

# Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in year 2022 of

## SAN SHING FASTECH CORP.

1F., No. 355-6, Sec. 3, Zhongshan Rd., Guiren Dist.,  
Tainan City, Taiwan (R.O.C.)

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

### ISO 14064-1:2018

Direct emissions

**1,507.8876** tonnes of CO<sub>2</sub>e

Indirect emissions

**232,262.1792** tonnes of CO<sub>2</sub>e

Direct emissions and indirect emissions

**233,770.067** tonnes of CO<sub>2</sub>e



Authorized by

Stephen Pao

Knowledge Deputy General Manager

Date: 09 November 2023

Version 1

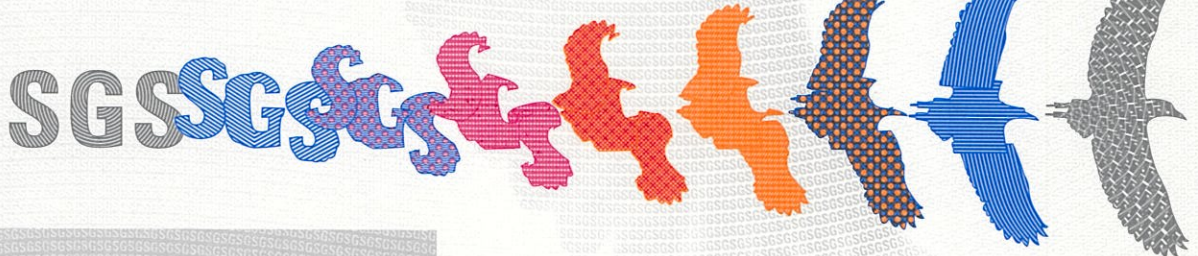
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Statement TW23/00561GG, continued

The emission of each category is described as below:

Unit: tonnes of CO<sub>2</sub>e

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.	1,507.8876
Indirect emissions	Imported energy This indirect GHG emissions is the organization's purchased electricity.	16,875.0198
	Transportation This indirect GHG emissions from upstream transport, employee commuting and business travel. For the category with the largest sales turnover of products, the emissions from the transportation of the top 80% of items by weight of direct materials are then pushed back to 100% of the emissions and the emissions from the transportation of the top 10 packaging materials by purchase amount.	1,240.9466
	Products used by an organization This indirect GHG emissions from purchased energy, direct materials and packaging materials and waste treatment. For the category with the largest sales turnover of products, the emissions from the transportation of the top 80% of items by weight of direct materials are then pushed back to 100% of the emissions and the emissions from the transportation of the top 10 packaging materials by purchase amount.	205,041.0550
	Associated with the use of products from the organization This GHG missions from the use of electricity, gasoline and diesel from downstream leased assets.	9,105.1578
	Other sources Undisclosed	NA
Direct emissions and indirect emissions		233,770.067

SGS has been contracted by SAN SHING FASTECH CORP. (hereinafter referred to as SAN SHING FASTECH”), 1F., No. 355-6, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.) for the verification of direct and indirect Greenhouse Gas emissions in accordance with

**ISO 14064-3:2006**

as provided by SAN SHING FASTECH CORP. (hereinafter referred to as “SAN SHING FASTECH”), 1F., No. 355-6, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.), in the GHG Assertion in the form of GHG report covering GHG emissions of the period 01 January 2022 to 31 December 2022.

**Roles and responsibilities**

The management of SAN SHING FASTECH 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 2022 to 31 December 2022.

SGS conducted a third-party verification of the provided GHG assertion against the principles of ISO 14064-1:2018, ISO 14064-3:2006 in the period 05 September 2023 to 21 September 2023. The verification was based on the verification scope, objectives and criteria as agreed between SAN SHING FASTECH and SGS on 19 January 2023.

**Level of Assurance**

The level of assurance for category 1 and category 2 agreed is that of reasonable assurance. Category 3 till category 6 agreed is that of limited assurance.

**Scope**

SAN SHING FASTECH has commissioned an independent verification by SGS Taiwan of reported GHG emissions of SAN SHING FASTECH arising from Manufacturing of nuts, screws and bolts. Design, manufacturing of production and inspection equipment for fasteners and parts. Manufacturing of tools for the production of fasteners and parts. activities, to establish conformance with ISO 14064:2018 principles within the scope of the verification as outlined below.

## Statement TW23/00561GG, continued

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.

- Title or description activities: GHG verification for SAN SHING FASTECH in year 2022
- Location/boundary of the activities:
  - Building A, No. 355-12, No. 355-13, No. 355-8, No. 355, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.)
  - No. 355-1, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.)
  - Building B, No. 355-12, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.)
  - No. 99, Ln. 28, Minsheng 8th St., Guiren Dist., Tainan City, Taiwan (R.O.C.)
  - No. 355-5, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.)
  - No. 33, Zhongshan 11th St., Guiren Dist., Tainan City, Taiwan (R.O.C.)
  - 1F., No. 355-6, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.)
- Physical infrastructure, activities, technologies and processes of the organization:
  - Manufacturing of nuts, screws and bolts.
  - Design, manufacturing of production and inspection equipment for fasteners and parts.
  - Manufacturing of tools for the production of fasteners and parts.
- GHG sources, sinks and/or reservoirs included: Sources as presented in the inventory spreadsheet provided by SAN SHING FASTECH
- Types of GHGs included: CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>, NF<sub>3</sub>
- The IPCC 2021 AR6 GWP values are applied in this inventory.
- Emission factor:
  - Direct emissions: Greenhouse Gas Emission Factor Table (6.0.4), **MOENV**.
  - Indirect emissions:
    - Electricity emission factor is 0.495 kgCO<sub>2</sub>e/kwh (Announced by **Energy Administration**, Ministry of Economic Affairs in 2023).
    - The secondary database has Carbon Footprint Information Platform and **Simapro 9.5.0.0**
- Directed actions: NA
- GHG information for the following period was verified: 01 January 2022 to 31 December 2022
- The version of inventory sheet: 2023.10.11, V5
- The version of GHG assertion: 2023.10.11, V5
- 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
- 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**

SAN SHING FASTECH provided the GHG assertion based on the requirements of ISO 14064-1: 2018. The GHG information for the period 01 January 2022 to 31 December 2022 disclosing emissions of 233,770.067 metric tonnes of CO<sub>2</sub> equivalent and 0.0000 metric tonnes of direct CO<sub>2</sub> 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 category is described as below:

Unit: tonnes of CO<sub>2</sub>e

Reporting Boundaries		Description	GHG Emissions
Inventory categories			
Direct emissions		This direct GHG emissions are the sum of owned or controlled by the organization within the organization.	1,507.8876
Indirect emissions	Imported energy	This indirect GHG emissions is the organization’s purchased electricity.	16,875.0198
	Transportation	This indirect GHG emissions from upstream transport, employee commuting and business travel. For the category with the largest sales turnover of products, the emissions from the transportation of the top 80% of items by weight of direct materials are then	1,240.9466

Statement TW23/00561GG, continued

		pushed back to 100% of the emissions and the emissions from the transportation of the top 10 packaging materials by purchase amount.	
	Products used by an organization	This indirect GHG emissions from purchased energy, direct materials and packaging materials and waste treatment. For the category with the largest sales turnover of products, the emissions from the transportation of the top 80% of items by weight of direct materials are then pushed back to 100% of the emissions and the emissions from the transportation of the top 10 packaging materials by purchase amount.	205,041.0550
	Associated with the use of products from the organization	This GHG missions from the use of electricity, gasoline and diesel from downstream leased assets.	9,105.1578
	Other sources	Undisclosed	NA
Direct emissions and indirect emissions			233,770.067

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, and limited level of assurance of category 3 till category 6 for the period 01 January 2022 to 31 December 2022 are fairly stated.

We conducted our verification with regard to the GHG assertion of SAN SHING FASTECH 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.

Statement TW23/00561GG, continued

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 SAN SHING FASTECH as a whole.

**Verifier Group**

Above statements coincide with auditing process with fairness and impartiality and aim at the emission of year 2022 of clients.

Lead Verifier: *John Chiang*

Verifier: *Steven Kuo* *Tender Hung*

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](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 SAN SHING FASTECH CORP., 1F., No. 355-6, Sec. 3, Zhongshan Rd., Guiren Dist., Tainan City, Taiwan (R.O.C.), 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.