

Assurance Statement For Green House Gas

Issued by Indian Register Quality Systems



Verification No.
IRQS / 244101381

To assure the Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions

TATA STEEL LIMITED

ADDRESS

Jamshedpur Steel Works,
Jamshedpur, Jharkhand, India, 831001

SITES

Refer

Annexure 1: List of sites covered under Tata Steel Limited

Registered Office:

Bombay House, 24, Homi Mody Street,
Fort, Mumbai – 400001, India

The verification of GHG emissions for Tata Steel Limited was conducted in accordance with **ISO 14064-3:2019** and meets the requirements of the WRI/WBCSD GHG Protocol – A Corporate Accounting and Reporting Standard.

ORGANIZATION BOUNDRY

TATA STEEL LIMITED
(Refer Annexure 1)

VERIFICATION DATE

JULY 3rd and 4th, 2024

ISSUE DATE

AUGUST 27, 2024

ASSURANCE STATEMENT

Based on the assessment, a limited level of assurance is recommended for the emissions detail as below:

VERIFIED EMISSIONS IN THE REPORTING PERIOD:

FROM 01 APRIL 2023 TO 31 MARCH 2024

Scope	GHG Emissions
Scope 1	Direct Emission 55,735,871-tonne CO ₂ Equivalent.
Scope 2	Indirect Emission 6,643,961-tonne CO ₂ Equivalent (location-based).
	Indirect Emission 6,412,416-tonne CO ₂ Equivalent (market-based).
Scope 3	Other Indirect Emissions 17,504,414-tonne CO ₂ equivalent. (Refer Table 1 for category wise Scope 3 emissions)

MATERIALITY THRESHOLD 5 %

CERTIFICATION BODY



AUTHORISED CERTIFICATION BODY SIGNATURE

Shashi Nath Mishra
Senior Vice President

Indian Register Quality Systems (A Division of IRCLASS Systems and Solutions Private Limited)

Head Office: 52A, Adi Shankaracharya Marg, Opp. Powai Lake, Powai, Mumbai - 400 072, India. Website: www.irqs.co.in, www.irclass.org

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Table 1: Category-wise Scope 3 emissions

Sl. No.	Categories	Scope 3 emissions (tonne CO ₂ e)	% of Total Scope 3 emissions
1	Purchased goods & Services	1,376,944	8%
2	Capital goods	1,487,996	9%
3	Fuel- & Energy-Related Activities Not Included in Scope 1 or Scope 2	2,098,414	12%
4	Upstream transportation & distribution	785,008	4%
5	Waste generated in operations	73,868	0.4%
6	Business travel	8,756	0.1%
7	Employee commuting	28,396	0.2%
8	Upstream leased assets	235,450	1%
9	Downstream transportation & distribution	2,210,767	13%
10	Processing of sold products	317,841	2%
11	Use of sold products	6,182,472	35%
12	End of life treatment of sold product	1,357,995	8%
13	Downstream leased assets	2,595	0.01%
14	Franchises	2,191	0.01%
15	Investments	1,314,625	8%
16	Others (Upstream)	13,282	0.1%
17	Others (Downstream)	7,815	0.04%
	Total Emissions	17,504,414	

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Annexure 1: List of sites covered under Tata Steel Limited

Midstream:

1. Integrated steel plants – 4 nos.
 - a. Tata Steel Jamshedpur (TSJ)
 - b. Tata Steel Kalinganagar (TSK)
 - c. Tata Steel Meramandali (TSM)
 - d. Tata Steel Gamharia (TSG)
6. Ferro Chrome plants – 4 nos.
 - a. Bamnupal
 - b. Gopalpur
 - c. Athagarh
 - d. Jajpur

Upstream:

2. Collieries & Washeries – 2 nos.
 - a. Jharia
 - b. West Bokaro
3. Ores, Mines & Quarries – 5 nos.
 - a. Noamundi
 - b. Katamati
 - c. Joda East
 - d. Khondbond
 - e. Vijay II
4. Manganese Group of Mines – 3 nos.
 - a. Bamebari
 - b. Tiringpahar
 - c. Joda West
5. Chrome ore Mines – 3 nos.
 - a. Sukinda
 - b. Saruabil
 - c. Kamarda
7. Ferro Manganese plant – 1 no.
 - a. Joda
8. Silico Manganese plant – 1 no.
 - a. Balasore
9. Cokemaking site – 1 no.
 - a. Hooghly Met Coke, Haldia
10. Sponge Iron Plant – 1 no.
 - a. Tata Sponge Iron Limited, Joda
11. Ductile Iron & Pig Iron Plant – 1 no.
 - a. Tata Steel Metaliks Division, Kharagpur

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Downstream:

- 12. Global Wires India – 5 nos.
 - a. Wire Rod Mill West, Tarapur
 - b. Tarapur Wire Plant 1
 - c. Tarapur Wire Plant 2
 - d. SSP, Tarapur
 - e. Pithampur Wire Plant
- 13. Tube making – 3 nos.
 - a. Jamshedpur
 - b. Sahibabad
 - c. Hosur
- 14. Cold Rolling – 5 nos.
 - a. CRC West, Tarapur
 - b. Bara, Jamshedpur
 - c. Khopoli
 - d. Sahibabad
 - e. Tata Tinplate
- 15. Others – 4 nos.
 - a. Tata Bearings, Kharagpur – 1 no.
 - b. Tata Steel Growth Shop, Gamharia – 1 no.
 - c. Straight Bar Mill, Adityapur – 2 nos.
 - d. Physical Distribution & Satellite Units (erstwhile CSD Hubs & Stockyards) – 5 nos.

Offices, Administration, Marketing & Sales, Medical Services, Guest Houses and Aviation.

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