

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2023 of
FLYTECH TECHNOLOGY CO., LTD.

No. 168, Sing-ai Rd., Neihu District, Taipei City 11494, Taiwan, R.O.C.
No. 36, Huaya 3rd Rd., Guishan District, Taoyuan City 333411, Taiwan, R.O.C.



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

ISO 14064-1:2018

Direct emissions
169.0263 tonnes of CO₂e
Indirect emissions
2,063.8452 tonnes of CO₂e
Direct emissions and indirect emissions
2,232.871 tonnes of CO₂e

Authorized by

Stephen Pao
Business Assurance Director

Date: 29 December 2024

Version 1

TGP56B-15-1 2404
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The emission of each category is described as below:

Unit: tonnes of CO₂e

Reporting Boundaries		Description	GHG Emissions
Inventory categories			
Direct emissions		Direct emissions from stationary combustion	3.1436
		Direct emissions from mobile combustion	3.4218
		Direct process emissions and removals from industrial processes	1.1405
		Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	161.3204
		Direct emissions and removals from land use, land use change and forestry	0.0000
Indirect emissions	Imported energy	Imported electricity	1,480.8610
	Transportation	- Upstream transport and distribution for goods,	279.5110
		- Downstream transport and distribution for goods,	
		- Employee commuting,	
		- Business travel	
Products used by an organization	- Purchased goods - imported electricity, paper	303.4732	
	- Disposal of solid and liquid waste		
Associated with the use of products from the organization	-	-	
Other sources	-	-	
Direct emissions and indirect emissions			2,232.871

SGS has been contracted by FLYTECH TECHNOLOGY CO., LTD. (hereinafter referred to as “FLYTECH”), NO. 168, SING-AI RD., NEIHU DISTRICT, TAIPEI CITY 11494, TAIWAN, R.O.C. for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2019

as provided by FLYTECH TECHNOLOGY CO., LTD. (hereinafter referred to as “FLYTECH”), NO. 168, SING-AI RD., NEIHU DISTRICT, TAIPEI CITY 11494, TAIWAN, R.O.C., in the GHG Statement in the form of GHG report.

Roles and responsibilities

- The management of FLYTECH 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.
- The verification was based on the verification scope, objectives and criteria as agreed between FLYTECH and SGS on 24 April 2023.
- Verification Criteria: ISO 14064-1:2018
- Verification Period: 02 September 2024 to 24 September 2024.

Scope

- GHG information for the following period was verified: 01 January 2023 to 31 December 2023
- Location/boundary of the activities:
 - No. 168, Sing-ai Rd., Neihu District, Taipei City 11494, Taiwan, R.O.C.
 - No. 36, Huaya 3rd Rd., Guishan District, Taoyuan City 333411, Taiwan, R.O.C
- 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),
 - Indirect emissions:
 - Electricity emission factor is 0.494 kgCO₂e/kwh (Announced by Energy Administration, Ministry of Economic Affairs in 2024).
 - The secondary database has Carbon Footprint Information Platform, CARBON EMISSIONS CALCULATOR, Taipei Metro CSR Report 2015, Energy Administration of Ministry of Economic Affairs.

- 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.
- Materiality : 5%
- The version of inventory sheet: 3.0
- The version of GHG Report: 3.0
- Intended user of the verification opinion: Private purpose

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

Conclusion

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 the GHG emissions are free from material misstatement.

- The greenhouse gas emissions is 2,232.871 metric tonnes of CO₂ equivalent
- The emissions from the combustion of biomass is 0.0000 metric tonnes of CO₂ equivalent

The emission of each category is described as below:

Unit: tonnes of CO₂e

Reporting Boundaries		GHG Emissions
Inventory categories	Description	
Direct emissions	Direct emissions from stationary combustion	3.1436
	Direct emissions from mobile combustion	3.4218
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	Direct emissions and removals from land use, land use change and forestry	0.0000

Indirect emissions	Imported energy	Imported electricity	1,480.8610
	Transportation	- Upstream transport and distribution for goods, - Downstream transport and distribution for goods, - Employee commuting, Business travel	279.5110
	Products used by an organization	- Purchased goods - imported electricity, paper Disposal of solid and liquid waste	303.4732
	Associated with the use of products from the organization	-	-
	Other sources	-	-
Direct emissions and indirect emissions			2,232.871

- The opinion of SGS is modified in accordance with the following described circumstances.
 - The verifier has sufficient and appropriate evidence to support the material emissions, removals, or storage.
 - The verifier applies appropriate criteria for the material emissions, removals, or storage.
 - When the verifier intends to rely on relevant controls, the effectiveness of those controls has been assessed.
 - The verifier, applying the ISO 14064-1:2018 standard, presents the following findings. After adjustments and corrections, no material errors were identified.
 - Several activity data were filled in incorrectly in the inventory and the emission factors were quoted incorrectly. The organization have been corrected the verification findings to conform its accuracy.
- Retention Limitation:NA

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 opinion shall be interpreted with the GHG Report of FLYTECH as a whole.

Verifier Group

Above opinions coincide with auditing process with fairness and impartiality and aim at the emission of year 2023 of clients.

Lead Verifier:

Sunny Chung

Verifier:

William Li

Note: This opinion 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 opinion, the findings and the supporting GHG Assertion may be consulted at FLYTECH TECHNOLOGY CO., LTD, No. 168, Sing-ai Rd., Neihu District, Taipei City 11494, Taiwan, R.O.C., This opinion 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.