



Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Powertech Technology Inc.
No.10, Datong Rd.
Hsinchu Industrial Park
Hukou, Hsinchu 303035
Taiwan

力成科技股份有限公司
臺灣
新竹縣
湖口鄉
新竹工業區大同路 10 號
303035

Holds Statement No: GHGEV 790766

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 Powertech Technology Inc. for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 14,452.8714 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 377,208.7165 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 of year 2022 is 0.495 kgCO₂ per kWh.

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

Originally Issue: 2023-07-24

Latest Issue: 2023-07-24

Page: 1 of 4

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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			14,452.8714
1.1	Stationary combustion		773.9055
1.2	Mobile combustion		120.5105
1.3	Industrial processes(anthropogenic systems)		8,969.1373
1.4	Fugitive(anthropogenic systems)		4,589.3181
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			377,208.7165
2.1	Indirect emissions from imported electricity	location-based approach	377,208.7165
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0.0000
Category 3: Indirect GHG emissions from transportation			23,655.7150
3.1	Emissions from upstream transport and distribution for goods	International air and domestic land freight	277.8052
3.2	Emissions from Downstream transport and distribution for goods	International air and domestic land freight	14,112.2821
3.3	Emissions from Employee commuting	Estimated based on cars & motorcycles	9,192.7092
3.4	Emissions from Client and visitor transport	NS	
3.5	Emissions from Business travels	Estimated international airplane expenses	72.9185
Category 4: indirect GHG emissions from products used by organization			301,732.4444
4.1	Emissions from Purchased goods	Upstream emissions of fuel, purchased electricity	67,413.7388
4.2	Emissions from Capital goods		231,525.5481
4.3	Emissions from the disposal of solid and liquid waste	Solid and liquid waste	985.1296
4.4	Emissions from the use of assets	Foreign dormitory rented	1,808.0279
4.5	Emissions from the use of services that are not described in the above subcategories	NS	
Category 5: indirect GHG emissions associated with the use of products from the organization			315.0771
5.1	Emissions or removals from the use stage of the product	NS	
5.2	Emissions from downstream leased assets	Convenience store leased	315.0771
5.3	Emissions from end of life stage of the product	NS	
5.4	Emissions from investments	NS	

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

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Statement No: GHGEV 790766

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

Location	Verification Information
<p>Powertech Technology Inc. Plant 1 No.879, Litoushan Sec., Wunshan Rd. Hsinpu, Hsinchu, Taiwan. 力成科技股份有限公司新埔一廠 (P1 廠) 台灣新竹縣新埔鎮文山路犁頭山段 879 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. Plant 1 for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 662.2458 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 21,788.7120 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. Plant 2 No.7 & 7-1 Sanmin Rd., Hsinchu Industrial Park Hukou, Hsinchu, Taiwan. 力成科技股份有限公司湖口廠 (P2 廠) 台灣新竹縣湖口鄉新竹工業區三民路 7、7-1 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. Plant 2 for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 177.7722 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 47,265.8046 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. Plant 3A3B No.26, Datong Rd., Hsinchu Industrial Park Hukou, Hsinchu, Taiwan. 力成科技股份有限公司大同廠 (3A3B 廠) 台灣新竹縣湖口鄉新竹工業區大同路 26 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. Plant 3A3B for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 4,529.5946 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 83,331.1908 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. HQ/Plant 3C No.10, Datong Rd., Hsinchu Industrial Park Hukou, Hsinchu, Taiwan. 力成科技股份有限公司 3C 廠 (3C 廠) 台灣新竹縣湖口鄉新竹工業區大同路 10 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. HQ/Plant 3C for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 2,802.6021 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 80,544.8606 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. Plant 3D No.15, Datong Rd., Hsinchu Industrial Park Hukou, Hsinchu, Taiwan. 力成科技股份有限公司 3D 廠 (3D 廠) 台灣新竹縣湖口鄉新竹工業區大同路 15 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. Plant 3D for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 768.1985 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 8,016.0300 tonnes of CO₂ equivalent.</p>

Originally Issue: 2023-07-24

Latest Issue: 2023-07-24

Page: 3 of 4

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Location	Verification Information
<p>Powertech Technology Inc. HSP Plant I (Plant 8) No.15, Li-Hsin 3rd Rd., Hsinchu Science-Based Park Hsinchu, Taiwan. 力成科技股份有限公司竹科分公司 (P8 廠) 台灣新竹市新竹科學園區力行三路 15 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. HSP Plant I (Plant 8) for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 1,385.5920 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 22,562.9984 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. Plant 9 NO.4, Wenhua Rd., Hsinchu Industrial Park Hukou, Hsinchu, Taiwan. 力成科技股份有限公司文化一廠 (P9 廠) 台灣新竹縣湖口鄉文化路 4 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. Plant 9 for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 1,847.1319 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 57,474.8312 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. Plant 10 No. 458-28, Xinxing Rd., Hsinchu Industrial Park Hukou, Hsinchu, Taiwan. 力成科技股份有限公司新興廠 (P10 廠) 台灣新竹縣湖口鄉新興路 458 之 28 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. Plant 10 for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 1,156.6192 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 38,486.8440 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. HSP Plant II (Plant 11A) No.9, Li-Hsin 4th Rd., Hsinchu Science-Based Park Hsinchu, Taiwan. 力成科技股份有限公司竹科二廠 (P11A 廠) 台灣新竹市新竹科學園區力行四路 9 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. HSP Plant II (Plant 11A) for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 440.0218 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 6,870.4020 tonnes of CO₂ equivalent.</p>
<p>Powertech Technology Inc. HSP Plant III (Plant 11B) No.29, Li-Hsin 4th Rd., Hsinchu Science-Based Park Hsinchu, Taiwan. 力成科技股份有限公司竹科三廠 (P11B 廠) 台灣新竹市新竹科學園區力行四路 29 號</p>	<p>The Greenhouse Gas Emissions with Powertech Technology Inc. HSP Plant III (Plant 11B) for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 683.0933 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 10,867.0429 tonnes of CO₂ equivalent.</p>