

Opinion Statement

Greenhouse Gases Emissions Verification Opinion Statement

This is to verify that: ZIG SHENG INDUSTRIAL CO., LTD.
2F., No. 70, Xining N. Rd.
Datong Dist.
Taipei City
10342
Taiwan, R.O.C.

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
10342

Holds Statement No: GHGEV 1241

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 ZIG SHENG INDUSTRIAL CO. LTD. for the period from 01/01/2016 to 31/12/2016 is 222,933.959 tonnes of CO₂ equivalent, including scope 1 emissions 37,965.2665 tonnes of CO₂ equivalent and scope 2 emissions 184,968.6927 tonnes of CO₂ equivalent.
- No material misstatements for 01/01/2016 to 31/12/2016 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 for the year 2016 is not published by Taiwan government so far, the emission factor used for electricity is 0.528 kilograms of Carbon Dioxide equivalent per kWh instead which may potentially result in different Greenhouse Gas Emission estimates.



For and on behalf of BSI:

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Validation and Verification
VB 001

...making excellence a habit.

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Location	Verification Information
ZIG SHENG INDUSTRIAL CO., LTD. 2F, No. 70, Xining N. Rd. Datong Dist. Taipei City 10342 Taiwan, R.O.C. 集盛實業股份有限公司 台北市 大同區 西寧北路 70 號 2 樓 10342	The Greenhouse Gas Emissions with the ZIG SHENG INDUSTRIAL CO. LTD. for the period from 01/01/2016 to 31/12/2016 is 222,933.959 tonnes of CO ₂ equivalent, including scope 1 emissions 37,965.2665 tonnes of CO ₂ equivalent and scope 2 emissions 184,968.6927 tonnes of CO ₂ equivalent.
KWEI SHAN 1st Factory district No. 60, 60-1, Dongwanshou Rd. Xinling Li Kweishan Dist. Taoyuan City 33355 Taiwan, R.O.C. 龜山一廠 桃園市 龜山區 新嶺里 東萬壽路 60、60-1 號 33355	The Greenhouse Gas Emissions for the period from 01/01/2016 to 31/12/2016 is 18,586.891 tonnes of CO ₂ equivalent, including scope 1 emissions 186.7249 tonnes of CO ₂ equivalent and scope 2 emissions 18,400.1664 tonnes of CO ₂ equivalent.
KUAN YIN 2nd Factory district No. 552, Sec. 1, Chenggong Rd. Kuanyin Dist. Taoyuan City 32844, Taiwan, R.O.C. 觀音二廠 桃園市 觀音工業區 成功路一段 522 號 32844	The Greenhouse Gas Emissions for the period from 01/01/2016 to 31/12/2016 is 52,271.679 tonnes of CO ₂ equivalent, including scope 1 emissions 16,647.1485 tonnes of CO ₂ equivalent and scope 2 emissions 35,624.5307 tonnes of CO ₂ equivalent.

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Location	Verification Information
KUAN YIN 3th Factory district (dormitory incl.) No. 506, Sec. 1, Chenggong Rd. Kuanyin Dist. Taoyuan City 32844 Taiwan, R.O.C. 觀音三廠 桃園市 觀音工業區 成功路一段 506 號	The Greenhouse Gas Emissions for the period from 01/01/2016 to 31/12/2016 is 80,470.377 tonnes of CO ₂ equivalent, including scope 1 emissions 17,415.6578 tonnes of CO ₂ equivalent and scope 2 emissions 63,054.7194 tonnes of CO ₂ equivalent.
KUAN YIN 4th Factory district No. 2, Ronggong S. Rd. Kuanyin Dist. Taoyuan City 32849 Taiwan, R.O.C. 觀音四廠 桃園市 觀音工業區 榮工南路 2 號 32849	The Greenhouse Gas Emissions for the period from 01/01/2016 to 31/12/2016 is 8,236.282 tonnes of CO ₂ equivalent, including scope 1 emissions 156.4035 tonnes of CO ₂ equivalent and scope 2 emissions 8,079.8784 tonnes of CO ₂ equivalent.
DAYUAN 5th Factory district No. 17, Dagong Rd. Dayuan Dist. Taoyuan City 33759 Taiwan, R.O.C. 大園五廠 桃園市 大園區 大工路 17 號 33759	The Greenhouse Gas Emissions for the period from 01/01/2016 to 31/12/2016 is 63,368.730 tonnes of CO ₂ equivalent, including scope 1 emissions 3,559.3318 tonnes of CO ₂ equivalent and scope 2 emissions 59,809.3978 tonnes of CO ₂ equivalent.

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