

Report no. : (TH24-051 / version 1)

Greenhouse Gas Verification Report Opinion

THGHG24051-00

Verification Scope: Jhen Vei Electronic Co., Ltd.
6F., No.18, Ln.609, Sec. 5 Chongxin Rd., Sanchong Dist., New Taipei City 241, 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 : 2023/01/01 to 2023/12/31 (The data is historical data.)

Verification Data :	Direct GHG emissions (category 1):	79.6848 tons CO ₂ e
	Energy indirect GHG emissions (category 2):	856.5085 tons CO ₂ e
	Indirect GHG emissions (category 3~6):	8645.0809 tons CO ₂ e

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 :	3	; Date :	NOV. 13, 2024)
GHG Inventory (version :	3	; Date :	NOV. 12, 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: DEC. 02, 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
Jhen Vei Electronic Co., Ltd.	6F., No.18, Ln.609, Sec. 5 Chongxin Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.)
Huaian Jhen Vei Electronic Co., Ltd.	No. 8, Ecological Road, Economic Development Zone, Lianshui County, Huaian City, Jiangsu Province

Emissions Data for Each Category :

Category	Description of content	GHG emissions (tons CO ₂ e)	Note
(Category 1) Direct GHG emissions	Stationary emissions, Mobile emissions, Fugitive emissions	79.6848	
(Category 2) Indirect GHG emissions from imported energy	Indirect emissions from purchased electricity	856.5085	Location-based
(Category 3) Indirect GHG emissions from transportation	Business travel	15.6372	
(Category 4) Indirect GHG emissions from products used by organization	Upstream emission for business, Waste treatment emissions Waste transport	8629.4437	
(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 CO₂e

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Data for Multiple Sites :

Emission unit: tons CO₂e

Site	Direct GHG missions (Category 1)	Indirect GHG emissions from energy (Category 2)	Indirect GHG emissions (Category 3~6)
Jhen Vei Electronic Co., Ltd.	4.9233	21.4707	20.1966
Huaian Jhen Vei Electronic Co.,Ltd. (Remote auditing)	74.7615	835.0378	8624.8843

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.)
Criteria for significance of indirect emissions :	<ul style="list-style-type: none"> Identified stakeholder requirements: <input checked="" type="checkbox"/>Yes <input type="checkbox"/>No Identified regulation requirements : <input checked="" type="checkbox"/>Yes <input type="checkbox"/>No Identified magnitude of emissions : <input checked="" type="checkbox"/>Yes <input type="checkbox"/>No
Purchased power factor:	<p>Jhen Vei Electronic Co., Ltd. Refer to the 2023 annual power factor announced by the Energy Administration, Ministry of Economic Affairs on 04 26, 24</p> <p>Huaian Jhen Vei Electronic Co.,Ltd. Refer to the national power grid average emission factor (2022) announced by the "Ministry of Ecology and Environment of China" in 2023</p>
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: Carbon Footprint Information Platform(R.O.C), google map, Energy Administration of the Ministry of Environment of the Republic of China, Values announced by China's Ministry of Ecology and Environment, China's General Calculation Rules for Comprehensive Energy Consumption Calorific Value
Verification method:	<input checked="" type="checkbox"/> On-site (Jhen Vei Electronic Co., Ltd.) <input checked="" type="checkbox"/> Remote auditing (Huaian Jhen Vei Electronic Co.,Ltd.)
Qualified opinion :	NO
Others :	NO
Verification date :	NOV. 6, 2024 、 NOV. 7, 2024 、 NOV. 14, 2024
Report date :	NOV. 15, 2024

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Verification team and technical review

Lead Verifier : Kuo-ping Chiao

Signature: 

Verifier : Ai Hou Fu

Signature: 

Independent review : C , Kuang

Signature: 

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.