



# Certificate

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Report no. : (TH24-739 / Version 1)

## Greenhouse Gas Verification Report Opinion THGHG24739-00

Verification Scope: **TAISOL ELECTRONICS CO., LTD.**  
3F., No. 302 and 302-1, 302-2, 303-3, Ruiguang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

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

Data Period : **From 01 01,2023 to 12 31,2023 (The data being viewed is historical in nature)**

Verification Data : **Direct GHG emissions (category 1): 641.7386 tons CO<sub>2</sub>e**  
**Energy indirect GHG emissions (category 2): 7213.3313 tons CO<sub>2</sub>e**  
**Indirect GHG emissions (category 3~6): 40316.7961 tons CO<sub>2</sub>e**

Global Warming Potential (GWP) : refer to IPCC 2016 Year, the 6 assessment report

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

GHG Inventory report (version : V2 ; Date : 11.23.2024 )  
GHG Inventory (version : V2 ; Date : 11.23.2024 )

Materiality : **5% (category 1 and category 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 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: **12.21.2024**

APPROVED BY

Steven Huang  
Director for Certification  
ON BEHALF OF  
AFNOR ASIA

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The Geographical Location of Multiple Sites :

Site	Address
TAISOL ELECTRONICS CO., LTD.	3F., No. 302 and 302-1, 302-2, 303-3, Ruiguang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)
DongGuan TaiSol Electronics Co., Ltd.	Floor 1-3, Room 101, Building 1, No. 373, Dalingshan Section, Houda Road, Dalingshan Town, Dongguan City, Guangdong Province and Floor 1-6 of Dormitory Building
Suzhou TaiSol Electronics Co., Ltd.	NO. 248, DONG'AN ROAD, LILI LINHU INDUSTRIAL PARK, WUJIANG CITY, JIANGSU PROVINCE, CHINA
SiYang TaiSol Electronics Co., Ltd.	No. 88 Huaihai East Road, Economic DEVELOPMENT ZONE, SIYANG COUNTY, SUQIAN CITY, JIANGSU PROVINCE, CHINA

Emissions Data for Each Category :

Category	Description of content	GHG emissions (tons CO <sub>2</sub> e)	Note
(Category 1) Direct GHG emissions	Fixed combustion source, mobile combustion source, process emission source, fugitive emission source	641.7386	
(Category 2) Indirect GHG emissions from imported energy	Outsourced electricity	7213.3313	Location-based
(Category 3) Indirect GHG emissions from transportation	Fuel transportation, upstream transportation of raw materials, downstream transportation of products, employee commuting, business travel	301.6997	
(Category 4) Indirect GHG emissions from products used by organization	Purchase of products, use of services, waste disposal, asset utilization	40015.0964	
(Category 5) Indirect GHG emissions associated with the use of products from the organization	/	/	
(Category 6) Indirect GHG emissions from other sources	/	NS	

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

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Data for Multiple Sites :

Emission unit: tons CO<sub>2</sub>e

Site	Direct GHG emissions (Category 1)	Indirect GHG emissions from energy (Category 2)	Indirect GHG emissions (Category 3~6)
TAISOL ELECTRONICS CO., LTD.	27.5619	95.7608	5221.9354
DongGuan TaiSol Electronics Co., Ltd.	224.9058	1931.9345	30108.9527
Suzhou TaiSol Electronics Co., Ltd.	71.2242	510.7961	2290.7968
SiYang TaiSol Electronics Co., Ltd.	318.0467	4674.8399	2696.0943

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 :	- Identified stakeholder requirements: X Yes <input type="checkbox"/> No - Identified regulation requirements : X Yes <input type="checkbox"/> No - Identified magnitude of emissions : X Yes <input type="checkbox"/> No - Others : No
Purchased power factor:	China: Announcement of the Ministry of Ecology and Environment and the National Bureau of Statistics on the Release of Carbon Dioxide Emission Factors for Electricity in 2021 Taiwan, China, China: Electricity Emission Coefficient in 2023 Announced by the Energy Administration of the Ministry of Economy of Taiwan
Data sources :	<input checked="" type="checkbox"/> The primary data is collected from on-site operation activities. <input type="checkbox"/> Category 3~6 emissions are calculated with estimated data. The secondary data sources are: XX database, <input type="checkbox"/> Others : Product carbon footprint database, International Civil Aviation Organization carbon emission calculator
Verification method:	<input checked="" type="checkbox"/> On-site
Qualified opinion :	No
Others :	No
Verification date :	11.13-15.2024 11.22.2024
Report date :	11.25.2024

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### Verification team and technical review

Lead Verifier : WING.JI

Signature : *wing.ji*

Verifier : Farrah.GAO

Signature : *Farrah Gao*

Roy.Tian

*Roy Tian*

Qunfang.zhang

*Qunfang Zhang*

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.