

UL Solutions provides comprehensive safety, performance, quality, reliability and certification testing services.

UL Solutions

Safety. Science. Transformation.™



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Vietnam's burgeoning manufacturing sector has emerged as a global provider of electronics, computing equipment, electronic integrated circuits, appliances, lighting, wire and cabling, and a host of other products. With exports in Vietnam climbing to \$336.31 billion (USD) in 2021, Vietnam's manufacturing industry will likely continue growing over the next decade. Building reliable supply chains and safe products plays a critical role in earning trust in global markets. A trusted name in testing and certification, UL Solutions has expanded its global resources and capabilities, opening a new, state-of-the-art laboratory in Hai Duong, that will support manufacturers with comprehensive testing, certification and advisory services to position them for market acceptability worldwide.

## The expertise of a global provider, available locally

With laboratory facilities available in northern Vietnam just outside of Hanoi, manufacturers of electronic, mechanical and other products can readily access the necessary testing and certification services and expertise, shortening lead times and expediting testing timelines. With experts available locally, manufacturers can collaborate and communicate with ease and convenience. Our Vietnam laboratory will serve as a single resource to provide testing services for reliability, safety and performance to support the growth of the manufacturing sector of Vietnam.



### Keeping pace with innovation in consumer technologies

The rapid pace of innovation in consumer technologies requires the advancement of safety and compliance testing. UL Solutions stands at the forefront of developing and testing to an array of international compliance standards and regulatory requirements to help manufacturers streamline market accessibility. The Hai Duong laboratory offers testing and certification services to the following standards, to name a few:

- UL 1017, the Standard for Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
- UL 1026, the Standard for Electric Household Cooking and Food Serving Appliances
- UL 1082, the Standard for Household Electric Coffee Makers and Brewing-Type Appliances
- UL 1083, the Standard for Household Electric Skillets and Frying-Type Appliances
- UL 982, the Standard for Motor-Operated Household Food Preparing Machines
- UL 507, the Standard for Electric Fans
- UL 1594, the Standard for Sewing and Cutting Machines
- UL 60335-2-3, the Standard for Safety of Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons
- UL 60335-2-8, the Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances
- IEC/UL 62368-1, the SStandard for Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements
- IEC/EN/UL/CSA 60065, the Standard for Audio, Video and Similar Electronic Apparatus – Safety Requirements
- IEC/EN/UL/CSA 60950-1, the Standard for Information Technology Equipment – Safety – Part 1: General Requirements



#### Wire and Cable Testing and Certification Services

Wire and cabling play a critical role in infrastructure, delivering power and data to indoor and outdoor spaces alike. Surging demand has resulted in a growing number of wire and cable providers in Vietnam exporting products worldwide. UL Solutions tests various types of wire and cable to increase safety, performance and market acceptability.

 Testing to commonly accepted standards in the U.S. and EU, including UL 758, the Standard for Appliance Wiring Material; UL 62, the Standard for Flexible Cords and Cables; and UL 817, the Standard for Cord Sets and Power-Supply Cords

- Comprehensive factory and market surveillance programs to help ensure a more compliant supply chain and reduce the risk and costs associated with substandard and unsafe products
- Extensive safety testing including flame, physical properties, abrasion, sodium fusion
- Anti-counterfeiting verification and proprietary holographic labeling system to help ensure authenticity

**UL Solutions tests** various types of wire and cable

### Supporting safety and performance from start to finish

To increase safety, quality, and sustainability from start to finish, UL Solutions supports retail with solutions to optimize the supply chain. Our laboratory in Vietnam can provide a variety of testing and other services.

- Labeling and documentation verification –
  We assess whether your products comply with regulations and claims, preventing delays within the supply chain during your launch.
- Safety testing and construction evaluations From electrical safety to physical characteristic and construction checks, our reports prepare retailers and identify products that need retesting to comply with regulatory requirements.
- Reliability testing We can help you assess if your products meet requirements and gain actionable knowledge about your products' anticipated life cycle and identify design flaws that can have adverse effects on a product's reliability and durability.







#### Why UL Solutions?

Our long-standing history in certification and standards development makes UL Solutions a trusted thought leader in compliance. Our facilities and resources worldwide lend peerless expertise in regional and international regulations to support streamlined market access for manufacturers exporting to nations around the world.

UL Solutions stands at the forefront of promoting safety, performance and sustainability and takes an active role in standards development. We provide a single resource for comprehensive safety, performance, quality and reliability testing and services. Buyers worldwide trust the UL certification Mark, lending trust and confidence to your brand.

# Get started today

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To learn more about testing, certification and other services we provide for the manufacturing sector in Vietnam, visit <u>UL.com/Solutions</u>.



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