Verification Report

Verification Opinion: 825967

Verified with comments	
Based on the process and procedures conducted, the GHG statement contained in the GHG Report "Greenhouse Gas Emissions Report as per ISO 14064-1: 2018", dated 1st June 2025, submitted on 01/06/2025, produced by JK Tyre & Industries Ltd. Link House 3 Bahadur Shah Zafar Marg New Delhi 110 002 India	• is materially correct and is a fair representation of GHG data and information. • has been prepared in accordance with ISO 14064-1: 2018, & it's principles.
The following improvements were raised in relation to future reporting	• Organization should complete the GHG inventory including other significant categories which are currently excluded. • End of life category is calculated using reference from European tyre and rubber manufacturer association (ETRMA) scenario, this may be improved with the actual practices of different countries for tyre waste management where tyre product of the organization is used considering both domestic and international consumption as this end of life category deals with the organization's own product tracking and it's disposal after it's life is completed.
Lead Verifier	Ishan Mehrotra
Independent Reviewer	Vo Hong Kiet
Signed on behalf of BSI	*Theuns Kotze*
Issue Date	17/06/2025

BSI Group India Pvt. Ltd., Headquarters: Max House, Tower – C, 7th Floor, Okhla Industrial Estate, Phase-3, New Delhi 110020 India. BSI Group India is a subsidiary of British Standards Institution +91 11 4762-9000

Note: BSI Group India Pvt. Ltd. is independent to and has no financial interest in JK Tyre & Industries Ltd. This 3rd party Verification Opinion has been prepared JK Tyre & Industries Ltd. only for the purposes of verifying its statement relating to its GHG emissions more particularly described in the scope above. It was not prepared for any other purpose. In making this Statement, BSI India Pvt. Ltd. has assumed that all information provided to it by JK Tyre & Industries Ltd. is true, accurate and complete: BSI India Pvt. Ltd. accepts no liability to any third party who places reliance on this statement.

Certificate Number and date of issuance of opinion: CFV 825967, 17-June-25

Verification Engagement

Organization	JK Tyre & Industries Ltd.
Responsible party	JK Tyre & Industries Ltd.
Verification Objectives	To express an opinion on whether the organizational GHG Statement which is historical in nature: • Is accurate, materially correct and is a fair representation of GHG data and information • Has been prepared in accordance with ISO 14064-1: 2018, the criteria used by BSI to verify the GHG Organizational Statement
Materiality Level	5%
Level of Assurance	Reasonable
Verification evidence gathering procedures	• Evaluation of the monitoring and controls systems through interviewing employee's observation & inquiry • Verification of the data through sampling recalculation, retracing, cross checking, and reconciliation. • Data is verified through manual consumption logs, SAP records, vendor service reports, invoices, calibration reports etc.
The verification activities applied in a limited level of assurance verification are less extensive in nature, timing, and extent than in a reasonable level of assurance verification.	
Verification Standards	The verification was carried out in accordance with ISO 14064-3: 2019, ISO 14065: 2020 and ISO 17029: 2019
Note: JK Tyre & Industries Ltd. is responsible for the preparation and fair presentation of the GHG statement and report in accordance with the agreed criteria. BSI is responsible for expressing an opinion on the GHG statement based on the verification.	

Organizational GHG Statement

Organization		JK Tyre & Industries Ltd.
Organizations GHG Report containing GHG Statement		By JK Tyre & Industries Ltd. submitted on 1st June 2025 titled Greenhouse gas emissions annual report for financial period 2024-25
Organizational Boundary		Operational Control
Locations included in the Organizational Boundary		See Appendix A
Scope of activities:		'Design and Manufacture of Conventional (Bias), Radial and Agricultural Tyres.'
Reporting Boundary:	Direct GHG Emissions Category-1(Scope 1)	Combustion of: • Fuel for boiler operation- Coal • Diesel(Stationary & Movable) • Petrol(movable) • LPG consumption • Dissolved acetylene Leakages of: • Refrigerants leaks (HFCs). • CO2 from Fire Extinguisher
	Indirect GHG Emissions from imported energy Category-2(Scope 2)	Imported Electricity from regional grid(this also includes electricity purchases from third party PPA agreement and energy purchase from energy exchanges).
	Indirect GHG emissions from transportation Category-3(Scope 3)	• Transportation of raw material. • Transportation of finished goods. • Employee Commute. • Business Commute. • Waste Transportation.
	Indirect GHG emissions from products used by the organization Category-4(Scope 3)	• Upstream emissions from fuel and energy purchased.
	Indirect GHG emissions from sold products Category-5(Scope 3)	• End of life treatment of sold products.
Exclusions from Reporting Boundary:		Currently the below sources are excluded due to the unavailability of desired data which can be used with high level of confidence to ensure accuracy in measurement. Indirect GHG emissions from products used by organization (Category-4) including disposed treatment of waste, Indirect GHG emissions associated with the use of products from the organization (Category 5)

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Criteria for developing the organizational GHG Inventory:	ISO14064-1: 2018
Reporting Period	1st April 2024 to 31st March 2025

Emission Summary (1st April 2024 to 31st March 2025)

JK Tyre & Industries Ltd.	**JKT**
Direct Emissions Category-1 (scope 1)	**192117.24**
Indirect Emissions from Imported Energy Category-2 (scope 2) – **Market Based	**173094.52**
Indirect GHG emissions from transportation Category-3 (Scope 3)	**106066.6**
Indirect GHG emissions from products used by the organization Category-4 (Scope 3)	**123928.9**
Total Emissions for Cat-1,2,3,4	**595207.28**
Indirect GHG emissions from product sold Category-5 (Scope 3): End of life treatment of tyres	***(94032.24)**
Total Emissions	**501175.05**

**End of life treatment of tyre waste are calculated based upon the LCA studies conducted by the organization using ISO 14040/14044 standard, and derived carbon emissions factor, the results showcases that the tyre after its life completion, i.e. end of life is recycled as per the scenarios considered in the paper presented by European tyre and rubber manufacturers association(ETRMA), which highlights the usage of waste tyres in energy recovery using incineration, and credits for fuel replacement has been considered as a result.*

***Both location-based and market-based emissions are same for the organization since most of the other contractual instruments are in terms of PPA agreements.*

Plant wise break-up: for period 1st April 2024 to 31st March 2025

	tCO2(e)							
JK Tyre & Industries Ltd.	***KTP**	***BTP**	***CTP**	***VTP**	***PDC & HO**	**JKTIL**	***CIL**	**JKT(including CIL)**
Direct Emissions Category-1 (scope 1)	25707.17	13733.37	36547.03	23400.95	287.58	99676.10	92441.14	**192117.24**
Indirect Emissions from Imported Energy Category-2 (scope 2) – Market Based	27896.25	38442.54	17003.58	4061.58	443.59	87847.55	85246.97	**173094.52**
Indirect GHG emissions from transportation Category-3 (Scope 3)	10889.45	14637.24	21357.49	23161.65	3688.59	73,734.43	32332.19	**106066.60**
Indirect GHG emissions from products used: Upstream fuels-WTT Category-4 (Scope 3)	18510.36	18706.44	16046.44	9807.59	161.95	63232.77	60696.13	**123928.90**
Indirect GHG emissions from product sold Category-5 (Scope 3): End of life category	*(11426.46)	*(11728.5)	*(20879.1)	*(20620.48)	Nil	*(64654.54)	*(29377.7)	***(94032.24)**
Total Emissions	**71576.77**	**73791.09**	**70075.45**	**39811.30**	**4581.70**	**259836.31**	**241338.73**	**501175.05**

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Refer Appendix-A for full addresses of KTP, BTP, CTP, VTP, CIL. JKTIL stands for JK Tyre & Industries ltd. and JKT stands for JKTyre, which includes emissions from CIL as well.

Chennai Tyre Plant for period: 1st January 2024 to 31st December 2024	**CTP (tCO2e)**
Direct Emissions Category-1 (scope 1)	37398.50
Indirect Emissions from Imported Energy Category-2 (scope 2) – Market Based	19725.79
Total Emissions	57124.29

Appendix A

1. **Head Office:**
   JK Tyre & Industries Ltd. Link House, 3, Bahadur Shah Zafar Marg, New Delhi - 110 002.

2. **Vikrant Tyre Plant: VTP**
   JK Tyre & Industries Ltd. Plant 1, K R S Road, Metagali, Mysore, Karnataka – 570 016,
   JK Tyre & Industries Ltd. Plant 3, OTR, Plot No 85, Block B, K R S Road, Metagali, Mysore Karnataka –570 016

3. **Product Development Centre: PDC**
   JK Tyre & Industries Ltd. Product Development Center, Plot No.437, Hebbal Industrial Area, Mysuru – 570016

4. **Kankroli Tyre Plant: KTP**
   JK Tyre & Industries Ltd. P.O.-Tyre Factory, Jaykaygram, Kankroli Rajsamand, Rajasthan,313342

5. **Chennai Tyre Plant: CTP**
   JK Tyre & Industries Ltd. Sriperumbudur - Tambaram Road, (SH-110), Kolathur Village, Sriperumbudur Taluk, Kancheepuram District Chennai, Tamil Nadu – 602 105

6. **Cavendish Industries Ltd. (A Unit of JK Tyre): CIL**
   Village: Khedimubarakpur, Tehsil: Laksar, District : Haridwar, 247663.

7. **Banmore Tyre Plant: BTP**
   JK Tyre & Industries Ltd. C - I, Industrial Area, P.O. Banmore , Dist. Morena Madhya Pradesh - 476 444.