

Certificate

Inventory Standard **ISO 14064-1:2018**
Certificate Registr. No. **CF 50591163 2501**
Report No. **48274894 001**

Certificate Holder: **Arcadyan Technology Corporation**
No.8, Sec.2, Guangfu Rd., Hsinchu City 300, Taiwan
Including the sites according to annex

Validation & Verification Site:

Validation & Verification Body: **TÜV Rheinland Taiwan Ltd.**

Validation & Verification Standard: **ISO 14064-3:2019**

Base year: - 2024 (2024.01.01~2024.12.31)

Validation & Verification year: - 2024 (2024.01.01~2024.12.31)

Programme: - Voluntary GHG scheme

Level of Assurance: - Reasonable

Consolidation methodology: - Operational Control

Materiality: - 5%

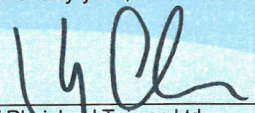
Type of Greenhouse Gases: - CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃

Validation & Verification Scope: Based on the information we have received and evaluated that:

- Global warming potential (GWP): IPCC 2021, AR6
- The total carbon emission is 3,047,663.772 tonnes CO₂ equivalent (tCO₂e)
- Category 1 Direct emission is 316.2661 tCO₂e
- Category 2 Indirect Imported energy emission is 23,262.7166 tCO₂e
- Category 3 Indirect Transportation emission is not quantified
- Category 4 Indirect Products used by organization emission is 207,066.1227 tCO₂e
- Category 5 Indirect Associated with the use of products from the organization emission is 2,817,018.6670 tCO₂e
- Category 6 Indirect Other sources emission is not quantified
- Data and information
 - Historical in nature: Category 1 / 2
 - Historical in nature with scenario models: 4 / 5
- Purchased: Renewable energy 12,815 MWh

Validity: This certificate only reviewed the emissions data of inventory year, this certificate is not for the management systems certification.

2025-06-17


TÜV Rheinland Taiwan Ltd.
11F., No. 758, Sec. 4, Bade Rd., Taipei
105, Taiwan

This verification and validation is based on the information made available to TÜV Rheinland and the engagement conditions detailed above. Therefore, TÜV Rheinland cannot guarantee the accuracy or correctness of this information. TÜV Rheinland cannot be held liable by any party relying or acting upon this verification and validation

Annex to certificate

Inventory Standard **ISO 14064-1:2018**

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Report No. **48274894 001**

Validation & Verification Site:

- Arcadyan Technology Corporation
No.8, Sec.2, Guangfu Rd., Hsinchu City 300044, Taiwan
- Tatung Technology Corporation
4F., No.70, Ruiguang Rd., Neihu District, Taipei City 114009, Taiwan
- Renbaowang Road Information (Kunshan) Co., Ltd.
526 NanBang RD., Economic & Technical Development Zone, Kunshan., JiangSu, China
- Arcadyan Technology (Vietnam) Co., Ltd.
Lot D4-5-6, Thang Long Vinh Phuc Industrial Park, Thien Ke Commune, Binh Xuyen District, Vinh Phuc Province, Vietnam
- Arcadyan Technology Corporation (Shanghai)
Room 1503, 15F, bld 20#, NO.487, TianLin Rd, Xuhui District, Shanghai, China
- Compal Networking (KunShan) Co., Ltd., Guangzhou Branch
No.103, Building A, No.89 Zhongshan Avenue West, Tianhe District, Guangzhou, China

Verification Method:

- Site visit, Remote audit, Interview, confirm operational behavior and procedures, Evaluation of ownership, Data and information aggregation process, trail, sampling, Control and estimate testing, Analytical procedures between production and emissions, Re-calculation and document review

Verification opinions:

- Reasonable Assurance
- Modified opinion
 - there is sufficient and appropriate evidence to support material emissions, removals or storage;
 - the criteria are applied appropriately for material emissions, removals or storage;
 - the effectiveness of controls has been evaluated when the verifier intends to rely on those controls.
 - modified procedures, calculation methods, data, factors or documents, there are have insignificant impact on materiality, intended users' understanding of GHG claims, modified (Please refer to the finding report for the detail revised items)
 - Calculation methods, Data, Factors, Documents