Compliance and global market access for the appliance industry in a smart world
Testing and certification services

UL supports the safety, security and energy efficiency of household and commercial appliances for global market access.

With 125 years of business intelligence and a deep understanding of the regulatory landscape, we have helped thousands of manufacturers navigate international standards to ensure the safety, security and performance of their products. In that time, we have earned worldwide recognition for the electrical and fire safety of electrical appliances.

We provide independent, comprehensive testing with a strong focus on Europe at more than 20 state-of-the-art laboratories for household, professional and commercial appliances of all sizes and purposes. From baking and cooking to heating and steam extraction, we work closely with key industry stakeholders to help develop and update standards for emerging technologies worldwide.

When preparing to launch your next product platform, consider UL to help meet your goals.

Reach global markets faster. As a global compliance expert, we can help you streamline your testing and certification schedule and get access to European, North American and other markets, from one local testing laboratory.

Reduce time-to-market and costs. Achieve competitive advantage by collaborating with a single service provider for multiple certifications. Our team of experts can help manufacturers optimize the safety, security, efficiency and performance of their products. In that time, we have earned worldwide recognition for the electrical and fire safety of electrical appliances.

Get your innovations ready for connected markets. Meet regulatory and industry requirements for wireless performance, cybersecurity and energy efficiency through independent testing and certification. We offer comprehensive product development support (including engineering services, prototyping and reliability testing) to help you bring new products to market quickly.

Get specialized training and insights. Benefit from a wide range of online and onsite training, plus customized advisory services specifically developed for your engineers, product developers and compliance professionals.

Use one trusted contact for all your business needs. We offer support every step of the way — including pre-market, sourcing, risk analysis, quality assurance, regulatory compliance review, energy efficiency testing and environmental certifications.
We are a leading member of the IECEE CB Scheme and an active driver in international committees of members and non-member countries.

We provide local testing services and a single access point for international certifications. Use our recognized CB Test Reports to obtain CB Certificates in CB Scheme member countries and many other countries around the globe.

Supporting your CE marking process
- Navigate risk assessment as required by new directives
- Identify applicable directives and harmonized standards
- Compile the Technical Documentation File (TDF) for CE marking
- Evaluate products in accordance with the applicable harmonized standards
- Provide guidance on application of directives, including the steps leading up to affixing the CE marking
- Identify the notified body if required for conformity
- Conduct product tests and conformity assessments
- Receive a product registration in a country where it is required by the manufacturer

Get the UL GS Mark

UL GS Mark

The UL GS Mark is a voluntary mark. As a notified GS body, we provide proof of the examined type’s compliance with the requirements of the Product Safety Act (Produktsicherheitsgesetz) both with regard to health and safety and also other legal regulations and technical specifications.

The GS Mark is not a comprehensive seal of quality designed to indicate the lifespan or performance of a product, but unlike the CE marking – certifies that the product has been evaluated for safety by a neutral third party.

The European Norms Electrical Certification (ENEC) is the European quality mark for electrical products that demonstrates compliance with European standards (EN). ENEC testing takes place in an independent test laboratory recognized by ENEC. ENEC means safety in Europe, and all signatories to the ENEC mark program actively demonstrate their commitment to the highest safety standards.

As an ENEC approved testing laboratory (ENEC TL), we help you with all the ENEC requirements, including ongoing monitoring, marketplace-based monitoring and annual factory inspections. Procedures for the ENEC mark follow all Type 1 Certification schemes.

Supporting product launches worldwide

We offer bundled services (including advisory, testing and certification) for all your target markets.

We facilitate faster global market access through well proven global programs.

Access global markets faster with integrated solutions for safety and energy efficiency, EMC and wireless approvals.

We provide local testing services and a single access point for international certifications.

Supporting your CE marking process

• We offer flexible, customized CE marking services to help you fulfill the Declarations of Conformity (DoC) and Technical Documentation File (TDF) for CE marking.

• Identify the notified body if required for conformity.

• Conduct product testing and conformity assessments.

• Reconfirm a product registration in a country where it is required by the manufacturer.

Supporting your CE marking process

• Navigate risk assessment as required by new directives.

• Identify applicable directives and harmonized standards.

• Compile the Technical Documentation File (TDF) for CE marking.

• Evaluate products in accordance with the applicable harmonized standards.

• Provide guidance on application of directives, including the steps leading up to affixing the CE marking.

• Identify the notified body if required for conformity.

• Conduct product tests and conformity assessments.

• Reconfirm a product registration in a country where it is required by the manufacturer.

Work with the No.1 issuer of CE certificates.

We are a leader member of the ECETEC CB Scheme and an active driver in international committees of standards harmonization.

We operate four National Certification Bodies (NCBs) and over 50 Certification Body Testing Laboratories (CTUs) around the globe.

We provide local testing services and a single access point for international certifications. Use our recognized CE Test Reports to obtain CE Certificates in CE Scheme member countries and many other non-member countries.

This information is subject to change due to evolving regulations and is for guidance and illustration purposes only. You may reproduce some of the media artwork etc. but it may be used only in advertising your products that meet the applicable requirements.

Get ready for European markets

The US GS Mark is a voluntary mark. As a notified GS body, we provide proof of the examined type’s compliance with the requirements of the Product Safety Act (Produktsicherheitsgesetz) both with regard to health and safety and also other legal regulations and technical specifications.

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**EMC/RED**

Our European network of dedicated test facilities for electromagnetic compatibility (EMC) provides comprehensive and cost-effective assessments of electronically controlled appliances and other electronic devices that must comply with EMC regulations.

Our state-of-the-art facilities enable us to offer an efficient EMC testing service to meet your time-to-market requirements. We will customize the EMC testing process and documentation to your specific requirements by using automated software that improves efficiency, analyzes results and reduces test cycles and costs.

Our EMC laboratories are accredited or recognized by numerous regulatory agencies, including:

- Notified Body for EMC (2014/30/EU) and RED (2014/53/EU) Directives for Europe
- Telecommunication Certification Body (TCB) for the U.S. FCC
- Foreign Certification Body (FCB) for Canada
- Conformity Assessment Body (CAB) – Notified Body for the European Union

**Electrical safety**

As a leading expert in safety science, UL can provide end-to-end electrical safety solutions – from testing, certification and inspection to market entry advisory for almost every global market and appliance (including operational and protective controls). Businesses, consumers and regulatory authorities around the world know and trust UL’s safety certification. For North America, only UL can issue the UL Safety Mark, which is recognized and often required by many industry and retail markets. Services include:

- Testing and certification to all relevant IEC, EN, UL, CAN/ULC and some other national standards
- Global Market Access (GMA) solutions
- Advisory
- Analytics and intelligence
- Auditing
- Dental applications
- Inspections
- Learning and development
- Verification

For more information: Services.UL.com

**Gas safety (GAR)**

In 2018, the EU’s Gas Appliance Directive (GAD) became the Gas Appliance Regulation (GAR). As a manufacturer or importer, you must prove and declare conformity with the GAR requirements by means of an EC-type examination certificate and a valid product monitoring contract, for each case within the framework of the technical construction file.

Our offer for gas cooking includes:

- EN 30 series of standards for household gas cooking appliances
- EN 203 series of standards for gas heated catering equipment
- Foodservice equipment
- Automatic ice-making equipment
- Bulk milk dispensers
- Dishwashing equipment (dishwashers)
- Commercial food preparation equipment, such as ovens and griddles
- General foodservice equipment, such as tables, pans, hoods, and utensils

**Parking services for food equipment**

Commercial appliances, foodservice and catering equipment intended for the North American market must be evaluated for its sanitary design, construction and performance.

UL is an ANSI-accredited certification body for many NSF standards and can support you with laboratories in Europe and in the U.S. to evaluate products like:

- Cooking and heating appliances
- Commercial refrigerators and freezers
- Foodservice (preparation and plate machines)
- Food and beverage dispensers
- Automatic ice-making equipment
- Bulk milk dispensers
- Dishwashing equipment (dishwashers)
- Commercial food preparation equipment, such as ovens and griddles
- General foodservice equipment, such as tables, pans, hoods, and utensils
Known as the Internet of Things (IoT), a new generation of network-connected products has raised consumer expectations— in terms of both a product’s capability and functionality. To remain competitive, manufacturers may need to integrate complex new technologies into their appliance designs. At the same time, they must meet both performance expectations and compliance standards and minimize potential cybersecurity risks.

Through third-party testing for connectivity and cybersecurity, your customers and consumers can be confident that your product has undergone rigorous evaluation for security flaws and performs as advertised in today’s connected ecosystem. UL is an accredited test laboratory for many wireless and IoT standards organizations. We can conduct individual IoT certification testing or create a test plan for all use cases in real-world situations—helping you manage the risks and complex requirements of connected technologies.

Our facilities offer comprehensive testing and certification services for software performance; connectivity of wireless products; and interoperability and usability to help ensure products connect to other devices and function in the way consumers expect.

By using UL’s expertise in wireless technologies to identify problems early, you can reduce product returns, improve customer satisfaction, drive increased sales, build consumer confidence, and reinforce your brand’s trusted reputation.

Testing for both interoperability and compliance can save you significant time and costs.
myULTM is a secure source for UL project files, product information, documents and services needed to make informed, data-driven decisions. With myUL you can:

• Gain full visibility into quotes, orders and projects.
• See when UL received product samples and when they have been returned, picked up, destroyed or archived.
• View UL reports, procedures and global certifications.
• Identify the companies responsible for your products.
• View the date, factory representative, type of product inspected, type of business, inspection center and any variation notices linked to your reports.

UL Product iQ™ certifications platform (formerly the UL Online Certifications Directory) contains UL Listed, Classified or Recognized products and components. This state-of-the-art search engine creates premium value for users by helping them both to identify safer, more compliant products and to promote their UL certified products to potential buyers. Product iQ™ is considered an invaluable resource by thousands of regulatory authorities, building owners and insurance companies.

In today’s global economy, organizations can gain a true competitive advantage by accelerating product development; effectively managing safety, compliance and regulatory risks, and accessing new markets.

Our advisory services deliver end-to-end solutions that improve businesses to identify new opportunities, fully leverage their core competencies and achieve their business objectives.

Whether it’s technical assistance to troubleshoot product performance issues, or guidance on emerging industry standards, customers leverage UL’s expertise for the knowledge and resources in order to:

• Reduce development time and increase speed to market
• Mitigate compliance challenges
• Improve product safety and quality
• Deliver safer products to global markets with fewer resources
• Reduce costs and anticipate risk of rework
• Increase supply chain transparency and sustainability.

Add credibility to your claims with the UL Verified Mark.

In today’s highly connected, transparent marketplace, verification of marketing claims plays a crucial role in the decision-making process of buyers and consumers. UL’s rich history and advanced processes have shaped the connection by bringing credibility to sellers’ claims. Our science-based, customized process verifies the accuracy of marketing claims related to the performance, functionality or benefits of products, facilities, processes and systems.

VerifyUL.com

Meet industry and consumer expectations through performance testing

Our performance testing services offer a complete portfolio of functional and performance evaluations of materials, components and finished products. Our testing processes are designed to provide accurate performance data and a thorough understanding of product intelligence to the customer.

Our engineering teams ensure our experience is also shown to be faster and more focused. We test to your internal protocols, or develop individual test programs for verifying specific requirements.

At UL, performance and customer requirements move at the speed of change. New regulations and emerging technologies require a streamlined process for classification, testing and data management. Our processes are designed to address these needs. We regularly test our methodology against industry standards to ensure our customers have access to the most current and relevant data.

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VerifyUL.com

Energy efficiency and performance testing

Get ready for a more energy efficient market

Improving energy efficiency, developing clean and sustainable energy, and protecting the environment are important considerations that all manufacturers must take into account if they are to remain attractive to today’s socially and environmentally conscious consumers.

UL is a preferred energy efficiency testing and certification partner to government authorities, industry associations, and manufacturers. With 125 years of experience serving the appliance industry, our laboratory team understands the ever-changing regulations, manages the growing requirements for product testing, and meets the increased demand by proactively test to your internal protocols, or develop individual test programs for verifying specific requirements.

At UL, performance and customer requirements move at the speed of change. New regulations and emerging technologies require a streamlined process for classification, testing and data management. Our processes are designed to address these needs. We regularly test our methodology against industry standards to ensure our customers have access to the most current and relevant data.

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