

Safety testing of electronic products





Your challenge

Element Materials Technology is a trusted advisor to manufacturers, distributors, importers and authorised representatives of electronic products needing to obtain safety testing and certification for Europe and international markets.

We understand the challenges of gaining compliance faced by medical, defence, household and industrial companies placing electronic products across multiple territories with differing testing requirements. Element is able to support your testing and compliance needs with a global platform of laboratories and over 60 years of experience. Our network of engaged experts, worldwide capacity and innovative services are designed to meet these challenges by increasing your speed to market, reducing the administrative burden and managing testing costs.

Our solution

Element is a great choice of testing partner for companies with electrical products wishing to gain access to markets around the globe who most commonly choose these compliance routes:

- CE Marking
- IECEE
- IECEX
- MET (US safety mark)

Our expertise in testing and certification helps the whole supply chain import and export products to 167 countries throughout the world. Often our clients look to qualify their products for CE Marking within Europe and the IECEE CB Scheme for the most popular developed countries to export their products too.

Safety testing services and certification within Europe

CE Marking

Element is a leading provider of CE Marking for electrical equipment with a global capacity of safety, radio, EMC and explosive atmosphere testing laboratories. These facilities allow us to test thousands of products every year and give manufacturers confidence in drawing up their Declaration of Conformity to support their CE Marking.

Our engaged experts provide pre-compliance testing as well as formal safety testing for thousands of products every year. This covers a range of different directives that allow companies to take their products to all the EU member States and EFTA countries.

Most commonly we test products against the following European standards:

- EN60950-1 (IT, office and business equipment)
- EN60950-22 (Outdoor equipment)
- EN60065 (Audio, video and similar equipment)
- EN61010-1 and EN61010-2 (Equipment for measurement control and laboratory use)
- EN60335-1 and EN60335-2 (Domestic equipment)
- EN 60601-1 (Medical devices)
- EN 60204 (Machinery equipment)

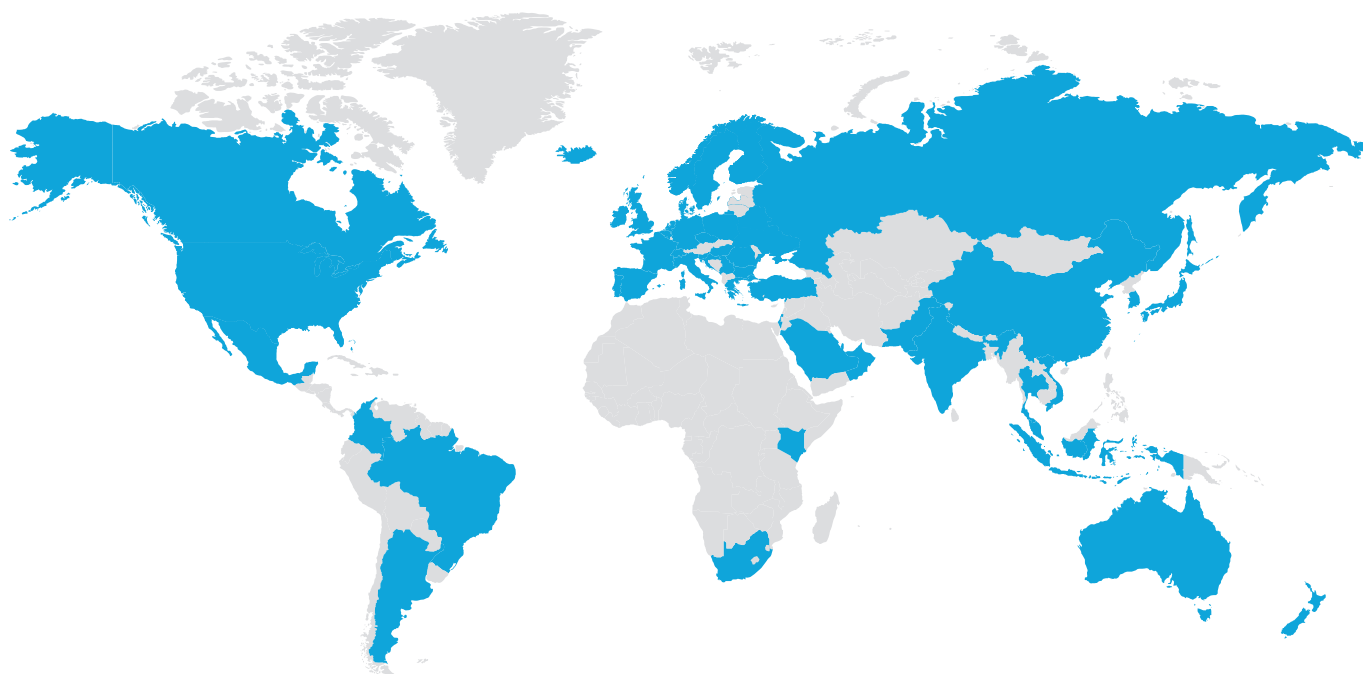
International safety testing services and certifications

IECEE CB Scheme

As a Certified Body Testing Laboratory (CBTL) and through the CB Scheme, Element provides manufacturers of electrical and electronic products with a single safety testing and certification process, which is the quickest and most cost-effective way to access 51 of the most popular export destinations.

Europe

- United Kingdom
- Germany
- Russian Federation
- France
- Spain
- Italy
- Belgium
- Switzerland
- Netherlands
- Denmark
- Sweden
- Finland
- Norway
- Greece
- Portugal
- Ireland
- Poland
- Czech Republic
- Serbia
- Hungary
- Slovenia
- Belarus
- Bulgaria
- Ukraine
- Croatia
- Romania



The Americas

- USA
- Canada
- Mexico
- Brazil
- Argentina
- Columbia

Middle East & Africa

- Bahrain
- UAE
- South Africa
- Saudi Arabia
- Israel

Asia & Oceania

- Japan
- China
- India
- Australia
- Republic of Korea
- Indonesia
- Singapore
- Malaysia
- New Zealand
- Turkey
- Pakistan
- Thailand
- Vietnam
- Kenya

Rest of the world

We help our clients with global safety product testing and certification, enabling them to access 167 different countries. Our expertise means we can support clients wishing to achieve compliance across a wide range of standards in multiple territories. We understand the extra demands this places on the design process, the complexity of supporting documentation and the challenges of securing in-country testing and support.

Why Element?

Element Materials Technology is UKAS accredited to BS EN ISO/IEC 17025:2005, a Notified Body for key European Directives (Low Voltage, Machinery, EMC, R&TTE/RED and ATEX) as well as a National Certification Body (NCB) and Certification Body Test Laboratory (CBTL) under the IECEE CB Scheme.

We are also able to offer a huge range of testing and certification services that help our clients gain easy access to international markets.



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