

Independent Verification Opinion

Verification Opinion No.:
C803884-2024-AG-TWN-TAF

Issued Place and Date:
Taipei, 04 September, 2025

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This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2024) of

Achem Technology Corporation - Yangmei Feb 2

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by Achem Technology Corporation - Yangmei Feb 2 (hereafter "the Organization") to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2024) (hereafter the "Inventory Report") in Taiwan, R.O.C. with respect to the sites listed as below.

Site	Address
Achem Technology Corporation - Yangmei Feb 2	No. 18, Ln. 199, Sec. 2, Minfu Rd., Yangmei Dist., Taoyuan City, Taiwan(R.O.C.)

The Reporting Boundary for the verification including direct GHG emissions and removals, indirect GHG emissions from imported energy. The further descriptions for the Reporting Boundary listed in Appendix A.

Verification Criteria and GHG Programme

The verification was performed on the basis of ISO 14064-1:2018, CNS 14064-1:2021 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting. The verification was conducted in accordance with ISO 14066:2023, ISO 14065:2020, ISO14064-3:2019.

Verification Opinion

It is DNV's opinion that the Inventory Report (2024), which was published on August 28, 2025, is free from material discrepancies in accordance with the verification criteria identified as stated above. The opinion is decided based on the following approaches,

- For the Direct (Category 1) GHG emissions and Indirect GHG emissions from imported energy (Category 2), the reliability of the information within the Inventory Report (2024) was verified with reasonable level of assurance.

GHG Verifier :
Elsie Huang

Elsie Huang



For the issuing office:
DNV Business Assurance Co., Ltd.

David White

Management Representative

The Appendix forms an integral part of this Certificate, which shall be invalid when used without the Appendix.

Lack of fulfilment of conditions as set out in the Verification Agreement may render this Verification invalid. This Verification Opinion is based on the information made available to us and the engagement conditions detailed above. Hence, DNV cannot guarantee the accuracy or correctness of the information. DNV cannot be held liable by any party relying or acting upon this Verification Opinion.

The issuing office : 29Fl., No. 293, Sec. 2, Wenhua Rd., Banqiao District, New Taipei City 220, Taiwan Tel.: +886-2-82537800. <https://www.dnv.com/tw/>
DNV ZNATW-OP-F84, Rev.0, 2025-03

Supplement to Verification Opinion

Process and Methodology

The reviews of the Inventory Report and relevant documents, and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria.

Quantification of Greenhouse Gas Emission

The Inventory Report covering the period 1st January, 2024 to 31st December, 2024, it is DNV's opinion that GHG emissions and removals identified within the Reporting Boundary has been included in the Inventory Report as claimed in accordance with the verification criteria identified as stated above, and results in quantification of GHG emissions that are real, transparent and measurable.

Organizational Boundary of Verification

☐ Financial Management Control; ☒ Operational Management Control; ☐ Equity Share

GHGs Verified

☒ CO₂ ☒ CH₄ ☒ N₂O ☒ HFC_s ☒ PFC_s ☒ SF₆ ☒ NF₃

Quantification of Emissions (in tonnes CO₂e)

The Global Warming Potential (GWP) defined in IPCC AR5(2013) has been chosen and correctly referred by the Organization.

Category	Emission(ton CO ₂ e)
1: Direct emissions	1902.0325
2: Imported energy indirect emissions*	4252.2658

(*The Imported Energy Indirect Emissions was calculated based on 2024 electricity emission factor of 0.474 kg CO₂e/kwh, which was announced by Energy Administration, Ministry of Economic Affairs.)

Type of Opinion

☒ unmodified ☐ modified ☐ adverse

APENDIX A

The Reporting Boundary of Achem Technology Corporation - Yangmei Feb 2 Greenhouse Gas Inventory Management Report (2024)

Category	Reporting Boundary
Direct GHG emissions and removals	Mainly from fuel consumption, other GHG sources or sinks inside organizational boundaries and that are owned or controlled by the organization.
Indirect GHG emissions from imported energy	The amount of greenhouse gas emissions produced by the input of electricity and energy.
The scope of other indirect emissions (other than Imported Energy with specified/limited list of sources) was defined by the Organization's own pre-determined criteria for significance of indirect emissions, considering the intended use of the GHG inventory.	

