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Report no. : (TH03-140 / version 1)

Greenhouse Gas Verification Report Opinion

THGHG03140-00

Verification Scope:	National Aerospace Fasteners Corporation No. 1, Tai-ping E. Rd., Xin'an Vil., Pingzhen Dist., Taoyuan City, Taiwan (R.O.C.) No. 5, Tai-ping E. Rd., Xin'an Vil., Pingzhen Dist., Taoyuan City, Taiwan (R.O.C.) No. 38, Ln. 99, Tai-ping W. Rd., Dongshi Vil., Pingzhen Dist., Taoyuan City, Taiwan (R.O.C.)
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 :	2022/01/01~2022/12/31
Verification Data :	Direct GHG emissions (category 1): 396.6929 tons CO2e Energy indirect GHG emissions (category 2): 8,722.2366 tons CO2e Indirect GHG emissions (category 3~6): 2,793.5764 tons CO2e

Global Warming Potential (GWP) : refer to IPCC 2021 Year, the 6th assessment report

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

GHG Inventory report (version : C ; Date : 10 11, 2023)
GHG Inventory (version : C ; Date : 10 11, 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: 10 24, 2023

APPROVED BY

Patrick Ni

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_2e)	Note
(Category 1) Direct GHG emissions	Stationary emissions sources, Mobile emissions sources, Fugitive emissions sources	396.6929	
(Category 2) Indirect GHG emissions from imported energy	Indirect emissions from purchased electricity	8,722.2366	location benchmark
(Category 3) Indirect GHG emissions from transportation	Upstream transport emissions, Downstream transportation of products, Employee commuting, Business travel	1,184.7569	
(Category 4) Indirect GHG emissions from products used by organization	Purchase of products, capital goods, waste disposal	1,608.8195	
(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 CO_2e

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Other Related Verification Information

Organization boundaries: :	operational control
GHG type :	Carbon dioxide (CO_2), Methane (CH_4), Nitrous oxide (N_2O), Hydrofluorocarbon (HFCs), Perfluorocarbon (PFCs), Sulfur hexafluoride (SF_6), Nitrogen trifluoride (NF3)
Purpose of intended use:	Understanding voluntarily the status of GHG emissions as a basis for developing 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: ☒Yes ☐No - Identified regulation requirements : ☒Yes ☐No - Identified magnitude of emissions : ☒Yes ☐No - Others :
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 :	☒ The primary data is collected from on-site operation activities. ☒ Category 3~6 emissions are calculated with estimated data. The secondary data sources are: ERP database ☐ others :
Verification method:	☒On-site
Qualified opinion :	No
Others :	No
Verification date :	09 19, 2023 09 27, 2023
Report date :	10 12, 2023

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Verification team and technical review

Lead Verifier：	**MING-TSAI HSIAO**	簽名： Hsiao Ming-Tsai
Verifier：	**Chien-Chih Lee**	簽名： Chien-Chih Lee
	Yi-Ching Chen	Nancy Chen
Independent review：	**Hsiao-Kuang Ling**	簽名： L. 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.

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