



# Certificate

Certificat

Report no.: (TH24-136 / version 1)

## Greenhouse Gas Verification Report Opinion THGHGP24136-02

Verification Scope: Global Unichip Corporation  
No.10, Li-Hsin 6th Road, Hsinchu Science Park, Hsinchu City, Taiwan (R.O.C.)  
The information of other sites are listed on the subsequent page.

Verification Criteria: GHG Protocol

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 : January 01, 2025 to December 31, 2025 (The data being viewed is historical)

Verification Data :	Direct GHG Emissions(Scope 1) :	184.6315	tCO <sub>2e</sub>
	Energy Indirect GHG Emissions (Scope 2, Location-based):	9,111.6456	tCO <sub>2e</sub>
	Energy indirect GHG emissions (scope 2, Market -based):	8,163.6456	tCO <sub>2e</sub>
	Indirect GHG Emissions(Scope 3) :	108,958.4790	tCO <sub>2e</sub>

Global Warming Potential (GWP) : Refer to IPCC The 06 assessment report, 2021 Year

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

GHG Inventory Report (Version :	3	; Date :	April 02, 2026 )
GHG Inventory (Version :	4	; Date :	April 02, 2026 )

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 inventory data of Scope 1, Scope 2 are the reasonable assurance level and the inventory data of Scope 3 are the limited assurance level.

Date of Issuance: April 30, 2026

APPROVED BY

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

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**The Geographical Location of Multiple Sites :**

Company/Factory/Office	Address
Hsinchu Head Office	No.10, Li-Hsin 6th Road, Hsinchu Science Park,Hsinchu City, Taiwan (R.O.C.)
VisEra Server Room	6th Floor No. 12, Duxing 1st Rd., East Dist., Hsinchu City , Taiwan (R.O.C.)
Duxing warehouse	4th Floor, No. 6-1, Duxing Road, East District, Hsinchu City, Taiwan(R.O.C.)
Hsinchu Office	2th Floor 、 6th Floor,No. 19-1, Innovation 1st Road, Baoshan Township, Hsinchu County, Taiwan (R.O.C.)
Si-Soft Office	3C6,No.1, Li-Hsin 1st Road, East District, Hsinchu City, Taiwan (R.O.C.)
Taipei Office	8th Floor, No. 246, Sec. 1, Neihu Rd., Neihu Dist., Taipei City, Taiwan (R.O.C.)
Tainan Office	Room A1 、 A2 、 A3 、 C1 6th Floor, No. 189, Sec. 1, Yongfu Rd., West Central Dist., Tainan City, Taiwan (R.O.C.)
GLOBAL UNICHIP (SHANGHAI) COMPANY,LIMITED	Room 2305-2306,No.1350 North Sichuan Rd.,Hongkou Dist.,Shanghai,China.
Shenzhen Office	Room 749&753, 7/F,Tower A,SCC,No.88 First Haide Avenue,Nanshan Dist.,Shenzhen,China.
Beijing Office	B12, 8th Floor, CP Centre, CBD Core Area Z14, Guanghua Road, Chaoyang Dist., Beijing, China.
Global Unichip (Nanjing) Ltd.	14th Floor,Block C, Fuying Building, No. 99, Tuanjie Road, Research & Innovation Park, Nanjing Jiangbei New Area,China.
Global Unichip Corp Europe B.V.	World Trade Center Tower H - 6th Floor, Zuidplein 58, 1077 XV Amsterdam,The Netherlands
Global Unichip Japan Co.,Ltd.	Room 1605, Yokohama Landmark Tower 16th Floor, 2-2-1, Minatomirai, Nishiku, Yokohama, Japan
Global Unichip Japan Co.,Ltd.	Room 1201-1203 、 1205 、 1206,12th Floor, Minato Mirai Center Building, 3-6-1 Minatomirai, Nishi-ku, Yokohama, Kanagawa, Japan
Global Unichip Corporation Korea	3th Floor, AnJay Tower, 208, Teheran-ro, Gangnam-gu, Seoul, 06220, Korea
Global Unichip Corporation-NA	2841 Junction Ave. Suite 201 San Jose, CA 95134, USA
GLOBAL UNICHIP VIETNAM COMPANY LIMITED	3rd & 7th Floor, No. 71 Hoang Van Thai, Tan Phu Ward, District 7, Ho Chi Minh City, Vietnam
GLOBAL UNICHIP Turing Center	No. 266-1, Zhonghua Road, Zhunan Township, Miaoli County, Taiwan (R.O.C.)

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**Emissions Data for Each Scope :**

Scope	Description of Content	GHG Emissions (tCO <sub>2e</sub> )	Note
(Scope 1) Direct GHG emissions	Emergency generator (diesel), official vehicle (gasoline), refrigerant escape (ice water host, air conditioner, refrigerator, water dispenser, high and low temperature test system), fire extinguisher, Septic tanks, gas circuit breakers	184.6315	
(Scope 2) Indirect GHG emissions from imported energy	Purchased electricity	9,111.6456	Location-based
		8,163.6456	Market-based
(Scope 3) Other Indirect GHG emissions	Category 1 Purchased goods and services Procurement of process raw materials, general supplies, Septic tanks (China base), refrigerant emissions from rental official vehicles	105,517.9820	
	Category 2 Capital goods IT equipment procurement	423.8771	
	Category 3 Fuel- and energy-related activities(not included in scope 1 or scope 2) Electric power upstream and transmission and distribution Hydraulic upstream acquisition and distribution Gasoline upstream mining and distribution	1,849.9000	
	Category 4 Upstream transportation and distribution Transportation of process raw materials	107.3013	
	Category 5 Waste generated in operations Waste disposal and transportation	144.6397	
	Category 6 Business travel Various means of transportation	292.9828	
	Category 7 Employee commuting Various means of transportation	621.7961	
	Category 8 Upstream leased assets	-	
	Category 9 Downstream transportation and distribution	-	
	Category 10 Processing of sold products	-	
	Category 11 Use of sold products	-	
	Category 12 End-of-life treatment of sold products	-	
	Category 13 Downstream leased assets	-	
	Category 14 Franchises	-	
	Category 15 Investments	-	

Biomass Burning Emission: 0.0000 tCO<sub>2e</sub>

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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 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:	<ul style="list-style-type: none"> <li>● Taiwan Region: Refer to the 2024 annual power factor announced by the Energy Administration, Ministry of Economic Affairs on 04 14, 2025</li> <li>● China Region: The national average electricity emission coefficient published in the 2024 Carbon Dioxide Emission Factors for Electricity jointly released by the Ministry of Ecology and Environment and the National Bureau of Statistics in September 2025.</li> <li>● Netherlands Region: The 2025 Dutch electricity emission coefficient published by the website "co2emissiefactoren.nl" – an initiative operated by Green Deal and co-founded by the Dutch government.</li> <li>● United States Region: The national average electricity emission coefficient from the GHG Emission Factors Hub (2025), published by the U.S. Environmental Protection Agency (EPA) website.</li> <li>● South Korea Region: The 2024 electricity emission coefficient published by the Korea Energy Agency in 2025.</li> <li>● Vietnam Region: The 2024 national average electricity emission coefficient as reported by the local news outlet Vietnam News.</li> </ul>
Data Sources :	<input checked="" type="checkbox"/> The primary data is collected from on-site operation activities. <input checked="" type="checkbox"/> Scope 3 (Category 1~15) emissions are calculated with estimated data. The secondary data sources are: Ministry of Environment Carbon Footprint Information Network, ICAO, UK Conversion factors, ECOINVENT, etc. <input type="checkbox"/> Others :
Verification Method:	<input checked="" type="checkbox"/> On-site : <input checked="" type="checkbox"/> Off-site : Global Unichip Japan Co.,Ltd. 、 Global Unichip Corp Europe B.V.
Qualified Opinion :	NO
Others :	NO
Verification Date :	S1 : February 10, 11 and 27, 2026 March 03, 20 and 23, 2026 S2 : April 01 and 02, 2026
Report Date :	April 16, 2026



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## Verification Team and Technical Review

Lead Verifier : Chen.Hu Mu

Signature: *Chen, Hu - mu*

Independent Review : Chi-Chang Lin

Signature: *Chi-Chang, Lin*

## 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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