

外贸常用的十大出口认证

Top 10 Common Export Certifications in International Trade

出口认证是产品进入目标市场的“通行证”，不同国家和地区对产品安全、环保、质量的要求不同，对应的认证体系也存在差异。就像我们国家产品需要 CCC 认证，其他国家也有不同的认证体系，**本文梳理十大外贸常用出口认证，包括基本情况、适用国家、适用范围、注意事项。**

Export certifications serve as a “market access passport” for products entering overseas markets. Different countries and regions impose varying requirements on product safety, environmental protection, and quality, resulting in diverse certification systems. Just as products sold in China require CCC certification, other markets maintain their own mandatory or voluntary compliance frameworks. **This article outlines the ‘Top 10 export certifications commonly used in international trade’ , including their basic overview, applicable markets, product scope, and key compliance**

notes

目标市场	必备认证	推荐认证
欧盟	CE、RoHS、REACH	GS (德国安全)、ERP (能效)
美国	FCC、FDA (食品医疗)	UL、ETL
英国	UKCA(过渡期 CE 可用)	UKNI (北爱尔兰)
日本	PSE (菱形强制)	VCCI (电磁兼容)
沙特	SASO/SABER	能效认证
北美	FCC、UL	CSA (加拿大)
中国	CCC	能效标识

Overview by Target Market	Mandatory	Recommended
European Union	CE、RoHS、REACH	GS (Germany Safety Mark), ERP (Energy-related

		Products)
United States	FCC、FDA (Food & Medical)	UL、ETL
United Kingdom	UKCA (CE accepted during transition period)	UKNI (Northern Ireland)
日本	PSE (Diamond Mark)	VCCI (EMC)
Saudi Arabia	SASO/SABER	Energy Efficiency Certification
North America	FCC、UL	CSA (Canada)
China	CCC	China Energy Label

一、CE 认证（欧盟市场核心）

基本情况：Conformité Européenne，欧盟强制性安全标志，是进入欧洲市场的“护照”，证明符合欧盟安全、健康、环保指令要求。

适用国家：欧盟 27 国、欧洲经济区（挪威、冰岛、列支敦士登）

及土耳其等认可欧盟标准国家。

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适用范围：几乎所有进入欧盟市场产品，重点覆盖电子电器、机械、玩具、医疗器械、建筑材料等。

注意事项：

- 1.需根据产品类别选择对应指令（如 LVD 低电压、EMC 电磁兼容、MDR 医疗器械等）。
- 2.必须由欧盟境内制造商或授权代表（需提供欧盟地址）负责符合性声明。
- 3.认证周期通常 1-4 周，有效期一般 5 年，需定期更新。
- 4.英国脱欧后，CE 在英国英格兰、苏格兰、威尔士逐步被 UKCA 替代。

1. CE Certification (Core Requirement for the EU Market)

Overview: CE(Conformit é Europ é enne) marking is a mandatory conformity mark for products entering the European market. It demonstrates compliance with EU directives related to safety, health, and environmental protection and is often referred to as the “passport” to the EU market.

Applicable Countries: EU 27 member states, European Economic Area (Norway, Iceland, Liechtenstein), and other

countries recognizing EU standards, such as Turkey.

Product Scope: Nearly all products placed on the EU market, particularly electrical and electronic equipment, machinery, toys, medical devices, and construction materials.

Key Notes:

1. Applicable EU directives must be identified based on product category (e.g. LVD, EMC, MDR).
2. The EU manufacturer or EU Authorized Representative (with an EU address) must issue the Declaration of Conformity.
3. Typical certification lead time is 1–4 weeks; validity is generally 5 years and subject to renewal.
4. Following Brexit, CE marking is gradually being replaced by UKCA in Great Britain (England, Scotland, Wales).

二、FCC 认证（美国无线与电子必备）

基本情况：美国联邦通信委员会（Federal Communications Commission）认证，确保电子产品电磁兼容性（EMC），避免干扰其他设备，部分类别为强制性。

适用国家：美国及认可 FCC 标准的国家（如加拿大、墨西哥等北美自由贸易区国家）。

适用范围：无线设备（手机、Wi-Fi 设备、蓝牙产品）、电子电器、通信设备、射频设备等。

注意事项：

1.分为自我认证(VOC)、符合性声明(SDoC)和认证(Certification)三种模式，根据产品类型选择。

2.认证周期 2-4 周，无固定有效期，但标准更新时需重新测试。

3.必须在产品上标注 FCC ID（认证产品）或 FCC 标志（自我认证产品）。

2. FCC Certification (Mandatory for U.S. Electronics & Wireless Products)

Overview: FCC certification is issued by the U.S. Federal Communications Commission to ensure electromagnetic compatibility (EMC) and prevent harmful interference. Certain product categories are mandatory.

Applicable Countries: United States and countries recognizing FCC standards (e.g. Canada, Mexico).

Product Scope: Wireless devices (mobile phones, Wi-Fi,

Bluetooth), electronic and electrical products, telecom and RF equipment.

Key Notes:

1. Certification models include VOC, SDoC, and Certification, depending on product type.
2. Lead time is typically 2–4 weeks; no fixed validity period, but retesting is required when standards are updated.
3. Products must be labeled with an FCC ID (certified products) or FCC logo (self-declared products).

三、UL 认证（北美安全信任标志）

基本情况：美国保险商实验室（Underwriters Laboratories）安全认证，非强制性但北美市场认可度极高，被视为产品安全品质的重要证明。

适用国家：美国、加拿大及认可 UL 标准的全球市场。

适用范围：电子电器、建筑材料、照明设备、锂电池、家用电器等，侧重产品安全性评估。

注意事项：

1. 认证周期 4–8 周，需工厂检查，每年监督审核。

2.可与 CSA（加拿大标准协会）认证互认，节省重复测试成本。

3.虽非强制，但无 UL 标志可能影响北美客户采购决策。

3. UL Certification (Highly Trusted Safety Mark in North America)

Overview: UL (Underwriters Laboratories) certification is a non-mandatory but highly recognized safety certification in North America and is widely regarded as proof of product safety and quality.

Applicable Countries: United States, Canada, and other markets recognizing UL standards.

Product Scope: Electrical and electronic products, construction materials, lighting, lithium batteries, household appliances.

Key Notes:

1. Certification lead time: 4–8 weeks; factory inspection required with annual follow-up audits.

2. UL certification can be mutually recognized with CSA, reducing duplicate testing costs.

3. Although not mandatory, lack of UL marking may negatively affect buyer acceptance.

四、PSE 认证（日本电气安全准入）

基本情况：Product Safety of Electrical Appliance & Materials, 日本电气产品安全认证，分为菱形（强制性）和圆形（自愿性）两种标志。

适用国家：日本本土市场。

适用范围：

菱形：116 种特定电气产品（如电源线、变压器、家电等），必须通过认证。

圆形：其他电气产品，非强制但市场认可度高。

注意事项：

- 1.强制性产品需由日本经济产业省（METI）认可的认证机构发证。
- 2.认证周期 3-6 周，需提供日文说明书和标签。
- 3.进口商必须在日本注册，负责产品合规性。

4. PSE Certification (Japan Electrical Safety Market Access)

Overview: PSE (Product Safety of Electrical Appliance & Materials) is Japan's mandatory electrical safety certification, divided into Diamond Mark (mandatory) and Circle Mark (voluntary).

Applicable Countries:Japan.

Product Scope:

Diamond Mark: 116 specified electrical products (e.g. power cords, transformers, household appliances) – mandatory.

Circle Mark: Other electrical products – voluntary but widely accepted.

Key Notes:

1. Mandatory products must be certified by a METI-authorized certification body.
2. Lead time: 3–6 weeks; Japanese manuals and labels are required.
3. Importers must be registered in Japan and are responsible for product compliance.

五、UKCA 认证（英国脱欧后新标志）

基本情况： UK Conformity Assessed，英国脱欧后推出的产品合规标志，替代 CE 在英国的法定地位，2025 年 12 月 31 日前 CE 仍可在英国使用过渡期。

适用国家： 英国（英格兰、苏格兰、威尔士），北爱尔兰特殊安排（可使用 CE 或 UKNI 标志）。

适用范围： 与 CE 类似，覆盖电子电器、机械、玩具、医疗器械等大部分产品。

注意事项：

1. 必须由英国境内授权代表负责符合性声明，提供英国地址。
2. 认证流程与 CE 类似，但测试标准可能有差异，需确认英国最新要求。
3. 北爱尔兰需使用 UKNI 标志 (CE+UKNI)，与欧盟市场保持一致。

5. UKCA Certification (Post-Brexit UK Compliance Mark)

Overview: UKCA (UK Conformity Assessed) marking is the UK's product conformity mark introduced after Brexit, replacing CE for Great Britain. CE marking remains accepted in the UK during the transition period until '31 December 2025' .

Applicable Countries: Great Britain (England, Scotland,

Wales). Northern Ireland follows special arrangements (CE or UKNI).

Product Scope: Similar to CE, covering electrical products, machinery, toys, medical devices, etc.

Key Notes:

1. A UK-based Authorized Representative must issue the Declaration of Conformity with a UK address.
2. Certification procedures are similar to CE, but applicable standards must be confirmed under UK regulations.
3. Northern Ireland requires UKNI marking (CE + UKNI) to remain aligned with the EU market.

六、RoHS 认证（欧盟环保门槛）

基本情况： Restriction of Hazardous Substances, 限制电子电气设备中有害物质指令，强制性环保认证，旨在减少铅、汞、镉等 6 种有害物质使用。

适用国家： 欧盟 27 国、欧洲经济区国家及土耳其等。

适用范围： 电子电气产品及其零部件、原材料，包括家电、IT 设备、通信设备、玩具等。

注意事项：

- 1.2019年7月22日起实施 RoHS 2.0 (2011/65/EU 修订版)，新增 4 种邻苯二甲酸酯限制物质。
- 2.可自我声明，但需保留测试报告和供应链符合性证据。
- 3.与 CE 认证同步进行，作为 CE 标志的必要条件之一。

6. RoHS Certification (EU Environmental Compliance Threshold)

Overview: RoHS (Restriction of Hazardous Substances) is a mandatory EU directive restricting the use of hazardous substances in electrical and electronic equipment.

Applicable Countries: EU 27 member states, EEA countries, and Turkey.

Product Scope: Electrical and electronic products, components, and raw materials, including home appliances, IT equipment, telecom devices, and toys.

Key Notes:

1. RoHS 2.0 (Directive 2011/65/EU) introduced additional restricted phthalates effective from 22 July 2019.

2. Self-declaration is permitted, but test reports and supply chain compliance documents must be retained.

3. RoHS compliance is a prerequisite for CE marking.

七、REACH 认证（欧盟化学品合规核心）

基本情况： Registration, Evaluation, Authorization and Restriction of Chemicals, 化学品注册、评估、授权和限制法规，欧盟强制性合规要求，保护人类健康和环境。

适用国家： 欧盟 27 国及欧洲经济区国家。

适用范围： 所有投放欧盟市场的化学品、含有化学品的产品（如玩具、电子电器、纺织品等），涉及供应链全流程。

注意事项：

1. 年产量或进口量 ≥ 1 吨的化学物质需注册，高关注物质（SVHC）需通报。

2. 非欧盟企业需通过欧盟境内唯一代表（OR）完成注册。

3. 持续更新 SVHC 清单，目前已超过 230 项，需及时应对。

7. REACH Compliance (Core EU Chemical Regulation)

Overview: REACH (Registration, Evaluation, Authorization

and Restriction of Chemicals) is a mandatory EU regulation governing chemical substances to protect human health and the environment.

Applicable Countries: EU 27 member states and EEA countries.

Product Scope: All chemicals and products containing chemical substances placed on the EU market, including toys, electronics, textiles, and consumer goods.

Key Notes:

1. Substances manufactured or imported at ≥ 1 ton/year must be registered; SVHC substances require notification.
2. Non-EU manufacturers must appoint an EU-based Only Representative (OR).
3. The SVHC list is continuously updated (over 230 substances to date) and requires ongoing compliance monitoring.

八、FDA 认证（美国食品药品医疗准入）

基本情况：美国食品药品监督管理局（Food and Drug Administration）认证，覆盖食品、药品、医疗器械、化妆品、食品接触材料等，确保产品安全有效。

适用国家：美国及认可 FDA 标准的国家。

适用范围：

食品：所有进口食品、添加剂、包装材料。

医疗器械：从 I 类到 III 类，分类越高监管越严格。

药品、化妆品、膳食补充剂等。

注意事项：

1. 医疗器械需根据分类进行 510 (k) 预上市通知或 PMA 上市前批准。
2. 食品类需进行设施注册（FDA Food Facility Registration）。
3. 认证周期：食品类 2-4 周，医疗器械 II 类 4-8 周，III 类 6-12 个月。
4. 需缴纳用户费，且每年更新注册信息。

8. FDA Certification (U.S. Food, Drug & Medical Market Access)

Overview: FDA certification is regulated by the U.S. Food and Drug Administration, covering food, drugs, medical devices,

cosmetics, and food-contact materials.

Applicable Countries: United States and markets recognizing FDA standards.

Product Scope:

1. Food and food additives
2. Medical devices (Class I–III)
3. Pharmaceuticals, cosmetics, dietary supplements

Key Notes:

1. Medical devices require 510(k) premarket notification or PMA approval depending on classification.
2. Food products require FDA Food Facility Registration.
3. Lead time:
 - Food: 2–4 weeks
 - Class II medical devices: 4–8 weeks
 - Class III devices: 6–12 months
4. Annual registration renewal and user fees apply.

九、 SASO/SABER 认证（沙特市场强制）

基本情况: 沙特阿拉伯标准组织 (Saudi Standards, Metrology and

Quality Organization) 认证，现通过 SABER (Saudi Arabia Bureau for Accreditation) 电子平台实施，所有出口沙特产品必须注册并获取符合性证书。

适用国家： 沙特阿拉伯。

适用范围： 几乎所有进口产品，重点覆盖电子电器、机械、玩具、食品、建材等。

注意事项：

1. 必须通过 SABER 平台注册，提交测试报告并支付费用。
2. 高风险产品需现场审核，认证周期 3-7 天（低风险）至 2-4 周（高风险）。
3. 证书有效期与批次相关，每批次需单独申请，部分产品可申请长期证书（1 年）。

9. SASO / SABER Certification (Mandatory for Saudi Arabia)

Overview: SASO certification is administered via the SABER electronic platform and is mandatory for all products exported to Saudi Arabia.

Applicable Countries: Saudi Arabia.

Product Scope: Almost all imported products, including electronics, machinery, toys, food, and construction materials.

Key Notes:

1. Registration through the SABER system is mandatory, with test reports and fees required.
2. High-risk products may require factory audits.

Certification lead time:

- Low risk: 3–7 days
- High risk: 2–4 weeks

3. Certificates are shipment-based; some products qualify for 1-year validity certificates.

十、CCC 认证（中国强制与出口互认）

基本情况：中国强制性产品认证（China Compulsory Certification），中国入世承诺的体现，对列入目录的产品实施强制性认证，确保产品安全、环保和健康。

适用国家：中国本土市场，部分国家认可 CCC 认证结果用于快速获取当地认证。

适用范围：22 大类 149 种产品，包括电子电器、汽车、玩具、医疗器械、消防产品等。

注意事项：

1. 必须由中国境内认证机构发证，认证周期 4-6 周，需工厂检查。
2. 出口到中国的产品必须获得 CCC 认证，否则无法清关。
3. CCC 认证与 CB 认证互认，可凭 CB 测试报告快速转换 CCC 认证，节省时间成本。

10. CCC Certification (China Compulsory Certification)

Overview: CCC (China Compulsory Certification) is China's mandatory product certification system implemented under WTO commitments, ensuring product safety, environmental protection, and consumer health.

Applicable Countries: China domestic market; some countries recognize CCC results for expedited local certification.

Product Scope: 22 product categories covering 149 products, including electrical products, vehicles, toys, medical devices, and fire protection equipment.

Key Notes:

1. Certificates must be issued by China-authorized certification bodies; factory inspection required.
2. Products without CCC certification cannot be imported or customs-cleared into China.
3. CCC certification is mutually recognized with CB certification, allowing conversion using CB test reports to reduce time and cost.