

温室气体核查意见书

致

*****市***有限公司**

统一社会信用代码: *****

注册地址: **省**市**区****新城**大道**号

英特检测认证有限公司受**市***有限公司的委托,对**市***有限公司所编制的组织层面温室气体报表进行了独立的第三方核查,本核查意见书适用于下文所述范围内的相关信息:

核查范围

覆盖场所: **省**市**区****新城**大道**号

组织边界: ****的研发和制造及相关管理和支持活动的活动和设施,基于运营控制权合并。

报告边界: 直接温室气体排放和清除(范围1)、能源间接温室气体排放(范围2)和重大的其他间接温室气体排放(范围3)。

所报告的温室气体种类: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃

报告期间: 2024年1月1日至2024年12月31日

核查依据准则: ISO 14064-3:2019

核查的预期用户: 通用私域用户

保证等级: 合理保证

实质性阈值: 5%

经核查和调整后的温室气体报表的关键信息

宣称的量化和报告编制准则:

- 范围1量化准则:《温室气体核算体系:企业核算与报告标准(修订版)》
- 范围2量化准则:《温室气体核算体系:范围二指南》
- 范围3量化准则:《温室气体核算体系:企业价值链(范围三)核算与报告标准》
- 报告编制准则:《温室气体核算体系:企业核算与报告标准(修订版)》

数据的性质: 所有用于支持温室气体报表的实质性数据均为历史发生数据

限制性说明: 无

报告期间温室气体量化的合并结果:

见下表

InterGROUP

排放类别		说明	排放量 (吨二氧化碳当量)
范畴 1：直接温室气体排放和清除			**,**
1.1	固定燃烧		**,**
1.2	移动燃烧		**,**
1.3	工业过程（人为系统）		**,**
1.4	逸散（人为系统）		**,**
1.5	土地使用、土地使用变化和森林	不涉及*	--
1.6	直接温室气体清除	不涉及	--
1.7	生物质燃烧直接 CO ₂ 排放	不涉及	--
1.8	输出能源所产生温室气体排放	不涉及	--
范畴 2：能源间接温室气体排放			*,***,**
2.1	外购电力的间接温室气体排放	基于位置的方法	*,***,**
2.2	外购热力、蒸汽和制冷的间接温室气体排放	不涉及	--
范畴 3：其他间接温室气体排放			***,***,**
3.1	购买的产品和服务	部分 ***	***,***,**
3.2	资本货物	非重大 **	--
3.3	未包括在范围 1 或范围 2 中的燃料和能源相关活动	部分 ****	***,**
3.4	上游运输和分销	部分 *****	***,**
3.5	运营中产生的废物	非重大	--
3.6	商务旅行	非重大	--
3.7	员工通勤	非重大	--
3.8	上游租赁资产	非重大	--
3.9	下游运输和分销	非重大	--
3.10	售出产品的加工	非重大	--
3.11	售出产品的使用	非重大	--
3.12	售出产品的寿命终止处理	非重大	--
3.13	下游租赁资产	不涉及	--
3.14	特许运营	不涉及	--
3.15	投资	不涉及	--

注：* 不涉及，表示已由核查员经核查确认客观上不存在。

** 非重大，表示系由受核查方根据其自身所制定的重大性评判准则判定，核查员已对评判准则和依据准则评判的过程进行了形式上的审核，但不对其评判结果的合理性发表意见。

*** 仅覆盖 35 类主要生产材料，其合并采购成本已占生产材料总采购成本的超 90%。具体覆盖材料种类详见《核查报告》。

**** 仅覆盖外购电网电力和外购天然气的能源上游活动。

***** 仅覆盖 3.1 项所覆盖 35 类生产材料的上游运输。

第 2 页/共 3 页

本意见书与相应的核查报告一起使用方为有效，有效性可通过扫描签署页的二维码查证

英特检测认证有限公司

中国·广东省中山市板芙镇中山科学城板芙科创园 A03 栋 8 楼 801 室

InterGROUP

受核查方的责任:

依据所声明的温室气体量化和报告准则编制和公允列报温室气体报表是受核查方的责任。这种责任包括:

1. 按照所宣称的温室气体量化和报告准则编制温室气体报表, 并使其公允反映。
2. 策划、设计、执行和维护必要的内部控制, 以使温室气体报表不存在由于舞弊或错误导致的实质性错误陈述。

核查员和核查机构的责任

核查员的责任是在执行核查工作的基础上对温室气体报表发表核查意见。核查员依据所声明的核查准则执行核查工作。这些核查准则要求核查员遵守核查原则, 计划和执行核查工作以对温室气体报表是否不存在实质性错误陈述获取合理保证。

核查机构的责任是在开发充分的、一致的核查工作程序, 选择和派出合适的具备能力的核查员执行核查工作, 并组织人员对核查员的核查结果进行独立的评审, 以对最终出具的核查意见承担机构责任。

核查方法说明

核查工作基于对核查任务的战略分析和对温室气体报表的风险评估的结果展开。在进行风险评估时, 核查员考虑了与温室气体报表编制和公允列报相关的内部控制, 以设计恰当的核查方法, 但目的并非对内部控制的有效性发表意见。

核查工作涉及实施核查方法, 以获取有关温室气体报表中的信息和数据以及披露的核查证据。选择的核查方法取决于核查员的判断, 包括基于风险评估结果的抽样活动。

核查工作还包括评价受核查方选用量化和报告准则的恰当性和做出量化估计的合理性, 以及评价温室气体陈述的总体实质性正确性。

证据收集程序说明

在本次核查中, 核查员通过了非现场的文件评审和现场核查相结合的方式开展了证据收集活动。证据收集的方式包括但不限于: 人员访谈询证、文件和报表审阅、现场观察确认、数据计算和验算等。所收集的证据用于证实了下列方面: 温室气体信息系统和控制、温室气体数据和信息的收集、数据的整合和计算等。

我们相信, 核查过程所收集的核查证据是充分的、适当的, 为出具核查意见提供了基础和充分的支持。

核查意见

根据所实施的核查过程和程序, 我们认为:

受核查方的温室气体报表在所有重大方面均按照所宣称的量化和报告编制准则编制, 温室气体报表公允地表达了报告期间的温室气体数据和信息, 并且实质性地正确。

核查组长: ***, CCAA-2022-V1GHG-10*****

现场核查日期: yyyy 年 mm 月 dd 日

核查起止日期: yyyy 年 mm 月 dd 日至 yyyy 年 mm 月 dd 日

意见书编号: 4582*GHG****R**

签发日期: yyyy 年 mm 月 dd 日

授权签发人

第3页/共3页



有效状态
查询二维码

本意见书与相应的核查报告一起使用方为有效, 有效性可通过扫描签署页的二维码查证

英特检测认证有限公司

中国·广东省中山市板芙镇中山科学城板芙科创园 A03 栋 8 楼 801 室

InterGROUP

VERIFICATION OPINION DECLARATION

To

**** Electronics Co.,Ltd.

Unified Social Credit Code: *****

Registered Address: No.* **** Road, **** Town, **** District, **** City, *** Province, China

InterGroup Certification Limited has been engaged by **** Electronics Co.,Ltd.to conduct an independent third-party verification about the organizational level greenhouse gas statement prepared by **** Electronics Co.,Ltd. This verification opinion applies to the relevant information within the scope described below:

Boundaries covered by the verification

Coverage locations: No.* **** Road, **** Town, **** District, **** City, *** Province, China

Organizational boundaries: All activities and facilities related to the R&D and manufacturing of ***, and related management & supporting activities, based on the consolidation of operational control.

Reporting boundaries: Direct greenhouse gas emissions (Scope 1), energy indirect greenhouse gas emissions (Scope 2) and some significant other indirect greenhouse gas emissions (Scope 3)

Types of GHG reported: CO₂, CH₄, N₂O, HFCs, PFCs, SF₆, NF₃

Reporting period covered: January 1, 2024 to December 31, 2024

Verification criteria: ISO 14064-3:2019

Intended user of verification: Private User

Level of assurance: Reasonable assurance

Materiality threshold: 5%

Key information of the verified and adjusted GHG statement

Claimed quantification and reporting criteria:

- Scope 1 Quantification criteria: GHG Protocol - A Corporate Accounting &Reporting Standard (Revised Edition)
- Scope 2 Quantification criteria: GHG Protocol - Scope 2 Guidance
- Scope 3 Quantification criteria: GHG Protocol - Corporate Value Chain (Scope 3) Accounting &Reporting Standard
- Report preparation criteria: GHG Protocol - A Corporate Accounting &Reporting Standard (Revised Edition)

The data and information supporting the GHG statement: Historical in nature

Limitations and exclusions: None

Consolidated results of GHG quantification during the reporting period:

- See the table below

Page 1 of 3

This declaration is valid only when used in conjunction with the verification report.

InterGroup Certification Limited

Room 801, Building A03, No.2 Futing Street, Banfu Town, Zhongshan City, Guangdong Province, China

InterGROUP

Categories		Notes	Emissions (tonnes CO ₂ e)
Scope 1 - Direct greenhouse gas emissions			###.##
1.1	Stationary combustion		###.##
1.2	Mobile combustion		###.##
1.3	Process emissions (anthropogenic systems)		###.##
1.4	Fugitive emissions (anthropogenic systems)		###.##
1.5	Land use, land use change and forestry	Not available *	--
1.6	Direct greenhouse gas removal	Not available	--
1.7	Direct CO ₂ emissions from the combustion of biomass.	Not available	--
1.8	Emissions generated by exported energy	Not available	--
Scope 2 - Energy indirect greenhouse gas emissions			#,###.##
2.1	Indirect greenhouse gas emissions from purchased electricity	Location-based method	#,###.##
2.2	Indirect greenhouse gas emissions from purchased heat, steam or cooling	Not available	--
Scope 3 - Other indirect greenhouse gas emissions			###,###.##
3.1	Purchased goods and services	Note ***	###,###.##
3.2	Capital goods	Non-significant **	--
3.3	Fuel- and energy-related activities (not included in scope 1 or scope 2)	Note ****	###.##
3.4	Upstream transportation and distribution	Note *****	###.##
3.5	Waste generated in operations	Non-significant	--
3.6	Business travel	Non-significant	--
3.7	Employee commuting	Non-significant	--
3.8	Upstream leased assets	Non-significant	--
3.9	Downstream transportation and distribution	Non-significant	--
3.10	Processing of sold products	Non-significant	--
3.11	Use of sold products	Non-significant	--
3.12	End-of-life treatment of sold products	Non-significant	--
3.13	Downstream leased assets	Not available	--
3.14	Franchises	Not available	--
3.15	Investments	Not available	--

Remarks: * Not applicable, which means it has been verified by the auditor that it objectively does not exist..

** Non-significant, It means that the judgment has been made by the responsible party based on its own materiality assessment criteria. The verifier has conducted a formal review of the assessment criteria and the process of assessment based on these criteria, but does not comment on the rationality of the assessment result.

*** It only covers 35 categories of major production materials, and the combined procurement cost of these materials already accounts for more than 90% of the total procurement cost of materials. For the specific types of materials covered, please refer to the Verification Report.

**** It only covers the upstream activities of the purchased electricity from the power grid and the purchased natural gas.

***** It only covers the upstream transportation of the 35 specific categories of production materials that are covered in Item 3.1.

Page 2 of 3

This declaration is valid only when used in conjunction with the verification report.

InterGroup Certification Limited

Room 801, Building A03, No.2 Futing Street, Banfu Town, Zhongshan City, Guangdong Province, China

InterGROUP

Responsibility of the responsible party:

It is the responsibility of the responsible party to prepare and fairly present GHG statements in accordance with the declared criteria. This responsibility includes,

- Prepare GHG statements in accordance with the declared GHG quantification and reporting criteria, and make them fairly reflected, and
- Plan, design, execute, and maintain necessary internal controls to ensure that GHG statements is free from material misstatements caused by fraud or error.

Responsibility of the verifiers/ verification body:

The responsibility of the verifiers is to provide verification opinions on GHG statements based on the execution of verification work. Verifiers carry out verification work based on the declared verification criteria. These verification criteria require verifiers to adhere to verification principles, plan and execute verification work to obtain reasonable assurance as to whether the GHG statements are free from material misstatements.

The responsibility of the verification body is to develop sufficient and consistent verification procedures, select and dispatch suitable and capable verifiers to carry out verification work, and organize personnel to independently review the verification results of the verifiers, in order to assume institutional responsibility for the final verification opinions issued.

Verification methods description:

The verification work is based on the strategic analysis of the verification task and the results of the risk assessment of the GHG statements. When conducting risk assessments, the verifiers considered internal controls related to the preparation and fair presentation of the GHG statements to design appropriate verification methods, but the purpose was not to express an opinion on the effectiveness of internal controls.

The verification work involves implementing verification methods to obtain information and data related to the GHG statements, as well as verification evidence disclosed. The chosen verification method depends on the verifiers' judgment, including sampling activities based on risk assessment results.

The verification work also includes evaluating the appropriateness of the selected quantitative and reporting criteria and the reasonableness of the quantitative estimates made, as well as evaluating the overall material correctness of the GHG statements.

Explanation of Evidence Collecting Procedure:

In this verification, the verifiers conducted evidence collection activities through a combination of off-site document review and on-site verification. The methods of evidence collection include but are not limited to: personnel interviews, document review, on-site observation and confirmation, data calculation and check, etc. The collected evidence is used to confirm the following aspects: GHG information systems and controls, collection of GHG data and information, integration and calculation of data, etc.

We believe that the evidence collected during the verification process is sufficient and appropriate, providing a foundation and sufficient support for issuing verification opinions.

Verification opinions:

Based on the verification process and procedures implemented, we believe that,

The GHG statements verified have been prepared in all material respects in accordance with the claimed quantification and reporting criteria, and fairly express the GHG data and information during the reporting period and are material correct.

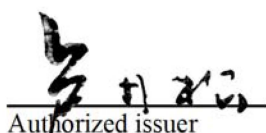
Lead Verifier: ***, CCAA-2022-V1GHG-10*****

Date of on-site verification: mm dd, yyyy

Period of overall verification: mm dd, yyyy to mm dd, yyyy

Declaration No.: 4582*GHG****R**

Date of issue: mm dd, yyyy


Authorized issuer

Page 3 of 3



有效状态
查询二维码

This declaration is valid only when used in conjunction with the verification report.

InterGroup Certification Limited

Room 801, Building A03, No.2 Futing Street, Banfu Town, Zhongshan City, Guangdong Province, China