

Greenhouse Gas Verification Statement Number
TH-ENV-2021-5001240-001

The inventory of Greenhouse Gas emission in period
 January 01, 2020 – December 31, 2020 of

QTC Energy Public Company Limited

(Factory) 149 Moo 2, Tambol Mabyangporn, Amphur Pluakdeang,
 Rayong, 21140, THAILAND.

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

Carbon Footprint for Organization
by Thailand Greenhouse Gas Management
Organization (CFO by TGO)

Scope1 (Direct GHG Emission) = 276 tCO₂e
 Scope2 (Indirect GHG Emission : Electricity) = 745 tCO₂e
 Scope3 Other Emission (Paper & Cloth : LCI) = 55 tCO₂e

For the following activities:

The manufacturing of transformers.

The organizational boundary was established following operational control approach
 and The operational boundary was established cover anthropogenic sources cause
 direct and indirect emissions.

Authorised by



Amnat Pisutsin
 General Manager, SGS (Thailand) Limited
 Date :02/03/2021

SGS (Thailand) Limited, 100 Nanglinchee Road, Chongnonsi, Yarnawa, Bangkok, 10120, THAILAND
 This Statement is not valid without the full verification scope, objectives, criteria and findings available on
 pages 2 to 4 of this Statement.

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Schedule Accompanying Greenhouse Gas Verification Statement TH-ENV-2021-5001240-001

Brief Description of Verification Process

SGS has been contracted by QTC Energy Public Company Limited (hereinafter referred to as "QTC", for the verification of direct and indirect Greenhouse Gas Emission in accordance with:

Carbon Footprint for Organization by Thailand Greenhouse Gas Management Organization (CFO by TGO)

as provided by QTC in their Greenhouse Gas (GHG) Assertion covering GHG emissions of the period January 01, 2020 – December 31, 2020.

Roles and responsibilities

The management of QTC 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' responsibility to express an independent GHG verification opinion on the GHG emissions as provided in the GHG Assertion for the period January 01, 2020 – December 31, 2020.

SGS conducted a third party verification of the provided GHG assertion against the principles of Carbon Footprint for Organization by Thailand Greenhouse Gas Management Organization (CFO by TGO) and ISO 14064-3: 2006

The verification was based on the verification scope, objectives and criteria as agreed between QTC and SGS on 15th December, 2020

Level of Assurance

The level of assurance agreed is that of limited assurance

Scope

QTC has commissioned an independent verification by SGS of reported GHG emissions of QTC arising from the manufacturing of transformers and associated activities, to establish conformance with ISO 14064-1 principles within the scope of the verification as outlined below

This engagement covers verification of emission from anthropogenic sources of greenhouse gases included within organization's boundary and is based on ISO 14064-3:2006.

Title or description activities:

- The organizational boundary was established following operational control approach.
- Title or description activities: The manufacturing of transformers.
- Physical infrastructure, activities, technologies and processes of the organization:
The manufacturing of transformers and associated activities
- GHG sources, sinks and/or reservoirs included: Only GHG sources, as presented in the inventory spreadsheet provided by QTC.
- Types of GHGs included: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃
GHG information for the following period was verified: January 01, 2020 – December 31, 2020.
- Intended user of the verification statement: Client internal use and communicate to stakeholder

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 and Carbon Footprint for Organization by Thailand Greenhouse Gas Management Organization (CFO by TGO)

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

QTC provided the GHG Assertion based on the requirements of
Carbon Footprint for Organization
by Thailand Greenhouse Gas Management Organization (CFO by TGO)

The GHG information for the period January 01, 2020
to December 31, 2020 disclosing emissions of 1,021 metric tonnes of CO₂
equivalent
(Summation of emission Scope1 and Scope 2)

Scope1 (Direct GHG Emission) = 276 tCO₂e
Scope2 (Indirect GHG Emission : Electricity) = 745 tCO₂e
Scope3 Other Emission = 55 tCO₂e

are verified by SGS to a limited level of assurance, consistent with the agreed
verification scope, objectives and criteria.

SGS' approach is risk-based, drawing on an understanding of the risks associated
with modeling GHG emission information and the controls in place to mitigate these
risks. Our examination included assessment, on a sample basis, of evidence
relevant to the reporting of emission information.

We planned and performed 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 period
January 01, 2020 to December 31, 2020 are fairly stated.

Based on the process and procedures conducted, there is no evidence that the
GHG assertion
— is not materially correct and is not a fair representation of GHG data and
information, and
— has not been prepared in accordance with the related International Standard
on GHG quantification, monitoring and reporting, or to relevant national standards
or practices.

We conducted our verification with regard to the GHG Assertion of QTC 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.

This statement shall be interpreted with the GHG Assertion of the inventory
spreadsheet provided by QTC as a whole.

Note: This Statement is issued, on behalf of Client, by SGS (Thailand) Limited
("SGS") under its General Conditions for GHG Validation and Verification Services available at
http://www.climatechange.sgs.com/terms_and_conditions_climatechange. 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 **QTC Energy Public Company Limited 149 Moo 2, Tambol
Mabyangporm, Amphur Pluakdeang, Rayong, 21140, THAILAND**. This Statement does not relieve
Client from compliance with any by laws, 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.