

Report no. : (TH23-120 / version 1)

## Greenhouse Gas Verification Report Opinion

### THGHG23120-00

**Verification** TAIWAN AIRCRAFT MAINTENANCE AND ENGINEERING CO., LTD.  
**Scope:** No. 7, Hangqin S. Rd., Dayuan Dist., Taoyuan City 337041, Taiwan (R.O.C.)  
☒ The information of other sites are listed on the subsequent page. •

**Verification** ISO 14064-1 : 2018  
**Criteria:**

**Verification** According to ISO 14064-3:2019, AFNOR Asia Ltd. (AFNOR ASIA) confirms that the GHG  
**Objectives :** statement (GHG inventory report) of the above-mentioned organization(s) is reported  
in accordance with the verification criteria agreed by both parties. AFNOR performs  
the verification with an objective and fair position and principle (relevant, complete,  
consistent, accurate, and transparent).

**Data Period :** January 1, 2023 to December 31, 2023 (The data being viewed is historical)

**Verification** Direct GHG emissions (category 1): 156.5393 tons CO<sub>2</sub>e  
**Data :** Energy indirect GHG emissions (category 2): 1066.2196 tons CO<sub>2</sub>e  
Indirect GHG emissions (category 3~6): 237.9641 tons CO<sub>2</sub>e

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

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

GHG Inventory report (version :	5	; Date :	08 25, 2024	)
GHG Inventory (version :	5	; Date :	08 25, 2024	)

**Materiality :** 5% (category 1 and category 2 )

**Type of Opinion :** ☒ unqualified ☐ qualified (see the subsequent page ) ☐ disclaim the issuance

**Verification** Confirm that the organization submits a GHG statement in accordance with the  
**Conclusion:** requirements of the verification criteria agreed by both parties, and fairly presents  
the GHG data and related information, which is 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 and  
category 4.

**Date of Issuance:** 10 21, 2024

APPROVED BY



Patrick NI  
Director for Certification  
ON BEHALF OF  
AFNOR ASIA

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**The Geographical Location of Multiple Sites :**

Site	Address
Head Office	No. 7, Hangqin S. Rd., Dayuan Dist., Taoyuan City 337041, Taiwan (R.O.C.)
Taoyuan Station	No. 15, Hangqin S. Rd., Dayuan District, Taoyuan City 337041, Taiwan (R.O.C.)
Kaohsiung Station	No. 2, Zhongshan 4th Rd., Xiaogang Dist., Kaohsiung City 812201, Taiwan (R.O.C.)

**Emissions Data for Each Category :**

Category	Description of content	GHG emissions (tons CO <sub>2</sub> e)	Note
(Category 1) Direct GHG emissions	Stationary emissions, Mobile emissions, Fugitive emissions	156.5393	
(Category 2) Indirect GHG emissions from imported energy	Indirect emissions from purchased electricity	1066.2196	Location-based
(Category 3) Indirect GHG emissions from transportation	Business travel	6.5051	
(Category 4) Indirect GHG emissions from products used by organization	Purchased goods, Waste treatment	231.4590	
(Category 5) Indirect GHG emissions associated with the use of products from the organization	NS	NS	
(Category 6) Indirect GHG emissions from other sources	NS	NS	

Biomass burning emission : 0.0000 tons CO<sub>2</sub>e

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## Other Related Verification Information

Organization boundaries :	operational control
GHG type :	Carbon dioxide (CO <sub>2</sub> ), Methane (CH <sub>4</sub> ), Nitrous oxide (N <sub>2</sub> O), Hydrofluorocarbon (HFCs), Perfluorocarbon (PFCs), Sulfur hexafluoride (SF <sub>6</sub> ), Nitrogen trifluoride (NF <sub>3</sub> )
Purpose of intended use:	Voluntarily understanding the status 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 :	<ul style="list-style-type: none"> <li>- Identified stakeholder requirements: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</li> <li>- Identified regulation requirements : <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</li> <li>- Identified magnitude of emissions : <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</li> <li>- Others :</li> </ul>
Purchased power factor:	Refer to the 2023 annual power factor announced by the Energy Administration, Ministry of Economic Affairs on 04 26, 2024.
Data sources :	<input checked="" type="checkbox"/> The primary data is collected from on-site operation activities. <input checked="" type="checkbox"/> Category 3~6 emissions are calculated with estimated data. The secondary data sources are: Taiwan EPA Carbon footprint information platform <input type="checkbox"/> others :
Verification method:	<input checked="" type="checkbox"/> On-site
Qualified opinion :	NO
Others :	NO
Verification date :	08 19, 2024 08 27, 2024
Report date :	09 27, 2024

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## Verification team and technical review

Lead Verifier : LU,MU-CHENG

Signature: *Lu, Mu-Cheng*

Verifier : HSU,HIA-HUNG

Signature: *Ch. Hsu*

Verifier : WONG,YEN-HONG

Signature: *Wong Yen Hong*

Independent review : C. Kuang

Signature: *C. Kuang*

## Verification processes

AFNOR 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 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.