

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二廠

324 桃園市平鎮區平鎮工業區工業一路 15 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

30.5926 公噸二氧化碳當量

間接溫室氣體排放量

6,812.3744 公噸二氧化碳當量

直接與間接溫室氣體總排放量

6,842.967 公噸二氧化碳當量

簽署人

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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	0.3909	
	移動燃燒直接排放	--	
	工業製程直接製程排放及移除	1.9781	
	人為系統中溫室氣體釋放產生直接逸散排放	28.2236	
	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	5,650.5540	
	運輸溫室氣體排放	廢棄物運輸(營運大貨車)	1.9071
	組織使用產品溫室氣體排放	外購電力上游	1,159.9133
	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		6,842.967	

Greenhouse Gas Verification Opinion

The inventory of Greenhouse Gas emissions in year 2024 of

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

No.15, 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

30.5926 tonnes of CO₂e

Indirect emissions

6,812.3744 tonnes of CO₂e

Direct emissions and indirect emissions

6,842.967 tonnes of CO₂e

Authorized by

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Business Assurance Director

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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	0.3909
		Direct emissions from mobile combustion	--
		Direct process emissions and removals from industrial processes	1.9781
		Direct fugitive emissions arise from the release of GHGs in anthropogenic systems	28.2236
		Direct emissions and removals from land use, land use change and forestry	--
Indirect emissions	Imported energy	Purchased Electricity	5,650.5540
	Transportation	Waste Transportation	1.9071
	Products used by an organization	Purchased Electricity	1,159.9133
	Associated with the use of products from the organization	--	--
	Other sources	--	--
Direct emissions and indirect emissions			6,842.967