

# Verification Opinion



15 June 2023  
Opinion No : SGS23/013

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## Objective

SGS Japan Inc. (hereinafter referred to as "SGS") was commissioned by Nissan Chemical Corporation (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, energy consumption, and Scope 3 emissions.  
The period subject to report is from 1 April 2022 to 31 March 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 Saitama Plant and Materials Research Laboratories, 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, Act on the Rational Use of Energy, the GHG Emissions Calculation and Reporting Manual Ver. 4.9, the Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 2.5, Emission Factor Database on the same Accounting Ver. 3.3, 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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Management Committee Member  
Head of Certification/Accreditation  
Knowledge

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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 carbon dioxide emissions and energy consumption, excluding the vehicles which run outside of the sites)	9 domestic sites of the Organization (3 Laboratories, 5 Plants and 1 Works)	Scope 1: 76,441 t-CO <sub>2</sub> Scope 2: 104,187 t-CO <sub>2</sub> Total: 180,598 t-CO <sub>2</sub>
2 Scope 1 and 2 (greenhouse gas emissions other than energy related carbon dioxide emissions: carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and nitrogen trifluoride)	9 domestic sites of the Organization (3 Laboratories, 5 Plants and 1 Works)	146,960 t-CO <sub>2</sub>
3 Scope3 (category 6)	16 domestic sites of the Organization (Head Office, 6 Sales Offices, 3 Laboratories, 5 Plants and 1 Works)	1,163 t-CO <sub>2</sub>
4 Scope3 (category 11)	Products sold by the organization (nitrous oxide, liquefied carbonic acid and ammonium bicarbonate)	62,216 t-CO <sub>2</sub>