



# Certificate

Certificat

Report no. : (TH23-246 / version 1)

## Greenhouse Gas Verification Report Opinion

THGHG23246-00

**Verification** COREMAX CORPORATION  
**Scope:** Office & Factory 1 :  
NO. 2, NO. 2-1, FUXING ROAD, NO. 11, WENHUA ROAD, FENGSHAN VILLAGE,  
HUKOU TOWNSHIP, HSINCHU COUNTY 303 TAIWAN (R.O.C.)  
Factory 2 :  
NO. 440, ZHONGHUA ROAD, LUZHULI, TOUFEN CITY, MIAOLI COUNTY 351, TAIWAN  
(R.O.C.)

**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  
the verification with an objective and fair position and principle (relevant, complete,  
consistent, accurate, and transparent).

**Data Period :** From 01 01,2022 to 12 31,2022 (The data being viewed is historical in nature)

**Verification** Direct GHG emissions (category 1): 2259.4209 tons CO2e  
**Data :** Energy indirect GHG emissions (category 2): 6352.7845 tons CO2e  
Indirect GHG emissions (category 3~6): 27312.9357 tons CO2e

**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 :	08 21, 2023	)
GHG Inventory (version :	4	; Date :	08 21, 2023	)

**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.

**Date of Issuance:** 09 12, 2023

APPROVED BY

Patrick Ni  
Director for Certification  
ON BEHALF OF  
AFNOR ASIA



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**Emissions Data for Each Category :**

Category	Description of content	GHG emissions (tons CO <sub>2</sub> e)	Note
(Category 1) Direct GHG emissions	Natural gas, liquefied petroleum gas, official vehicles, forklifts, refrigerant escape, fire extinguishers, septic tanks	2259.4209	
(Category 2) Indirect GHG emissions from imported energy	Purchased electricity, purchased steam	6352.7845	Location-based
(Category 3) Indirect GHG emissions from transportation	Raw material transportation (land transportation, sea transportation), product transportation (land transportation, sea transportation), waste transportation	25703.2387	
(Category 4) Indirect GHG emissions from products used by organization	Upstream carbon emissions (tap water, natural gas, liquefied petroleum gas, gasoline, diesel, electricity), domestic waste treatment, industrial waste treatment	1609.6970	
(Category 5) Indirect GHG emissions associated with the use of products from the organization	NA	NS	
(Category 6) Indirect GHG emissions from other sources	NA	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 2022 annual power factor announced by the Bureau of Energy, Ministry of Economic Affairs on 06 21, 2023
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: EPA Product Carbon Footprint Information Website. <input type="checkbox"/> others :
Verification method:	<input checked="" type="checkbox"/> On-site
Qualified opinion :	NO
Others :	NO
Verification date :	08 02, 2023 08 09, 2023 08 21, 2023
Report date :	08 22, 2023



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## Verification team and technical review

Lead Verifier : Chen, Hu-MU

簽名 : Chen, Hu-MU

Verifier : Yi-Ching Chen

簽名 : Nancy Chen

Independent review : Hsiao-Kuang Ling

簽名 : Ling, Hsiao-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.