



Opinion Statement

Greenhouse Gas Emissions Verification Opinion Statement

This is to verify that: Moxa Inc.
No. 3, Sec. 4, New Taipei Blvd.
Xinzhuang Dist.
New Taipei City
242032
Taiwan

四零四科技股份有限公司
臺灣
新北市
新莊區
新北大道四段3號
242032

Holds Statement No: GHGEV 796791

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 Moxa 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 1,611.6598 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 3,670.4664 tonnes of CO₂ equivalent.
- Moxa 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 0.474 kgCO₂ per kWh.

EMISSIONS		Notes	tonnes CO ₂ e
Category 1: Direct GHG emissions and removals			1,611.6598
1.1	Stationary combustion		7.6791
1.2	Mobile combustion		0.0000
1.3	Industrial processes (anthropogenic systems)		0.0000
1.4	Fugitive (anthropogenic systems)		1,603.9806
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			3,670.4664
2.1	Indirect emissions from imported electricity	location-based approach	3,670.4664
2.2	Indirect emissions from imported energy (steam, heating, cooling and compressed air)		0.0000

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- BSI stated that it had not found any evidence to indicate that the assumptions, methods, and limitations that we cited in the statement did not provide a reasonable basis for our projections or forecasts.
- Based on BSI examination of the evidence, nothing comes to our attention which causes us to believe that these assumptions do not provide a reasonable basis for the forecast.
- The forecast is properly on the basis of the assumption, actual results are likely to be different from the forecast since anticipated events frequently do not occur as expected the variation may be material.

EMISSIONS		Notes	tonnes CO ₂ e
Category 5: indirect GHG emissions associated with the use of products from the organization			135,237.9111
5.1	Emissions or removals from the use stage of the product	Direct use-phase emissions with total product's guarantee time with total products sold in 2024: 3,415,086 pcs	135,237.9111

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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				5,386.6709
3.1	Emissions from upstream transport and distribution for goods	Use the Distance-based method	Air transportation : 45,682.8366 tkm Land transportation : 98,747.1297 tkm Sea transportation : 101,715.7969 tkm Weight of goods : 1,461,701.7294 kg	63.1864
3.2	Emissions from Downstream transport and distribution for goods	Use the Distance-based method	Air transportation : 4,722,214.6540 tkm Land transportation : 27,543.7176 tkm Sea transportation : 855,275.1786 tkm Weight of goods : 974,829.6343 kg	3,684.2465
3.3	Emissions from Employee commuting	Use the Distance-based method along with employee's daily commute vehicle types	Local Bus : 219,275.0000 pkm Train : 190,790.0000 pkm Coach Bus : 1,294,318.1604 pkm Gasoline SUV : 1,090,550.0000 pkm Hybrid SUV : 119,700.0000 pkm Diesel SUV : 55,750.0000 pkm Electric SUV : 68,900.0000 pkm Gasoline Car : 1,617,750.0000 pkm Hybrid Car : 190,650.0000 pkm Diesel Car : 131,750.0000 pkm Electric Car : 29,800.0000 pkm Gasoline Car : 16,000.0000 pkm MRT : 1,365,176.7500 pkm Motorcycle : 949,075.0000 pkm Electric Motorcycle : 108,000.0000 pkm	1,365.3420
3.5	Emissions from Business travels	Use the Spend-based method	Car : 138,582.5400 pkm Airplane : Cola Tour : 105,400.0000 kgCO ₂ e Formosa Technologies : 152,559.0000 kgCO ₂ e	273.8960

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EMISSIONS		Notes	AUP Item(s)	tonnes CO ₂ e
Category 4: indirect GHG emissions from products used by organization				27,396.0110
4.1	Emissions from Purchased goods	Goods: Use the supplier-specific method Energy & Fuel: Use the Average-data method	Passive : 17,359.5897 kg BO Mechanical Parts : 75,159.6435 kg Memory : 1,030.1909 kg BO Peripheral Parts : 14,839.0424 kg Main parts : 30,887.3920 kg PCB : 160,568.9290 kg Mechanical : 566,658.1721 kg Accessory : 60,833.0868 kg Packing : 526,399.0820 kg Outsourcing : 7,966.6010 kg Diesel : 130.0000 l NG : 3,902.0000 m ³ Water : 19,147.0000 m ³ Electricity : 7,743,599.9445 kWh	27,368.9529
4.3	Emissions from the disposal of solid and liquid waste	Use the waste-type-specific method	D-2527: 6.736 t R0601 & R0201: 34.28 t D-1081 : 25.85 t D-2527: 11.59 t D-0104 & R-1702: 13.74 t D-1799: 7.68 t Waste Transportation: 4,123.7166 tkm	27.0581

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Location	Verification Information
MOXA INC. (Bade) No. 1111, Heping Rd., Bade Dist. Taoyuan City, 334004, Taiwan 四零四科技股份有限公司八德廠 臺灣桃園市 八德區和平路 1111 號 334004	The Greenhouse Gas Emissions with Moxa Inc. (Bade) for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 142.2615 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 1,560.5028 tonnes of CO ₂ equivalent.
MOXA INC. (HonHui) 12F., 13F., 14F., No. 3, Sec. 4, New Taipei Blvd. Xinzhuang Dist., New Taipei City, 242032, Taiwan 四零四科技股份有限公司宏匯辦公室 臺灣新北市新莊區 新北大道四段 3 號 12, 13, 14 樓 242032	The Greenhouse Gas Emissions with Moxa Inc. (HonHui) for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 26.3894 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 811.4918 tonnes of CO ₂ equivalent.
MOXA INC. (iTower) 22F., 23F., 26F., No. 555, Siyuan Rd., Xinzhuang Dist. New Taipei City, 242034, Taiwan 四零四科技股份有限公司 i-Tower 辦公室 臺灣新北市 新莊區思源路 555 號 22, 23, 26 樓 242034	The Greenhouse Gas Emissions with Moxa Inc. (iTower) for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 19.6175 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 271.6868 tonnes of CO ₂ equivalent.
MOXA INC. (CoC lab) 1F., No. 8, Ln. 129, Sec. 2, Guangfu Rd. Sanchong Dist., New Taipei City, 241020, Taiwan 四零四科技股份有限公司 CoC lab 臺灣 新北市三重區 光復路二段 129 巷 8 號 1F 241020	The Greenhouse Gas Emissions with Moxa Inc. (CoC lab) for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 0.4040 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 674.2963 tonnes of CO ₂ equivalent.
MOXA INC. (Yue Tower) No. 235 & 239, Zhongyang Rd., Xinzhuang Dist. New Taipei City 242045, Taiwan 四零四科技股份有限公司悅-Tower 辦公室 臺灣新北市 新莊區中央路 235 & 239 號 242045	The Greenhouse Gas Emissions with Moxa Inc. (Yue Tower) for the period from 2024-01-01 to 2024-12-31 was verified, including direct greenhouse gas emissions 1,422.9874 tonnes of CO ₂ equivalent and indirect greenhouse gas emissions from imported energy 352.4887 tonnes of CO ₂ equivalent.

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