



Certificate

Certificat

Report no. : (TH23-210 / version 1)

Greenhouse Gas Verification Report Opinion

THGHG23210-00

Verification EASTECH (HUIZHOU) CO., LTD.
Scope: ☒ 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, 2022 To 12 31, 2022

Verification	Direct GHG emissions (category 1):	788.9618	tons CO2e
Verification	Energy indirect GHG emissions (category 2):	11,261.7761	tons CO2e
Data :	Indirect GHG emissions (category 3~6):	4,672.6716	tons CO2e

Global Warming Potential (GWP) : refer to IPCC 2022 Year, the 6 assessment report

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

GHG Inventory report (version :	v1	Date :	AUG. 02.2023)
GHG Inventory (version :	V1	Date :	AUG. 02.2023)

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.01.2023

APPROVED BY

Patrick Ni
Director for Certification
ON BEHALF OF
AFNOR ASIA

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The Geographical Location of Multiple Sites :

Site	Address
HY Factory	DONG FONG DISTRICT, XINXU, HUIYANG, HUIZHOU CITY, GUANGDONG 516226, CHINA
SZ Office	801-802, INTERNATIONAL SCIENCE & TECHNOLOGY BUILDING NO 3007 SHENNAN ZHONG ROAD, FUTIAN DISTRICT SHENZHEN, GUANGDONG 518033, CHINA

Emissions Data for Each Category :

Category	Description of content	GHG emissions (tons CO ₂ e)	Note
(Category 1) Direct GHG emissions	Stationary combustion Mobile combustion Process emissions Fugitive emissions	788.9618	
(Category 2) Indirect GHG emissions from imported energy	Electricity Steam thermal energy Cooling Compressed-air	11,261.7761	Local standard
(Category 3) Indirect GHG emissions from transportation	Fuel and energy transport Upstream transport Downstream transport of product Employee commuting Business travel	2,760.2390	
(Category 4) Indirect GHG emissions from products used by organization	Purchased goods Outsourcing of products Capital goods Service use Waste treatment The use of assets	1,912.4326	
(Category 5) Indirect GHG emissions associated with the use of products from the organization	The use of sold products Treatment for the scrapping of product Downstream leased assets Investment Franchising	/	
(Category 6) Indirect GHG emissions from other sources	OO	NS	

Biomass burning emission : 0.0000 tons CO₂e

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Data for Multiple Sites :

Emission unit: tons CO₂e

Site	Direct GHG emissions (Category 1)	Indirect GHG emissions from energy (Category 2)	Indirect GHG emissions (Category 3~6)
HY Factory	780.2887	10398.4036	2502.6701
SZ Office	8.5642	10.2974	1.9104

Other Related Verification Information

Organization boundaries :	DONG FONG DISTRICT, XINXU, HUIYANG, HUIZHOU CITY, GUANGDONG 516226, CHINA 801-802, INTERNATIONAL SCIENCE & TECHNOLOGY BUILDING NO 3007 SHENNAN ZHONG ROAD, FUTIAN DISTRICT SHENZHEN, GUANGDONG 518033, CHINA
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:	(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 - Others :
Purchased power factor:	
Purchased steam factor :	
Sold power emission factor :	/
Sold steam emission factor :	/
Other factor :	/
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: <input type="checkbox"/> others :
Verification method:	<input checked="" type="checkbox"/> On-site
Qualified opinion :	NO /
Others :	No /
Verification date :	A1: JULY 24-25/2023 A2: AUG.01/2023
Report date :	AUG.03/2023



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Verification team and technical review

Lead Verifier : FRANK JI

簽名 : Wing. Ji

Independent review : Wen-Chin Tsai

簽名 : Wen-Chin Tsai

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.