

Verification Opinion



5 September 2022
Opinion No : SGS22/028

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Objective

SGS Japan Inc. (hereinafter referred to as "SGS") was commissioned by GS Yuasa International 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 Scope1 and 2 emissions, energy consumption, and Scope3 emissions.
The period subject to report is from 1 April 2021 to 31 March 2022

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 Ritto Plant and Osadano Plants, and analytical procedures and interviews for other sites in the scope of verification carried out at the Head Office.

The criteria for this review are based on the Act on the Rational Use of Energy, the GHG Emissions Calculation and Reporting Manual Ver.4.8, Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain, Ver. 2.4, the Database of emissions unit values on the same Accounting Ver. 3.2, the Embodied Energy and Emission Intensity Data for Japan Using Input-Output Tables (3EID) and the 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
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Senior Executive & Director
Knowledge

Yuji Takeuchi



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The details of the scope of verification

| The scope | | The boundary | The statement |
|-----------|---|---|---|
| 1 | The performance data Scope 1 and 2 include energy-related CO ₂ emissions and energy consumption ※Excluding the vehicles which run outside of the sites. | 5 production sites of the Organization (composed of 6 individual sites), 2 production sites of the domestic group companies (composed of 2 individual sites), 20 production sites of the overseas group companies (composed of 30 individual sites) | Scope 1: 89,631 t-CO ₂ Scope 2: 512,861 t-CO ₂ |
| 2 | Scope 3 (Category 1) | The Organization | 471,173 t-CO ₂ |
| 3 | Scope 3 (Category 2) | The Organization and 2 domestic group companies | 45,615 t-CO ₂ |
| 4 | Scope 3 (Category 3) | 5 production sites of the Organization (composed of 6 individual sites) 2 production sites of the domestic group companies (composed of 2 individual sites) 20 production sites of the overseas group companies (composed of 30 individual sites) | 86,686 t-CO ₂ |
| 5 | Scope 3 (Category 4) | The Organization Limited to specified consigner (domestic transport of the Organization) under the Act on the Rational Use of Energy | 9,484 t-CO ₂ |
| 6 | Scope 3 (Category 5) | 7 domestic production sites (composed of 8 individual sites) including the Organization | 1,089 t-CO ₂ |
| 7 | Scope 3 (Category 6) | 7 domestic production sites (composed of 8 individual sites) including the Organization | 732 t-CO ₂ |
| 8 | Scope 3 (Category 7) | 7 domestic production sites (composed of 8 individual sites) including the Organization | 2,103 t-CO ₂ |