



## VERIFICATION OPINION GREENHOUSE GAS EMISSIONS

茲證明

# 友通資訊股份有限公司

新北市汐止區新台五路一段97號10樓

持有聲明書編號：TWN13006801GT-4/C Rev.1

台灣衛理國際品保驗證股份有限公司對友通資訊股份有限公司所報告的溫室氣體聲明進行了獨立查證，此查證聲明適用於以下描述工作範圍內的相關資訊。

友通資訊股份有限公司負責報告溫室氣體聲明。台灣衛理國際品保驗證股份有限公司的責任為對其所報告溫室氣體聲明的準確性，以及用於蒐集、分析和審查資訊的基礎系統和過程提供獨立查證。

### 查證範圍：

- 友通資訊股份有限公司，位於新北市汐止區新台五路一段 97 號 10 樓及包括汐止工廠與桃園工廠，詳細組織邊界請參閱附件。
- 盤查期間：2022 年 01 月 01 日至 2022 年 12 月 31 日

### 報告邊界及查證數據：

- 類別 1：直接溫室氣體排放量：164.8466 公噸二氧化碳當量
- 類別 2：來自輸入能源之間接溫室氣體排放量：3321.9431 公噸二氧化碳當量
- 類別 3：來自運輸之間接溫室氣體排放量：14379.8895 公噸二氧化碳當量

### 查證意見：

依據台灣衛理國際品保驗證股份有限公司所進行之查證過程與程序，有充分證據顯示友通資訊股份有限公司之溫室氣體聲明為實質正確且公正地呈現溫室氣體數據及相關資訊，以及根據 ISO 14064-1:2018 所準備，符合查證協議之合理保證等級。

技術審查：滿政穎

最初發行日期：14/4/2023

副總經理：李宗哲

版次發行日期：14/4/2023



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**溫室氣體排放及移除資訊：**

**遠雄總部：**新北市汐止區新台五路一段 97 號 10 樓、33 樓之 2

**桃園工廠：**桃園市龜山區山鶯路 157 號 1、3 樓

**新店研發：**新北市新店區寶橋路 233-2 號 10 樓

類別	子類別	說明	tCO <sub>2</sub> e	
類別 1： 直接溫室氣體排放與移除	1.1 固定燃燒之直接排放		0.0000	164.8466
	1.2 移動燃燒之直接排放		8.5351	
	1.3 產業過程產生之直接過程排放與移除		0.0000	
	1.4 人為系統中溫室氣體釋放產生之直接逸散排放		156.3115	
	1.5 土地利用、土地利用變更及林業之直接排放與移除		0.0000	
類別 2： 輸入能源之間接溫室氣體排放	2.1 輸入電力之間接排放	地點基準方法	3321.9431	3321.9431
		市場基準方法	-	
類別 3： 運輸之間接溫室氣體排放	2.2 輸入能源之間接排放		-	14379.8895
	3.1 上游貨物運輸與配送之排放		-	
	3.2 下游貨物運輸與配送之排放		-	
	3.3 員工通勤之排放	量化員工問卷統計結果	14379.8895	
	3.4 客戶和訪客交通之排放		-	
類別 4： 組織使用產品之間接溫室氣體排放	3.5 商務旅行之排放		-	-
	4.1 購入貨物之排放		-	
	4.2 資本貨物之排放		-	
	4.3 固體及液體廢棄物處置之排放		-	
	4.4 資產的使用之排放		-	
類別 5： 與使用組織產品有關之間接溫室氣體排放	4.5 使用上述子類別未提及服務的使用之排放		-	-
	5.1 產品的使用階段之排放或移除		-	
	5.2 下游租賃資產之排放		-	
	5.3 產品的生命結束階段之排放		-	
類別 6： 其它來源之間接溫室氣體排放	5.4 投資之排放		-	-
			-	



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#### 詳細查證範圍：

- 用於進行查證的查證協議：ISO 14064-3:2006
- 盤查期間：2022 年 01 月 01 日至 2022 年 12 月 31 日
- 排放溫室氣體種類：二氧化碳(CO<sub>2</sub>)、甲烷(CH<sub>4</sub>)、氧化亞氮(N<sub>2</sub>O)、氫氟碳化物(HFCs)、全氟碳化物(PFCs)、六氟化硫(SF<sub>6</sub>)、三氟化氮(NF<sub>3</sub>)
- 全球暖化潛勢(GWP)：引用 IPCC 2007 年第四次評估報告
- 外購電力排放係數：引用經濟部能源局 111 年公布之 110 年度電力排碳係數 0.509 KgCO<sub>2</sub>e/kWh
- 彙總排放量的方法：營運控制
- 盤查清冊版本：20230215
- 盤查報告版本：20230216

#### 查證方法：

依據風險評估及取樣計畫，對友通資訊股份有限公司進行現場訪視，訪談有關人員，審查其產生的文件證據；於友通資訊股份有限公司的辦公室及現場，審查蒐集、彙總及分析的方法、資訊系統和數據；以及稽核友通資訊股份有限公司用於決定溫室氣體聲明的數據樣本。

#### 查證作業實施日期：

- 112 年 02 月 07~08 日

#### 查證小組：

- 主導查證員：劉志浩
- 查證員：陳俊宏、張家帆(劉建宏見證)

*Chen J. H.*

*Brian Chen C.F. Chang Lin*

#### 免責聲明/保密性聲明/利益衝突迴避聲明

本查證聲明，包括本文所表達的意見，僅為根據與友通資訊股份有限公司雙方之查證協議提供。台灣衛理國際品保驗證股份有限公司(Bureau Veritas Certification Taiwan)同意友通資訊股份有限公司將此聲明提供其預期使用者以說明溫室氣體排放資訊，但不接受或承擔任一方使用本聲明做為決策之任何責任。本查證聲明及附件內容可能包含屬於友通資訊股份有限公司之機密資訊，未經友通資訊股份有限公司書面同意，其他個人、團體或公司禁止自行複製或發行。台灣衛理國際品保驗證股份有限公司(Bureau Veritas Certification Taiwan)與友通資訊股份有限公司並無財務投資之關係，符合利益衝突迴避之要求。



## VERIFICATION STATEMENT GREENHOUSE GAS EMISSIONS

This is to verify that

# DFI Inc.

10F, No.97, Sec.1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221416, Taiwan (R.O.C.)

Holds Statement No: TWN13006801GT-4/E Rev.1

Bureau Veritas Certification (Taiwan) Co., Ltd. was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by DFI INC. for the period stated below. This Verification Statement applies to the related information included within the scope of work described below.

The determination of the GHG emissions is the sole responsibility of DFI INC. BVC's sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported, and on the underlying systems and processes used to collect, analyze and review the information.

### Boundaries of the reporting company GHG emissions covered by the verification:

- DFI INC. at 10F., No.97, Sec.1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221416, Taiwan (R.O.C.) and please refer to the attachment for detail information.
- Period covered by GHG emissions verification: January 1, 2022 to December 31, 2022

### Emissions data verified:

- Category 1 - Direct GHG emissions: 164.8466 tCO<sub>2</sub>e
- Category 2 - Indirect GHG emissions from imported energy: 3321.9431 tCO<sub>2</sub>e
- Category 3 - Indirect GHG emissions from transportation: 14379.8895 tCO<sub>2</sub>e

### Level of Assurance and Qualifications:

- Reasonable assurance (Category 1, 2, 3)
- This verification used a materiality threshold of 5% for aggregate errors in sampled data for each of the above indicators

### Assurance Opinion:

Based on the process and procedures conducted, we conclude that the GHG statement is materially correct and is a fair representation of the GHG data and information, and is prepared in accordance with the ISO 14064-1:2018.

It is our opinion that DFI INC. has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.

Ryan Man, Technical Reviewer  
Originally Issue: 14/4/2023

Andrew Lee, CER Manager  
Latest Issue: 14/4/2023



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Holds Statement No: TWN13006801GT-4/E Rev.1  
Latest Issue: 14/4/2023



# Greenhouse Gas Statement

DFI Inc. : 10F&33F-2., No.97, Sec.1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221416, Taiwan (R.O.C.)

DFI Inc. FACTORY : 1&3F., No 157,Shanying Rd., Guishan Dist., Taoyuan City 333424, Taiwan (R.O.C.)

DFI Inc. Xindian : 10F., No.233-2 ,Baoqiao Rd., Xindian Dist., New Taipei City 231406, Taiwan (R.O.C.)

Category	Subcategorization	Opinion	tCO <sub>2</sub> e	
Category 1: Direct GHG emissions and removals.	1.1 Direct emissions from stationary combustion.		0.0000	164.8466
	1.2 Direct emissions from mobile combustion.		8.5351	
	1.3 Direct process emissions and removals from industrial processes.		0.0000	
	1.4 Direct fugitive emissions from the release of GHGs in anthropogenic systems.		156.3115	
	1.5 Direct emissions and removals from land use, land use change and forestry.		0.0000	
Category 2: Indirect GHG emissions from imported energy	2.1 Indirect emissions from imported electricity.	Location Base :	3321.9431	3321.9431
	2.2 Indirect emissions from imported energy	Market Base :	-	
Category 3: Indirect GHG emissions from transportation	3.1 Emissions from upstream transport and distribution for goods.		-	14379.8895
	3.2 Emissions from downstream transport and distribution for goods.		-	
	3.3 Emissions from employee commuting.	Quantify the statistical results of employee questionnaires	14379.8895	
	3.4 Emissions from client and visitor transport.		-	
	3.5 Emissions from business travel		-	
Category 4: Indirect GHG emissions from products used by organization	4.1 Emissions from purchased goods.		-	-
	4.2 Emissions from capital goods.		-	
	4.3 Emissions from the disposal of solid and liquid waste.		-	
	4.4 Emissions from the use of assets		-	
Category 5: Indirect GHG emissions associated with the use of products from the organization	4.5 Emissions from the use of services that are not described in the above subcategories.		-	-
	5.1 Emissions or removals from the use stage of the product.		-	
	5.2 Emissions from downstream leased assets.		-	
	5.3 Emissions from end of life stage of the product.		-	
Category 6: Indirect GHG emissions from other sources	5.4 Emissions from investments.		-	-
			-	



Holds Statement No: TWN13006801GT-4/E Rev.1  
Latest Issue: 14/4/2023



**GHG Verification Protocols used to conduct the verification:**

- ISO 14064-3: Greenhouse gases -- Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions
- Period covered by GHG emissions verification: January 1, 2022 to December 31, 2022
- GHG covered: Carbon dioxide (CO<sub>2</sub>), Methane (CH<sub>4</sub>), Nitrous oxide (N<sub>2</sub>O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulfur hexafluoride (SF<sub>6</sub>) and Nitrogen trifluoride (NF<sub>3</sub>)
- Global warming potential (GWP): 2007 IPCC Fourth Assessment Report (AR4)
- Electricity Emission Factor: 2021 Electricity Retailing Utility Enterprise Electricity Carbon Emission Factor (0.509 KgCO<sub>2</sub>e/kWh) published by Bureau of Energy, Ministry of Economic Affairs, R.O.C.
- Approach for consolidating GHG emissions: Operational Control
- GHG Inventory: 20230215
- GHG Report: 20230216

**GHG Verification Methodology:**

- Interviews with relevant personnel of DFI INC.;
- Review of documentary evidence produced by DFI INC.;
- Review of DFI INC. data and information systems and methodology for collection, aggregation, analysis and review of information used to determine GHG emissions at DFI INC. Headquarters and during site visits to DFI Inc. FACTORY ; and
- Audit of sample of data used by DFI INC. to determine GHG emissions.

**Verification Team:**

- Lead Verifier: Carter Liu 
- Verifier: Brian Chen 
- Verifier: C.F. Chang (Witness by Chris Liu) 

**Statement of independence, impartiality and competence**

*The Bureau Veritas Group is an independent professional services company that specializes in Quality, Health, Safety, Social and Environmental management with over 190 years history in providing independent assurance services.*

*No member of the verification team has a business relationship with DFI INC., its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.*

*The Bureau Veritas Group has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.*

*The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of The Bureau Veritas Group standard methodology for the verification of greenhouse gas emissions data.*

*This verification statement, including the opinion expressed herein, is provided to DFI INC. and is solely for the benefit of DFI INC. in accordance with the terms of our agreement. We consent to the release of this statement by you to others interest party in order to satisfy the terms of disclosure requirements but without accepting or assuming any responsibility or liability on our part to any other party who may have access to this statement.*

**Bureau Veritas Certification (Taiwan) Co., Ltd.**

3F-B, No. 16, Nanjing E. Rd., Sec. 4, Taipei 10553, Taiwan R.O.C.  
+886-2-2570 7655

Page 3 of 3  
Ver.20220316