Verification Statement

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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 limited to the performance data in the Environmental Report 2019, including Scope 1 and 2 (energy-related CO2 emissions and energy consumption at the 132 energy management units defined by the Organization, which includes 52 units of the Organization, 53 units of its domestic and 27 units of its overseas affiliated companies, GHG emissions of SF6, PFC and HFC at the 56 energy management units defined by the Organization, which includes 30 units of the Organization, 19 units of its domestic and 7 units of its overseas affiliated companies), Scope 3 (category 1 for purchase of goods directly related to the products of the consolidated organizations, category 6 for the Organization and the domestic consolidated sites, category 7 for the consolidated sites, and category 11 for 83 product groups contributing to reducing CO2 defined by the Organization), and water consumption and water discharge from the 100 water management units in the energy management units defined by the Organization, which includes 31 units of the Organization, 43 of its domestic and 26 units of its overseas affiliated companies.

The period subject to report is from 1 April 2018 to 31 March 2019 (the period for GHG emissions of SF6, PFC and HFC for the Organization and its domestic affiliated companies is from 1 January 2018 to 31 December 2018).

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/ a reasonable 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 the Air Conditioning & Refrigeration Systems Works (Wakayama) and the Kamakura 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 GHG Emissions Calculation and Reporting Manual Ver. 4.3.2, the Basic Guidelines on Accounting for Greenhouse Gas Emissions throughout the Supply Chain (Ver. 2.2) and the Database of emissions unit values on the same Accounting (Ver. 2.4), 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 (Scope1: 296,136 t-CO2, Scope2: 1,020,067 t-CO2, Scope3: 43,568,825 t-CO2, and Water consumption: 10,877 Ml) 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 & Business Manager Certification and Business Enhancement

Yuji Takeuchi

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