

Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: ZIG SHENG INDUSTRIAL CO., LTD.
2F, No. 70, Xining N. Rd.
Datong Dist.
Taipei City
103601
Taiwan

集盛實業股份有限公司
台灣
台北市
大同區
西寧北路 70 號 2 樓
103601

Holds Statement No: GHGEV 784776

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 ZIG SHENG INDUSTRIAL CO., LTD. for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 183.7713 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 18,600.1895 tonnes of CO₂ equivalent.
- No material misstatements for the period from 2022-01-01 to 2022-12-31 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 for year 2022 is not published by Taiwan government so far, the emission factor used for electricity is 0.509 kilograms of Carbon Dioxide equivalent per kWh instead which may potentially result in different Greenhouse Gas Emission estimates.

The other selected indirect GHG emissions listed in the attached table on the next page were also reported and thus verified with limited assurance, and data quality was not considered unacceptable in meeting the principles as set out in ISO 14064-1: 2018.



For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

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The greenhouse gas emissions information reported by the organization for the period from 2022-01-01 to 2022-12-31 is as follows:

EMISSIONS		Notes	tonnes CO ₂ e
Category 1: Direct GHG emissions and removals			183.7713
1.1	Stationary combustion		13.9910
1.2	Mobile combustion		0.0109
1.3	Industrial processes (anthropogenic systems)		45.0333
1.4	Fugitive (anthropogenic systems)		124.7361
1.5	Land use, land use change and forestry	N/A	-
Direct emissions in tonnes of CO ₂ e from biomass			0.0000
Category 2: Indirect GHG emissions from imported energy			18,600.1895
2.1	Indirect emissions from imported electricity	location-based approach	18,600.1895
2.2	Indirect emissions from imported energy (steam)		0
Category 4: indirect GHG emissions from products used by organization			3,223.0584
4.1	Emissions from Purchased goods	Emissions from purchased electricity	3,223.0584
4.2	Emissions from Capital goods	NS	-
4.3	Emissions from the disposal of solid and liquid waste	NS	-
4.4	Emissions from the use of assets	NS	-
4.5	Emissions from the use of services that are not described in the above subcategories	NS	-

* NS: Non significant; N/A: Non available.

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

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Taiwan Headquarters: 2nd Floor, No. 37, Ji-Hu Rd., Nei-Hu Dist., Taipei 114, Taiwan, R.O.C.
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Verification Information

ZIG SHENG INDUSTRIAL CO., LTD. Taipei Office
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103601
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集盛實業股份有限公司台北辦事處
台灣
台北市
大同區
西寧北路 70 號 2 樓
103601

The Greenhouse Gas Emissions with Taipei office for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 29.4020 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 74.5950 tonnes of CO₂ equivalent.

KWEI SHAN 1st Factory district
No. 60, 60-1, Dongwanshou Rd.
Xinling Li, Kweishan Dist.
Taoyuan City
333025
Taiwan
集盛實業股份有限公司龜山一廠
台灣
桃園市
龜山區新嶺里
東萬壽路 60、60-1 號
333025

The Greenhouse Gas Emissions with the KWEI SHAN 1st Factory district for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 117.3701 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 14,594.8624 tonnes of CO₂ equivalent.

KUAN YIN 4th Factory district
No. 2, Ronggong S. Rd.
Kuanyin Dist.
Taoyuan City
328453
Taiwan
集盛實業股份有限公司觀音四廠
台灣
桃園市
觀音區
榮工南路 2 號
328453

The Greenhouse Gas Emissions with the KUAN YIN 4th Factory district for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 36.9992 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 3,930.7321 tonnes of CO₂ equivalent.

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