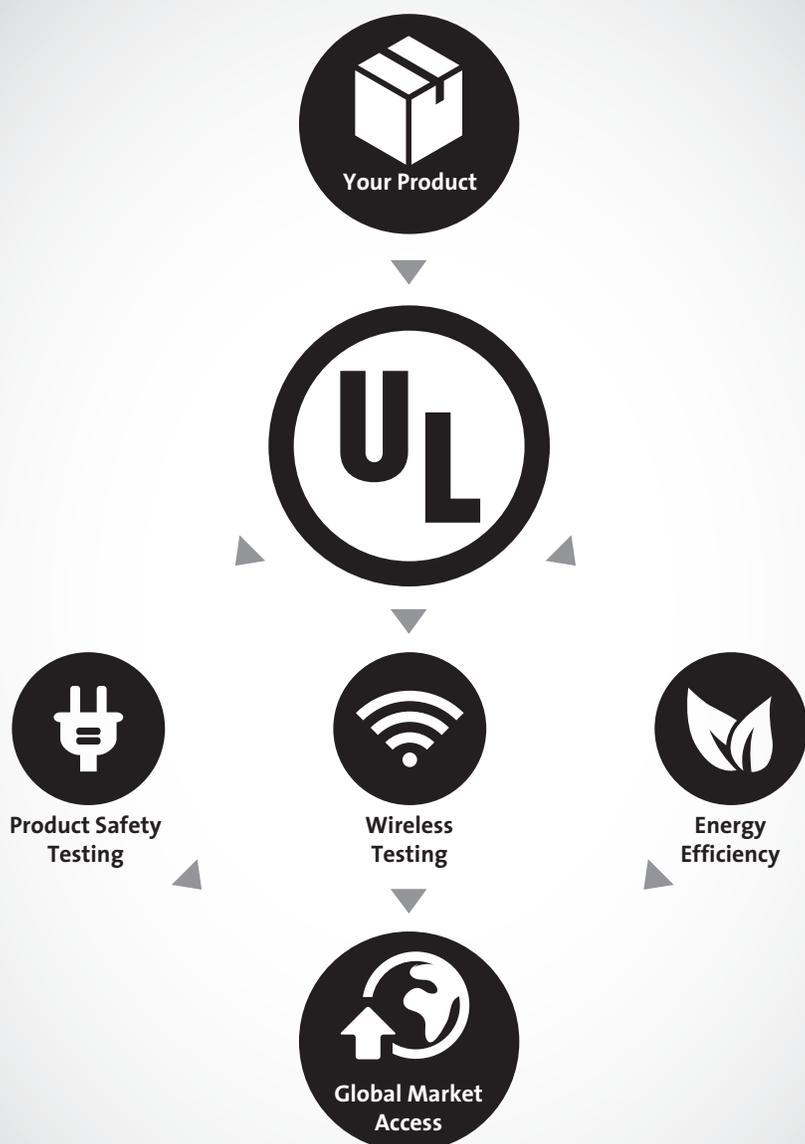# GLOBAL MARKET ACCESS

Integrated solutions for high-tech industry: safety, EMC, wireless and energy efficiency approvals

In the portable electronics space, technologies constantly change and converge. Competition is becoming fiercer than ever and market access regulations are on the rise. This means getting your products to market is more complicated and time consuming. From **product safety** to **electromagnetic compatibility (EMC)** testing, from **wireless approvals** to **energy efficiency,** UL has the vast knowledge and solutions you need to reach your destinations smoothly and quickly.

FACILITATING YOUR BUSINESS WORLDWIDE

UL

Your Product

UL

Product Safety Testing

Wireless Testing

Energy Efficiency

Global Market Access

Why UL?

Fast global market access

- UL's brand reputation enables you to gain worldwide acceptance and recognition for your products.

- Streamlined and accelerated certification processes through a consolidated global service.

Highest quality

- Powerful global network of technical experts and excellent local customer service.

- Leader in standards development and active driver in international committees of standards harmonization.

Customer friendliness

- Combined factory inspections to help save your resources.

- Contributor to initiatives, which protect consumers and support manufacturers against anti-counterfeiting practices.

Safety Testing – Global Access, Local Service

The definition of safety is constantly expanding. Complex issues of today have replaced concerns of the past. And the safety landscape of tomorrow has yet to be defined. With more than a century track record, UL has been redefining safety. Over the years, UL has developed more than 1,400 UL Standards for Safety covering tens of thousands of different types of products, materials, constructions and systems. Indeed, such is UL's reputation that we have been appointed by American National Standards Institute (ANSI) as an "Audited Designator" to self-designate UL Standards for Safety as American National Standards.

UL is constantly striving to help ease your entry to new markets in Europe, North and South Americas, Asia and the Middle East and Africa. Our product safety services include a full range of testing, certification and verification services that will help you meet both national and international statutory and market-driven requirements. With our global footprint of 255 offices worldwide, UL delivers global access through local service.

Some examples of UL certification marks:

Streamlined Solution for Global Radio/Wireless Approvals

The world of wireless approvals can be complicated, with specific country and industry regulations that must be met when including wireless technologies such as cellular (GSM, GPRS, LTE etc.), microwave, Bluetooth® and others. These regulations are designed to make sure that the product is both safe and does not disturb radio services or other devices.

With country knowledge built up over 20 years of wireless approvals, UL has the expertise to manage your complete project no matter where your target market. By understanding the market requirements, performing the appropriate testing and advising on the necessary documentation, UL has a streamlined service, which including pre-compliance testing, that will help get your product to market as efficiently as possible.

Through its accredited laboratories, UL can help you obtain FCC, IC, Japan MIC and CE certification in a short period of time and can assist you in gaining worldwide approval through an extensive partner network. With facilities and staff in over 100 countries UL is able to provide a global service with local expertise.

Trust in UL to help you gain your wireless approval wherever your chosen market.

Some examples of certification UL can assist with include:

![UL logo]

Verifying Energy Efficiency in Your Products

With the increasing importance on environmental protection, more countries are updating their energy efficiency regulations. Manufacturers are expected to verify the energy efficiency of their products and validate performance claims to prove compliance with requirements using an independent third party. Additionally, consumers are increasingly becoming sensitive on the impact their products have on the environment, including energy consumption. Through UL's Energy Efficiency Testing and Certification Programs, manufacturers can demonstrate that their products are helping to lower energy demand.

UL's Energy Efficiency Certification program provides testing and certification needs to verify compliance to a variety of energy efficiency requirements. UL has a comprehensive scope as a testing organization and certification body, which includes testing and qualifying products to ENERGY STAR®'s requirements. We have EPA-recognized Testing Laboratories around the world that can perform Qualification and Verification testing on 37 ENERGY STAR® product categories and we are an EPA-recognized Certification Body for 39 product categories.

UL performs testing and certification to satisfy requirements of regional energy efficiency programs, including:

North America:

• Natural Resources Canada (NRCan)
• California Energy Commission (CEC)
• ENERGY STAR®
• Department of Energy (DOE)

Central and Latin America:

• Mexican CONUEE
• Brazil (Inmetro)

UL Advantage Program
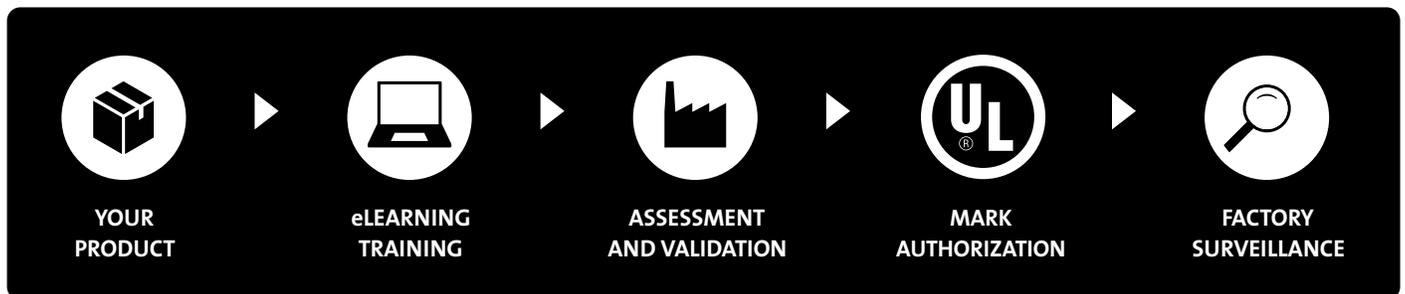## Smarter, easier and better way to get UL certification

With the innovative UL Advantage Program (see ul.com/advantage for details) manufacturers of high-tech products can achieve UL certification for their products with virtually no turnaround time, no waiting and no interruption to development cycles.

Benefits

- Straightforward - From initial qualification to factory follow-ups to continued use of the program.

- Online training - To enable reliable, high-quality safety certification.

- Virtually Zero Turnaround

Time - Once qualified, products are certified as they come off the production line.

- Valued UL relationship.

- The uncompromising quality that made UL a household name for over a century.

- Increase in consumer confidence.

YOUR PRODUCT ▸ **eLEARNING TRAINING** ▸ **ASSESSMENT AND VALIDATION** ▸ **MARK AUTHORIZATION** ▸ **FACTORY SURVEILLANCE**

Two-Inspection Follow-Up Service Program
Longer term view of safety while reducing the number of annual visits

Each year, during one audit visit UL will evaluate a manufacturer's products, production processes, and quality management systems, emphasizing the suitability and effectiveness of process controls. Where appropriate, UL will help to identify possible improvements. The second visit will primarily be a routine product audit, with some limited attention to quality management as noted during the full process audit.

Benefits

- Added value by evaluating a manufacturer's process controls and providing a mechanism to identify possible improvements.

- Manufacturers will benefit from fewer interruptions to production schedules.

- Alignment with globally recognized inspection programs such as CIG audits for CENELEC factories .

- Manage your entire supply chain by determining that all critical components are tested, recognized or certified, and subject to ongoing inspections.

ul.com

AMERICAS

Argentina
T:: +54.11.4316.8210
F:: +54.11.4316.8260
E:: info.ar@ul.com

Brazil
T:: +55.11.3049.8300
F:: +55.11.3049.8252
E:: info.br@ul.com

Canada
T:: +1.866.937.3852 (1.866.937.3ULC)
F:: +1.416.757.8727
E :: customerservice.ca@ul.com

Mexico
T:: +52.55.3000.5400
F:: +52.55.3000.5491
E:: info.mx@ul.com

United States
T:: +1.877.854.3577 (1.877.UL.HELPS) /
+1.510.771.1000*
F:: +1.360.817.6278
E :: cec@ul.com / usainfo@ccsemc.com*

ASIA PACIFIC

ASEAN

● **Malaysia**
T:: +603.5632.5922
F:: +603.5632.5923
E:: customerservice.my@ul.com

● **Singapore**
T:: +65.6274.0702
F:: +65.6271.3867
E:: customerservice.sg@ul.com/
sales.sg@sg.ul.com*

● **Thailand**
T:: +66.2.207.2407/8
F:: +66.2.264.5943
E:: customerservice.th@ul.com

Australia
T:: +61.2.8860.9560
F:: +61.2.8860.9595
E:: customerservice.au@ul.com

CHINA MAINLAND
E:: customerservice.cn@ul.com

● **Beijing**
T:: +86.10.5977.2390
F:: +86.10.5977.2005

● **Guangzhou**
(UL China Representative Office)
T:: +86.20.3213.1000
F:: +86.20.8348.6777

● **Nansha (UL Verification Services)**
T:: +86.20.2866.7188
F:: +86.20.8348.6605
E:: vs.support@ul.com

● **Shanghai**
T:: +86.21.6137.6300
F:: +86.21.5292.9886

● **Suzhou**
T:: +86.512.6808.6400
F:: +86.512.6808.4099

Hong Kong
T:: +852.2276.9898
F:: +852.2276.9876
E:: customerservice.hk@ul.com

India
T:: +91.80.4138.4500
F:: +91.80.2841.3759
E:: customerservice.in@ul.com

JAPAN
E:: customerservice.jp@ul.com
emc.jp@jp.ul.com*

● **Tokyo**
T:: +81.3.6212.4300
F:: +81.3.6212.4400

● **Ise**
T:: +81.596.24.6735 / +81.596.24.8116*
F:: +81.45.342.1601

● **Yokohama**
T:: +81.45.342.1200
F:: +81.45.342.1601

Korea
T:: +82.2.2009.9100
F:: +82.2.2009.9471
E:: customerservice.kr@ul.com

New Zealand
T:: +64.3.940.4300
F:: +64.3.940.4399
E:: customerservice.nz@ul.com

Taiwan
T:: +886.2.5559.8168
F:: +886.2.2890.7430/1
E:: customerservice.tw@ul.com

EUROPE

Denmark
T:: +45.44.85.65.65
F:: +45.44.85.65.40
E:: info.dk@ul.com

Finland
T:: +358.20.710.9980
F:: +358.20.710.9981
E:: info.fi@ul.com

France
T:: +33.1.60.19.88.00
F:: +33.1.60.19.88.80
E:: info.fr@ul.com

Germany
T:: +49.6102.369.0/
+49 .69.67733413*
F:: +49.6102.369.280
E:: info@ul.com /
WiSE.EU@ul.com*

Italy
T:: +39.039.6410.101
F:: +39.039.6410.600
E:: info.it@ul.com

Poland
T:: +48.22.336.33.39
F:: +48.22.336.33.01
E:: info.pl@ul.com

Spain
T:: +34.93.3681.300
F:: +34.93.3424.996
E:: info.es@ul.com

Sweden
T:: +46.8.795.4370
F:: +46.8.760.0317
E:: info.se@ul.com

Switzerland
T:: +41.43.355.402.0
F:: +41.43.355.403.9
E:: info.ch@ul.com

The Netherlands
T:: +31.26.376.4800
F:: +31.26.376.4840
E:: info.nl@ul.com

United Kingdom
T:: +44.1483.402.010/
+44.1256.312.000*
F:: +44.1483.302.230/
+44.1256.312.001*
E:: info.uk@ul.com /
WiSE.EU@ul.com *

* For EMC/ Wireless services related enquiries

APHT12 / GMA / 1M