Statement TH22/00000315GG

Greenhouse Gas Verification Statement

The inventory of Greenhouse Gas emissions in year 2024 of

TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD.

55/5 Moo 5, Sam Bandit, Uthai, Phra Nakhon Si Ayutthaya 13210, Thailand

has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of

ISO 14064-1:2018

Direct Emissions [Category 1]
1,988.80 tonnes of CO2e
Indirect Emissions from Imported Energy [Category 2 location based]
6,126.83 tonnes of CO2e
Indirect emissions [Category 3,4,5,6]
37,827.52 tonnes of CO2e
Total Emissions Quantified
45,943.15 tonnes of CO2e

Authorized by

Montree Tangtermsirikul
General Manager
Date: 20 March 2025

SGS 14064-1
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This Statement is not valid without the full verification scope, objectives, criteria and findings available on pages 2 to 5 this Statement.

SGS has been contracted by TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD., 55/5 Moo 5, Sam Bandit, Uthai, Phra Nakhon Si Ayutthaya 13210, Thailand for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2019

as provided by TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD., 55/5 Moo 5, Sam Bandit, Uthai, Phra Nakhon Si Ayutthaya 13210, Thailand in the GHG Assertion in the form of GHG report covering GHG emissions of the period 01 January 2024 to 31 December 2024.

Roles and responsibilities

The management of TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD. 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 2024 to 31 December 2024.

SGS conducted a third-party verification of the provided GHG assertion against the principles of ISO 14064-1:2018, ISO 14064-3:2019 in the period 01 January 2024 to 31 December 2024.
The verification was based on the verification scope, objectives and criteria as agreed TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD. between and SGS on 09 September 2024.

Level of Assurance

The level of assurance agreed is that of **limited** assurance.

Scope

TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD. has commissioned an independent verification by SGS Thailand of reported GHG emissions of TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD. arising from The Research, Development and Manufacture of Seaweed Snacks. 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 14064-3:2019.

- The organizational boundary was established following operational control approach.

- Title or description activities: GHG verification for TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD. in year 2024.
- Location/boundary of the activities:
    - 55/5 Moo 5, Sam Bandit, Uthai, Phra Nakhon Si Ayutthaya 13210, Thailand
- Physical infrastructure, activities, technologies and processes of the organization: The Research, Development and Manufacture of Seaweed Snacks.
- GHG sources, sinks and/or reservoirs included: Sources as presented in the inventory spreadsheet provided by TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD.
- Types of GHGs included: CO_2, CH_4, N_2O, HFCs, PFCs, SF_6, NF3.
- The IPCC 2021 AR6 GWP values are applied in this inventory.
- Electricity emission factor: 0.4999 kgCO_2e/kwh
  (Announced by Thailand Greenhouse Gas Management Organization in 2022)
- Directed actions: NA
- GHG information for the following period was verified: 01 January 2024 to 31 December 2024
- The version of inventory sheet: 02. Calculation ISO14064-1_2024 Rev.01
- The version of GHG assertion: 01. Report ISO14064-1_ 2024 Rev.01
- 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.

Verification approach

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 of evidence relevant to the amounts and disclosures in relation to the organization's reported GHG emissions.

We plan and perform our work to obtain the information, explanations and evidence that we considered necessary to provide a limited level of assurance that the GHG emissions for the REPORT PERIOD are fairly stated.

We conduct our verification with regard to the GHG statement of GHG Report of the RESPONSIBLE PARTY which includes assessment of GHG information system and reporting plan/protocol. This assessment includes the collection of evidence supporting the reported data, and checking whether the provisions of the protocol reference, are consistently and appropriately applied.

Verification opinion conclusion

The RESPONSIBLE PARTY provided the GHG statement based on the requirements of ISO 14064-1:2018 that total emission 45,943.15 tonnes of CO2e in the organization boundary for the REPORT PERIOD.

The verification opinion as below is issued by SGS after an independent verification for RESPONSIBLE PARTY's GHG statement base on agreed limited assurance:

☒Unmodified

The GHG statement submitted by RESPONSIBLE PARTY is prepared in accordance with ISO 14064-1:2018 on GHG quantification and reporting, is a fair representation materially, the GHG data and information in statement are explicit and supported by adequacy and appropriate evidence.

☐Modified

The GHG statement submitted by RESPONSIBLE PARTY has no material misstatement, however has some deficiencies which will prevent the issuance of unmodified verification opinion.

☐Adverse opinion

The GHG statement submitted by RESPONSIBLE PARTY：

- has no material misstatement or
- there is insufficient or inappropriate evidence to support an unmodified or modified opinion.

☐Disclaiming the issuance of an opinion

It is unable to obtain sufficient and appropriate objective evidence to form an opinion as to whether the GHG statement submitted is presented fairly in accordance with ISO 14064-1:2018

This statement shall be interpreted with the GHG statement of GHG Report of the RESPONSIBLE PARTY as a whole.

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 TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD. as a whole.

Verifier Group

Above statements coincide with auditing process with fairness and impartiality and aim at the emission of year 2024 of clients.

Lead Verifier:

Note: This statement is issued, on behalf of Client, by SGS (Thailand) Ltd. ("SGS") under its General Conditions for Greenhouse Gas Verification Services available at https://www.sgs.com/en/terms-and-conditions. The findings recorded here on are based upon an verification performed by SGS. A full copy of this statement, the findings and the supporting GHG Assertion may be consulted at TAOKAENOI FOOD & MARKETING PUBLIC CO., LTD., 55/5 Moo 5, Sam Bandit, Uthai, Phra Nakhon Si Ayutthaya 13210, Thailand. This statement does noy relieve client from compliance with any bylaws, federal, national or regional acts and regulations. Stipulations to the contrary are not binding on SGS and SGS shall have no responsibility vis-à-vis parties other than its client.