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Report No.：(TH25-327 / Version 1)

# Greenhouse Gas Verification Report Opinion

## THGHG25327-01

| | |
|---|---|
| Verification Scope: | Ming Chuan University<br>No. 250, Sec. 5, Zhongshan N. Rd., Shilin Dist., Taipei City 111005, Taiwan (R.O.C.)<br>☒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, 2025. to Dec 31,2025. (The data being viewed is historical in nature) |
| Verification Data： | Direct GHG Emissions (Category 1): 766.6319 $tCO_2e$<br>Energy Indirect GHG Emissions (Category 2): 6,138.9276 $tCO_2e$<br>Indirect GHG Emissions (Category 3~6): 3,199.9846 $tCO_2e$ |

Global Warming Potential (GWP)：Refer to IPCC The 6-assessment report 2021 Year

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

GHG Inventory Report (Version： 5 ; Date： Jul 29, 2026 )
GHG Inventory (Version： 5 ; Date： Jul 29, 2026 )

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; the limited assurance level of the inventory data is Category 3 to Category 6.

Date of Issuance: Aug 06, 2026

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 | **No. 250, Sec. 5, Zhongshan N. Rd., Shilin Dist., Taipei City 111005, Taiwan (R.O.C.)** |
| **Ming Chuan University** -Taoyuan Campus | **No. 5, Deming Rd., Guishan Dist., Taoyuan City 333321, Taiwan (R.O.C.)** |
| **Ming Chuan University** - Jihe Complex | **3F-8F, No. 130, Jihe Rd., Shilin Dist., Taipei City 111013, Taiwan (R.O.C.)** |
| **Ming Chuan University** - Kinmen Location | **No. 105, Deming Rd., Jinsha Township, Kinmen County 890006, Taiwan (R.O.C.)** |

**Emissions Data for Each Category：**

| Category | Description of Content | GHG Emissions ($tCO_2e$) | Note |
|---|---|---|---|
| **(Category 1) Direct GHG emissions** | **Fixed combustion sources, mobile combustion sources, fugitive emission sources** | **766.6319** | |
| **(Category 2) Indirect GHG emissions from imported energy** | **Electricity** | **6,138.9276** | **Location-based standard** |
| **(Category 3) Indirect GHG emissions from transportation** | **Upstream transportation of raw materials, downstream transportation of products, employee commuting, business travel** | **886.7793** | |
| **(Category 4) Indirect GHG emissions from products used by the organization** | **Purchased products, waste treatment, upstream leased asset emissions, fuel and energy related activities (excluding categories 1 and 2)** | **1,736.3455** | |
| **(Category 5) Indirect GHG emissions associated with the use of products from the organization** | **Downstream leased asset emissions** | **576.8598** | |
| **(Category 6) Indirect GHG emissions from other sources** | **NS** | **NS** | |

**Biomass Burning Emission： 0.0000 $tCO_2e$**

**Note: The presentation of data after the decimal point in this Verification Report Opinion shall follow the definition of the inventory procedures and other documents of the organization being verified; if not defined, it shall be presented by the provisions of the organizational level of MOENV: 4 decimal places.**

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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 | **183.8187** | **1,920.7204** | **1,081.3968** |
| **Ming Chuan University** -Taoyuan Campus | **446.8779** | **3,533.4863** | **1,899.6847** |
| **Ming Chuan University** - Jihe Complex | **70.9997** | **461.6933** | **126.3148** |
| **Ming Chuan University** - Kinmen Location | **64.9356** | **223.0276** | **92.5883** |

**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:** | **Voluntarily understanding the status of greenhouse gas emissions as a basis for developing reduction strategies. (This statement of responsibility applies only to the purpose of intended use mentioned above and not to any other purpose.)** |
| **Purchased Power Factor:** | **Refer to the 2025 annual power factor announced by the Energy Administration, Ministry of Economic Affairs on Jun 02, 2026.(0.4660000000)** |
| **Data Sources：** | **☒ The primary data is collected from on-site operation activities.<br>☒ Category 3~6 emissions are calculated with estimated data.<br>The secondary data sources are: Taiwan MOENV Product Carbon Footprint Information Platform<br>☐ Others：** |
| **Verification Method:** | **☒ On-site：<br>☐ Off-site：** |
| **Qualified Opinion：** | **NO** |
| **Others：** | **NO** |
| **Verification Date：** | **Jul 01、02、13、14、29, 2026.** |
| **Report Date & Version：** | **Jul 30 , 2026, Version：1** |

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**Verification Team and Technical Review**

| | | | |
|---|---|---|---|
| **Lead Verifier：** | **Kevin Chang** | **Signature：** |  |
| **Verifier：** | **Chen Chun-Wei** | **Signature：** |  |
| **Verifier：** | **Cheng-Hao Chen** | **Signature：** |  |
| **Independent Review：** | **Hsiao-Kuang Ling** | **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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