

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

Greenhouse Gas Verification Report Opinion

THGHGP24136.1-00

Verification
scope:

Global Unichip Corporation
Taiwan :

- No.10, Li-Hsin 6th Road, Hsinchu Science Park, Hsinchu City 300096, Taiwan (R.O.C.)
- 6th Floor, No. 12, Duxing 1st Rd., East Dist., Hsinchu City , Taiwan (R.O.C.)
- 4th Floor, No. 6-1, Duxing Road, East District, Hsinchu City, Taiwan (R.O.C.)
- 2th Floor ~ 6th Floor, No. 19-1, Innovation 1st Road, Baoshan Township, Hsinchu County, Taiwan (R.O.C.)
- 8th Floor, No. 246, Sec. 1, Neihu Rd., Neihu Dist., Taipei City , Taiwan (R.O.C.)
- 6th Floor, No. 189, Sec. 1, Yongfu Rd., West Central Dist., Tainan City , Taiwan (R.O.C.)

China :

- Room 2305, No.1350 North Sichuan Rd., Hongkou Dist., Shanghai, China.
- Room 1305, Building 9A, No.3609 Baishi Road, Nanshan Dist., Shenzhen, China.
- Room B12, 8th Floor, North Tower, CP Centre, CBD Core Area Z14, Guanghua Road, Chaoyang Dist., Beijing, China.
- 14th Floor, Block C, Fuying Building, No. 99, Tuanjie Road, Research & Innovation Park, Nanjing Jiangbei New Area, China.

Others :

- World Trade Center Tower H - 6th Floor, Zuidplein 58, 1077 XV Amsterdam, The Netherlands
- Yokohama Landmark Tower 16th Floor, 2-2-1, Minatomirai, Nishiku, Yokohama, 220-8116, Japan
- 3th Floor, AnJay Tower, 208, Teheran-ro, Gangnam-gu, Seoul, 06220, Korea
- 2841 Junction Ave. Suite 201 San Jose, CA 95134, USA
- The Grace Tower 7th Floor, 71 Hoang Van Thai Street, Tan Phu Ward, District 7, Ho Chi Minh City 700000 Vietnam

Verification
criteria:

Corporate Value Chain (Scope 3) Accounting and Reporting Standard (2011)

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Verification Objectives : AFNOR Asia confirms that the above-mentioned organization's GHG statement (GHG inventory report) is conducted and reported in accordance with the verification criteria agreed by both parties. AFNOR performs the verification in an objective and impartial position and based on principles (relevance, completeness, consistency, accuracy, transparency).

Data period : 2023/01/01 - 2023/12/31 (The data being viewed is historical in nature)

Verification	Direct GHG emissions (Scope 1):	933.0934	tons CO ₂ e
Data :	Energy indirect GHG emissions (Scope 2):	9,417.9627	tons CO ₂ e
	Indirect GHG emissions (Scope 3):	195,464.2332	tons CO ₂ e

Global Warming Potential (GWP) : refer to IPCC 2023 Year, the 6 assessment report

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

GHG Inventory report (version :	4	; Date :	2024/04/22)
GHG Inventory (version :	4	; Date :	2024/04/22)

Materiality : 5% (Scop 1 and Scop 2)

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

Verification conclusion: Confirm that the organization submits a GHG statement in accordance with the requirements of the verification criteria agreed upon by both parties, and presents GHG data and related information in an unbiased manner, consistent with the scope, objectives and criteria of the verification agreed upon by both parties.

Declares that the reasonable assurance level of the inventory data is Scope 1 and Scope 2.

Statement of inventory data level is limited assurance is Scope 3.

Date of issuance: 2024/05/20

APPROVED BY



Patrick NI
Director for Certification
ON BEHALF OF
AFNOR ASIA

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Emissions data for each SCOP :

SCOP	Description of content	GHG emissions (tons CO2e)	Note
SCOP 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	933.0934	
SCOP 2: Energy indirect GHG emissions	Purchased electricity	9,417.9627	
SCOP 3 : Indirect GHG emissions	Category 1~7	195,464.2332	

SCOP 3	Description of content	GHG emissions (tons CO2e)	Note
Category 1: Purchased Goods and Services	Procurement of process raw materials, general supplies, Septic tanks (China base), refrigerant emissions from rental official vehicles	129,461.1572	
Category 2: Capital Goods	IT equipment procurement	953.1840	
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	1,850.4161	
Category 4: Upstream Transportation and Distribution	Transportation of process raw materials	72.1272	
Category 5: Waste Generated in Operations	Waste disposal and transportation	117.5793	

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Category 6: Business Travel	Various means of transportation	154.7021	
Category 7: Employee Commuting	Various means of transportation	62,855.0673	

Biomass burning emission: 0.0000 tons CO₂e

Other related verification information

Organization boundaries: :	operational control
GHG type :	Carbon dioxide (CO ₂), Methane (CH ₄), Nitrous oxide (N ₂ O), 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 reduction strategies. (This statement of responsibility applies only to the purpose of intended use mentioned above and not to any other purpose.)
Data Sources :	<input checked="" type="checkbox"/> The primary data is collected from on-site operation activities. <input checked="" type="checkbox"/> Emissions are calculated with estimated data. The secondary data sources are: EPA Product Carbon Footprint Information Website ° <input type="checkbox"/> others :
Verification method:	On-site
Qualified opinion :	NO
Others :	NO
Verification date :	2024/4/10 、 2024/4/11 、 2024/4/15 、 2024/4/16 2024/04/22
Report date :	2024/05/08

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Verification team and technical review

Lead verifier : CHEN,HU-MU Signature: *Chen, hu -mu*

Verifier : Wong Yen Hong Signature: *Wong Yen Hong*

Verifier : Micky.Wang Signature: *Micky. Wang*

Verifier : Roy Tian Signature: *Roy Tian*

Verifier : Helenns Signature: *Helenns*

Independent review : Shih-Ting Tseng Signature: *Shih - Ting, Tseng.*

Verification processes

AFNOR is based on a risk assessment methodology and controls, and the evidence gathering process includes: pre-assessments, on-site visits, interviews with site personnel, confirmation of documentary evidence provided, sampling of emission data, evaluation of data management systems, confirmation of emission data collection and aggregation, analysis between production and energy consumption, and confirm that the terms of the referenced agreements are being properly applied.

Roles and Responsibilities

The responsible party, the 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 a verification opinion of the organizational GHG emissions for this verification. The verification team is independent and impartial, and there is no conflict of interest.