

Verification Opinion



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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 period subject to report is from 1 January 2021 to 31 December 2021.

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 review of vouchers conducted at Shinshiro Plant and Hiratsuka Factory, and analytical procedures and interviews for other sites in the scope of verification carried out

The criteria for this review are based on the Act on the Rational Use of Energy, GHG Emissions Calculation and Reporting Manual Ver. 4.8, Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 2.3 and Emission Factor Database on the same Accounting Ver. 3.1, LCCO₂ Calculation Guidelines for Tires Ver. 3.0 and Protocol specified by the Organization such as Energy management procedure, Industrial waste management procedure, Scope 3 calculation guideline.

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, Good-cho, Hodogaya-ku, Yokohama
Senior Executive & Director
Knowledge

Yuji Takeuchi



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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 ₂ emissions) and energy consumption, excluding the vehicles which run outside of the sites	117 sites (90 domestic and 27 overseas sites)	Scope 1: 612,555 t-CO ₂ Scope 2: Location-based: 511,658 t-CO ₂ Market-based: 486,318 t-CO ₂
2 Scope3 (category 1)	The Organization and consolidated companies	Cat. 1: 4,031.0 kt-CO ₂
3 Scope3 (category 2)	The Organization and consolidated companies	Cat. 2: 151.8 kt-CO ₂
4 Scope3 (category 3)	The Organization and consolidated companies	Cat. 3: 146.7 kt-CO ₂
5 Scope3 (category 4)	The Organization and consolidated companies (within the boundary specified by the Organization)	Cat. 4: 153.9 kt-CO ₂
6 Scope3 (category 5)	The Organization and consolidated companies	Cat. 5: 49.9 kt-CO ₂
7 Scope3 (category 6)	The Organization and consolidated companies	Cat. 6: 4.5 kt-CO ₂
8 Scope3 (category 7)	The Organization and consolidated companies	Cat. 7: 21.3 kt-CO ₂
9 Scope3 (category 9)	The Organization and consolidated companies (within the cargo ownership)	Cat. 9: 71.8 kt-CO ₂
10 Scope3 (category 10)	Tire products manufactured by the Organization and group companies	Cat. 10: 10.3 kt-CO ₂
11 Scope3 (category 11)	Tire products manufactured by the Organization and group companies	Cat. 11: 19,939.9 kt-CO ₂

12	Scope3 (category 12)	Products manufactured by the Organization and group companies	Cat. 12:	874.8 kt-CO ₂
13	Scope3 (category 15)	Specified investment stock of the Organization	Cat. 15:	111.5 kt-CO ₂
14	Water consumption and discharge	46 sites (19 domestic and 27 overseas sites)	Water consumption :	8,494 thousand m ³
			Water discharge :	6,463 thousand m ³
15	Amount of waste disposal	45 sites (18 domestic and 27 overseas sites)	Waste disposal :	52,628 t



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