



CB SCHEME

FASTER ACCESS TO GLOBAL MARKETS

The CB Scheme is a standardised system of the International Electrotechnical Commission (IEC) for the testing and certification of electrical equipment (IECEE). IECEE is based on the principle of mutual recognition by its global members and promotes the harmonisation of national standards with the international standards developed by IEC. It decreases the need for multiple testing and reduces the obstacles to international trade, because you will not need to meet different regulations, national certifications or approval criteria.

Recognised in more than 50 countries, the CB scheme has been established for more than 30 years. It is the world's first truly international system for the acceptance of test reports relating to the safety and electromagnetic compatibility (EMC) of electrical and electronic equipment, hazardous substances, energy efficiency and much more.

Covering all IECEE product categories and equipped with a global network of testing laboratories qualified to test electrical and electronic products to a range of CB Scheme standards, makes us the ideal partner to support you comply with the IEC standards list and facilitate access to markets around the world.



HOW DOES THE CB SCHEME WORK?

Countries which participate in the IECEE designate one, or more, appropriately qualified National Certification Body (NCB), which is responsible for recognising and issuing CB Test Certificates. With our network of CB testing laboratories (CBTL) around the globe we support you to prepare CB Test Reports and Certification, enabling your products to demonstrate compliance with all necessary IEC standards across the IEC Scheme countries.

TESTED PRODUCTS

Products successfully tested against the IEC specification are awarded a CB Test Certificate.

This certificate means you will benefit from faster and more efficient access to new markets, due to its acceptance in all participating countries. It will also reduce your labour time and costs by avoiding duplicate testing.

Products covered by the CB Scheme include:

- Batteries
- Cables and cords
- Capacitors, as components
- Switches for appliances and automatic controls for electrical household appliances
- Electric vehicles
- Household appliances and similar equipment
- Installation accessories and connection devices
- Lighting
- Measuring instruments
- Electrical equipment for medical use
- IT and office equipment
- Low voltage, high power switching equipment
- Installation protective equipment
- Photovoltaics
- Safety transformers and similar equipment
- Portable tools
- Electric toys
- Electronics, entertainment
- Etc.



A "ONE-STOP" PROCEDURE

The CB scheme is just one route to global markets. Our International Type Approval (ITA) service also supports you to enter new markets. If you have special requirements, or want to enter countries which are not included in the CB scheme, ITA is the answer.

We understand the requirements for different countries, and provide a great number of international product accreditation services in and for many countries and regions. This includes conducting all relevant tests, including tests against the national differences, specific national conditions and regulatory requirements of your destination markets.

Our ITA team will coordinate our technical services, testing capacities and document service to ensure compliance.

WHY CHOOSE SGS?

SGS is the world's leading inspection, verification, testing and certification company. We are recognized as the global benchmark for quality and integrity. With more than 90,000 employees, we operate a network of more than 2,000 offices and laboratories around the world.

Independent and innovative, our Electrical & Electronics experts use state-of-the-art facilities and technology to deliver tailor made added value services that support improve your business.

We strive to deliver outstanding value at every step in your project by providing:

- Rapid turnaround
- Value-based pricing
- Technical assistance
- Key account management

Our expertise in compliance management will support you make the right choices for different national markets, while carrying out the necessary testing and certification quickly and professionally.

GLOBAL REACH WITH A LOCAL TOUCH

With a presence in nearly every single region around the globe, our experts speak the local language, understand the culture of the local market and operate globally in a consistent, reliable and cost effective manner.

CONTACT US

To learn more about SGS's certification services contact your local SGS representative, or contact our global team at ee.global@sgs.com.

SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.