not consume energy. Thus, scarce natural resource is conserved by using this wind driven air refreshing fan.

3: Pot plantation has been done inside the facility. This is ensuring CO2 reduction.

PART – H

Additional investment proposal for environmental protection including abatement of pollution.

1: Robotic vehicle washing system is under consideration for automated vehicle washing. This will lead to water conservation and energy conservation.
2: Suggestion of Conversion of BS IV vehicles into BS VI vehicles.
3: Advocacy of EV vehicles as replacement of diesel /petrol vehicle.
4: Consultancy role for use of environment friendly vehicle.

PART – I

Any other particulars for improving in respect of environmental protection and abatement of pollution.

1: Utilization of Solar energy for automotive battery charging 60 watt per day.
2: LED lamps in place of conventional incandescent lamp.
3: ODS free air conditioners are being used.
4: Energy efficient A.C. are being used.
5: Rainwater harvesting system is in place.

OK
Subhasish Das
Manager
Fleet Management Centre
TATA STEEL UISL