

Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in year 2022 of

PANJIT International Inc.

No.24, Gangshan N. Rd., Gangshan Dist.,
Kaohsiung City 820115, 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

463.5023 tonnes of CO₂e

Indirect emissions

46,820.3239 tonnes of CO₂e

Direct emissions and indirect emissions

47,283.826 tonnes of CO₂e

Authorized by

Stephen Pao

Knowledge Deputy General Manager

Date: 12 October 2023

Version 1

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Statement TW23/00518GG, 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.	463.5023
Indirect emissions	Imported energy The indirect GHG emissions is the organization's purchased electricity.	24,548.0321
	Transportation Indirect GHG emissions from upstream raw material transportation, downstream product transportation, employee commuting, and business travel. <ul style="list-style-type: none"> ● Scope of upstream raw material transportation: Annual usage of raw materials, consumables, packaging materials, gas cylinders, and wastewater treatment chemicals related to the production of all products (including chips and non-chips) in 2022, as well as capital goods (machinery and molds that are included in the property account with a purchase amount of more than NT\$80,000). ● Scope of downstream product transportation: Shipping status of all products shipped in 2022. ● Employee commuting: Bus, train, car, subway, electric scooter, scooter. ● Business travel: Car, high-speed rail, subway, taxi, train, plane. 	2,296.3636
	Products used by an organization Indirect GHG emissions from the organization's procurement of raw material extraction, capital goods procurement, and waste disposal. <ul style="list-style-type: none"> ● Scope of procurement of raw materials and capital goods for this round of review: fuel and energy used in the company; annual usage of raw materials, consumables, packaging materials, gas 	19,975.9282

Statement TW23/00518GG, continued

	<p>cylinders, and wastewater treatment chemicals related to the production of all products (including chips and non-chips) in 2022; machinery and molds that are included in the property account with a purchase amount of more than NT\$80,000 in 2022.</p> <ul style="list-style-type: none"> ● Scope of waste disposal for review: incineration, physical treatment, and recycling. 	
Associated with the use of products from the organization	Unquantified	-
Other sources	Unquantified	-
Direct emissions and indirect emissions		47,283.826

SGS has been contracted by PANJIT International Inc. (hereinafter referred to as “PANJIT”), No.24, Gangshan N. Rd., Gangshan Dist., Kaohsiung City 820115, Taiwan (R.O.C.) for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2006

as provided by PANJIT International Inc. hereinafter referred to as (“PANJIT”), No.24&34, Gangshan N. Rd., Gangshan Dist., Kaohsiung City 820115, 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 PANJIT 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 07 August 2023 to 30 August 2023. The verification was based on the verification scope, objectives and criteria as agreed between PANJIT International Inc. and SGS on 29 December 2022.

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.

PANJIT International Inc. has commissioned an independent verification by SGS Taiwan of reported GHG emissions of PANJIT arising from Vertically integrated with IDM design capability, own wafer foundries and production lines and launch lowprofile Products and accurate power rating devices which conforms activities, to establish conformance with ISO 14064:2018 principles within the scope of the verification as outlined below.

Statement TW23/00518GG, 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 PANJIT in year 2022
- Location/boundary of the activities:
 - No.24&34, Gangshan N. Rd., Gangshan Dist., Kaohsiung City 820115, Taiwan (R.O.C.)
- Physical infrastructure, activities, technologies and processes of the organization: Vertically integrated with IDM design capability, own wafer foundries and production lines and launch lowprofile Products and accurate power rating devices which conforms
- GHG sources, sinks and/or reservoirs included: Sources as presented in the inventory spreadsheet provided by PANJIT
- 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 0.495 kgCO₂e/kwh (Announced by Bureau of Energy, Ministry of Economic Affairs in 2023).
 - The secondary database has Carbon Footprint Information Platform, Carbon Footprint of High Speed Rail Transportation Service ,Simpro 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: 20230830
- The version of GHG assertion: 20230830
- 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.

Statement TW23/00518GG, continued

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

PANJIT provided the GHG assertion based on the requirements of ISO14064-1: 2018. The GHG information for the period 01 January 2022 to 31 December 2022 disclosing emissions of 47,283.826 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 category is described as below:

Unit: tonnes of CO₂e

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.	463.5023
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Statement TW23/00518GG, continued

	<ul style="list-style-type: none"> ● Scope of downstream product transportation: Shipping status of all products shipped in 2022. ● Employee commuting: Bus, train, car, subway, electric scooter, scooter. ● Business travel: Car, high-speed rail, subway, taxi, train, plane. 	
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Associated with the use of products from the organization	Unquantified	-
Other sources	Unquantified	-
Direct emissions and indirect emissions		47,283.826

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.

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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 PANJIT 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 PANJIT 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.

Statement TW23/00518GG, continued

Lead Verifier:

Caral Chen

Verifier:

Ocean Wu

Tender Hung

kyle Tang

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 PANJIT International Inc., No.24, Gangshan N. Rd., Gangshan Dist., Kaohsiung City 820115, 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.

This Statement is not valid without the full verification scope, objectives, criteria and findings available on the Statement.