

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2023 of
China General Plastics Corporation

12th Floor, No. 37, Jihu Road, Neihsu District, Taipei City, 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

29,665.9275 tonnes of CO₂e

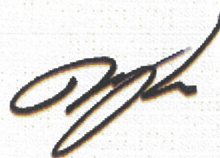
Indirect emissions

483,908.3408 tonnes of CO₂e

Direct emissions and indirect emissions

513,574.268 tonnes of CO₂e

Authorized by



Stephen Pao

Business Assurance Director

Date: 09 May 2024

Version 1

TGP56B-15-1 2401

SGS Taiwan Ltd.

No. 136-1, Wu Kung Road, New Taipei Industrial Park, Wu Ku District,
New Taipei City 24803, Taiwan

t (02) 22993279 f (02)22999453 www.sgs.com



Opinion TW24/00262GG, continued

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	28,767.6270
		Direct emissions from mobile combustion	341.0237
		Direct process emissions and removals from industrial processes	0.7473
		Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	556.5295
		Direct emissions and removals from land use, land use change and forestry	0.0000
Indirect emissions	Imported energy	Electricity	75,232.6445
	Transportation	1.Upstream transport includes land transport and shipping. 2.Downstream transport includes land transport and shipping. 3.Employee commuting includes by car, motorbike, train, bus and MRT. 4.Business travel includes by car, bus, airplane, MRT and high speed railway	15,000.4438
	Products used by an organization	1.Purchased goods includes electricity production, tap water, gasoline, diesel, natural gas, NPG, VCM, and solar salt. 2. Services used includes waste disposal, waste removal, and drain water treatment.	393,675.2525
	Associated with the use of products from the organization	Not significant.	NA
	Other sources	Not significant.	NA
Direct emissions and indirect emissions			513,574.268

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Indirect emissions		Total GHG emissions
	Category 1	Category 2	Category 3~6	
Toufen Plant	29,654.5566	75,194.7657	408,658.5548	513,507.877
Taipei Head Office	6.1140	24.1540	17.1403	47.408
CGPC (BVI) Holding Co., Ltd	0.0000	0.0000	0.0000	0.000
CGPC America Corporation	5.2569	13.7248	0.0012	18.983
CGPC (ZS)	0.0000	0.0000	0.0000	0.000

SGS, No. 136-1, Wu Kung Road, New Taipei Industrial Park, Wu Ku District, New Taipei City 24803, Taiwan, has been contracted by China General Plastics Corporation Toufen Plant (hereinafter referred to as "CGPC Toufen Plant"), No.571, Minzu Rd., Toufen City, Miaoli County 351, Taiwan (R.O.C.), for the verification of direct and indirect Greenhouse Gas emissions in accordance with

ISO 14064-3:2019

as provided by China General Plastics Corporation (hereinafter referred to as "CGPC"), 12th Floor, No. 37, Jihu Road, Neihu District, Taipei City, Taiwan (R.O.C.), in the GHG Statement in the form of GHG report.

Roles and responsibilities

- The management of CGPC 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 CGPC and SGS on 21 December 2023.
- Verification Criteria: ISO 14064-1:2018, ISO 14064-3:2019
- Verification Period: 16 February 2024 to 12 March 2024.

Scope

- GHG information for the following period was verified: 01 January 2023 to 31 December 2023
- Location/boundary of the activities:
 - No.571, Minzu Rd., Toufen City, Miaoli County 351, Taiwan (R.O.C.)
 - 12th Floor, No. 37, Jihu Road, Neihu District, Taipei City
 - 4 Latitude Way, Suite 108, Corona, CA 92881, USA
 - Citco Bulding, Wickhams Cay, P.O. Box 662, Road Town, Tortola, British Virgin Islands
 - No.1, Yanjiang East 2nd Rd., Zhongshan Torch Hi-tech Industrial Development Zone, Zhongshan City, Guangdong Province 528437, China
- Types of GHGs included: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
- The IPCC 2021 AR6 GWP values are applied in this inventory.

Opinion TW24/00262GG, continued

- Emission factor:
 - Direct emissions: Greenhouse Gas Emission Inventory Operation Guideline (2022.05).
 - Indirect emissions:
 - Electricity emission factor is 0.495 kgCO₂e/kwh (Announced by Energy Administration, Ministry of Economic Affairs in 2023).
 - The secondary database has Carbon Footprint Information Platform, SIMAPRO 9.5.0.0 database, Product Carbon footprint form Supplier · Greenhouse Gas Equivalencies Calculator(US EPA) · California Air Resources Board
- The level of assurance agreed is limited assurance.
- Materiality : 5%
- The version of inventory sheet: 240429
- The version of GHG statement: 1130429
- Intended user of the verification opinion: 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 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 are 513,574.268 metric tonnes of CO₂ equivalent
- The emissions from the combustion of biomass are 0.0000 metric tonnes of CO₂ equivalent

Opinion TW24/00262GG, continued

The emission of each site is described as below:

Unit: tonnes of CO₂e

Site	Direct emissions	Indirect emissions		Total GHG emissions
	Category 1	Category 2	Category 3~6	
Toufen Plant	29,654.5566	75,194.7657	408,658.5548	513,507.877
Taipei Head Office	6.1140	24.1540	17.1403	47.408
CGPC (BVI) Holding Co., Ltd	0.0000	0.0000	0.0000	0.000
CGPC America Corporation	5.2569	13.7248	0.0012	18.983
CGPC (ZS)	0.0000	0.0000	0.0000	0.000

- 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.
 - The activity data shall be measured and calculated according to the operational records, such as emergency generator oil usage records, monthly electricity bill of dormitory.
 - The explanation about the Taipei Head office and overseas locations shall be provided in the organizational structure section of the report.
 - For dormitory electricity usage, please calculate the annual allocation based on the number of days in the billing cycle.
- Retention Limitation: None

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 statement of CGPC 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:

Wayne Huang

Verifier:

Rex Lee

Elwin Kuo

William Li

Victor Tseng

Black Leao

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 China General Plastics Corporation, 12F., No. 37, Jihu Rd., Neihsu Dist., Taipei City, 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.