

Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Alchip Technologies, Limited.
PO Box 309
Ugland House, Grand Cayman
KY 1104
Cayman Islands

英屬開曼群島商世芯電子股份有限公司

Holds Statement No: GHGEV 820845

Verification opinion statement

As a result of carrying out verification and validation procedures in accordance with ISO 14064-3:2019, it is the statement for mixed engagement including reasonable assurance for verification activity as well as validation and agreed-upon procedures (AUP) contains the following:

- The Greenhouse Gas Emissions with Alchip Technologies, Limited for the period from 2024-01-01 to 2024-12-31 was verified and validated.
- The verified organization-level greenhouse gas emissions include direct greenhouse gas emissions 3.821 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 230.735 tonnes of CO₂ equivalent.
- Alchip Technologies, Limited has defined and explained its own process and pre-determined criteria for significance of indirect Greenhouse Gas Emissions and quantify and report these identified significant emissions accordingly.

For and on behalf of BSI:



Managing Director BSI Taiwan, Peter Pu

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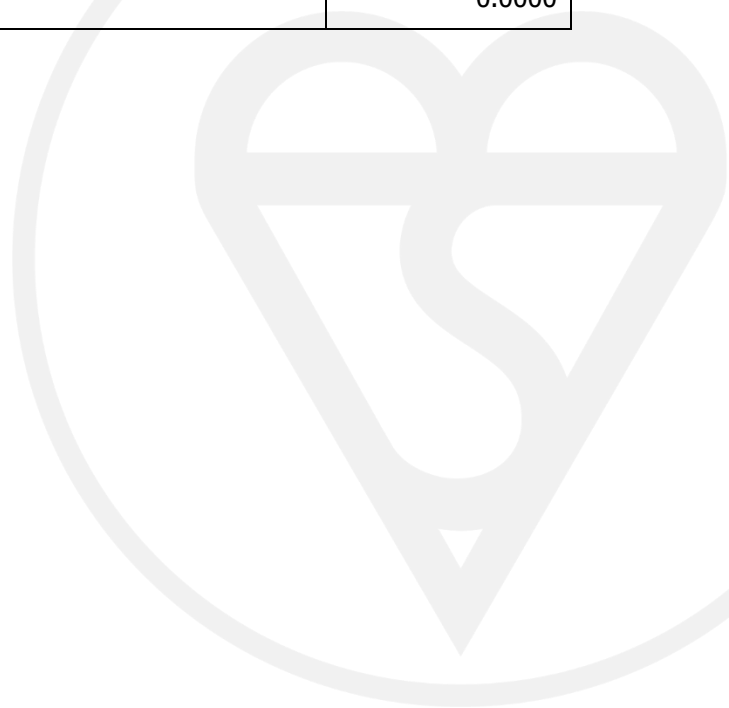
The British Standards Institution is independent to the above named client and has no financial interest in the above named client. This Opinion Statement has been prepared for the above named client only for the purposes of verifying its statements relating to its carbon emissions more particularly described in the scope. It was not prepared for any other purpose. The British Standards institution will not, in providing this Opinion Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used or to any person by whom the Opinion Statement may be read. This Opinion Statement is prepared on the basis of review by The British Standards Institution of information presented to it by the above named client. The review does not extend beyond such information and is solely based on it. In performing such review, The British Standards Institution has assumed that all such information is complete and accurate. Any queries that may arise by virtue of this Opinion Statement or matters relating to it should be addressed to the above name client only.

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The Greenhouse Gas Emissions Verification activities are based on reasonable level of assurance:

- The data and information of greenhouse gas emissions are based on historical in nature, and no material misstatements for the period from 2024-01-01 to 2024-12-31 Greenhouse Gas Emissions calculation were revealed.
- Data quality was considered acceptable in meeting the principles as set out in ISO 14064-1:2018.
- The emission factor for electricity of year 2024 is 0.474 kgCO₂e per kWh.

EMISSIONS		Notes	tonnes CO ₂ e
Category 1: Direct GHG emissions and removals			3.821
1.1	Stationary combustion		0.0000
1.2	Mobile combustion		0.0000
1.3	Industrial processes (anthropogenic systems)		0.0000
1.4	Fugitive (anthropogenic systems)		3.8211
1.5	Land use, land use change and forestry		0.0000
Direct emissions in tonnes of CO ₂ e from biomass			0.0000
Category 2: Indirect GHG emissions from imported energy			230.735
2.1	Indirect emissions from imported electricity	location-based approach	230.7351
Renewable Electricity purchased in kWh with contractual instruments compliant with ISO 14064-1 Annex E		Power Purchase Agreements:	10,000 kWh
	Indirect emissions from imported electricity	market-based approach	225.9951
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0.0000



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Agreed-upon procedures (AUP)

- AUP are specific types of verification activities, BSI have performed the evidence-gathering procedures for the period from 2024-01-01 to 2024-12-31.
- BSI do not express any assurance on the GHG emissions, removals and storage in listed below.

EMISSIONS		Notes	AUP Item(s)	tonnes CO ₂ e
Category 3: Indirect GHG emissions from transportation				60.628
3.3	Emissions from Employee commuting	Use the Distance-based method	Car: 320,124.8 pkm Motorcycle: 187,784.8 pkm MRT: 66,593.108 pkm Train: 43,109.6 pkm Bus: 14,990.2 pkm	60.6282
Category 4: indirect GHG emissions from products used by organization				49.663
4.1	Emissions from Purchased goods	Use the Average-data method (Only imported energy is included)	Imported energy: 486,782.8254 kWh	47.3640
4.3	Emissions from the disposal of solid and liquid waste	Use the Waste-type-specific method and the distance-based method	Solid Waste (Incineration): 6.3786 tonnes Road transport: 111.1088 tkm	2.2985

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The direct GHG emissions and removals(cat.1) and indirect GHG emissions from imported energy emissions(cat.2) were verified in selected branches and representative offices, including but not limited to the following:

Locations	Verification Information
Alchip Technologies, Limited, Taiwan Branch 9F., No. 12, Wenhua St., Neihu Dist. Taipei City, 11445, Taiwan	The Greenhouse Gas Emissions with Alchip Technologies, Limited for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 3.821 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 230.735 tonnes of CO ₂ equivalent.
11F.-1 & 3F.-3, No. 1, Taiyuan 1st St. Zhubei City, Hsinchu County, 302082, Taiwan 英屬開曼群島商世芯股份有限公司台灣分公司 台灣台北市內湖區文湖街 12 號 9 樓 台灣新竹縣竹北市台元一街 1 號 3 樓之 3、11 樓之 1	
Alchip Technologies, Inc. 9F., No. 12, Wenhua St., Neihu Dist. Taipei City 11445, Taiwan 世芯電子股份有限公司 台灣台北市內湖區文湖街 12 號 9 樓	

The 2 sites of Alchip Technologies, Limited are included.
涵蓋英屬開曼群島商世芯電子股份有限公司共 2 個據點

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