

# Verification Statement



8 July 2021

Statement No : SGS21/015

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President & CEO  
Mitsubishi Electric Corporation

## Objective

SGS Japan Inc. (hereinafter referred to as "SGS") was commissioned by Mitsubishi Electric Corporation (hereinafter referred to as "the Organization") to conduct independent verification based on Criteria of Verification (ISO14064-3: 2006 and the SGS verification protocol) regarding the data prepared by the Organization on the scope of verification (hereinafter referred to as "the assertion"). The objective of this verification is to confirm that the assertion in the Organization's applicable scope has been correctly calculated and reported in the assertion in conformance with the criteria, and to express our views as a third party.

## Scope

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

Refer to the attached sheet for the detailed scope of verification and the period subject to report.

## Procedure of Verification

The assertion 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 assertion: On-site verification and review of vouchers conducted at Himeji Works and Gunma Works, 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, GHG Emissions Calculation and Reporting Manual Ver. 4.7, Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain Ver. 2.3 and Emission Factor Database on the same Accounting Ver. 2.5, 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 assertion 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  
Senior Executive & Director  
Certification and Business Enhancement

Yuji Takeuchi



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**The details of the scope of verification**

The scope	The boundary	The assertion
1 Scope 1 and 2 (energy related greenhouse gas emissions) and energy consumption	Energy management units defined by the Organization (the Organization: 52 sites, Domestic group: 55 sites, Overseas group: 25 sites, Total: 132 sites)	Scope 1: 105,989 t-CO <sub>2</sub> Scope 2: Location base: 942,312 t-CO <sub>2</sub> Market base: 812,102 t-CO <sub>2</sub> 121,062 t-CO <sub>2</sub>
2 Scope 1 (non-energy related greenhouse gas emissions: HFC, PFC, SF <sub>6</sub> )	GHG management units defined by the Organization (The Organization: 29 sites, Domestic group: 19 sites, Overseas group: 7 sites, Total: 55 sites)	
3 Scope3 (Category 1)	The Organization, consolidated subsidiaries and equity-method affiliate defined by the Organization	9,087,114 t-CO <sub>2</sub>
4 Scope3 (Category 6)	The Organization, domestic consolidated subsidiaries and equity-method affiliate defined by the Organization	4,598 t-CO <sub>2</sub>
5 Scope3 (Category 7)	The Organization, consolidated subsidiaries and equity-method affiliate defined by the Organization	29,261 t-CO <sub>2</sub>
6 Scope3 (Category 11)	76 product groups contributing to the environment defined by the Organization	34,736,549 t-CO <sub>2</sub>
7 Water consumption and discharge	Water management units defined by the Organization (The Organization: 29 sites, Domestic group: 43 sites, Overseas group: 24 sites, Total: 96 sites)	Water consumption: 10,348 thousand m <sup>3</sup> Water discharge: 8,156 thousand m <sup>3</sup>

**The period subject to report**

The scope No. 1 and from No.3 to No.7	From 1 April 2020 to 31 March 2021
The scope No. 2	From 1 January 2020 to 31 December 2020

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