



## International Market Access

Anywhere you go,  
**our umbrella of marks**  
covers you well



# International Market Access

UL serves you on a broad umbrella of certification schemes to help you reach anywhere on earth

## The broadest portfolio of marks

UL offers the broadest portfolio of certification marks — from mandatory national schemes to voluntary programs; from safety to EMC to various performance certifications. Consolidating all certification with one provider, you maximize efficiencies and reduce time and costs.

## Saving time, no hassle

Many offices of UL are members of the CB Scheme, the NCS and the CCA<sup>1</sup> Scheme, which are international certification schemes allowing mutual recognition of safety test reports among the signatory countries. With one set of testing at UL, you can gain multiple certifications across all signatory countries — a time saving and hassle free solution.

## Global coverage, local fulfillment

UL's strong presence in most parts of the world is the envy of the industry. Our 60 laboratories, affiliates and representative offices in more than 20 countries allow us to achieve timely certification for your products.

## The strongest connection

UL has gained wide-ranging accreditations and close relationships with various national accreditation boards and certification bodies — ANSI in USA, ZLS in Germany, METI in Japan, CQC<sup>2</sup> in China, to name just a few. Our extensive network helps you work through the global market complexities and accelerate your compliance process.

## Your knowledge resource

Working with UL means you can tap into our rich resource of standards and certification knowledge. From safety design and production right through to distribution, we offer tailored solutions that meet your specific needs.

<sup>1</sup> NCS — Nordic Certification Service, the reciprocal agreement among Denmark, Finland, Norway and Sweden  
CCA — The CENELEC Certification Agreement in Europe

<sup>2</sup> ANSI — American National Standards Institute  
ZLS — Zentralstelle der Länder für Sicherheitstechnik, the central body of the German regions for safety  
METI — Ministry of Economy, Trade and Industry  
CQC — China Quality Certification Center

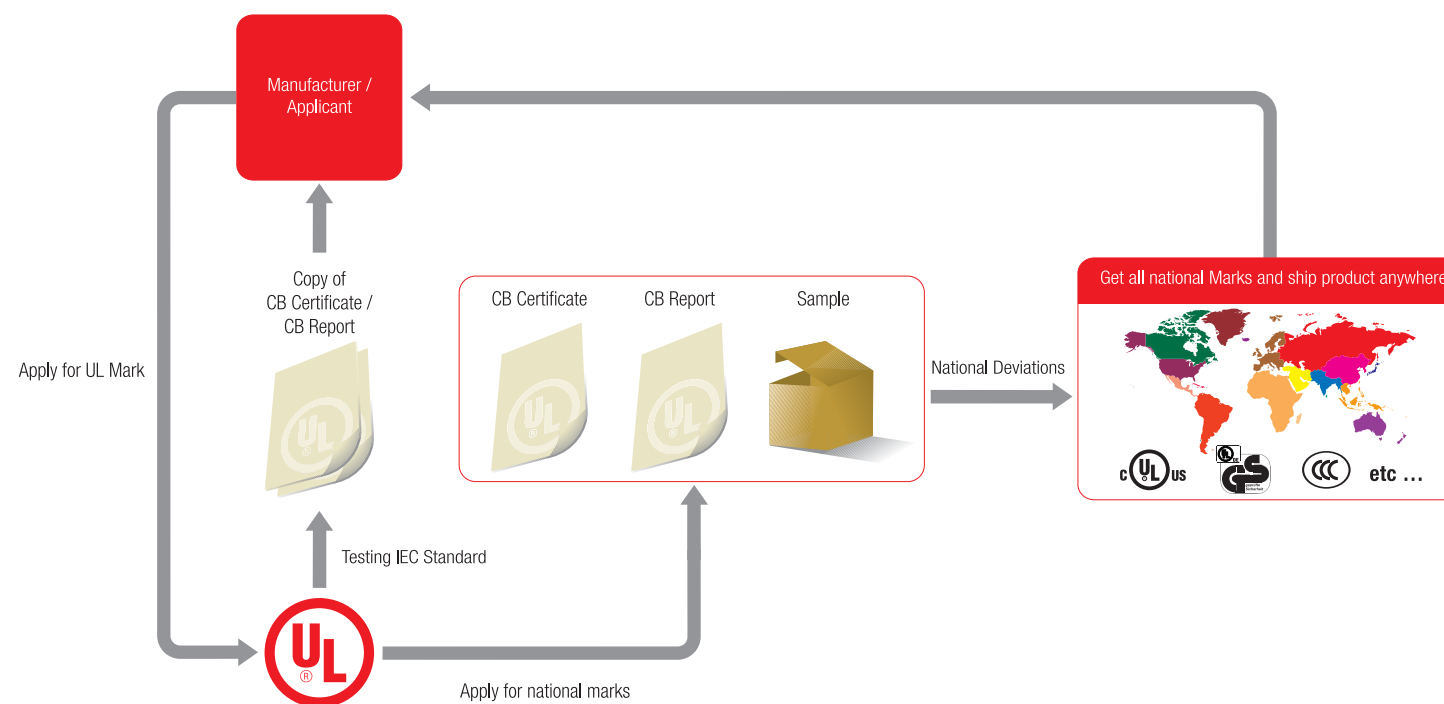
## Obtaining multiple certifications through one channel — the UL-CB Scheme

Established by the International Electrotechnical Committee for Conformity Testing to Standards for Electrical Equipment (IECEE), the CB Scheme is an international system for mutual acceptance of test reports among certification organizations of 43 participating countries. Under the Scheme, the products are tested to IEC Standards and to the declared national differences<sup>3</sup> of the destination member countries.

Throughout the world, UL has many offices that are Certified Body Testing Laboratories (CBTLs) or National Certified Bodies (NCBs) of the CB Scheme. With one set of testing, UL can obtain the CB Certificate and CB Report that you can use to get national certifications in participating countries.

The CB Scheme allows you to work through only one NCB like UL to get compliance approval from as many countries as you want to target — a time saving and hassle free solution.

<sup>3</sup> National Differences are special requirements that the IECEE CB Scheme permits each country to adopt to address local safety concerns. Additional information can be found on the CB Scheme Web site at [www.cbscheme.org](http://www.cbscheme.org).





In North America, the UL Mark is the most trusted proof for safety compliance by consumers and distributors.

In South America, UL has acquired the widest scope of accreditations and agreements with national authorities to test for compliance with national standards and issue certification marks.

Country	Mark	Voluntary / Mandatory	Requirements (S - Safety / E - EMC)	Factory Inspection	CB Scheme Member Country	Voltage	Frequency
<b>North America</b>							
Canada	C-UL Listing Mark	V	S	✓	✓	120/240V (single phase) 208/240V (three phase)	60Hz
	Canadian Classification Mark	V	S	✓			
	Canadian Recognized Component Mark	V	S	✓			
	ULC Mark	V	S	✓			
Mexico	Normas Obligatorias Mexicanas	M	S	✓	✓*	127/220V (single phase) 220V (three phase)	60Hz
United States	UL Listing Mark	V	S	✓	✓	120/240V (single phase) 208/240V (three phase)	60Hz
	UL Classification Mark	V	S	✓			
	UL Recognized Component Mark	V	S	✓			
	Federal Communications Commission	M	E	×			
<b>South America</b>							
Argentina	S-UL-AR Mark	V / M	S	✓	✓	220V (single phase) 380V (three phase)	50Hz
Brazil	BR-UL Mark / INMETRO Certification	V / M	S	✓	✓	110/220V (single phase) 380/460V (three phase)	60Hz
	ANATEL (National Telecommunication Agency)	M	S E	✓			

\* Mexico is a CB Scheme member, but without participation as a NCB.

# Europe

UL offers certification service for all safety standards commonly accepted in the European markets.

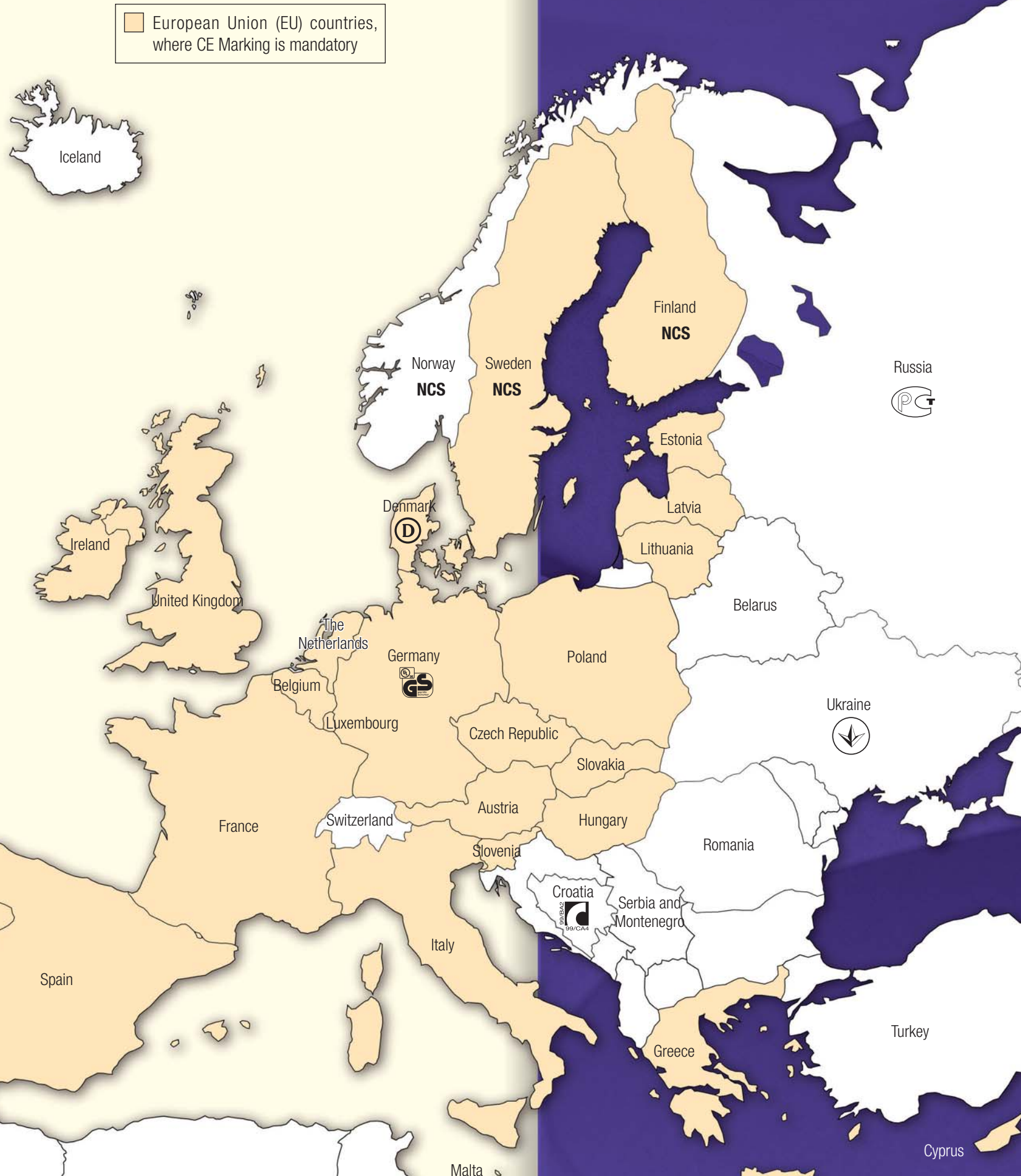
Country	Mark	Voluntary / Mandatory	Requirements (S - Safety / E - EMC)	Factory Inspection	CB Scheme Member Country	CCA Scheme Member Country	Voltage	Frequency
EU Countries (25 nations*)	CE Marking*	M	S	×	Refer to the table at the bottom		230V (single phase) 380V (three phase)	50Hz
	ENEC	V	S	×				
Denmark	UL Demko Mark (D Mark)	V	S	✓	✓	✓		
Finland	NCS Nordic Certification Service (NCS)	V	S	✓	✓	✓		
Germany	UL GS Mark	V	S E	✓	✓	✓		
Sweden	NCS Nordic Certification Service (NCS)	V	S	✓	✓	✓		
<b>Non EU Countries</b>								
Croatia	C Mark	M	S E	✓	×	×	230V (single phase) 380V (three phase)	50Hz
Norway	NCS Nordic Certification Service (NCS)	V	S E	✓	✓	✓		
Russia	Gost-R Mark	M	S E	✓	✓	×		
Ukraine	UkrTest	M	S E	✓	✓	×		

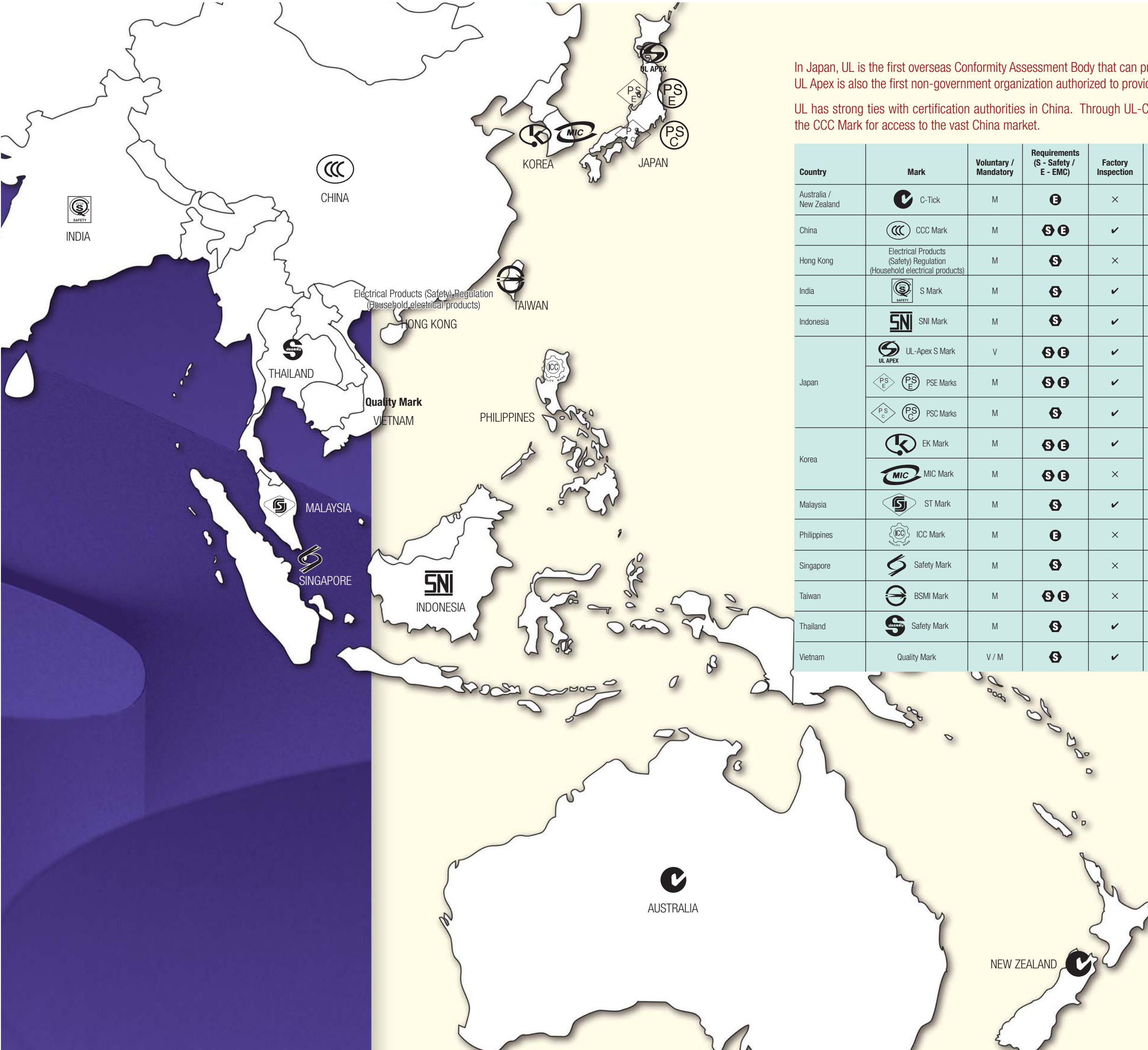
\* CE Marking is also required in Iceland, Liechtenstein and Norway.

EU Countries*	CB Scheme Members	CCA Scheme Members
Austria	✓	✓
Belgium	✓	✓
Cyprus	✓	✓
Czech Republic	✓	✓
Denmark	✓	✓
Estonia	✓	✓
Finland	✓	✓
France	✓	✓
Germany	✓	✓
Greece	✓	✓
Hungary	✓	✓
Ireland	✓	✓
Italy	✓	✓
Latvia	✓	✓
Lithuania	✓	✓
Luxembourg	✓	✓
Malta	✓	✓
Poland	✓	✓
Portugal	✓	✓
Slovakia	✓	✓
Slovenia	✓	✓
Spain	✓	✓
Sweden	✓	✓
The Netherlands	✓	✓
The United Kingdom	✓	✓

Non EU Countries	CB Scheme Members	CCA Scheme Members
Belarus	✓	
Croatia	✓	
Iceland	✓	✓
Norway	✓	✓
Romania	✓	
Russia	✓	
Serbia and Montenegro	✓	
Switzerland	✓	✓
Turkey	✓	
Ukraine	✓	

(Information as of November 2004)





In Japan, UL is the first overseas Conformity Assessment Body that can provide the PSE Mark for Japan access. UL Apex is also the first non-government organization authorized to provide the Japan S-Mark.

UL has strong ties with certification authorities in China. Through UL-CCIC in China, we can help you obtain the CCC Mark for access to the vast China market.

Country	Mark	Voluntary / Mandatory	Requirements (S - Safety / E - EMC)	Factory Inspection	CB Scheme Member Country	Voltage	Frequency
Australia / New Zealand	C-Tick	M	<b>E</b>	×	✓	230/400V (single phase) 400V (three phase)	50Hz
China	CCC Mark	M	<b>S E</b>	✓	✓	220V (single phase) 380V (three phase)	50Hz
Hong Kong	Electrical Products (Safety) Regulation (Household electrical products)	M	<b>S</b>	×	×	220/380V (single phase) 380V (three phase)	50Hz
India	S Mark	M	<b>S</b>	✓	✓	230V	50Hz
Indonesia	SNI Mark	M	<b>S</b>	✓	×	230V (single phase) 380V (three phase)	50Hz
Japan	UL-Apex S Mark	V	<b>S E</b>	✓	✓	100/200V (single phase) 200V (three phase)	50/60Hz
	PSE Marks	M	<b>S E</b>	✓			
	PSC Marks	M	<b>S</b>	✓			
Korea	EK Mark	M	<b>S E</b>	✓	✓	220V (single phase) 380V (three phase)	60Hz
	MIC Mark	M	<b>S E</b>	×			
Malaysia	ST Mark	M	<b>S</b>	✓	✓	220-240V	50Hz
Philippines	ICC Mark	M	<b>E</b>	×	×	220V	60Hz
Singapore	Safety Mark	M	<b>S</b>	×	✓	230V (single phase) 400V (three phase)	50Hz
Taiwan	BSMI Mark	M	<b>S E</b>	×	×	110/220V (single phase) 220V (three phase)	60Hz
Thailand	Safety Mark	M	<b>S</b>	✓	✓	220V (single phase) 380V (three phase)	50Hz
Vietnam	Quality Mark	V / M	<b>S</b>	✓	×	120/220V (single phase) 220V (three phase)	50Hz

# UL's total Solutions address every stage in your product lifecycle



<b>Pre-Design</b>	Conducted by UL's experienced engineers, <b>customized training and seminars</b> help your engineers fully understand the relevant testing requirements.
<b>Product Design</b>	<b>Safety Compliance Design Support (SCDS)</b> including technical evaluation and design review helps you incorporate safety compliance into your products.
<b>Prototype</b>	<b>UL University's</b> technical seminars & training equip you or your engineering staff with essential skills to work through regulatory systems.
<b>Pre-testing</b>	<b>Preliminary Investigation</b> , a part of the SCDS, helps identify and address potential problems of your product before undergoing the Full Investigation.
<b>Testing &amp; Certification</b>	<ul style="list-style-type: none"> <li>• <b>UL's Testing &amp; Certification Service</b>, a core service for you, can help you obtain the necessary certifications for your products for access to overseas markets.</li> <li>• <b>Client Lab Assessment Support</b> helps qualified manufacturers successfully participate in the Client Interactive Programs to conduct UL testing in their own facilities for safety certifications.</li> </ul>
<b>Initial Production</b>	<ul style="list-style-type: none"> <li>• <b>Commercial Inspection and Testing Services (CITS)</b>, worldwide supply chain services, provide you with commercial inspection, testing and auditing services on a wide range of products.</li> <li>• <b>FUSTART</b> gets you familiar with the fundamental elements of UL's Follow-up Services (FUS) Program by giving an informative pre-inspection at your production facilities. It will be arranged prior to the Initial Production Inspection (IPI).</li> </ul>
<b>Production</b>	<b>FUS Program</b> is designed to ensure that you continue to produce products in compliance with the requirements of UL.
<b>Shipping, Distribution, Installation / Use</b>	<b>Commercial Inspection and Testing Services (CITS)</b> , worldwide supply chain services, provide you with commercial inspection, testing and auditing services on a wide range of products.
<b>Post Installation / Disposal</b>	<b>Consulting Service</b> helps you identify the issues or problems and develop possible solutions.
<b>Business System</b>	Through the <b>Management System Registration Service</b> , UL audits your management system and certifies it is in compliance with the relevant quality requirements.

Note: 1. To safeguard the integrity of the UL certification, professionals involved in the delivery of consultation-related services that will serve as the basis for certification of a project shall not make the certification decision for the said project.  
2. The information in this brochure is updated as of November 2004.



If you want to know more about the UL International Market Access Services, please contact the following:

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