



# Small Appliance Conformity Assessments

Your science-based trusted partner  
providing the highest level of technical  
expertise to bring your products to  
global markets.



*For more than 125 years, UL Solutions has been working with small appliance manufacturers and retailers around the world. We aim to simplify the conformity assessment processes while still providing the highest level of engineering and technical expertise that our customers have come to know and expect of us.*





## Uniquely positioned to accelerate speed to market

As retailers and consumers alike look forward to the next generation of products, the window of opportunity in this highly competitive market has become smaller.





Our Smart Solutions package of essential services — including cybersecurity, EMC, wireless functionality and interoperability testing — helps you deliver smart appliances and devices that connect to a network right out of the box and perform to specifications on promoted features.



### Safety

Meet regulatory requirements and consumer demand for safe, trustworthy products and services by working with us. We can help you engineer safety into your products throughout your development process, reducing costs and challenges associated with innovative offerings.

Our testing and certification services focus on helping our customers create a safer, more secure and sustainable world. Leverage our offerings and insights to build trust and confidence in your products and services.



### Global Market Access

Many factors should be considered when launching products internationally. Our Global Market Access experts can help with creating a streamlined plan to ease your launch process with a global road map, in-country support, and testing and certification expertise covering a multitude of services in order to help you access your target markets.



### UL GO

Our 'UL-Go' software application provides worldwide product compliance at your fingertips. From database access to rich compliance information to a full-service concierge, our UL-Go offerings can help you map out your compliance needs in advance. Enhance your planning process with an expert team behind you.



### Electro Magnetic Compatibility (EMC)

We will guide you through every step of the compliance process to help ensure your products meet EMC requirements in your target markets. Leverage our EMC expertise to help avoid costly errors and accelerate time to market. Our customized testing solutions can enhance process efficiency and reduce testing cycles to help you make the most of your time and budget.



### Wireless

Launching a wireless product to the global market can be a complicated, costly and time-consuming process. Our processes of testing and attaining global certifications take the complexity out of getting your product to the global market by giving you the knowledge you need to understand the regulatory process and giving your customers the confidence that your product will perform as expected.



## Cybersecurity

The Internet of Things (IoT) provides amazing possibilities for product development and is accelerating innovation at perhaps the fastest rate in history. Building cybersecurity into connected products is a critical component needed to unlock the vast potential of IoT innovation. It empowers companies to successfully implement their business strategy, mitigate risks, protect their brand reputation, create product differentiation, and establish market leadership. We can help you understand and manage your cybersecurity risks, so you can tackle an increasingly complex world of product and system interconnectivity with confidence while protecting your brand's integrity.



## Interoperability

Gain confidence in your connected product's ability to perform correctly and securely with a wide range of devices. Leverage our expertise to validate that your product not only works as expected but also conforms to all appropriate standards and technology platforms.



## Energy efficiency

Energy efficiency has become a serious consideration for consumers buying electronic devices and appliances. UL Solutions certification shows buyers that your claims have been Verified by a trusted source.

Our testing and certification services help you to incorporate energy efficiency into product design to meet consumer demands and regulatory requirements.

As a full-service Energy Star® partner, we can combine Energy Star evaluations with a range of other energy efficiency services to test and certify your products to a wide range of local, national and international standards. Once your product is certified, we add your product to our online, searchable database, and you can use the Energy Efficiency Certification Mark on your marketing materials, packaging and the product itself.



## Chemical advisory and testing: food contact and environmental

Regulatory compliance for chemicals and food contact materials is becoming increasingly challenging and complex. Our team of world-class regulatory experts can help you address global chemical regulatory compliance, e.g., Restriction of Hazardous Substances (RoHS), Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Proposition 65, in a streamlined manner, saving you time and money.



## Performance

Our testing, certification and verification services to showcase the performance of your products — and the UL Mark — provide regulators, purchasers and consumers with the information, trust and confidence they rely on to make the decisions that impact your business confidently.

Particularly for vacuum cleaners, we offer an array of performance testing such as acoustic, suction, durability/life cycle, dust removal and overall performance on carpet/hard floors.





## Retailer/brand acceptance:

Retailers and Brands have requirements for your appliances in addition to the regulatory requirements. Our retail offerings provide retailers with end-to-end, customized supply chain solutions. Our proactive approach to risk reduction aims to eliminate sourcing, safety and quality assurance issues before they can impact your business and brand.



## Claims verification

UL Marketing Claim Verification and the UL Verified Mark enable you to gain trust and a business advantage by communicating facts to your buyers and confirming your marketing claims through objective, third-party evaluations. This service helps you differentiate your products by independent confirmation of your marketing claims.



## Supplier audits

Our supplier quality audits help you build and monitor quality systems within your global consumer market supply chain, with an expert focus on appliances. Retailers, importers, buyers and suppliers use our independent, third-party audit and accredited systems to demonstrate compliance with due diligence, customer requirements, and international quality, safety and legal standards.



## CARB registration

The California Air Resource Board (CARB) requires registration for indoor air quality of ozone-producing air cleaners. The combination of service quality and reputation, plus state-of-the-art test facilities achieved through our test laboratories and partnership with CARB, will enable indoor air product manufacturers to comply with these regulations.



## EU Pressure Directive

In addition to safety certification, pressure cookers (mechanical and electric) sold in the European Union require compliance with Pressure Equipment Directive 2014/68/ EU. We provide testing and Notified Body approval services for this directive and will help you navigate emerging importer regulations.



## Reliability and life cycle

These testing services provide an accurate assessment of how your appliances perform under expected and unusual use. We can help you meet regulatory requirements, gain actionable knowledge about the anticipated life cycle of your appliance, and identify design flaws that adversely affect your product's reliability and durability.



## Sustainability and environment

We help businesses align sustainability with their strategies and make it easier to track, measure and share the results of sustainable performance and initiatives with stakeholders. Our varied digital applications (Turbo Carbon software for simplified CO2 Reporting, 360 Sustainability management software, green solutions, etc.) and sustainability solutions can help monitor and drive compliance to regulatory, industry and social demands across your markets.



## Human factors engineering

In times of emergency, training and detailed instructions may be overlooked. So, having an intuitive product with clear, easy-to-read buttons and labeling following industry standards becomes even more essential.

UL Solutions has deep expertise in applying Human Factor Engineering (HFE) to combination products. Our experts help customers recognize potential interaction problems between products and their users.



## Why UL Solutions?

**As the global safety science leader, we help companies demonstrate safety, enhance sustainability, strengthen security, deliver quality, manage risk and achieve regulatory compliance.**

The UL Solutions certification Mark is one of the most widely recognized and trusted symbols of safety for consumers globally, giving UL Certified products a clear path to market acceptance.

Leverage our expertise and gain measurable cost- and time-saving benefits associated with working with a single, experienced resource. With a full understanding of market drivers, pain points and business necessities, we help navigate the complex challenges of today's global marketplace by assisting manufacturers and brands in accelerating time to market and meeting rigorous regulatory demands across the globe.

### Manufacturers served

- Electric fans and ceiling fans
- Heated pads/heated bedding
- Household food preparation and cooking appliances
- Personal grooming appliances
- Animal care appliances
- Massage and exercise equipment
- Portable heaters
- Vacuums and blower cleaners
- Electrostatic air cleaners and air purifiers
- Air fresheners and deodorizers
- Insect and rodent control appliances
- Electric household food service appliances
- Hospitality use appliances
- Sewing and cutting machines
- Commercial floor care
- Electric fence controllers
- Electric toothbrushes/oral hygiene

**To partner with UL Solutions and harness the power of our service offerings, contact us today at [UL.com/contact-us](https://www.ul.com/contact-us).**



**[UL.com/Solutions](https://www.ul.com/solutions)**

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