



Appendix

GRI Standards Index Table

Statement of Use: Pan-International Group has reported the ESG information in accordance with the GRI Standards for the period January 1 to December 31, 2023.

GRI 1: Foundation 2021

General Topics

| GRI Standard | Topic | Chapter of the Report | Pages | Omission | |
|--|--|---------------------------------------|-------|---------------|------------------------|
| | | | | Omitted Topic | Reason and Explanation |
| GRI 2: General Disclosures 2021 | 2-1 Organizational details | 2.1.1 Basic Information | 18 | NA | |
| | 2-2 Entities Included in the Organization's Sustainability Reporting | 1.1.3 Boundaries and Scope | 4 | | |
| | 2-3 Reporting Period, Frequency, and Contact Point | 1.1.1 Reporting Period | 4 | | |
| | | 1.1.7 Contact Information | 6 | | |
| | 2-4 Restatements of Information | 1.1.4 Information Restatement | 5 | | |
| | 2-5 External Assurance | 1.1.6 External Assurance/Verification | 6 | | |
| | 2-6 Activities, Value Chain, and Other Business Relationships | 4.1.2 Supply Chain Structure | 46 | | |
| | 2-7 Employees | 2.1.1 Basic Information | 18 | | |
| | | 6.1.2 Talent Recruitment | 89 | | |
| | 2-8 Workers who are not employees | 6.1.2 Talent Recruitment | 89 | | |
| | 2-9 Governance Structure and Composition | 2.2.1 Governance Framework | 20 | | |
| | | 2.2.2 Functional Committee | 25 | | |
| | 2-10 Nomination and Selection of the Highest Governance Body | 2.2.1 Governance Framework | 20 | | |
| | 2-11 Chair of the Highest Governance Body | 2.2.1 Governance Framework | 20 | | |
| 2-12 Role of the Highest Governance Body in Overseeing the Management of Impacts | 1.4.2 Material Topic Impact Management | 16 | | | |
| 2-13 Person in Charge of Impact Management | 1.4.2 Material Topic Impact Management | 16 | | | |
| 2-14 Role of the Highest Governance Body in Sustainability Reporting | 1.4.1 Material Topic Assessment Process | 14 | | | |



| GRI Standard | Topic | Chapter of the Report | Pages | Omission | |
|---|---|--|-------|---------------|------------------------|
| | | | | Omitted Topic | Reason and Explanation |
| | 2-15 Conflicts of Interest | 2.2.1 Governance Framework | 20 | | |
| | 2-16 Communication of Critical Concerns | 2.2.2 Functional Committee | 25 | | |
| | 2-17 Collective Knowledge of the Highest Governance Body | 2.2.1 Governance Framework | 20 | | |
| | 2-18 Evaluation of the Performance of the Highest Governance Body | 2.2.1 Governance Framework | 20 | | |
| | 2-19 Remuneration Policies | 2.2.1 Governance Framework | 20 | | |
| | 2-20 Process to Determine Remuneration | 2.2.1 Governance Framework | 20 | | |
| | 2-21 Annual Total Compensation Ratio | 6.2.1 Equal and Competitive Remuneration | 100 | | |
| | 2-22 Statement on Sustainable Development Strategy | 1.2.1 Message from the Management | 7 | | |
| | 2-23 Policy Commitments | 2.4.1 Ethical Management | 30 | | |
| | 2-24 Embedding Policy Commitments | 2.4.1 Ethical Management | 30 | | |
| | 2-25 Processes to Remedy Negative Impacts | 2.4.1 Ethical Management | 30 | | |
| | | 2.4.2 Human Rights Policy | 31 | | |
| | 2-26 Mechanisms for Seeking Advice and Raising Concerns | 2.4.1 Ethical Management | 30 | | |
| | | 2.4.2 Human Rights Policy | 31 | | |
| | 2-27 Compliance With Laws and Regulations | 2.4.3 Regulatory Compliance | 32 | | |
| | 2-28 Membership Associations | 2.1.1 Basic Information | 18 | | |
| 2-29 Approach to Stakeholder Engagement | 1.3.1 Identifying Stakeholders | 11 | | | |
| | 1.3.2 Stakeholder Communication | 11 | | | |
| 2-30 Collective Bargaining Agreements | 6.1.3 Labor-Management Agreement | 96 | | | |
| GRI 3: Material Topics 2021 | 3-1 Process to Determine Material Topics | 1.4.1 Material Topic Assessment Process | 14 | NA | |
| | 3-2 List of Material Topics | 1.4.2 Material Topic Impact Management | 16 | | |



Topic-specific Disclosures

| GRI Standard | Topics | Chapter of the Report | Pages | Omission | |
|--|--|---|-------|---------------|------------------------|
| | | | | Omitted Topic | Reason and Explanation |
| Material Topic: Business Integrity | | | | | |
| GRI 3: Material Topics 2021 | 3-3 Management of Material Topics | 2.4 Responsible Business Conduct | 29 | | |
| GRI 205: Anti-corruption 2016 | 205-3 Confirmed Incidents of Corruption and Actions Taken | No corruption incidents occurred this year. | - | | |
| GRI 206: Anticompetitive Behavior 2016 | 206-1 Legal Actions for Anticompetitive Behavior, Anti-trust, and Monopoly Practices | No anticompetitive behavior incidents occurred this year. | - | | |
| Material Topic: Energy | | | | | |
| GRI 3: Material Topics 2021 | 3-3 Management of Material Topics | 5.1 Energy Conservation and Carbon Reduction | 53 | | |
| GRI 302: Energy 2016 | 302-1 Energy Consumption Within the Organization | 5.1.2 Energy Consumption | 58 | | |
| | 302-3 Energy Intensity | 5.1.2 Energy Consumption | 58 | | |
| | 302-4 Reduction of Energy Consumption | 5.1.4 Energy-saving and Carbon Reduction Measures | 66 | | |
| Material Topic: Greenhouse Gas Emissions | | | | | |
| GRI 3: Material Topics 2021 | 3-3 Management of Material Topics | 5.1 Energy Conservation and Carbon Reduction | 53 | | |
| GRI 305: Emissions 2016 | 305-1 Direct (Scope 1) GHG emissions | 5.1.3 Greenhouse Gas Inventory | 62 | | |
| | 305-2 Energy Indirect (Scope 2) ghg Emissions | 5.1.3 Greenhouse Gas Inventory | 62 | | |
| | 305-4 Greenhouse gas Emissions Intensity | 5.1.3 Greenhouse Gas Inventory | 62 | | |
| | 305-5 Reduction of GHG Emissions | 5.1.4 Energy-saving and Carbon Reduction Measures | 66 | | |
| Material Topic: Waste | | | | | |
| GRI 3: Material Topics 2021 | 3-3 Management of Material Topics | 5.3 Waste Management | 73 | | |
| GRI 306: Waste 2020 | 306-3 Waste generated | 5.3.3 Waste Transportation and Disposal | 80 | | |
| | 306-4 Waste Diverted From Disposal | 5.3.3 Waste Transportation and Disposal | 80 | | |
| | 306-5 Waste Directed to Disposal | 5.3.3 Waste Transportation and Disposal | 80 | | |
| Material Topic: Occupational Health and Safety | | | | | |
| GRI 3: Material Topics 2021 | 3-3 Management of Material Topics | 6.4 Workplace Safety | 108 | | |
| GRI 403: | 403-1 Occupational Health and Safety Management | 6.4.1 Occupational Health and Safety | 109 | | |



| GRI Standard | Topics | Chapter of the Report | Pages | Omission | |
|--|---|---|-------|---------------|------------------------|
| | | | | Omitted Topic | Reason and Explanation |
| Occupational Health and Safety 2018 | System | Management | | | |
| | 403-2 Hazard Identification, Risk Assessment, and Incident Investigation | 6.4.1 Occupational Health and Safety Management | 109 | | |
| | 403-3 Occupational Health Services | 6.4.1 Occupational Health and Safety Management | 109 | | |
| | 403-4 Worker Participation, Consultation, and Communication on Occupational Health and Safety | 6.4.1 Occupational Health and Safety Management | 109 | | |
| | 403-5 Worker Participation, Consultation, and Communication on Occupational Health and Safety | 6.4.1 Occupational Health and Safety Management | 109 | | |
| | 403-6 Promotion of Worker Health | 6.4.1 Occupational Health and Safety Management | 109 | | |
| | 403-7 Prevention and Mitigation of Occupational Health and Safety Impacts Directly Linked by Business Relationships | 6.4.1 Occupational Health and Safety Management | 109 | | |
| | 403-8 Workers covered by an occupational health and safety management system | 6.4.1 Occupational Health and Safety Management | 109 | | |
| | 403-9 Work-related injuries | 6.4.2 Occupational Injuries and Occupational Diseases | 117 | | |
| | 403-10 Work-related ill health | No occupational disease incidents occurred this year. | - | | |
| Material Topic: Employee Benefits and Compensation | | | | | |
| GRI 3: Material Topics 2021 | 3-3 Management of Material Topics | 6.2 Remuneration and Benefits | 98 | | |
| GRI 202: Market Presence 2016 | 202-1 Ratios of standard entry level wage by gender compared to local minimum wage | 6.2.1 Equal and Competitive Remuneration | 99 | | |
| GRI 401: Employment 2016 | 401-2 Benefits provided to full-time employees (excluding temporary or part-time employees) | 6.2.2 Comprehensive Welfare Measures | 101 | | |
| | 401-3 Parental leave | 6.2.3 Family-friendly Workplace | 103 | | |
| Material Topic: Product Quality and Safety | | | | | |
| GRI 3: Material Topics 2021 | 3-3 Management of Material Topics | 3.2 Product Quality and Safety | 43 | | |
| GRI 416: Customer Health and Safety 2016 | 416-2 Incidents of non-compliance concerning the health and safety impacts of products and services | 3.2 Product Quality and Safety | 43 | | |
| Other Voluntary Disclosures | | | | | |
| GRI 201: Economic Performance 2016 | 201-1 Direct economic value generated and distributed | 2.3 Economic Value | 27 | | |



| GRI Standard | Topics | Chapter of the Report | Pages | Omission | |
|---|---|--|-------|---------------|------------------------|
| | | | | Omitted Topic | Reason and Explanation |
| GRI 202: Market Presence 2016 | 202-2 Proportion of senior management hired from the local community | 6.1.2 Talent Recruitment | 89 | | |
| GRI 303: Water and Effluents 2018 | 303-3 Water withdrawal | 5.2 Water Resource Management | 68 | | |
| | 303-4 Water discharge | 5.2 Water Resource Management | 68 | | |
| | 303-5 Water consumption | 5.2 Water Resource Management | 68 | | |
| GRI 305: Emissions 2016 | 305-7 Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions | 5.4 Air Quality | 86 | | |
| GRI 308: Supplier Environmental Assessment 2016 | 308-1 New suppliers that were screened using environmental criteria | 4.2.1 Supply Chain Management Policy | 48 | | |
| GRI 308: Supplier Environmental Assessment 2016 | 308-2 Negative environmental impacts in the supply chain and actions taken | 4.2.2 Supply Chain Audit Effectiveness | 50 | | |
| GRI 401: Employment 2016 | 401-1 New employee hires and employee turnover | 6.1.2 Talent Recruitment | 89 | | |
| GRI 404: Training and Education 2016 | 404-1 Average hours of training per year per employee | 6.3 Training and Development | 105 | | |
| GRI 405: Diversity and Equal Opportunity 2016 | 405-1 Diversity of Governance Bodies and Employees | 2.2.1 Governance Framework | 20 | | |
| | | 6.1.2 Talent Recruitment | 89 | | |



SASB Standards Index Table

Statement of Use: Pan-International Group has reported the ESG information in accordance with the SASB Standards for the period January 1 to December 31, 2023.

SASB Industry: RT-EE (Resource Transformation - Electrical & Electronic Equipment)

| Indicator Type | SASB Code | Disclosure Topic | Topic | Nature | Quantity | Unit | Chapter of the Report | Pages | Omission | |
|--------------------|------------------------------|---|---|-----------------------|---------------------------|---------------------------|---|-------|--|------------------------|
| | | | | | | | | | Omitted Topic | Reason and Explanation |
| Accounting Metrics | RT-EE-130a.1 | Energy Management | (1) Total energy consumed | Quantitative Analysis | 492,727.302 | Gigajoules (GJ) | 5.1.2 Energy Consumption | 58 | | |
| | | | (2) Grid electricity percentage | Quantitative Analysis | 91.85 | Percentage (%) | 5.1.2 Energy Consumption | 58 | | |
| | | | (3) Renewable energy source percentage | Quantitative Analysis | 0.68 | Percentage (%) | 5.1.2 Energy Consumption | 58 | | |
| | RT-EE-150a.1 | Hazardous waste management | Amount of hazardous waste generated | Quantitative Analysis | 6,054.538 | Tonnes (t) | 5.3.3 Waste Transportation and Disposal | 80 | | |
| | | | Hazardous Waste Recycled Rate | Quantitative Analysis | 13.5 | Percentage (%) | 5.3.3 Waste Transportation and Disposal | 80 | | |
| | RT-EE-150a.2 | Hazardous waste management | Number of reportable spills and the quantity of spills | Quantitative Analysis | None | Number, Kilograms (kg) | No spill incidents occurred this year. | - | | |
| | | | Recovery amount | Quantitative Analysis | None | Kilograms (kg) | | - | | |
| | RT-EE-250a.1 | Product safety | Number of recalls and total units recalled | Quantitative Analysis | None | Quantity | No product recalled this year. | - | | |
| | RT-EE-250a.2 | Product safety | Total amount of monetary losses as a result of legal proceedings associated with product safety | Quantitative Analysis | None | New Taiwan Dollar | | - | | |
| | RT-EE-410a.1 | Product lifecycle management | Percentage of products by revenue that contain IEC 62474 declarable substances | Quantitative Analysis | Not applicable | Percentage of revenue (%) | - | - | The nature of the Company's products is not applicable | |
| RT-EE-410a.2 | Product lifecycle management | Revenue proportion of products with energy efficiency certification | Quantitative Analysis | Not applicable | Percentage of revenue (%) | - | - | | | |
| RT-EE-410a.3 | Product lifecycle management | Revenue from renewable energy-related and energy | Quantitative Analysis | Not applicable | New Taiwan Dollar | - | - | | | |



| Indicator Type | SASB Code | Disclosure Topic | Topic | Nature | Quantity | Unit | Chapter of the Report | Pages | Omission | |
|------------------|--------------|------------------------|---|-------------------------|-------------------------------|-------------------|--|-------|---------------|------------------------|
| | | | | | | | | | Omitted Topic | Reason and Explanation |
| | | | efficiency-related products | | | | | | | |
| | RT-EE-440a.1 | Source of raw material | Description of the risk management associated with the use of critical materials | Discussion and Analysis | - | - | Please refer to the description in Item 6 of the "Electronic Components Industry Sustainability Disclosure Indicators" | 135 | | |
| | RT-EE-510a.1 | Business ethics | (1) Description of policies and practices for prevention of corruption and bribery | Discussion and Analysis | - | - | 2.4.1 Ethical Management | 30 | | |
| | | | (2) Description of policies and practices for anticompetitive behavior | Discussion and Analysis | - | - | 2.4.1 Ethical Management | 30 | | |
| | RT-EE-510a.2 | Business ethics | Total amount of monetary losses as a result of legal proceedings associated with bribery or corruption | Quantitative Analysis | None | New Taiwan Dollar | No corruption incidents occurred this year. | - | | |
| | RT-EE-510a.3 | Business ethics | Total amount of monetary losses as a result of legal proceedings associated with anticompetitive behavior regulations | Quantitative Analysis | None | New Taiwan Dollar | No anticompetitive behavior incidents occurred this year. | - | | |
| Activity Metrics | RT-EE-000.A | | Production quantities of various product types | Quantitative Analysis | Please refer to Annual Report | Quantity | Please refer to page 68 of the Company's 2023 Annual Report for Shareholders' Meeting. | - | | |
| | RT-EE-000.B | | Number of employees | Quantitative Analysis | 3,210 | People | - | - | | |



Sustainability Disclosure Indicators for Electronic Components Industry (Appendix 1-12)

| No. | Indicators | Indicator Type | Annual Disclosure Status | Unit |
|-----|---|-------------------------|--|---|
| 1 | Total energy consumption | Quantitative | 492,727.302 | Gigajoules (GJ) |
| | Percentage of Purchased Electricity | | 91.85 | Percentage (%) |
| | Percentage of renewable energy use | | 0.68 | Percentage (%) |
| 2 | Total Water Withdrawal | Quantitative | 1543.391 | Thousand cubic meters (m ³) |
| | Total Water Consumption | | 308.678 | Thousand cubic meters (m ³) |
| 3 | Weight of hazardous waste generated | Quantitative | 6,054.538 | Tonnes (t) |
| | Percentage of hazardous waste recycled | | 13.5 | Percentage (%) |
| 4 | Description of occupational accident types, numbers, and rates | Quantitative | One occupational accident occurred this year, caused by improper operation of equipment, resulting in a toe fracture. The occupational accident rate was 0.1. | Rate (%), Number |
| 5 | Product lifecycle management disclosure: Weight of scrapped products and electronic waste (Note 1) | Quantitative | 0 | Tonnes (t) |
| | Product lifecycle management disclosure: Percentage of scrapped products and electronic waste recycled (Note 1) | | 0 | Percentage (%) |
| 6 | Description of risk management related to the use of critical materials | Qualitative Description | Currently, copper-related products are the major raw materials used in the Company's products, so fluctuations in copper prices will have a certain impact on costs and profits. In order to reduce the impact of copper price fluctuations, the procurement department has established a copper price monitoring mechanism, and adopts centralized purchasing or advance purchasing methods promptly to stabilize costs. The business department maintains good relationships with customers and appropriately raises prices to reflect material costs. At the same time, front-end manufacturing process production lines are set up in factories to further control production costs. The monthly business review meeting also lists copper price fluctuation analysis as an important review item for immediate decision-making to reduce the impact of this risk on the Company's operations. | Not applicable |
| 7 | Total amount of losses because of legal proceedings associated with anticompetitive behavior regulations | Quantitative | 0 (No anticompetitive behavior incidents occurred this year) | Reporting currency |
| 8 | Main product output by product category | Quantitative | Please refer to page 68 of the Company's 2023 Annual Report for Shareholders' Meeting. | Varies by product type |



Limited Assurance Statement from Accountants



會計師有限確信報告

育會綜字第 23011990 號

廣宇科技股份有限公司 公鑒：

本會計師受廣宇科技股份有限公司（以下簡稱「貴公司」）之委任，對 貴公司選定 2023 年度永續報告書所報導之關鍵績效指標（以下簡稱「所選定之關鍵績效指標」）執行確信程序。本會計師業已確信竣事，並依據結果出具有限確信報告。

標的資訊與適用基準

本確信案件之標的資訊係 貴公司上開所選定之關鍵績效指標，有關所選定之關鍵績效指標及其適用基準詳列於 貴公司 2023 年度永續報告書第 137 頁之「確信項目彙總表」。前述所選定之關鍵績效指標之報導範圍業於永續報告書第 5~6 頁之「報告書範疇與邊界」段落述明。

管理階層之責任

貴公司管理階層之責任係依照適用基準編製永續報告書所選定之關鍵績效指標，且設計、付諸實行及維持與所選定之關鍵績效指標編製有關之內部控制，以確保所選定之關鍵績效指標未存有導因於舞弊或錯誤之重大不實表達。

先天限制

本簽證多確信項目涉及非財務資訊，相較於財務資訊之確信受有更多先天性之限制。對於資料之相關性、重大性及正確性等之質性解釋，則更取決於個別之假設與判斷。

會計師之獨立性及品質管理

本會計師及本事務所已遵循會計師職業道德規範有關獨立性及其他道德規範之規定，該規範之基本原則為正直、公正客觀、專業能力及專業上應有之注意、保密及專業行為。

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本事務所適用品質管理準則 1 號「會計師事務所之品質管理」，該品質管理準則規定會計師事務所設計、付諸實行及執行品質管理制度，包含與遵循職業道德規範、專業準則及所適用法令有關之政策或程序。

會計師之責任

本會計師之責任係依照確信準則 3000 號「非屬歷史性財務資訊查核或核閱之確信案件」規劃及執行有限確信案件，基於所執行之程序及所獲取之證據，對第一段所述 貴公司所選定之關鍵績效指標是否未存有重大不實表達取得有限確信，並作成有限確信之結論。

依確信準則 3000 號之規定，本有限確信案件工作包括評估 貴公司採用適用基準編製永續報告書所選定之關鍵績效指標之妥適性，評估所選定之關鍵績效指標導因於舞弊或錯誤之重大不實表達風險，依情況對所評估風險作出必要之因應，以及評估所選定之關鍵績效指標之整體表達，有關風險評估程序（包括對內部控制之瞭解）及因應所評估風險之程序，有限確信案件之範圍明顯小於合理確信案件。

本會計師對第一段所述 貴公司所選定之關鍵績效指標所執行之程序係基於專業判斷，該等程序包括查詢、對流程之觀察、文件之檢查與分析性程序是否適當之評估，以及與相關紀錄之核對或調節。

基於本案件情況，本會計師於執行上述程序時：

- 已對參與編製所選定之關鍵績效指標之相關人員進行訪談，以瞭解編製上述資訊之流程、所應用之資訊系統，以及攸關之內部控制，以辨認重大不實表達之領域。
- 基於對上述事項之瞭解及所辨認之領域，已對所選定之關鍵績效指標進行分析性程序，並選取樣本進行包括查詢、觀察、檢查及重新執行等測試，以取得有限確信之證據。

相較於合理確信案件，有限確信案件所執行程序之性質及時間不同，其範圍亦較小，故於有限確信案件所取得之確信程度亦明顯低於合理確信案件中取得者。因此，本會計師不對 貴公司所選定之關鍵績效指標在所有重大方面，是否依照適用基準編製，表示合理確信之意見。

此報告不對 2023 年度永續報告書整體及其相關內部控制設計或執行之有效性提供任何確信。



有限確信之結論

依據所執行之程序與所獲取之證據，本會計師並未發現第一段所述 貴公司所選定之關鍵績效指標在所有重大方面有未依照適用基準編製之情事。

其它事項

貴公司網站之維護係 貴公司管理階層之責任，對於確信報告於 貴公司網站公告後任何所選定之關鍵績效指標或適用基準之變更，本會計師將不自就該等資訊重新執行確信工作之責任。

資誠聯合會計師事務所

會計師

吳仁杰



西元 2024 年 8 月 14 日



廣宇科技股份有限公司

西元 2023 年度

確信項目彙總表

| 編號 | 項目 | 確信標的資訊 | 頁次 | 適用基準 |
|----|--------------|---|-----|--|
| 1 | 總取水量 | 2023 年廣宇科技總取水量為 1,543,391 千立方公尺(百萬公升)。 | 68 | 依公司所示之 2023 年度取水量統計數據(數據來源為水費單)，統計範疇為台北總部、東莞廣宇、江西新海洋、煙台宏華勝及蕪湖瑞昌。 |
| 2 | 職業災害比率 | 廣宇科技本年度職業災害事故率為 0.08。 | 118 | 依據公司內部的災害防範規定及作業準則之職業安全與衛生，統計 2023 年各單位可紀錄職業傷害數及總工作時數。 |
| 3 | 誠信經營－供應商盡職調查 | 廣宇科技為導引及落實各經營據點成員及公司之利害關係人，瞭解本公司之誠信經營政策，本公司實施一系列措施及管理機制，針對供應商做盡職調查，以利審查及篩選。 | 31 | 依據公司內部之誠信經營作業程序及行為指南及誠信經營守則，於當年度針對供應商做盡職調查之結果。 |



System Certificates

Dongguan Pan-International





Honghuasheng, Yantai





CJ Electric Systems, Wuhu

证书

兹证明:

芜湖瑞昌电气系统有限公司
中国安徽省芜湖市鸠江区 69-1 号 2 号厂房, 4 号厂房, 2 号
邮政编码: 241000

已建立并实施一个**环境管理体系**

在以下范围中:
汽车控制设备

经认证, 符合 ISO 14001 标准的要求。
该管理体系符合以下标准的要求:

ISO 14001 : 2015

证书注册号: 50053616 IAF15
有效期至: 2024-12-02
发证日期: 2023-12-01
换证日期: 2024-12-02

IAF
DAKKS

DQS GmbH
Christian Grottel
总经理

Accredited Body: DQS GmbH, August-Schaner-Strasse 21, 69463 Frankfurt am Main, Germany
Responsible Officer: 2024 年 12 月 2 日, 注册公司, 中华人民共和国工业和信息化部 ICP 证: 皖 ICP 证 010101 号
证书编号: 66-07-16, 有效期至: 2026-12

证书

兹证明:

芜湖瑞昌电气系统有限公司
中国安徽省芜湖市鸠江区 69-1 号 2, 4 号厂房
邮政编码: 241000
IATF USE YESSIP

已建立并实施一个**质量管理体系**

在以下范围中:
汽车零部件制造

经认证, 符合 ISO 9001 标准的要求, 符合 IATF 16949 标准的要求。

IATF 16949:2016
[符合认证]

证书注册号: 50053616 IATF16
有效期至: 2023-11-07
发证日期: 2023-11-04
IATF 注册号: 0487924

Z-ÜD-IGMC-01001

为及代表 DQS

Manuel L. Herberichs
Director Corporate Audits and Integration, DQS-Willing GmbH

Manuel Orendt
DQS-IGMC-Willing GmbH

DQS Contact Office: DQS-Willing GmbH, Central-Administration-Strasse 9-10, 41118 Bielefeld, Germany
The validity of this certificate can only be verified by the DQS code.



2023 ISO 14064-1: 2018 Organizational Level Greenhouse Gas Verification Certificate- Honghuasheng, Yantai




中国认可
国际互认
审定核查
VALIDATION VERIFICATION
CNAS C012-V

温室气体核查陈述

(正本)
款证书



依据 ISO 14064-3:2019 标准核查
宏华胜精密电子(烟台)有限公司

温室气体报告和清单(发布日期: 2024年08月08日; 覆盖的
时段: 2023年01月01日-2023年12月31日)符合
ISO 14064-1:2018 标准要求

报告年度总排放量: **126,372 吨二氧化碳当量**

类别 1: 直接温室气体排放和清除量 1250.23 吨二氧化碳当量
类别 2: 输入能源的直接排放 78,155.62 吨二氧化碳当量
类别 3: 交通运输的间接排放 539.50 吨二氧化碳当量
类别 4: 组织使用的产品的间接排放 46426.50 吨二氧化碳当量
类别 5: 组织的产品使用过程相关的排放 0 吨二氧化碳当量
类别 6: 其他间接排放源的排放 0 吨二氧化碳当量

注册地址: 烟台经济技术开发区长沙路18号
组织边界: 位于烟台经济技术开发区长沙路18号的宏华胜精密电子(烟台)有限公司厂区
相关活动: PCB的制造
保证等级: 合理保证等级
实质性: 5B

《ISO 14064 现场核查报告》是本温室气体核查陈述的组成部分, 应同
B. 提供给用户



总经理 



中国认可
国际互认
审定核查
VALIDATION VERIFICATION
CNAS C012-V

温室气体核查陈述

编号: CEPREI-2024-GHG-0041

附件

第 1 页 共 1 页

| 序号 | 年度 | 组织边界 | 相关活动 | 排放量(吨二氧化碳当量) | | |
|----|-----------------------|-------------------------------------|--------|--------------|-----------|-----------|
| | | | | 排放量 | 范围 | 合计 |
| 1 | 2023.01.01-2023.12.31 | 位于烟台经济技术开发区长沙路18号的宏华胜精密电子(烟台)有限公司厂区 | PCB的制造 | 类别 1 | 1250.23 | 1250.23 |
| | | | | 类别 2 | 78,155.62 | 78,155.62 |
| | | | | 类别 3 | 539.50 | 539.50 |
| | | | | 类别 4 | 46426.50 | 46426.50 |
| | | | | 类别 5 | 0 | 0 |
| | | | | 类别 6 | 0 | 0 |
| | | | | 合计 | 126,372 | 126,372 |



中国认可
国际互认
审定核查
VALIDATION VERIFICATION
CNAS C012-V

Greenhouse Gas Verification Statement

(Original)
This is to certify that

The Greenhouse Gas Statement (Date issued:2024.08.08;Covered period:2023.01.01-2023.12.31) of

Honghuasheng Precision Electronics(Yantai) Co., Ltd.

has been verified in accordance with ISO 14064-3:2019 as meeting the requirements of

ISO 14064-1:2018

Total GHG Emissions: 126,372 tCO₂e

- Category 1: Direct GHG emissions and removals: 1250.23 tCO₂e
- Category 2: Indirect GHG emissions from purchased energy:78,155.62 tCO₂e
- Category 3: Indirect GHG emissions from transportation:539.50 tCO₂e
- Category 4: Indirect GHG emissions from products used by organization: 46426.50 tCO₂e
- Category 5: Indirect GHG emissions associated with the use of products from the organization: 0 tCO₂e
- Category 6: Indirect GHG emissions from other sources: 0 tCO₂e

Registration Address: No.18,Changsha Road, Yantai Economy And Technology Development Area, Shandong, China

Organizational Boundaries:Honghuasheng Precision Electronics(Yantai) Co., Ltd. Plant area, located at No.18,Changsha Road, Yantai Economy And Technology Development Area, Shandong, China

Activities: PCB manufacturing

Level of Assurance: Reasonable assurance

Materiality: 5%

The ISO 14064 Site Verification Report is an integral part of this GHG verification statement and should be provided to the target user.



No: CEPREI-2024-GHG-0041
Issue date: 2024.08.14

The Certification Body is located in China. All units of the organization are located in China.
地址: 中国山东省烟台市经济技术开发区, 264000, 46号长沙路, 125号栋
电话: 0535-6666666

Wang Chunhui
General Manager
CEPREI CERTIFICATION BODY



中国认可
国际互认
审定核查
VALIDATION VERIFICATION
CNAS C012-V

Greenhouse Gas Verification Statement

Statement No.CEPREI-2024-GHG-0041

Attachment The first page consists of one page

| No. | Year | Organizational Boundaries | Activities | GHG Emissions (tCO ₂ e) | | |
|-----|-----------------------|--|-------------------|------------------------------------|----------------|----------------|
| | | | | Business group | R | Total |
| 1 | 2023.01.01-2023.12.31 | Honghuasheng Precision Electronics(Yantai) Co., Ltd. Plant area, located at No.18,Changsha Road, Yantai Economy And Technology Development Area, Shandong, China | PCB manufacturing | Category 1 | 1250.23 | 1250.23 |
| | | | | Category 2 | 78,155.62 | 78,155.62 |
| | | | | Category 3 | 539.50 | 539.50 |
| | | | | Category 4 | 46426.50 | 46426.50 |
| | | | | Category 5 | 0 | 0 |
| | | | | Category 6 | 0 | 0 |
| | | | | Total | 126,372 | 126,372 |



2023 ISO 14064-1: 2018 Organizational Level Greenhouse Gas Verification Certificate- New Ocean Precision Component, Jiangxi



受核查方确认表

(请以中文正楷和英文印刷体填写此表)

带 CNAS 标志的 ISO 14064-1:2018 认证证书:

| 内 容 | 中 文 | 英 文 |
|--|---|---|
| 组织名称 | 新海洋精密组件(江西)有限公司 | New Ocean Precision Component (Jiangxi) Co., LTD |
| 核查周期 | 2023.01.01~2023.12.31 | 2023.01.01~2023.12.31 |
| 总排放量 (tCO ₂ e) | 类别/年份 | 2023 |
| | 类别 1:直接温室气体排放和清除量 Category 1: Direct GHG emissions and removals | 359.65 |
| | 类别 2:输入能源的间接排放 Category 2: Indirect GHG emissions from imported energy | 3,541.82 |
| | 合计 total | 3,901 |
| 注册地址 /邮编 | 江西省宜春丰城市剑南路 | JIANNAN ROAD, FENGCHENG CITY, JIANGXI PROVINCE, P. R. China |
| 组织边界 | 位于江西省丰城市剑南路99号厂区的A2、A3、主机房、餐厅、仓库及招聘大厅 | Including A2, A3, computer room, restaurant, warehouse and recruitment hall which located in No. 99 Jiannan Road, Fengcheng City, Jiangxi Province, P. R. China |
| 相关活动 | 手机、计算机、网络通讯设备、计算机接口设备、医疗、工业4.0的线缆及线缆接插件产品的制造 | Manufacturing of cables and cable connectors for mobile phones, computers, network communication equipment, computer interface equipment, medical, Industry 4.0 |
| 证书范围 | a) 位于江西省丰城市剑南路99号厂区的A2、A3、主机房、餐厅、仓库及招聘大厅; b) 手机、计算机、网络通讯设备、计算机接口设备、医疗、工业4.0的线缆及线缆接插件产品的制造; c) 类别1、类别2的温室气体排放; d) CO ₂ 、CH ₄ 、N ₂ O、HFCs; e) 2023年度 | / |
| 保证等级 | 合理保证等级 | Reasonable assurance |
| 实质性 | 5% | 5% |
| (定期核查/证书变更时填写)原证书编号: CESI2023EV/GHG0035ROM | | |
| 核查组长确认签名: | | 组织代表确认签名: |
| | 2024年7月19日 | 2024年7月19日 |

需增加证书份数: ___份 注: 如不需增加证书份数的,按常规颁发一份证书(含中英文各一张)