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Report No.：(TH25-327 / Version 1)

Greenhouse Gas Verification Report Opinion

THGHG25327-00

Verification Scope:	Ming Chuan University 111005 No. 250, Section 5, Zhongshan North Rd., Shilin District, Taipei City ☒The information of other sites are listed on the subsequent page.
Verification Criteria:	ISO 14064-1：2018
Verification Objectives：	According to ISO 14064-3:2019, AFNOR Asia Ltd. (AFNOR ASIA) confirms that the GHG statement (GHG inventory report) of the above-mentioned organization(s) is reported in accordance with the verification criteria agreed by both parties. AFNOR ASIA performs the verification with an objective and fair position and principle (relevant, complete, consistent, accurate, and transparent).
Data Period：	From Jan 01, 2024. to Dec 31,2024. (The data being viewed is historical in nature)
Verification Data：	Direct GHG Emissions (Category 1): 1,583.0663 Ton CO_2e Energy Indirect GHG Emissions (Category 2): 6,332.1077 Ton CO_2e Indirect GHG Emissions (Category 3~6): 3,009.2420 Ton CO_2e

Global Warming Potential (GWP)：Refer to IPCC 2021 Year, the 6 assessment report

Statement Basis：This statement must be interpreted as a whole with the following.

GHG Inventory Report (Version： 4 ; Date： Jul 10, 2025)
GHG Inventory (Version： 4 ; Date： Jul 10, 2025)

Materiality： 5% (Category 1 and Category 2)

Type of Opinion： ☒Unqualified ☐Qualified (see the subsequent page) ☐Disclaim the issuance

Verification Conclusion:
To confirm that the organization submits a GHG statement in accordance with the requirements of the verification criteria agreed by both parties, and fairly presents the GHG data and related information, which are consistent with the verification scope, objectives and criteria agreed by both parties.
Declares that the reasonable assurance level of the inventory data is Category 1 and Category 2, Limited assurance levels are Category 3 to Category 5.

Date of Issuance: Sep 05, 2025

APPROVED BY

Dr. August Tsai
Director for Certification
ON BEHALF OF
AFNOR ASIA

113-2024/00

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The Geographical Location of Multiple Sites：

Site	Address
Ming Chuan University -Taipei Campus	111005No. 250, Section 5, Zhongshan North Rd., Shilin District, Taipei City
Ming Chuan University -Taoyuan Campus	333321No. 5, Deming Rd., Guishan District, Taoyuan City
Ming Chuan University - Jihe Complex	1110133-8F, No. 130, Jihe Rd., Shilin District, Taipei City
Ming Chuan University - Kinmen Location	890006No. 105, Deming Rd., Jinsha Township, Kinmen County

Emissions Data for Each Category：

Category	Description of Content	GHG Emissions (Ton CO_2e)	Note
(Category 1) Direct GHG emissions	Fixed combustion sources, mobile combustion sources, fugitive emission sources	1,583.0663	
(Category 2) Indirect GHG emissions from imported energy	Electricity	6,332.1077	Location-based standard
(Category 3) Indirect GHG emissions from transportation	Upstream transportation of raw materials, downstream transportation of products, employee commuting, business travel	743.1041	
(Category 4) Indirect GHG emissions from products used by organization	Purchased products, waste treatment, upstream leased asset emissions, fuel and energy related activities (excluding categories 1 and 2)	1,683.4545	
(Category 5) Indirect GHG emissions associated with the use of products from the organization	Downstream leased asset emissions	582.6834	
(Category 6) Indirect GHG emissions from other sources	NS	NS	

Biomass Burning Emission： 0.0000 Ton CO_2e

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Data for Multiple Sites：

Emission Unit: Ton CO_2e

Site	Direct GHG Emissions (Category 1)	Indirect GHG Emissions from Energy (Category 2)	Indirect GHG Emissions (Category 3~6)
Ming Chuan University -Taipei Campus	191.3624	1,993.1346	1,131.1605
Ming Chuan University -Taoyuan Campus	1,251.1982	3,622.1861	1671.8579
Ming Chuan University - Jihe Complex	72.1192	483.0917	120.7324
Ming Chuan University - Kinmen Location	68.3865	233.6953	85.4912

Other Related Verification Information

Organization Boundaries：	Operational control
GHG Type：	Carbon dioxide (CO_2), Methane (CH_4), Nitrous oxide (N_2O), Hydrofluorocarbon (HFCs), Perfluorocarbon (PFCs), Sulfur hexafluoride (SF_6), Nitrogen trifluoride (NF_3)
Purpose of Intended Use:	Voluntary understanding of greenhouse gas emissions as a basis for reduction strategies. (This statement of responsibility applies only to the purpose of intended use mentioned above and not to any other purpose.)
Criteria For Significance of Indirect Emissions：	- Identified stakeholder requirements: ☒Yes ☐No - Identified regulation requirements ：☒Yes ☐No - Identified magnitude of emissions ：☐Yes ☒No - Others：
Purchased Power Factor:	Refer to the2024 annual power factor announced by the Energy Administration, Ministry of Economic Affairs on Apr 14, 2024.
Data Sources：	☒The primary data is collected from on-site operation activities. ☒Category 3~6 emissions are calculated with estimated data. The secondary data sources are: EPA Product Carbon Footprint Information Website。 ☐others：
Verification Method:	☒On-site
Qualified Opinion：	NO
Others：	NO
Verification Date：	Jun 23, 24, 2025. Jul 08, 10, 2025.
Report Date：	Jul 11, 2025.

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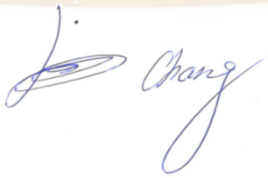
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Verification Team and Technical Review

Lead Verifier：	**Kevin Chang**	**Signature：**	
Verifier：	**Cheng-Hao Chen**	**Signature：**	
Verifier：	**Stevev Chen**	**Signature：**	
Verifier：	**Chunfeng Chang**	**Signature：**	
Independent Review：	**Yi-Ching Chen**	**Signature：**	

Verification Processes

AFNOR ASIA is based on risk assessment methods and controls. Evidence collection procedures are including pre-trip assessment, on-site visits, interviews with site personnel, confirmation of documented evidence provided, sampling of emission data, evaluation of data management systems, confirming the collection and compilation of emission data, analysis between production and energy consumption, and confirmation of whether the terms of the agreement referred to are properly applied.

Roles and Responsibilities

The verified organization is responsible for preparing and submitting a GHG statement in accordance with the verification criteria. This responsibility includes the planning, implementation and maintenance of data management systems related to GHG declarations, GHG inventory and GHG inventory reports.

AFNOR ASIA provides independent third-party verification of the reported GHG emissions and issues verification opinions for the organizational GHG emissions. The verification team is independent and impartial, and there is no conflict of interest.

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