



Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Hu Lane Associate Inc.
No. 1, Ln. 342, Fude 1st Rd.
Xizhi Dist.
New Taipei City
221010
Taiwan

胡連精密股份有限公司
臺灣
新北市
汐止區
福德一路 342 巷 1 號
221010

Holds Statement No: GHGEV 797754

Verification opinion statement

As a result of carrying out verification and validation procedures in accordance with ISO 14064-3:2019, it is the statement for mixed engagement including reasonable assurance for verification activity as well as validation and agreed-upon procedures (AUP) contains the following:

- The Greenhouse Gas Emissions with Hu Lane Associate Inc. for the period from 2024-01-01 to 2024-12-31 was verified and validated.
- The verified organization-level greenhouse gas emissions include direct greenhouse gas emissions 808.3974 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 18,603.8053 tonnes of CO₂ equivalent.
- Hu Lane Associate Inc. has defined and explained its own process and pre-determined criteria for significance of indirect Greenhouse Gas Emissions and quantify and report these identified significant emissions accordingly.

For and on behalf of BSI:

Managing Director BSI Taiwan, Peter Pu

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The Greenhouse Gas Emissions Verification activities are based on reasonable level of assurance:

- The data and information of greenhouse gas emissions are based on historical in nature, and no material misstatements for the period from 2024-01-01 to 2024-12-31 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 2024 is 0.4740 kgCO₂e per kWh (Taiwan).
The emission factor for electricity of year 2024 is 0.5978 kgCO₂e per kWh (Nanjing, China).
The emission factor for electricity of year 2024 is 0.4403 kgCO₂e per kWh (Dongguan, China).
The emission factor for electricity of year 2024 is 0.5366 kgCO₂e per kWh (Hongkong, China).
The emission factor for electricity of year 2024 is 0.62155 kgCO₂e per kWh (Indonesia).
The emission factor for electricity of year 2024 is 0.7221 kgCO₂e per kWh (Vietnam).
The emission factor for electricity of year 2024 is 0.2970 kgCO₂e per kWh (Europe).

EMISSIONS		Notes	tonnes CO ₂ e
Category 1: Direct GHG emissions and removals			808.3974
1.1	Stationary combustion		9.3008
1.2	Mobile combustion		236.9669
1.3	Industrial processes (anthropogenic systems)		0.2840
1.4	Fugitive (anthropogenic systems)		561.8457
1.5	Land use, land use change and forestry		0.0000
Direct emissions in tonnes of CO ₂ e from biomass			0.0000
Category 2: Indirect GHG emissions from imported energy			18,603.8053
2.1	Indirect emissions from imported electricity	location-based approach	18,603.8053
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0.0000

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Agreed-upon procedures (AUP)

- AUP are specific types of verification activities, BSI have performed the evidence-gathering procedures for the period from 2024-01-01 to 2024-12-31.
- BSI do not express any assurance on the GHG emissions, removals and storage in listed below.

EMISSIONS		Notes	AUP Item(s)	tonnes CO ₂ e
Category 3: Indirect GHG emissions from transportation				2,444.0215
3.1	Emissions from upstream transport and distribution for goods	Use the Distance-based method (65% by purchase, \$)	Total transport: 5,297,986.2130 tkm Road transport: 5,087,952.1330 tkm sea transport: 210,034.0800 tkm	302.1848
3.2	Emissions from Downstream transport and distribution for goods	Use the Distance-based method (Export 65% by purchase, \$)	Total transport: 30,043,980.9500 tkm Road transport: 22,204,923.0900 tkm Air transport: 146,557.9713 tkm sea transport: 7,692,499.894 tkm	1,448.9744
3.3	Emissions from Employee commuting	Use the Distance-based method	Total: 6,138,896.1188 pkm 6,500 Person-time Motorcycle: 3,416,437.2688 pkm Train: 69,650.0000 pkm Car (Electricity): 102,257.4000 pkm Car (Gasoline): 2,321,538.6500 pkm Bus (Gasoline): 102,500.0000 pkm Bus (Deisel): 4,627.4000 pkm Bus (Electricity): 121,885.6000 pkm MRT: 6,500 Person-time	486.4751
3.5	Emissions from Business travels	Use the Distance-based method (Only Airlines & THSR)	Total: 206.3872 tonnes CO ₂ e Airlines: 205.9818 tonnes CO ₂ e THSR: 0.4054 tonnes CO ₂ e	206.3872
Category 4: indirect GHG emissions from products used by organization				52,901.4088
4.1	Emissions from Purchased goods	Goods: Use the Average-data method (65% by purchase, \$) Energy & Fuel: Use the Average-data method (Energy only Taiwan included)	Goods: 11,523.1270 tonnes Energy: 8,655.4792 MWh Fuel: 103.5646 KL	52,666.5617
4.3	Emissions from the disposal of solid and liquid waste	Waste: Use the waste-type- specific method Transport: Use the Distance-based method	Waste: 456.1996 tonnes Transport: 885,448.0276 tkm	234.8471

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The direct GHG emissions and removals(cat.1) and indirect GHG emissions from imported energy emissions(cat.2) were verified in selected branches and representative offices, including but not limited to the following:

Locations	Verification Information
Hu Lane Associate Inc. 221010, No. 1, Ln. 342, Fude 1st Rd. Xizhi Dist., New Taipei City, Taiwan 胡連精密股份有限公司 221010 臺灣新北市汐止區福德一路 342 巷 1 號	The Greenhouse Gas Emissions with Hu Lane Associate Inc. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 808.3974 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 18,603.8053 tonnes of CO ₂ equivalent.
Hu Lane Associate Inc. (Headquarters) 221010 No. 1, Ln. 342, Fude 1st Rd., Xizhi Dist. New Taipei City, Taiwan (Business address) 221010 No. 68 & No. 70, Huanhe St., Xizhi Dist. New Taipei City, Taiwan (R.O.C.) 221010 No. 26~30, Ln. 393, Fude 1st Rd., Xizhi Dist. New Taipei City, Taiwan (R.O.C.) 221010 1~4F., No. 29, Ln. 381, Fude 1st Rd., Xizhi Dist., New Taipei City, Taiwan (R.O.C.) 胡連精密股份有限公司(總公司) 221010 新北市汐止區福德一路 342 巷 1 號(營業地址) 221010 新北市汐止區環河街 68 號+70 號 221010 新北市汐止區福德一路 393 巷 26~30 號 221010 新北市汐止區福德一路 381 巷 29 號 1~4F	The Greenhouse Gas Emissions with Hu Lane Associate Inc. (Headquarters) for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 178.0175 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 4,102.6971 tonnes of CO ₂ equivalent.
Hu Lane Electronic (Nanjing) Co., Ltd. No. 28, Laifeng Rd, Lukou Town, Jiangning Dist. Nanjing, Jiangsu, China No. 1, Huashang Rd, Lukou Town, Jiangning Dist. Nanjing, Jiangsu, China 胡連電子(南京)有限公司 中華人民共和國江蘇省南京市江寧區 祿口街道來鳳路 28 號 中華人民共和國江蘇省南京市江寧區 祿口街道華商路 1 號	The Greenhouse Gas Emissions with Hu Lane Electronic (Nanjing) Co., Ltd. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 187.5298 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 7,082.4789 tonnes of CO ₂ equivalent.
Dongguan Hu Lane Puguang Trading Co., Ltd. No.7, Gongao Yi Rd., Xiangshan Industrial Park, Xiniupo Village, Dalang Town, Dongguan, Guangdong, China 東莞胡連普光貿易有限公司 中華人民共和國廣東省東莞市大朗鎮 犀牛陂村象山工業園公四一路 7 號	The Greenhouse Gas Emissions with Dongguan Hu Lane Puguang Trading Co., Ltd. for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 45.9622 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 30.2222 tonnes of CO ₂ equivalent.

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