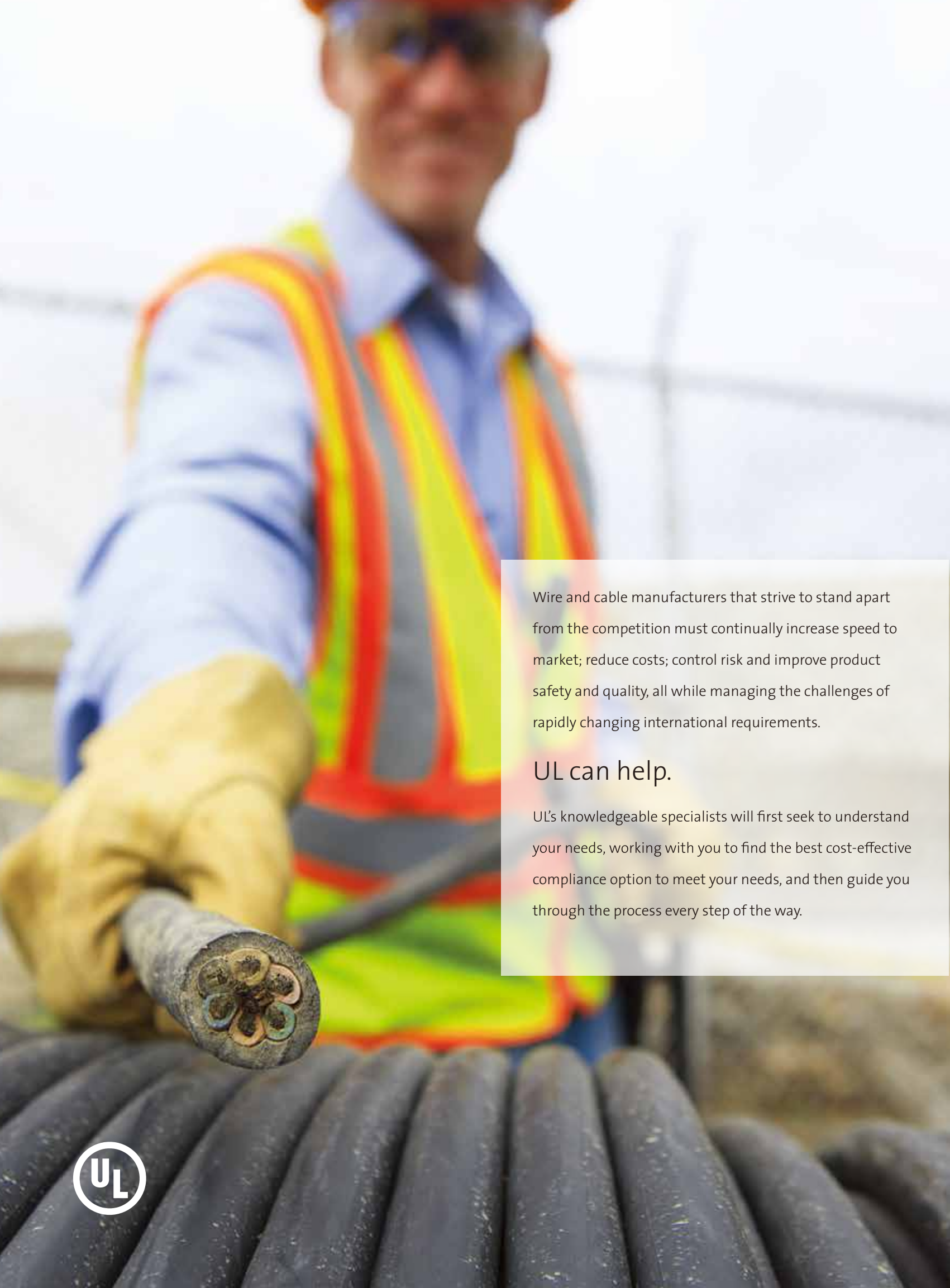




WIRE AND CABLE

**GLOBAL MARKET
ACCESS SERVICES**



Wire and cable manufacturers that strive to stand apart from the competition must continually increase speed to market; reduce costs; control risk and improve product safety and quality, all while managing the challenges of rapidly changing international requirements.

UL can help.

UL's knowledgeable specialists will first seek to understand your needs, working with you to find the best cost-effective compliance option to meet your needs, and then guide you through the process every step of the way.



UL: The First Choice in Global Expansion

What Sets Us Apart

UL has its own accredited laboratories and offices throughout the world. Together with the UL experts located in your destination market, our team provides seamless support to you across time zones.

History of Trust – UL's proud 120-year history motivates us each and every day.

Technical Knowledge and Integrity – Engineers and safety professionals at UL are unbiased third-party advisors who can effectively impart UL's technical knowledge to customers, helping them improve results and build a culture of safety.

Worldwide Recognition - From 2011 to 2013, the CB certificates issued by UL ranked no. 2 out of all certificates issued worldwide*.

International Affiliations – UL's connection with highly recognized regulatory authorities and certification bodies across the globe help us provide insightful knowledge and services to our customers.

Global Reach - Reaching beyond the widely recognized UL Mark for North America, UL offers testing and certification services for most Latin American, European and Asian countries.

* Based on Statistics Released by IECEE in 2013.



One Stop Service Provider For Global Certification

UL's full service platform integrates required testing and follow-up inspections and provides cost efficient solutions to lead time required to achieve safety certification for multiple countries.

Key Benefits

- Diverse knowledge of regional regulatory requirements
- Increase speed to market and reduce costs
- Experience fewer missteps and time lost due to rework
- Optimization of the process flow and procedures for follow-up factory inspection

Global Certification Services for Wire, Cable and Related Accessories

- CB Test Report & Certificate
- UL-EU Mark for EU
- UL DEMKO (D Mark) for Denmark
- UL Mark for United States
- C/UL Mark for United States & Canada
- UL-BR INMETRO for Brazil
- CNS Mark for Taiwan
- NOM for Mexico
- Mandatory CE Mark for EU
- ENEC Certification for EU
- NORDIC Certification
- CUL Mark for Canada
- UL-ARS Mark for Argentina
- ANATEL Mark for National Telecommunications Agency of Brazil



Regional Support

EUROPE

- AUSTRIA OVE
- BELGIUM CEBEC
- CZECH REPUBLIC ESC
- FINLAND FI
- FRANCE NF
- GERMANY VDE
- UK BSI
- ITALY IMQ
- HOLLAND KEMA
- NORWAY N
- RUSSIA EAC
- SWEDEN S
- SWITZERLAND S+

ASIA PACIFIC

- AUSTRALIA RCM
- AUSTRALIA Safety Number Approval
- KOREA KC
- P.R.C. CCC
- SINGAPORE SGP Safety Mark
- PSE Mark and S for Japan
- INDONESIA SNI
- PHILIPPINES PS
- VIETNAM CR
- CAMBODIA ISC
- INDIA ISI
- THAILAND TISI
- MALAYSIA SIRIM

Global Certification Marks Available for Wire, Cable and Related Accessories

Region/ Country	Mark	Certification Mark/Standard	Standard	Mandatory/ Voluntary	Local Representative	Factory Inspection	Annual Fee	Expiry
International		CB Scheme	IEC	Voluntary	Simon Chen			or
United States		UL Mark	UL	Voluntary	Keith Milau			or or
Canada		cUL Mark	CSA	Voluntary	Keith Milau			or or
US & Canada		c/UL Mark	UL & CSA Harmonization	Voluntary	Keith Milau			or or
European Union		ENEC Mark	EN & Special Standard for Individual Countries	Voluntary	Simon Chen			or
Denmark		D Mark	EN & Special Standard for Individual Countries	Voluntary	Simon Chen			Ten years or
Nordic		Nordic Certification	EN & Special Standard for Individual Countries	Voluntary	Simon Chen			
Argentina		UL-AR S Mark	IRAM	Mandatory	Joao Abel			or or
Brazil		UL-BR INMETRO Mark	NBR	Mandatory	Joao Abel			Two years
Brazil		ANATEL Mark	ANATEL	Mandatory	Joao Abel			One year
Mexico		NOM	NOM	Mandatory	Keith Milau			One year
China		CCC Mark	GB	Mandatory	Berg Liu			Five years
Taiwan		BSMI	CNS	Mandatory	Simon Chen			Three years
Russia/ Kazakh/ Belorussia		EAC Mark	OCT	Mandatory	Simon Chen			Five years
Japan		PSE Mark	DENAN Technical Requirements, Appendix	Mandatory	Hattori Shinya			Seven years
Japan		S Mark	Requirements Specified by SCEA	Voluntary	Hattori Shinya	Not Required for ISO 9000		None
Korea		KC Mark	KS	Mandatory	DaeSung Lim			or or
Indonesia		SNI Mark	SNI	Mandatory	Ashley Edward Sinew			Four years
Malaysia		SIRIM	MS	Mandatory	Ashley Edward Sinew			One year
Singapore		Safety Mark	SS	Mandatory	Ashley Edward Sinew			Three years
Thailand		TISI Mark	TIS	Mandatory	Ashley Edward Sinew			or or
Vietnam		CR Mark	TCVN	Mandatory	Ashley Edward Sinew			Three years if subjected to factory audit
Cambodia		ISC Mark	CS	Mandatory	Ashley Edward Sinew			Three years
India		ISI Mark	IS	Mandatory	Shilpa A			One year

Information is for reference and is subject to individual product and its associated compliance standard

- Subject to Country Requirement
- Industrial Standard of the Product
- Subject to Compliance Performance of factory
- Subject to Compliance Performance on Market Surveillance
- Subject to Annual Surveillance



UL-CB Certification Is the Most Efficient Approach for Achieving Certification for Multiple Countries

Accreditation of UL NCB and CBTL

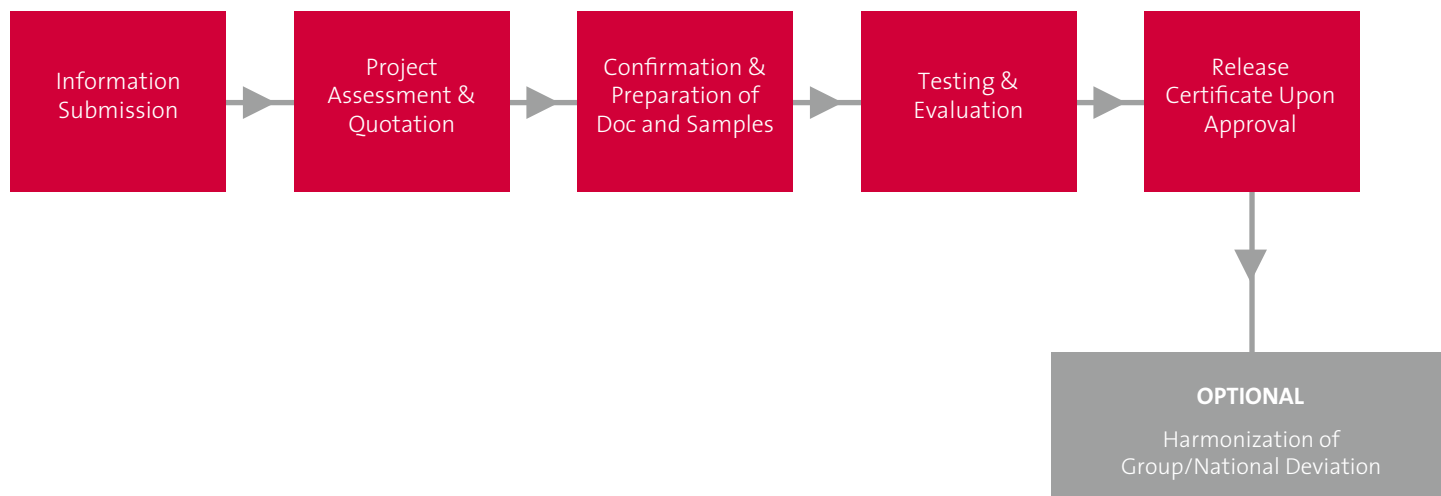
Recognized by 50 member countries, the CB Scheme issues CB Testing Certificates (CBTC) and CB Test Reports (CBTR). Holders of CB Test certificates and CB Test Reports released by UL are eligible for certification in multiple countries, saving time and money through one single solution. Many UL laboratories and UL's subcontracted laboratories are accredited as National Certification Bodies (NCB) and CB Testing Laboratories (CBTL).

Service Scope of UL CB Testing for Wire & Cable

In an effort to meet the increasing certification need in Greater China arising from global expansion, UL is actively broadening the services scope for cable and wire, and the related CB Testing in this region. The product categories that UL CBTL can now serve include:

- Insulated Cable and Wire made of Polyvinyl Chloride with voltage not exceed 450/750V (IEC 60227;EN 50525)
- Appliance Coupler [IEC/EN 60320]
- Plugs and Socket-Outlets for Household and Similar Purposes [IEC 60884]
- Cord Set [IEC/EN 60799]

UL-CB/ Work Flow for Application of Multiple Countries Certification



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