

證書

盤查標準

ISO 14067:2018

證書登記號碼

CO 71432705 2501

報告號碼

48254746 0001

證書持有者:

華新麗華股份有限公司新莊廠
新北市新莊區新樹路 256、397 號

確證與查證場址:

所包括場址已列於證書附件上

確證與查證機構:

台灣德國萊因技術監護顧問股份有限公司

確證與查證標準:

ISO 14064-3:2019

方案:

- 自願性碳足跡方案

查證保證等級:

- 合理保證

彙總方法:

- 營運控制權法

實質性:

- 5%

生命週期軟體/資料庫:

- SimaPro Ver. 9.6.0.1 / Ecoinvent 3.8, Carbon Footprint information platform (Owner: Taiwan MOENV), 2006 IPCC Guidelines for National Greenhouse Gas Inventories

分析方法:

- IPCC 2021 GWP100 V1.02

確證與查證範圍:

基於取得的資訊進行評估之結論:

- 全球暖化潛勢(GWP): IPCC 2021, AR6

- 產品類別規則: N/A

- 產品: 600V XLPE-PVC 電纜 LF

- 邊界: 搖籃到大門

- 數據期間: 2023.01.01~2023.12.31

- 功能單位 / 宣告單位: 每公斤(含包裝)

- 型號 / 碳排放量:

- 250mm 2x1C (Average) / 3.510 公斤二氧化碳當量(kg CO₂e)

- 數據與資訊:

- 歷史性資料: 原物料 / 生產 / 配送零售

- 歷史性資料及情境模型: N/A

有效性:

本證書有效期自 2025/03/10 到 2027/03/09 止

本證書僅對標的產品碳足跡進行查驗, 未包含對外溝通的確認

2025-03-10

台灣德國萊因技術監護顧問股份有限公司
台灣 105 台北市八德路四段 758 號 11 樓

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

證書附件

盤查標準

ISO 14067:2018

證書登記號碼

CO 71432705 2501

報告號碼

48254746 0001

確證與查證場址：

- **新麗華股份有限公司新莊一廠**
新北市新莊區新樹路 397 號

查證方法：

- 場址訪視、人員訪談、確認操作行為與程序、所有權評估、資料與資訊積累過程、追蹤與取樣、管制與估計測試、生產與排放間的分析程序、數據驗算與文件審查

查證意見：

合理保證

- 經修改的意見
 - 具充分且適當的證據支持實質性的排放量、移除量或儲存
 - 對實質的排放量或儲存採取適當的準則
 - 查證者欲依靠管制時，其管制有效性已被評估
 - 經修改的程序，計算方法，數據，係數或文件，對實質性，預期使用者對溫室氣體宣告的理解影響不重要 (修改的詳細項目請見查驗發現報告) 修改了：
 - 數據、計算方法、文件

Certificate

Inventory Standard **ISO 14067:2018**
Certificate Registr. No. **CO 71432705 2501**
Report No. **48254746 0001**

Certificate Holder: **Walsin Lihwa Corp. Hsin-Chuang Plant I & II**
No. 256 & 397, Xinsu Rd., Xinzhuang Dist., New Taipei City 242 Taiwan, R.O.C.
including the sites according to annex
Validation & Verification Site:
Validation & Verification Body: **TÜV Rheinland Taiwan Ltd.**
Validation & Verification Standard: **ISO 14064-3:2019**
Programme:

- Voluntary Carbon Footprint scheme

Level of Assurance:

- Reasonable

Consolidation methodology:

- Operational Control

Materiality:

- 5%

LCA software or database:

- SimaPro Ver. 9.6.0.1 / Ecoinvent 3.8, Carbon Footprint information platform (Owner: Taiwan MOENV), 2006 IPCC Guidelines for National Greenhouse Gas Inventories

Analysis method:

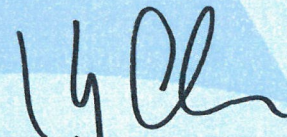
- IPCC 2021 GWP100 V1.02

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

- Global warming potential (GWP): IPCC 2021, AR6
- Product category rules (PCR): N/A
- Product: 600V XLPE-PVC Cable LF
 - Boundary: Cradle to Gate
 - Data period: 2023.01.01~2023.12.31
 - Functional / Declared unit: one kilogram. (Including package)
 - Model no. / Carbon emissions: 250mm 2x1C (Average) / 3.510 kg CO₂e
- Data and information
 - Historical in nature: Raw materials / Production / Distribution/Retail
 - Historical in nature with scenario models: N/A

Validity: This certificate is valid from 2025/03/10 until 2027/03/09
This certificate only verified the target product carbon footprint, this verification does not include review of external communication.

2025-03-10


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

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Annex to certificate

Inventory Standard **ISO 14067:2018**
Certificate Registr. No. **CO 71432705 2501**
Report No. **48254746 0001**

Validation & Verification Site:

- **Walsin Lihwa Corp. Hsin-Chuang Plant I**
No. 397, Xinshu Rd., Xinzhuang Dist., New Taipei City 242 Taiwan, R.O.C.

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):
 - Data, Calculation methods, Documents