



温室气体核查意见书

授予

江西景旺精密电路有限公司

必维认证（北京）有限公司（以下简称“必维”）受江西景旺精密电路有限公司的委托，对江西景旺精密电路有限公司报告的温室气体排放量进行独立的第三方核查，本核查意见适用于下文所述工作范围内的相关信息。

核查边界：

- 核查场所名称：江西景旺精密电路有限公司
- 核查地址：江西省吉安市吉水县城西工业区
- 温室气体报告期限：2024 年 01 月 01 日 – 2024 年 12 月 31 日

组织边界：江西景旺精密电路有限公司实施运营控制的活动和设施

报告范围：江西景旺精密电路有限公司组织边界内，就运营控制排放的设施及相关管理活动所产生产生的温室气体排放及其重要的间接温室气体排放。

经核查的排放量：

- 类别1：直接温室气体排放：6,129.08 tCO₂e
- 类别2：输入能源的间接排放（价值链上游，基于价值链）：155,895.99 tCO₂e

输入能源的间接温室气体排放（基于市场）：138,059.51 tCO₂e

• 类别3：运输的间接排放（价值链下游，基于价值链）：1,140.00 tCO₂e

- 温室气体排放总量（基于价值链）：163,165.07 tCO₂e
- 温室气体排放总量（基于市场）：144,188.59 tCO₂e
- 核查范围温室气体排放总量（基于价值链）：163,165.07 tCO₂e
- 核查范围温室气体排放总量（基于市场）：144,188.59 tCO₂e

温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

温室气体排放强度（基于市场）：1.07 tCO₂e/万元

温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

温室气体排放强度（基于市场）：1.07 tCO₂e/万元

温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

温室气体排放强度（基于市场）：1.07 tCO₂e/万元

温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

温室气体排放强度（基于市场）：1.07 tCO₂e/万元

温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

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温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

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温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

温室气体排放强度（基于市场）：1.07 tCO₂e/万元

温室气体排放强度（基于价值链）：1.14 tCO₂e/万元

温室气体排放强度（基于市场）：1.07 tCO₂e/万元



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核查结论:

基于核查工作实施过程和核查发现,江西景旺精密电路有限公司在盘查报告中提供的温室气体排放量数据,与ISO 14064-1:2018 温室气体 - 部分1: 组织层面温室气体排放和移除的量化和报告的要求及指南是相符的。

独立、公正和胜任能力声明:

必维集团是一家拥有190多年历史,在质量、环境、职业健康安全和社会责任领域提供独立验证服务的机构。必维核查团队与江西景旺精密电路有限公司及其管理人员不存在其它的商业关系,核查团队的核查活动是独立的、公正的,不存在任何利益冲突。必维集团在整个业务范围内实施商业道德准则,以确保员工在日常业务活动中保持最高的道德标准。

核查组长: 金辉

核查日期: 2025年03月31日-04月01日

编号: EMI25823880GZ

签发日期: 2025年04月25日

版本号: No.1

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Greenhouse Gases Verification Opinion

is awarded to

JIANGXI JINGWANG PRECISION CIRCUIT CO., LTD.

Bureau Veritas Certification (Beijing) Co., Ltd. was engaged to conduct an independent verification of the greenhouse gases (GHG) emissions reported by Jiangxi Jingwang Precision Circuit Co., Ltd. for the period stated below. This verification opinion applies to the related information included within the scope of work described below.

Boundaries covered by the verification:

- Verification site name: Jiangxi Jingwang Precision Circuit Co., Ltd.
- Verification site address: Chengxi Industrial Zone, Jishui County Ji'an City, Jiangxi Province
- Reporting period covered: 01/01/2024 to 31/12/2024

Organizational boundaries: Activities and facilities of Jiangxi Jingwang Precision Circuit Co., Ltd. under operational control approach

Reporting boundaries: Direct GHG emissions generated in The Manufacture Of Rigid PCB And Related Management Activities within the organizational boundaries, as well as significant indirect GHG emissions

Emissions data verified under reporting boundaries:

- Category 1: Direct GHG emissions: 6,129.08 tCO₂e
- Category 2: Indirect GHG emissions from imported energy (location-based): 151,995.90 tCO₂e
Indirect GHG emissions from imported energy (market-based): 138,059.51 tCO₂e
- Category 3: Indirect GHG emissions from transportation: 2,471.66 tCO₂e
- Category 4: Indirect GHG emissions from purchased products used by organization: 338,713.29 tCO₂e
- Category 5: Indirect GHG emissions associated with the use of products from the organization: 20,070.22 tCO₂e
- Category 6: Indirect GHG emissions from other sources: Non-significant indirect emissions and not quantified

Total quantified emissions(location-based): 541,380.15 tCO₂e

Total quantified emissions(market-based): 527,443.76 tCO₂e

Limitations and exclusions: Excluding other non-significant indirect GHG emissions
protocol used to conduct the verification:

- ISO 14064-1:2018 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
- ISO 14064-3:2019 Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements

Level of assurance:

- Reasonable assurance

GHG verification methodology:

- Interview for relevant personnel;
- Review of the documentary evidence;
- Evaluation of the methodology and information systems for data collection, aggregation, analysis and review;

Certification body address: Room 02, 9 / F, West Office Building 1, Oriental Economic and Trade City, Oriental Plaza, No.1 East Chang'an Street, Dongcheng District, Beijing, China. 100738

Further clarifications regarding the verification scope of this opinion may be obtained by consulting the organization.

To check this opinion's validity, please call: +86 10 59683663 or +86 20 83073800



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- Audit of sampled sites and data to verify sources.

Verification conclusion:

Based on the verification process and findings, the GHG emission data in the GHG inventory report from Jiangxi Jingwang Precision Circuit Co., Ltd. is in compliance with ISO 14064-1:2018 Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.

Statement of independence, impartiality and competence:

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 Jiangxi Jingwang Precision Circuit Co., Ltd. and its directors or managers beyond that required by this assignment. We conducted this verification independently and to our knowledge there has been no conflict of interest.

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.

Lead verifier: Hui JIN

Verification date: 31/03-01/04/2025

No.: EMI25823895GZ

Issue date: 25/04/2025

Version No.: No.1

Signed on behalf of
Bureau Veritas Certification (Beijing) Co., Ltd.