

bsi.

Opinion Statement



Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Powerchip Semiconductor Manufacturing Corporation 8A+8AD
No. 18, Li-Hsin Rd. 1
Hsinchu Science Park
Hsinchu City
30078
Taiwan

力晶積成電子製造股份有限公司
8A+8AD
台灣
新竹市
新竹科學工業園區
力行一路 18 號
30078

Holds Statement No: GHGEV 1734

Verification opinion statement

As a result of carrying out verification procedures in accordance with ISO 14064-3:2006, it is the opinion of BSI with reasonable assurance that:

- The Greenhouse Gas Emissions with the Powerchip Semiconductor Manufacturing Corporation 8A+8AD for the period from 2019-01-01 to 2019-12-31 is 122,993.331 tonnes of CO₂ equivalent, including scope 1 emissions 27,164.2209 tonnes of CO₂ equivalent and scope 2 emissions 95,829.1098 tonnes of CO₂ equivalent.
- No material misstatements for the period from 2019-01-01 to 2019-12-31 Greenhouse Gas Emissions calculation were revealed.
- Data quality was considered acceptable in meeting the principles as set out in ISO/CNS 14064-1:2006 and the GHG Validation and Verification Guideline (行政院環保署溫室氣體查驗指引:2010).
- The emission factor for electricity of year 2019 is 0.509 kilograms of Carbon Dioxide equivalent per kWh.

The verification process was subject to the following limitation(s): Information about the Direct Actions has not been verified.

The total emissions were verified in selected branches and representative offices, including but not limited to the following:

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

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Location	Verification Information
Powerchip Semiconductor Manufacturing Corporation 8A No. 18, Li-Hsin Rd. 1 Hsinchu Science Park Hsinchu City 30078 Taiwan 力晶積成電子製造股份有限公司 8A 台灣 新竹市 新竹科學工業園區 力行一路 18 號 30078	The Greenhouse Gas Emissions with the Powerchip Semiconductor Manufacturing Corporation 8A for the period from 2019-01-01 to 2019-12-31 is 116,092.766 tonnes of CO ₂ equivalent, including scope 1 emissions 26,843.9193 tonnes of CO ₂ equivalent and scope 2 emissions 89,248.8469 tonnes of CO ₂ equivalent.
Powerchip Semiconductor Manufacturing Corporation 8AD 4F, No. 10, Duxing 1st Rd. Hsinchu Science Park Hsinchu City 30078 Taiwan 力晶積成電子製造股份有限公司 8AD 臺灣 新竹市 科學工業園區 篤行一路 10 號 4 樓 30078	The Greenhouse Gas Emissions with the Powerchip Semiconductor Manufacturing Corporation 8AD for the period from 2019-01-01 to 2019-12-31 is 6,900.565 tonnes of CO ₂ equivalent, including scope 1 emissions 320.3016 tonnes of CO ₂ equivalent and scope 2 emissions 6,580.2629 tonnes of CO ₂ equivalent.

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