

溫室氣體查驗意見書

2024 年溫室氣體排放資訊

全新光電科技股份有限公司平鎮廠

324 桃園市平鎮區平鎮工業區工業一路 16 號

經本公司依據 ISO 14064-3:2019 完成查驗，提出經修改之查驗意見，其符合下列標準要求

ISO 14064-1:2018

直接溫室氣體排放量

571.8762 公噸二氧化碳當量

間接溫室氣體排放量

11,044.9460 公噸二氧化碳當量

直接與間接溫室氣體總排放量

11,616.822 公噸二氧化碳當量

簽署人

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日期: 2025年06月27日

版次:1

TGP56B-15-1 2501

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Validation and Verification

VB002

【全廠/集團各類別溫室氣體排放量】

單位：公噸二氧化碳當量

報告邊界		溫室氣體排放量
類別	內容說明	
直接溫室氣體排放	固定燃燒直接排放	0.9642
	移動燃燒直接排放	0.4632
	工業製程直接製程排放及移除	510.8440
	人為系統中溫室氣體釋放產生直接逸散排放	59.6048
	土地利用變更和森林直接排放和移除	--
間接溫室氣體排放	輸入能源溫室氣體排放	9,160.3344
	運輸溫室氣體排放	4.2307
	組織使用產品溫室氣體排放	1,880.3809
	使用來自於組織產品溫室氣體排放	--
	其他來源溫室氣體排放	--
直接與間接溫室氣體總排放量		11,616.822

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2024 of

Visual Photonics Epitaxy Co., Ltd. (Pingzen Factory)

No.16, Gongye 1st Rd., PingzhenIndustrial Zone, Pingzhen Dist. 324
Taoyuan City, Taiwan (R.O.C.)

has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of

ISO 14064-1:2018

Opinion Type: Modified

Direct emissions

571.8762 tonnes of CO₂e

Indirect emissions

11,044.9460 tonnes of CO₂e

Direct emissions and indirect emissions

11,616.822 tonnes of CO₂e

Authorized by



Stephen Pao

Business Assurance Director

Date: 27 June 2025

Version 1

TGP56B-15-1 2501

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The emission of each category is described as below:

Unit: tonnes of CO₂e

Reporting Boundaries		GHG Emissions	
Inventory categories	Description		
Direct emissions		Direct emissions from stationary combustion	0.9642
		Direct emissions from mobile combustion	0.4632
		Direct process emissions and removals from industrial processes	510.8440
		Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	59.6048
		Direct emissions and removals from land use, land use change and forestry	--
Indirect emissions	Imported energy	Purchased Electricity	9,160.3344
	Transportation	Waste Transportation	4.2307
	Products used by an organization	Purchased Electricity	1,880.3809
	Associated with the use of products from the organization	--	--
	Other sources	--	--
Direct emissions and indirect emissions			11,616.822