

Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in year 2021 of
MERRY ELECTRONICS CO., LTD.

No.22, 23 Rd., Taichung Industrial Park, Taichung, 408213, Taiwan



has been verified in accordance with ISO 14064-3:2006 as meeting
the requirements of

ISO 14064-1:2018

Direct emissions
81.6432 tonnes of CO₂e

Indirect emissions
691.3784 tonnes of CO₂e

Direct emissions and indirect emissions
773.022 tonnes of CO₂e

Authorized by

David Huang
Senior Director

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Version 1

TGP56A-15-6 2103
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Statement TW22/00107GG, continued

The emission of each category is described as below:

Unit: tonnes of CO₂e

| Reporting Boundaries | | GHG Emissions |
|---|---|---------------|
| Inventory categories | Description | |
| Direct emissions | This direct GHG emissions are the sum of owned or controlled by the organization within the organization. | 81.6432 |
| Indirect emissions | Imported energy Indirect emissions from imported electricity, including GHG emissions related to the production and consumption of electricity imported by the organization. | 555.6714 |
| | Transportation 1. Indirect GHG emissions from upstream transport for goods. (Photocopy paper, organic solvent and alcohol for epidemic prevention) 2. Indirect GHG emissions from business travel. | 21.2651 |
| | Products used by an organization 1. Indirect GHG emissions from purchased goods, which are emissions associated with the fabrication of the product. 2. Indirect GHG emissions from the disposal of solid and liquid waste. | 114.4419 |
| | Associated with the use of products from the organization | - |
| | Other sources | - |
| Direct emissions and indirect emissions | | 773.022 |

The emission of each site is described as below:

Unit: tonnes of CO₂e

| Site | Direct emissions | Indirect emissions | Total GHG emissions |
|----------------|------------------|--------------------|---------------------|
| HEADQUARTER | 66.3761 | 527.3121 | 593.688 |
| TAIPEI OFFICE | 12.3090 | 141.0172 | 153.326 |
| HSINCHU OFFICE | 2.9581 | 23.0491 | 26.007 |

Statement TW22/00107GG, continued

SGS has been contracted by MERRY ELECTRONICS CO., LTD. (hereinafter referred to as "MERRY"), No.22, 23 Rd., Taichung Industrial Park, Taichung, 408213, Taiwan for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2006

as provided by MERRY ELECTRONICS CO., LTD. (hereinafter referred to as "MERRY"), No.22, 23 Rd., Taichung Industrial Park, Taichung, 408213, Taiwan, in the GHG Assertion in the form of GHG report covering GHG emissions of the period 01 January 2021 to 31 December 2021.

Roles and responsibilities

The management of MERRY is responsible for the organization's GHG information system, the development and maintenance of records and reporting procedures in accordance with that system, including the calculation and determination of GHG emissions information and the reported GHG emissions.

It is SGS's responsibility to express an independent GHG verification opinion on the GHG emissions as provided in the GHG Assertion for the period 01 January 2021 to 31 December 2021.

SGS conducted a third party verification of the provided GHG assertion against the principles of ISO 14064-1:2018 and ISO 14064-3:2006 in the period 07 March 2022 to 01 April 2022. The verification was based on the verification scope, objectives and criteria as agreed between MERRY and SGS on 28 January 2022.

Level of Assurance

The level of assurance for category 1 and category 2 agreed is that of reasonable assurance.

Scope

MERRY has commissioned an independent verification by SGS Taiwan of reported GHG emissions of MERRY arising from design and sales for dynamic telephone receiver, dynamic mylar speaker, battery pack, portable handsfree headset, dynamic microphone for communication, and bluetooth headset activities, to establish conformance with ISO 14064:2018 principles within the scope of the verification as outlined below.

This engagement covers verification of emission from anthropogenic sources of greenhouse gases included within the organization's boundary and is based on ISO 14064-3:2006.

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- Title or description activities: GHG verification for MERRY in year 2021
- Location/boundary of the activities:
 - No.22, 23 Rd., Taichung Industrial Park, Taichung, 408213, Taiwan (HEADQUARTER)
 - 15F, No.205-3, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City, 231631, Taiwan (TAIPEI OFFICE)
 - 7F-3, No.93, Shuiyuan St., East Dist., Hsinchu City, 300042, Taiwan (HSINCHU OFFICE)
- Physical infrastructure, activities, technologies and processes of the organization: Design and sales for dynamic telephone receiver, dynamic mylar speaker, battery pack, portable handsfree headset, dynamic microphone for communication, and bluetooth headset.
- GHG sources, sinks and/or reservoirs included: Sources as presented in the inventory spreadsheet provided by MERRY
- Types of GHGs included: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
- The IPCC 2021 AR6 GWP values are applied in this inventory.
- Emission factor:
 - Direct emissions: Greenhouse Gas Emission Factor Table (6.0.4), EPA.
 - Indirect emissions:
 - Electricity emission factor is 0.502 kgCO₂e/kwh (Announced by Bureau of Energy, Ministry of Economic Affairs in 2021).
 - The secondary database has Carbon Footprint Calculation Platform, Ecoinvent 3 database.
- Directed actions: NA
- GHG information for the following period was verified: 01 January 2021 to 31 December 2021
- The version of inventory sheet: HEADQUARTER-V3(20220509), HSINCHU OFFICE-V2(20220401), TAIPEI OFFICE-V2(20220331)
- The version of GHG assertion: HEADQUARTER-Rev.6.0(20220509), HSINCHU OFFICE-Rev.2.0(20220401), TAIPEI OFFICE-Rev.2.0(20220331)
- Intended user of the verification statement: Private

Objective

The purposes of this verification exercise are, by review of objective evidence, to independently review:

- Whether the GHG emissions are as declared by the organization's GHG assertion

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- The data reported are accurate, complete, consistent, transparent and free of material error or omission.

Criteria

Criteria against which the verification assessment is undertaken are the principles of ISO 14064-1:2018.

Materiality

The materiality required of the verification was considered by SGS to 5%, based on the needs of the intended user of the GHG Assertion.

Conclusion

MERRY provided the GHG assertion based on the requirements of ISO 14064-1: 2018. The GHG information for the period 01 January 2021 to 31 December 2021 disclosing emissions of 773.022 metric tonnes of CO₂ equivalent and 0.0000 metric tonnes of direct CO₂ emissions from the combustion of biomass are verified by SGS to a reasonable level of assurance, consistent with the agreed verification scope, objectives and criteria.

The emission of each site is described as below: Unit: tonnes of CO₂e

| Site | Direct emissions | Indirect emissions | Total GHG emissions |
|----------------|------------------|--------------------|---------------------|
| HEADQUARTER | 66.3761 | 527.3121 | 593.688 |
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SGS's approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions information and the controls in place to mitigate these. Our examination includes assessment, on a test basis, of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions.

We planned and performed our work to obtain the information, explanations, and evidence that we considered necessary to provide a reasonable level of assurance that the GHG emissions of category 1 and category 2 for the period 01 January 2021 to 31 December 2021 are fairly stated.

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We conducted our verification with regard to the GHG assertion of MERRY which included assessment of GHG information system, monitoring and reporting plan/protocol. This assessment included the collection of evidence supporting the reported data, and checking whether the provisions of the protocol reference, were consistently and appropriately applied.

In SGS's opinion the presented GHG assertion

- is materially correct and is a fair representation of the GHG data and information, and
- is prepared in accordance with ISO14064-1:2018 on GHG quantification, monitoring and reporting.

Confidentiality

The reports and attachments may contain relevantly confidential information of the clients. In addition to being submitted as governmental application or certification documents, the reports and attachments are not allowed to be edited, duplicated, or published without the clients' agreement in written form.

Avoidance of Conflict of Interest

The reports and attachments are completely complied with the standards and procedures that related-authorities established. The reports and attachments of auditing process are conduct with fairness and honesty. If not, the auditing institution not only has to bear the relevant compensation duties, but also to receive legal charge and punishment.

This statement shall be interpreted with the GHG assertion of MERRY as a whole.

Verifier Group

Above statements coincide with auditing process with fairness and impartiality, and aim at the emission of year 2021 of clients.

Lead Verifier:

Belinda Shih

Verifier:

Roya Lo



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Note: This Statement is issued, on behalf of Client, by SGS Taiwan Ltd. ("SGS") under its General Conditions for Greenhouse Gas Verification Services available at http://www.sgs.com/terms_and_conditions.htm. The findings recorded hereon are based upon an audit performed by SGS. A full copy of this statement, the findings and the supporting GHG Assertion may be consulted at MERRY ELECTRONICS CO., LTD., No.22, 23 Rd., Taichung Industrial Park, Taichung, 408213, Taiwan. This Statement does not relieve Client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its Client.