

Certificate

Inventory Standard **ISO 14064-1:2018**
Certificate Registr. No. **CF 50591163 0002**
Report No. **48244596 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: - 2022 (2022.01.01~2022.12.31)

Validation & Verification year: - 2023 (2023.01.01~2023.12.31)

Programme: - Voluntary GHG scheme

Level of Assurance: - Reasonable

Consolidation methodology: - Operational Control

Materiality: - 5%

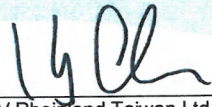
Type of Greenhouse Gases: - CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃

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 3,332,662.131 tonnes CO₂ equivalent (tCO₂e)
- Category 1 Direct emission is 732.0932 tCO₂e
- Category 2 Indirect Imported energy emission is 27,296.4091 tCO₂e
- Category 3 Indirect Transportation emission is not quantified
- Category 4 Indirect Products used by organization emission is 350,838.1680 tCO₂e
- Category 5 Indirect Associated with the use of products from the organization emission is 2,953,795.4610 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 5,500 MWh

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

2024-06-22


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