

# Verification Opinion



23 August 2024  
Opinion No : SGS24/018

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President & COO  
The Yokohama Rubber Co., Ltd.  
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## Objective

SGS Japan Inc. (hereinafter referred to as "SGS") was commissioned by the Yokohama Rubber Co., Ltd. (hereinafter referred to as "the Organization") to conduct independent verification based on Criteria of Verification (ISO14064-3: 2019 and the SGS verification protocol) regarding the data prepared by the Organization on the scope of verification (hereinafter referred to as "the Statement"). The objective of this verification is to confirm that the Statement in the Organization's applicable scope has been correctly calculated and reported in the Statement in conformance with the criteria, and to express our views as a third party. The Organization is responsible for the preparation and fair presentation of the Statement.

## Scope

The scope of verification is Scope 1 and 2 emissions, Scope 3 emissions, water consumption and discharge and amount of waste disposal.

The period subject to report is from 1 January 2023 to 31 December 2023.

Refer to the attached sheet for the detailed scope of verification.

## Procedure of Verification

The Statement was verified in accordance with Criteria of Verification, and the following processes were implemented at a limited level of assurance:

- Verification of the calculation system: Interviews on the measurement, tabulation, calculation, and reporting methods employed by the Organization as well as review of related documents and records
- Verification of the Statement: On-site verification and voucher review conducted at Onomichi Plant and Ibaraki Plant, and analytical procedures and interviews for the other sites in the scope of verification carried out at the head office

The criteria for this review are based on the Act on Rationalization of Energy Use and Shift to Non-fossil Energy, GHG Emissions Calculation and Reporting Manual Ver. 5.0, Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 2.6 and Emission Factor Database on the same Accounting Ver. 3.4, LCCO<sub>2</sub> Calculation Guidelines for Tires Ver. 3.0.1 and Protocol specified by the Organization.

## Conclusion

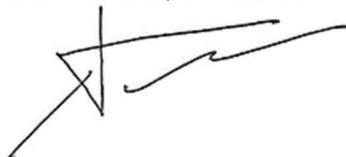
Within the scope of the verification activities employing the methodologies mentioned above, nothing has come to our attention that caused us to believe that the Organization's Statement was not calculated and reported in conformance with the criteria.

SGS Japan Inc. affirms our independence from the Organization, being free from bias and conflicts of interest with the Organization.

### For and on behalf of SGS Japan Inc.

Yokohama business Park North Square I  
134, Godo-cho, Hodogaya-ku, Yokohama  
Business Assurance  
Head of Certification/Accreditation

Yuji Takeuchi



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Attached file

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### The details of the scope of verification

The Scope		The Boundary	The Statement
1	Scope 1 and 2 (energy related CO <sub>2</sub> emissions), excluding fuel for the vehicles which run outside of the sites	The Organization and consolidated companies totaling 127 sites (89 domestic and 38 overseas sites)	Scope 1: 588,451 t-CO <sub>2</sub> 563,329 t-CO <sub>2</sub> <sup>*-1</sup> Location-based: Scope 2: 512,300 t-CO <sub>2</sub> 483,743 t-CO <sub>2</sub> <sup>*-1</sup> Market-based: Scope 2: 493,919 t-CO <sub>2</sub> 465,309 t-CO <sub>2</sub> <sup>*-1</sup>
2	Scope3 (category 1)	The Organization and consolidated companies* *The following are not included in the scope of calculation. • Y-TWS Group	Cat. 1: 3,381 thousand t-CO <sub>2e</sub>
3	Scope3 (category 2)	The Organization and consolidated companies* *The following are not included in the scope of calculation. • Y-TWS Group	Cat. 2: 199 thousand t-CO <sub>2e</sub>
4	Scope3 (category 3) excluding the vehicles which run outside of the sites	The Organization and consolidated companies* *The following are not included in the scope of calculation. • Y-TWS Group 13 production sites	Cat. 3: 139 thousand t-CO <sub>2e</sub>
5	Scope3 (category 4)	The Organization and consolidated companies within the boundary specified by the Organization* *The following are not included in the scope of calculation. • Logistics for procurement from overseas suppliers • Logistics for ATC Tires Private Ltd., ATC Tires AP Private Ltd. , Alliance Tire Company Ltd. and Y-TWS group • Logistics for parts and sub-materials other than raw materials for rubber parts	Cat. 4: 136 thousand t-CO <sub>2e</sub>
6	Scope3 (category 5)	The Organization and consolidated companies	Cat. 5: 31 thousand t-CO <sub>2e</sub> 30 thousand t-CO <sub>2e</sub> <sup>*-1</sup>

7	Scope3 (category 6)	The Organization and consolidated companies	Cat. 6: 14 thousand t-CO <sub>2e</sub> 14 thousand t-CO <sub>2e</sub> *-1
8	Scope3 (category 7)	The Organization and consolidated companies	Cat. 7: 27 thousand t-CO <sub>2e</sub> 26 thousand t-CO <sub>2e</sub> *-1
9	Scope3 (category 9)	The Organization and consolidated companies within the boundary specified by the Organization* *The following are not included in the scope of calculation. • Logistics for ATC Tires Private Ltd., ATC Tires AP Private Ltd., Alliance Tire Company Ltd. and Y-TWS group	Cat. 9: 74 thousand t-CO <sub>2e</sub>
10	Scope3 (category 10)	Tire products manufactured by the Organization and group companies* *The following are not included in the scope of calculation. • Y-TWS Group	Cat. 10: 10 thousand t-CO <sub>2e</sub>
11	Scope3 (category 11)	Tire products manufactured by the Organization and group companies* *The following are not included in the scope of calculation. • Y-TWS Group	Cat. 11: 20,735 thousand t-CO <sub>2e</sub>
12	Scope3 (category 12)	Tires and MB products manufactured by the Organization and group companies* *The following are not included in the scope of calculation. • Y-TWS Group	Cat. 12: 913 thousand t-CO <sub>2e</sub>
13	Scope3 (category 15)	Specified investment stock of the Organization	Cat. 15: 67 thousand t-CO <sub>2e</sub>
14	Water consumption and discharge	The Organization and consolidated companies totaling 56 sites (18 domestic and 38 overseas sites)	Water consumption: 9,600 thousand m <sup>3</sup> 9,164 thousand m <sup>3</sup> *-1 Water discharge: 7,977 thousand m <sup>3</sup> 7,557 thousand m <sup>3</sup> *-1
15	Amount of waste disposal (including Valuables)	The Organization and consolidated companies totaling 54 sites (16 domestic and 38 overseas sites)	Waste disposal: 59,608 t 54,632 t *-1

\*-1: Excluding Y-TWS Group's unconsolidated period (Jan. - Apr. 2023)