ISO 14064-1 Verification statement

Qisda

ISO 14064-1:Taiwan

VERIFICATION OPINION
GREENHOUSE GAS EMISSIONS

This is to verify that

QISDA CORPORATION

157 Shan-Ying Rd.,Gueishan Dist.,Taoyuan City 33341,Taiwan

Holds Statement No: TWN13006801GT-1/E Rev.1

Bureau Veritas Certification (Taiwan) Co., Ltd. was engaged to conduct an independent verification of the greenhouse gas (GHG) emissions reported by QISDA CORPORATION for the period stated below. This Verification Statement applies to the related information included within the scope of work described below.

The determination of the GHG emissions is the sole responsibility of QISDA CORPORATION. BVC's sole responsibility was to provide independent verification on the accuracy of the GHG emissions reported, and on the underlying systems and processes used to collect, analyze and review the information.

Boundaries of the reporting company GHG emissions covered by the verification:

- QISDA CORPORATION at 157&159 Shan-Ying Rd.,Gueishan Dist.,Taoyuan City 33341,Taiwan, include Qisda Corporation Taoyuan, Qisda Corporation Taipei and please refer to the attachment for detail information.
- Period covered by GHG emissions verification: January 1, 2023 to December 31, 2023

Emissions data verified:

- Category 1 - Direct GHG emissions and removals: 494.4157 tCO_2e
- Category 2 - Indirect GHG emissions from imported energy: 6,779.9580 tCO_2e (Location based approach)
- Category 2 - Indirect GHG emissions from imported energy: 6,490.8780 tCO_2e (Market based approach)
- Category 3 - Indirect GHG emissions from transportation: 294.2784 tCO_2e
- Category 4 - Indirect GHG emissions from products used by organization: 1,307.3238 tCO_2e

Assurance Opinion:

Based on the process and procedures conducted, we conclude that the GHG statement for Category 1 and 2 is materially correct and is a fair representation of the GHG data and information, and is prepared in accordance with the ISO 14064-1:2018. Levels of Reasonable Assurance in Compliance Verification Agreements.

There is no evidence that the GHG statement for Category 3, 4 is not materially correct and is not a fair representation of GHG data and information and has not been prepared in accordance with the ISO 14064-1:2018 Levels of Limited Assurance in Compliance Verification Agreements.

It is our opinion that QISDA CORPORATION has established appropriate systems for the collection, aggregation and analysis of quantitative data for determination of these GHG emissions for the stated period and boundaries.

Chris Liu, Technical Reviewer
Originally Issue: 22/04/2024

Pei Hsu, CER Manager
Latest Issue: 22/04/2024

Validation and Verification
VB005

Bureau Veritas Certification (Taiwan) Co., Ltd.
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Greenhouse Gas Statement:

- **QISDA CORPORATION TAOYUAN: 157&159 Shan-Ying Rd.,Gueishan Dist.,Taoyuan City 33341,Taiwan and No.7,Xingye St., Gueishan Dist.,Taoyuan City 33341,Taiwan**

Categories	Subcategories	Remark	tCO_2e	
Category 1: Direct GHG emissions and removals	1.1 Direct emissions from stationary combustion		63.5959	**491.0347**
	1.2 Direct emissions from mobile combustion		226.4330	
	1.3 Direct process emissions and removals arise from industrial processes		0.0000	
	1.4 Direct fugitive emissions arise from the release of greenhouse gases in anthropogenic systems		201.0058	
	1.5 Direct emissions and removals from Land Use, Land Use Change and Forestry		0.0000	
Category 2: Indirect GHG emissions from imported energy	2.1 Indirect emissions from imported electricity	Location based approach*	6,533.8783	**6,533.8783***
		Market based approach	6,244.7983	
	2.2 Indirect emissions from imported energy	N.A	0.0000-	
Category 3: Indirect GHG emissions from transportation	3.1 Emissions from Upstream transport and distribution for goods	N.S.	N.A.	**294.2784**
	3.2 Emissions from Downstream transport and distribution for goods	N.S.	N.A.	
	3.3 Emissions from Employee commuting includes emissions	Quantified the emissions of coach transportation from the railway station to Qisda Corporation Taoyan.	8.8248	
	3.4 Emissions from Client and visitor transport	N.S.	N.A.	
	3.5 Emissions from Business travels	Quantified the emissions from air travel, ground transportation and business travel accommodation.	285.4536	
Category 4: Indirect GHG emissions from products used by organization	4.1 Emissions from Purchased goods	Quantified the emissions from energy purchased, includes electricity, gasoline, natural gas, diesel fuel, tap water.	1,208.6820	**1,263.3963**
	4.2 Emissions from Capital goods	N.S.	N.A.	
	4.3 Emissions from the disposal of solid and liquid waste	Quantified the emissions from the disposal of general industrial waste and waste water.	54.7143	
	4.4 Emissions from the use of assets	N.S.	N.A.	
	4.5 Emissions from the use of services that are not described in the above subcategories	N.S.	N.A.	
Category 5: Indirect GHG emissions associated with the use of products from the organization	5.1 Emissions or removals from the use stage of the product	N.S.	N.A.	**N.A.**
	5.2 Emissions from downstream leased assets	N.S.	N.A.	
	5.3 Emissions from end of life stage of the product	N.S.	N.A.	
	5.4 Emissions from investments	N.S.	N.A.	
Category 6: Indirect GHG emissions from other sources		N.S.	N.A.	**N.A.**

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- **QISDA CORPORATION TAIPEI: No.16,Jihu Rd.,Neihu Dist.,Taipei City 11492,Taiwan**

Categories	Subcategories	Remark	tCO_2e	
Category 1: Direct GHG emissions and removals	1.1 Direct emissions from stationary combustion		0.2887	**3.3810**
	1.2 Direct emissions from mobile combustion		0.0000	
	1.3 Direct process emissions and removals arise from industrial processes		0.0000	
	1.4 Direct fugitive emissions arise from the release of greenhouse gases in anthropogenic systems		3.0923	
	1.5 Direct emissions and removals from Land Use, Land Use Change and Forestry		0.0000	
Category 2: Indirect GHG emissions from imported energy	2.1 Indirect emissions from imported electricity	Location based approach*	246.0797	**246.0797***
		Market based approach	-	
	2.2 Indirect emissions from imported energy	N.A	0.0000	
Category 3: Indirect GHG emissions from transportation	3.1 Emissions from Upstream transport and distribution for goods	N.S.	N.A.	**N.A.**
	3.2 Emissions from Downstream transport and distribution for goods	N.S.	N.A.	
	3.3 Emissions from Employee commuting includes emissions	N.S.	N.A.	
	3.4 Emissions from Client and visitor transport	N.S.	N.A.	
	3.5 Emissions from Business travels	N.S.	N.A.	
Category 4: Indirect GHG emissions from products used by organization	4.1 Emissions from Purchased goods	Quantified the emissions from the disposal of general industrial waste and waste water.	43.9275	**43.9275**
	4.2 Emissions from Capital goods	N.S.	N.A.	
	4.3 Emissions from the disposal of solid and liquid waste	N.S.	N.A.	
	4.4 Emissions from the use of assets	N.S.	N.A.	
	4.5 Emissions from the use of services that are not described in the above subcategories	N.S.	N.A.	
Category 5: Indirect GHG emissions associated with the use of products from the organization	5.1 Emissions or removals from the use stage of the product	N.S.	N.A.	**N.A.**
	5.2 Emissions from downstream leased assets	N.S.	N.A.	
	5.3 Emissions from end of life stage of the product	N.S.	N.A.	
	5.4 Emissions from investments	N.S.	N.A.	
Category 6: Indirect GHG emissions from other sources		N.S.	N.A.	**N.A.**

#: N.S.: Non-significant ; N.A.: Not available

Holds Statement No: TWN13006801GT-1/E Rev.1
Latest Issue: 22/04/2024

GHG Verification Protocols used to conduct the verification:

- ISO 14064-1:2018, ISO 14064-3:2019
- Period covered by GHG emissions verification: January 1, 2023 to December 31, 2023
- GHG covered: Carbon dioxide (CO_2), Methane (CH_4), Nitrous oxide (N_2O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulfur hexafluoride (SF_6) and Nitrogen trifluoride (NF_3)
- Global warming potential (GWP): 2023 IPCC Sixth Assessment Report (AR6) for Category 1, 2
- Electricity Emission Factor: 2022 Electricity Retailing Utility Enterprise Electricity Carbon Emission Factor (0.495 kgCO2e/kWh) published by Bureau of Energy, Ministry of Economic Affairs, R.O.C.
- Approach for consolidating GHG emissions: Operational Control
- GHG Inventory: 20240416
- GHG Report: 20240418

GHG Verification Methodology:

- Interviews with relevant personnel of QISDA CORPORATION;
- Review of documentary evidence produced by QISDA CORPORATION;
- Review of QISDA CORPORATION data and information systems and methodology for collection, aggregation, analysis and review of information used to determine GHG emissions at QISDA CORPORATION Headquarters and during site visits to QISDA CORPORATION TAOYUAN / QISDA CORPORATION TAIPEI; and
- Audit of sample of data used by QISDA CORPORATION to determine GHG emissions.

Verification Team:

- Lead Verifier: Carter Liu
- Verifier: Ryan Man, Ava Liu

Statement of independence, impartiality and competence

The Bureau Veritas Group is an independent professional services company that specializes in Quality, Health, Safety, Social and Environmental management with over 190 years history in providing independent assurance services.

No member of the verification team has a business relationship with QISDA CORPORATION, its Directors or Managers beyond that required of this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest. The Bureau Veritas Group has implemented a Code of Ethics across the business to maintain high ethical standards among staff in their day-to-day business activities.

The verification team has extensive experience in conducting assurance over environmental, social, ethical and health and safety information, systems and processes, has over 20 years combined experience in this field and an excellent understanding of The Bureau Veritas Group standard methodology for the verification of greenhouse gas emissions data.

This verification statement, including the opinion expressed herein, is provided to QISDA CORPORATION and is solely for the benefit of QISDA CORPORATION in accordance with the terms of our agreement. We consent to the release of this statement by you to others interest party in order to satisfy the terms of disclosure requirements but without accepting or assuming any responsibility or liability on our part to any other party who may have access to this statement.

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温室气体核查陈述

VERIFICATION STATEMENT OF GREENHOUSE GAS EMISSION

No. INV-2024-DZSB-0105

本核查陈述针对：
This is to verify that:

苏州佳世达电通有限公司；苏州佳世达光电有限公司；
苏州佳世达电子有限公司；苏州佳世达精密工业有限公司

Qisda (Suzhou) Co., Ltd.; Qisda Optronics (Suzhou) Co., Ltd.;
Qisda Electronics (Suzhou) Co., Ltd.; Qisda Precision Industry (Suzhou) Co., Ltd.

地址：江苏省苏州市高新区珠江路 169 号
Add: No. 169, Zhujiang Road, New District Suzhou, Jiangsu Province, P.R.China

中国质量认证中心根据相关核查程序发布本核查陈述。
CQC issues a verification statement according to related verification procedures.

中国质量认证中心认为：
CQC here confirms that:

◆ **2024** 年 **4** 月 **10** 日发布的苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司温室气体报告（版本：**C**）表明苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司有限公司在 **2023** 年 **1** 月 **1** 日至 **2023** 年 **12** 月 **31** 日之间温室气体排放量为 **40,152** 吨 CO_2 当量，温室气体清除量为 **0** 吨 CO_2 当量。
It's asserted in Qisda (Suzhou) Co., Ltd.; Qisda Optronics (Suzhou) Co., Ltd.; Qisda Electronics (Suzhou) Co., Ltd.; Qisda Precision Industry (Suzhou) Co., Ltd. Greenhouse Gas Emission Report (Version: **C**) published on **Apr. 10th, 2024** thatQisda (Suzhou) Co., Ltd.; Qisda Optronics (Suzhou) Co., Ltd.; Qisda Electronics (Suzhou) Co., Ltd.; Qisda Precision Industry (Suzhou) Co., Ltd. (hereinafter refferred as "Qisda") Greenhouse Gas Emissions were **40,152** tonnes CO_2 Equivalent and Greenhouse Gas Removal was **0** tonnes CO_2 Equivalent from **Jan. 1st, 2023** to **Dec.31st, 2023**.

◆ 苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司温室气体排放和清除的量化、监测和报告遵从 **ISO 14064-1:2018** 的相关要求。
The quantification, monitoring and reporting of Qisda Greenhouse Gas emissions and removals comply with the requirement of **ISO 14064-1:2018.**

◆ 该声明不存在实质性偏差，达到了合理保证等级的相关要求。
The assertion has no material errors and reaches the requirements of reasonable level of assurance.

签发 SIGNATURE 谢肇煦

中国质量认证中心 CHINA QUALITY CERTIFICATION CENTRE

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温室气体核查陈述

VERIFICATION STATEMENT OF GREENHOUSE GAS EMISSION

受佳世达的委托，中国质量认证中心(CQC)根据 ISO14064-1：2018 和 ISO14064-3：2019 对苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司温室气体排放报告进行了独立的第三方核查。佳世达是主要生产电各类子设备的企业，位于江苏省苏州市高新区珠江路 169 号。本次核查的温室气体报告覆盖时间段为 2023 年 1 月 1 日至 2023 年 12 月 31 日，该报告中的温室气体声明是基于适用的技术文献和苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司的历史活动数据所做出的。苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司负责本覆盖时间段内的温室气体信息系统，包括资料的记录和报告程序的运行。

本次核查服务的范围、目的、准则和保证等级是建立在苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司 和中国质量认证中心达成共识的基础之上：

核查范围

中国质量认证中心对佳世达的温室气体报告以及温室气体信息、监测、量化、相关程序进行核查，包括组织对于参考文件中信息的合理使用。

组织边界	苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司（江苏省苏州市高新区珠江路 169 号）	
报告边界	佳世达在无线模组和印刷电路板、液晶显示器、多功能显示器、冲压件；苏州佳世达光电有限公司在车载电子产品、打印机、触摸一体机、投影仪、多功能显示器，专业监视器，拍立得相机；苏州佳世达电子有限公司在液晶模组，平板显示器件；苏州佳世达精密工业有限公司在塑胶件、模具产品的生产及相关管理活动过程中产生的直接温室气体排放、能源输入引起的间接温室气体排放、部分交通运输引起的间接排放	
温室气体源、汇和库	仅涉及温室气体源，不涉及温室气体汇和库；参见 2024 年 4 月 10 日发布的佳世达 2023 年度温室气体排放报告书（版本：C）	
量化的温室气体种类和排放量	二氧化碳（CO_2）：37,628.10 吨 CO_2 当量 甲烷（CH_4）：604.75 吨 CO_2 当量 氧化亚氮（N_2O）：6.20 吨 CO_2 当量 氢氟氟烃（HFCs）：1,891.84 吨 CO_2 当量	直接排放：2,901.00 吨 CO_2 当量 能源输入引起的间接排放：50,111.90 吨 CO_2 当量 部分交通运输引起的间接排放：85.63 吨 CO_2 当量 组织使用的产品/服务引起的间接排放：84.63 吨 CO_2 当量
覆盖时间段	2023 年 1 月 1 日至 2023 年 12 月 31 日	
基准年信息	2021 年 1 月 1 日至年 2021 年 12 月 31 日为佳世达进行温室气体量化和报告的基准年，基准年排放状况见 2022 年 3 月 11 日发布的佳世达 2021 年度温室气体排放报告（版本：9）	
证书发布时间	2024 年 5 月 22 日	

中国质量认证中心 CHINA QUALITY CERTIFICATION CENTRE

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温室气体核查陈述

VERIFICATION STATEMENT OF GREENHOUSE GAS EMISSION

核查目的

本次核查工作旨在通过客观的证据，对相关信息提供独立的评价，包括：

- 温室气体报告中的信息是否符合相关性、完整性、一致性、准确性、透明性的原则；
- 所报告的数据结果是否存在实质性的错误和遗漏；
- 是否满足预定的保证等级。

核查准则

本次核查工作的准则为 ISO14064-1：2018 和 ISO14064-3：2019。

保证等级

本次核查的保证等级经双方事先确认为合理保证等级。

核查说明

中国质量认证中心的核查陈述是基于自身对于相关温室气体信息风险的理解和所采取的合理风险控制措施而得出的。

为获取我们认为必需的信息和证据，以保证苏州佳世达电通有限公司；苏州佳世达光电有限公司；苏州佳世达电子有限公司；苏州佳世达精密工业有限公司 2023 年 1 月 1 日至 2023 年 12 月 31 日的温室气体报告达到合理保证等级，中国质量认证中心制定了核查计划，并履行了该计划。中国质量认证中心采纳的核查证据包括对组织报告的温室气体排放量和相关信息在抽样的基础之上得到的发现。

本核查陈述应当和佳世达温室气体报告同时提供给目标用户。

中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE

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ISO 14064-1:Vietnam

bsi.

Verification Report

Verification Opinion

Verified as Satisfactory	
Based on the process and procedures conducted, the GHG statement contained in the GHG Inventory report issued on 21/02/2024 produced by Qisda Vietnam Co., Ltd	• *Is* materially correct and is a fair representation of GHG data and information. • *Has* been prepared in accordance with ISO 14064-1:2018 and it's principles.
Lead Verifier	**Phan Tuan Hung**
Independent Reviewer	**Nguyen Dinh Minh Tam**
Signed on behalf of BSI	**DuyenAnh Le Managing Director BSI Vietnam**
Issue Date	**08/04/2024**
BSI Vietnam, 15th Floor, APC Tower, 518B Dien Bien Phu Street, Ward 21, Binh Thanh District, Ho Chi Minh City, Vietnam	
Note: BSI Vietnam is independent to and has no financial interest in Qisda Vietnam Co., Ltd. This 3rd party Verification Opinion has been prepared for Qisda Vietnam Co., Ltd only for the purposes of verifying its statement relating to its GHG emissions more particularly described in the scope above. It was not prepared for any other purpose. In making this Statement, BSI Vietnam has assumed that all information provided to it by Qisda Vietnam Co., Ltd is true, accurate and complete. BSI Vietnam accepts no liability to any third party who places reliance on this statement.	

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Verification Engagement

Organization	Qisda Vietnam Co., Ltd
Responsible party	Qisda Vietnam Co., Ltd
Verification Objectives	To express an opinion on whether the organizational GHG Statement which is historical in nature: • Is accurate, materially correct and is a fair representation of GHG data and information. • Has been prepared in accordance with ISO 14064-1:2018, the criteria used by BSI to verify the GHG Organizational Statement.
Materiality Level	5%
Level of Assurance	Reasonable
Verification evidence gathering procedures	• Evaluation of the monitoring and controls systems through interviewing employee observation & inquiry. • Verification of the data through sampling recalculation, retracing, cross checking and reconciliation.
Verification Standards	The verification was carried out in accordance with ISO 14064-3:2019 and ISO 14065:2013.
Note: Qisda Vietnam Co., Ltd responsible for the preparation and fair presentation of the GHG statement and report in accordance with the agreed criteria. BSI Vietnam is responsible for expressing an opinion on the GHG statement based on the verification.	

Organizational GHG Statement

Organization		Qisda Vietnam Co., Ltd Lot CN-12, Dong Van IV Industrial Park, Nhat Tan Commune, Dai Cuong Commune, Kim Bang District, Ha Nam Province, Vietnam
Organizations GHG Report containing GHG Statement		GHG inventory report 2023
Organizational Boundary		Operational Control
Scope of activities		Manufacturing of Monitors, Tablets, Backlight modules, flat panels, Printed Circuit Board Assembly (PCBA), Precision Plastic Moulds used in Electronic Products, Plastic Injection Molding Products, Spray Painting and Metal Stamping for Electronic Products.
Reporting Boundary	Direct GHG Emissions (Scope 1)	Category 1: Direct GHG emissions - Greenhouse gas emissions from stationary combustion from backup generators, fire pumps; LPG from Canteen, Use of Anti-rust agent WD-40. - Greenhouse gas emissions from domestic water, fire extinguisher and air conditioner.
	Indirect GHG Emissions from	Category 2: Indirect GHG emissions from purchased electricity.

ISO 14064-1:Vietnam

	imported energy (Scope 2)	
	Indirect GHG emissions from products used by organization (Scope 3)	Category 3: Indirect emissions from transportation. Indirect emissions from employee commute and business travel. Category 4: Indirect emissions from waste treatment services.
Exclusions from Reporting Boundary		Category 3: Greenhouse gas emissions from downstream and upstream transportation. Category 4: Greenhouse gas emissions from use of materials. Category 5: Greenhouse gas emissions from use of products from organization. Justification: due to the purpose of report and intended use of BOD, company use this report internally to assess impacts of their product activities to global climate change and to develop reduction plans.
Criteria for developing the organizational GHG Inventory		ISO 14064-1:2018. 2023 GHG report QISDA-Ver1.21.02.2024-EN-VN. QVH0-19-008 verification procedure (Rev. 04, issued 29/03/2022).
Reporting Period		01/01/2023 - 31/12/2023
Renewable Energy Certificate - REC		2,000 MWh

GHG emissions

	Location based, tCO2(e)
Reporting period	01/01/2023 – 31/12/2023
Scope 1 (non-biogenic emissions)	87.04
Scope 1 (biogenic emissions)	18.58
Scope 2	4,747.89
Scope 3	69.61
Total quantified	**4,923.12**

Qisda

Value-Up Solutions

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