

# R2认证

## 可持续电子产品再利用与回收认证



### 认证收益

- R2已被40多个国家的1070多家电子产品再使用和回收设施采用，是成为知名企业供应商的敲门砖，为企业打开通往品牌供应链的大门。
- 获得终端消费者的信任，在竞争中更有优势。
- 符合国际环保要求，助力企业与国际标准接轨。
- 展示企业社会责任与可持续发展承诺，增强品牌影响力和市场认可度。
- 遵循国家对于ESG（环境、社会、治理）发展的政策导向，帮助企业展示其投资价值和发展潜力

### 涵盖领域

- **环境和公共健康标准：**确保回收过程对环境和公众健康无害。
- **员工健康与安全：**保护从业人员免受有害物质的影响。
- **数据安全：**确保电子设备中的敏感信息被安全销毁。
- **有毒物质管理：**监督整个回收链中的有毒材料处理，防止有害出口

### 申请范围

下游回收链管理、逻辑/物理数据清理、测试/维修、专业电子再利用、材料回收-手工拆解/其它加工、代理作为一个过程/仅代理、光伏组件控制、存储/行政/销售/拣选。

### 认证流程

- ▶ **1. 质量、环境、健康和安全管理体系认证：**组织须先获得如 ISO 9001、14001、45001 认证且确保证书在有效期内，作为 R2 认证的基础。
- ▶ **2. 预评审及合同评审：**对组织的申请信息、资质文件进行核实及审批，并确认所需的审核天数，安排专业的审核员。
- ▶ **3. 一阶段审核：**进行初步的文件审核，确保文件化的管理体系符合 R2 标准要求，并且组织应证明已和SERI签订符合性协议。
- ▶ **4. 二阶段审核：**现场审核组织的回收实践符合 R2 标准。（注：如一阶段或二阶段审核存在不符合项，需整改并验证通过后方可进入下一环节。）
- ▶ **5. 报告评定及发证：**由R2体系经理进行报告评定及作出认证决定后，组织将获得 R2 认证书。
- ▶ **6. 年度审核：**每年进行一次审核，确保组织持续符合 R2 标准要求。每三年进行一次再认证审核，以更新并持续证书有效周期。

### 联系我们

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# R2认证

R2 认证是电子回收行业的国际标准，旨在促进负责任且高效的回收实践。该标准帮助组织降低环境风险、减少电子废物责任、确保数据安全，并降低公共健康风险。



Amtivo集团获得国际认可机构UKAS（英国皇家认可委员会），ANAB（美国国家标准协会和美国质量协会），以及INAB（爱尔兰国家认可委员会）等认可，上海市凯瑞克质量体系认证有限公司（Amtivo China）依托集团资源能够在全球范围内开展UKAS认证业务，拥有以下独特优势，包括

- 国际背景与本地化服务：**依托Amtivo集团在全球40多个国家的资源，结合对中国本地市场的深入理解，为企业提供量身定制的解决方案，确保认证服务既符合国际标准又贴合实际需求。
- 专业团队与丰富经验：**拥有一支经验丰富的专业审核团队，认证过程科学、高效、公正，帮助企业顺利完成认证。
- 高客户推荐率：**多家知名建立了长期合作关系，服务质量获得广泛认可。94%的客户表示愿意推荐我们的服务。

## 部分R2认证客户

- ▶ 摩托罗拉（武汉）
- ▶ 伟翔环保科技
- ▶ 中能环保
- ▶ 凌瑞网络
- ▶ 富宏洋行
- ▶ 维泰电讯
- ▶ 励福环保科技

## 客户案例：摩托罗拉（武汉）

### 项目背景



摩托罗拉SSC武汉翻新工厂是手机再制造领域的领先企业，致力于延长产品生命周期并减少电子废弃物。为了进一步满足国际市场需求并强化可持续发展能力，工厂决定申请ISO 9001、14001、45001体系认证及R2电子回收认证。

### 项目挑战



面对日益严格的环保法规和高标准认证要求，R2认证在国内具有稀缺性，企业需快速优化管理体系以满足严格标准，同时确保审核高效完成。

### 解决方案



摩托罗拉选择携手 Amtivo 凯瑞克开展合作。Amtivo 凯瑞克的专家团队在紧凑的项目周期中，精准对接各个环节的认证要求，站在客户的立场考虑如何节省人力与费用，专业且高效地完成了审核工作。

### 结果



摩托罗拉SSC武汉翻新工厂成功获得ISO及R2多项权威认证，显著提升市场竞争力，增强客户信任，彰显了其对可持续发展的承诺。这不仅为其未来业务拓展创造了更多机会，还树立了良好的国际品牌形象。



# R2

## The Sustainable Electronics Reuse & Recycling



### What Are the Benefits

R2 Certification has been adopted by over 1,070 electronics reuse and recycling facilities across more than 40 countries. It serves as a gateway for businesses to become suppliers for leading companies, opening doors to brand supply chains.

- **Gaining consumer trust:** It enhances a business's competitive edge by securing trust from end consumers.
- **Compliance with international environmental standards:** Helps companies align with global environmental requirements.
- **Showcasing corporate social responsibility (CSR) and sustainability commitments:** Strengthens brand influence and market recognition.
- **Following national policies on ESG (Environmental, Social, Governance) development:** Assists companies in demonstrating their investment value and growth potential.

### Certification Journey

#### 1. Quality, Environmental, Health, and Safety Management System

**Certification:** Organizations must first obtain certifications such as ISO 9001, ISO 14001, and ISO 45001, ensuring these certificates are valid, as a prerequisite for R2 certification.

**2. Pre-assessment and Contract Review:** Verify and approve the organization's application information and qualification documents, confirm the required audit days, and assign qualified auditors.

**3. Stage 1 Audit:** Conduct an initial document review to ensure that the documented management system meets R2 standard requirements. The organization must also demonstrate that it has signed a compliance agreement with SERI.

**4. Stage 2 Audit:** Perform a site audit to assess whether the organization's recycling practices comply with R2 standards. (Note: Any non-conformities identified in Stage 1 or Stage 2 must be rectified and verified before progressing to the next step.)

**5. Report Assessment and Certification Decision:** After evaluation by the R2 System Manager, the audit report will be assessed, and a certification decision will be made. The organization will then be issued the R2 Certification.

**6. Annual Audits:** Conduct annual audits to ensure the organization continues to meet R2 standard requirements. A recertification audit will be conducted every three years to renew and maintain the validity of the certification.

### Area of Application

- Downstream recycling chain management
- Logical/physical data cleaning
- Testing/repair
- Professional electronic reuse
- Material recycling—manual dismantling/other processing
- Acting as an agent in the process/sole agent
- Photovoltaic module control
- Storage/administration/sales/picking

### Framework Covering

- Environmental and public health criteria.
- Worker health and safety.
- Data Security.
- Supervision of toxic materials throughout the chain.
- Prohibiting poisonous exports to countries where imports threaten environmental and public health.
- R2 covers all types of electronic waste from phones, computers, monitors, wearables, to speciality electronics.
- R2's goal is to remove all types of e-waste. Recyclers sanitize data, harvest components for reuse, and where necessary ensure hazardous waste is responsibly managed.



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R2 is an international standard for the electronics recycling industry that upholds responsible and efficient recycling practices. It can help organizations to reduce environmental risks, decrease the liability of e-waste, secure valuable data and lower public health risks.



## Why You Should Choose Amtivo

Amtivo Group is proud to hold accreditation from internationally respected bodies such as **UKAS** (United Kingdom Accreditation Service), **ANAB** (American National Standards Institute and American Society for Quality), and **INAB** (Irish National Accreditation Board). With the support of the Group's extensive resources, Amtivo China is equipped to deliver UKAS-accredited certification services worldwide,

- **Global Expertise with Localized Services:** Drawing on Amtivo Group's presence in over 40 countries worldwide and a deep understanding of the Chinese market, we provide tailored solutions that ensure certification services meet international standards while aligning with practical needs.
- **Professional Team with Extensive Experience:** Our team of experienced auditors ensures a scientific, efficient, and impartial certification process, helping businesses achieve certification smoothly.
- **High Customer Recommendation Rate:** Many renowned companies have established long-term partnerships with us, reflecting the high quality of our services. 94% of clients have expressed willingness to recommend our services.

## Client Case: Motorola Wuhan Factory



**Background:** Motorola SSC Wuhan Refurbishment Factory is a leading company in the mobile phone remanufacturing sector, dedicated to extending product life cycles and reducing electronic waste. To meet the growing international market demand and strengthen its sustainability efforts, the factory decided to apply for ISO 9001, ISO 14001, ISO 45001 certifications, as well as R2 Electronics Recycling Certification.



**Challenges:** With increasingly stringent environmental regulations and high certification standards, R2 certification is rare in China. The company needed to quickly optimise its management systems to meet these strict standards while ensuring an efficient audit process.



**Solution:** Motorola has chosen to collaborate with Amtivo China. The expert team at Amtivo China effectively addressed the certification requirements across various stages of the project within a tight timeline. They considered the client's perspective on how to save both manpower and costs, completing the audit process professionally and efficiently.



**Results:** Motorola SSC Wuhan Refurbishment Factory successfully achieved multiple authoritative certifications, including ISO and R2, significantly boosting its market competitiveness, enhancing customer trust, and demonstrating its commitment to sustainability. This not only created more opportunities for future business expansion but also established a strong international brand image.

