



VERIFICATION STATEMENT OF CARBON FOOTPRINT ASSERTIONS

Statement No.:
C537899-2021-CFP-TWN-DNV

Issued date:
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This is to verify Product Carbon Footprint Inventory Report (2021) of Electrodeposited Copper Foils (12 μ m) for PCB application and electronic products, published by

LCY TECHNOLOGY CORP.

Scope of Verification

DNV Business Assurance (DNV) has been commissioned by LCY TECHNOLOGY CORP. (hereafter "the Company") to perform a verification of the product life cycle Carbon Footprint Inventory assertion of the Company's Product Carbon Footprint Inventory Report (2021) (hereafter the "Inventory Report") with respect to the following product: Electrodeposited Copper Foils (12 μ m) for PCB application and electronic products, and the data from LCY TECHNOLOGY CORP. at No. 3-1, Zhonglin Rd., Xiaogang Dist., Kaohsiung City 812039 Taiwan, R.O.C.

Verification Criteria and GHG Programme

The verification was performed on the basis of ISO 14067:2018, given to provide for consistent GHG emission identification, calculation, monitoring and reporting.

Verification Statement

It is DNV's opinion that the reliability of the information within the Carbon Inventory Report for site-specific data was verified with a reasonable assurance. The Inventory Report (2021), which was published on June 01, 2022 (Ver. 6.0), is free from material discrepancies in accordance with ISO 14067:2018.

Sophia Kim
Verifier

Place and date:
Taipei, 8 June, 2022

For the issuing office:
DNV Business Assurance Co., Ltd.
29Fl., No. 293, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City 220,
Taiwan

Management Representative



Supplement to Statement

Process and Methodology

The reviews of the Inventory Report and the subsequent follow-up interviews have provided DNV with sufficient evidence to determine the fulfilment of stated criteria. The Inventory Report correctly complies with the requirement of ISO 14067:2018.

Quantification of Carbon Footprint inventory analysis

The Inventory Report covering the period January 1, 2021 to December 31, 2021. Commercial LCA databases were applied for calculating life-cycle carbon emission factors. It is DNV's opinion that the Inventory Report results in quantification of Carbon Footprint that are real, transparent and measurable.

System Boundary of Verification

cradle-to-gate

Declared Unit

One kilogram (1 kg) of Electrodeposited Copper Foils (12 μ m) for PCB application and electronic products

Carbon Footprint Verified

	Rolled Copper Foils (kgCO ₂ e/unit)	Sheet Copper Foils (kgCO ₂ e/unit)
Raw Material Phase	1.377	1.377
Manufacturing Phase	7.717	7.823
Total	9.094	9.200

Raw Material Phase: Extraction, production, and transportation of Main materials, Auxiliary materials and packaging materials were considered, details are as described in the company's CFP inventory report.

Manufacturing Phase: Energy & water consumption, treatment of waste and emissions to the environment were considered, details are as described in the company's CFP inventory report.

Verification Opinion

Verified without Qualification