

Greenhouse Gas Emission and Removal Verification Statement

LIGITEK ELECTRONICS CO., LTD.

Greenhouse gas emission and removal verification is conducted at the following location:

NO. 238, Bo-Ai St., Shulin Dist., New Taipei City 238, Taiwan (R.O.C)

Verification in accordance with ISO 14064-3:2019 and qualification granted:

ISO 14064-1:2018

Greenhouse gas emission information:

Direct emissions (Category 1): 192.0278 metric tonnes of CO₂ equivalent (CO₂e);

Indirect emissions (Category 2): 2,066.4981 metric tonnes of CO₂ equivalent (CO₂e);

Other selected indirect emission categories (Categories 3-6) will be listed on the table in the following pages.

- ❖ Reporting period: January 1, 2022 to December 31, 2022.
- ❖ Categories 1 and 2 are verified at reasonable assurance level.
- ❖ Categories 3 to 6 are verified at limited assurance level.
- ❖ Uncertainty assessment 95% confidence level: -7.07% to +7.07%.



W. J. Chen, Managing Director

Initial Issued Date: DEC. 13, 2023

Latest Issued Date: DEC. 13, 2023

- ❖ Types of greenhouse gases reported include CO₂、CH₄、N₂O and HFCs.
- ❖ Emission factors: The Power emission factor of 2022 is 0.495 kgCO₂e/kWh; other emission factors refer to EPA management table 6.0.4. GWP values of various greenhouse gases are based on the 6th assessment report of IPCC.
- ❖ This statement above is based on the conclusion drawn from the verification of the relevant information provided by the client being verified. Therefore GREAT thought the verified information are completeness and validity.
- ❖ Any questions or concerns related to the content of this statement or relevant issues shall be addressed by the client being verified (customer category code: A-11).
- ❖ The organization reported the following data on greenhouse gas emissions and removals between January 1, 2022 and December 31, 2022:

 Unit: metric tonnes CO₂e

Reporting boundary category		Notes	Greenhouse gas emission
Category 1: Direct greenhouse gas emissions and removals			192.0278
1.1	Direct emissions from stationary combustion	Generator	0.3812
1.2	Direct emissions from mobile combustion	Gasoline Car, Gardening tools	61.7212
1.3	Direct process emissions and removals from industrial processes		NS*
1.4	Direct and temporary release of greenhouse gases by human activities	WD-40、Air Conditioning Equipment, Ice Water Machine, Refrigeration Equipment, Drinking Water Dispenser, Dehumidifier, Commercial Freezer, Refrigeration Equipment, Industrial Equipment, Government Vehicle Refrigerant, Septic Tank, Fire Extinguisher	129.9254
1.5	Direct emissions and removals from land use, land use change and forestry		NS*
Category 2: Indirect greenhouse gas emissions generation from imported energy			2,066.4981
2.1	Indirect emissions from imported electricity	Outsourced electricity	2,066.4981
2.2	Indirect emissions from imported energy		NS*
Category 3: Indirect greenhouse gas emissions from transportation			73.8824
3.1	Emissions from upstream transport and distribution for goods	Raw material transportation	0.0149
3.2	Emissions from downstream transport and distribution for goods	Product transportation	21.2838
3.3	Emissions from employee commuting	Employee Commuting	50.7928
3.4	Emissions from client and visitor transportation vehicle		NS*
3.5	Emissions from business travel	Employee business trips	1.7909
Category 4: Indirect greenhouse gas emissions from products used by the organization			408.0463
4.1	Indirect greenhouse gas emissions from goods purchased by an organization	Emissions from photocopy paper procurement. Upstream mining and transmission and distribution of electricity	394.7430
4.2	Indirect greenhouse gas emissions from capital goods		NS*

4.3	Indirect greenhouse gas emissions from the disposal of solid and liquid waste	General and hazardous waste removal and treatment (incineration/physical/chemical treatment)	13.0223
		Solid and liquid waste transportation (general, hazardous, domestic waste)	0.2810
4.4	Indirect greenhouse gas emissions from the use of assets		NS*
4.5	Indirect greenhouse gas emissions from the use of services that are not described in the above subcategories		NS*
Category 5: Indirect greenhouse gas emissions associated with the use of products from the organization			NS*
5.1	Emissions or removals from the use stage of the product		NS*
5.2	Emissions from downstream leased assets		NS*
5.3	Emission from end-of-life stage of the product		NS*
5.4	Emission from investment		NS*
Category 6: Indirect greenhouse gas emissions from other sources			NS*
Direct removals			NS*
Annual total storage volume			NS*
Carbon financial instrument			NS*

NA*, NS *: excluded from the calculation for the above

Coverage of the reporting boundary subcategories in the verification activities for the organization:

Client or organization name	Address	Subcategory
LIGITEK ELECTRONICS CO., LTD. (Chinese Name: 立碁電子工業股份有限公司)	No.238, Bo-Ai St., Shulin Dist., New Taipei City 238, Taiwan (R.O.C.) (Chinese Add.: 238 新北市樹林區博愛街 238 號)	1.1,1.2,1.4, 2.1, 3.1,3.2,3.3,3.5, 4.1,4.3