

# 证书

盘查标准

ISO 14064-1:2018

证书登记号码

CF 50632258 0001

报告号码

48246707 002

证书持有者:

元山科技工业股份有限公司

台湾 81449 高雄市仁武区凤仁路 329 号

审定与核查机构:

所包括场址已列于证书附件上

确证与查证机构:

台湾德国莱茵技术监护顾问股份有限公司

审定与核查标准:

ISO 14064-3:2019

基准年:

- 2023 (2023.01.01~2023.12.31)

审定与核查年度:

- 2023 (2023.01.01~2023.12.31)

方案:

- 自愿性温室气体方案

核查保证等级:

- 合理保证

汇总方法:

- 营运控制权法

实质性:

- 5%

温室气体种类:

- CO<sub>2</sub>、CH<sub>4</sub>、N<sub>2</sub>O、HFCs、PFCs、SF<sub>6</sub>、NF<sub>3</sub>

审定与核查范围:

基于取得的资讯进行评估之结论:

- 全球暖化潜势(GWP): IPCC 2021, AR6

- 碳排放总量为 657.269 吨二氧化碳当量(tCO<sub>2</sub>e)

- 类别一 直接排放为 6.3910 吨/二氧化碳当量(tCO<sub>2</sub>e)

- 类别二 间接 输入能源排放为 348.4890 吨/二氧化碳当量(tCO<sub>2</sub>e)

- 类别三 间接 运输排放为 3.1313 吨/二氧化碳当量(tCO<sub>2</sub>e)

- 类别四 间接 组织使用产品排放为 299.2576 吨/二氧化碳当量(tCO<sub>2</sub>e)

- 类别五 间接 与使用组织产品有关排放为 未量化

- 类别六 间接 其他排放为 未量化

- 数据与资讯:

- 历史性资料: 类别一 / 类别二

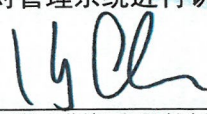
- 历史性资料及情境模型: 类别三 / 类别四

- 因核查期间 2023 年电力排碳因子尚未公告, 故使用 2022 年排碳因子进行测算

有效性:

本证书仅对年度测算的排放数据进行核查, 非对管理系统进行认证

2024-07-29

  
台湾德国莱茵技术监护顾问股份有限公司  
台湾 105 台北市八德路四段 758 号 11 楼

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 on or acting upon this verification and validation



# 证书附件

|        |                  |
|--------|------------------|
| 盘查标准   | ISO 14064-1:2018 |
| 证书登记号码 | CF 50632258 0001 |
| 报告号码   | 48246707 002     |

- 确证与查证场址:
- 中国 523443 广东省东莞市东坑镇角社村东兴西一路 10 号
- 查证方法:
- 场址访视、人员访谈、确认操作行为与程序、所有权评估、资料与资讯积累过程、追踪与取样、管制与估计测试、生产与排放间的分析程序、数据验算与文件审查
- 查证意见:
- 合理保证
- 经修改的意见
    - 具充分且适当的证据支持实质性的排放量、移除量或储存
    - 对实质的排放量或储存采取适当的准则
    - 查证者欲依靠管制时，其管制有效性已被评估
    - 经修改的程序，计算方法，数据，系数或文件，对实质性，预期使用者对温室气体宣告的理解影响不重要 (修改的详细项目请见查验发现报告) 修改了：
      - 程序、数据、系数、文件



# Certificate

Inventory Standard **ISO 14064-1:2018**  
Certificate Registr. No. **CF 50632258 0001**  
Report No. **48246707 002**

Certificate Holder: **Yen Sun Technology Corp.**  
No.329, Fengren Road, Renwu District, Kaohsiung City 81449 Taiwan

Validation & Verification Site: **Including the sites according to annex**

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

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

Base year: - 2023 (2023.01.01~2023.12.31)

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

Programme: - Voluntary GHG scheme

Level of Assurance: - Reasonable

Consolidation methodology: - Operational Control

Materiality: - 5%

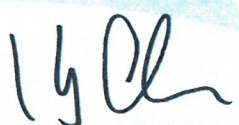
Type of Greenhouse Gases: - CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O, HFCs, PFCs, SF<sub>6</sub>, NF<sub>3</sub>

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 657.269 tonnes CO<sub>2</sub> equivalent (tCO<sub>2</sub>e)
- Category 1 Direct emission is 6.3910 tCO<sub>2</sub>e
- Category 2 Indirect Imported energy emission 348.4890 tCO<sub>2</sub>e
- Category 3 Indirect Transportation emission is 3.1313 tCO<sub>2</sub>e
- Category 4 Indirect Products used by organization emission is 299.2576 tCO<sub>2</sub>e
- Category 5 Indirect Associated with the use of products from the organization emission is not quantified
- Category 6 Indirect Other sources emission is not quantified
- Data and information
  - Historical in nature: Category 1 / 2
  - Historical in nature with scenario models: Category 3 / 4
- 2023 electricity carbon emission factor had not yet been published during the verification, the 2022's factor for GHGs calculation was used for the inventory.

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

2024-07-29

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

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# Annex to certificate

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

Certificate Registr. No. **CF 50632258 0001**

Report No. **48246707 002**

Validation & Verification Site:

- No.10, Dongxing W. First Road, Jiaoshe Village, Dongkeng Town, Dongguan, Guangdong Province 523443, P.R.China

Verification Method:

- Site visit, 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):
    - Procedures, Data, Factors, Documents