

Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: TA-I TECHNOLOGY CO., LTD.
No. 4, Ln. 17, Sec. 3, Nanshan Rd.
Luzhu Dist.
Taoyuan City
338011
Taiwan

大毅科技股份有限公司
臺灣
桃園市
蘆竹區
南山路三段 17 巷 4 號
338011

Holds Statement No: GHGEV 787871

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 TA-I TECHNOLOGY CO., LTD. for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 437.676 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 25,405.361 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 the 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

Originally Issue: 2023-06-16

Latest Issue: 2023-06-16

Page: 1 of 3

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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			437.676
1.1	Stationary combustion		3.7889
1.2	Mobile combustion		3.0093
1.3	Industrial processes(anthropogenic systems)		0.0000
1.4	Fugitive(anthropogenic systems)		430.8779
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			25,405.361
2.1	Indirect emissions from imported electricity	location-based approach	25,405.3607
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0.0000
Category 3: Indirect GHG emissions from transportation			116.314
3.1	Emissions from upstream transport and distribution for goods	Only international air and sea freight	2.5167
3.2	Emissions from Downstream transport and distribution for goods	Only domestic transfer	94.5118
3.3	Emissions from Employee commuting	NS	
3.4	Emissions from Client and visitor transport	NS	
3.5	Emissions from Business travels	Estimated based on business travel expenses(domestic)	19.2851
Category 4: indirect GHG emissions from products used by organization			4,488.042
4.1	Emissions from Purchased goods	Paper Electricity	4,405.3069
4.2	Emissions from Capital goods	NS	
4.3	Emissions from the disposal of solid and liquid waste	Solid waste only	82.7350
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.

Originally Issue: 2023-06-16

Latest Issue: 2023-06-16

Page: 2 of 3

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Location	Verification Information
TA-I TECHNOLOGY CO., LTD. (Nanshan) No. 4, Ln. 17, Sec. 3, Nanshan Rd. Luzhu Dist., Taoyuan City 338011, Taiwan 大毅科技股份有限公司南山廠 338011 桃園市蘆竹區南山路三段 17 巷 4 號	The Greenhouse Gas Emissions with TA-I TECHNOLOGY CO., LTD. (Nanshan) for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 317.1577 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 12,128.6556 tonnes of CO ₂ equivalent.
TA-I TECHNOLOGY CO., LTD. (Changxing) No. 26, Ln. 470, Sec. 2, Nanshan Rd. Luzhu Dist., Taoyuan City 338011, Taiwan 大毅科技股份有限公司長興廠 338020 桃園市蘆竹區南山路二段 470 巷 26 號	The Greenhouse Gas Emissions with TA-I TECHNOLOGY CO., LTD. (Changxing) for the period from 2022-01-01 to 2022-12-31 was verified, including direct greenhouse gas emissions 124.4244 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy emissions 13,276.7051 tonnes of CO ₂ equivalent.



Originally Issue: 2023-06-16

Latest Issue: 2023-06-16

Page: 3 of 3

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