



Product Service

**Choose certainty.
Add value.**

The CB Scheme

The primary goal of the IECEE CB Scheme is to eliminate multiple testing; i.e. one test for the world market! You can think of it like an international “passport” for electrical equipment. It is the world’s first truly international system for the mutual acceptance of test reports for electrical product testing and is based on the use of International (IEC – International Electrotechnical Commission) Standards.

The scheme is formally operational in 45 countries, with 58 National Certification Bodies (NCB’s) and 200 Testing Laboratories (CBTL’s). The scheme is currently used by more than 5000 manufacturers around the world with 40,000 CB Certificates issued in 2005 and over 170,000 valid CB Certificates currently in circulation. CB Certificates and Test Reports are also widely accepted beyond the 45 countries formally participating in the scheme and are readily used and recognised by importers, distributors, and retailers world-wide.

There are 19 product categories within the scheme including IT & Office Equipment, Electronics / Entertainment, Household & Similar Equipment, Electric Toys, Measuring Instruments, Portable Tools, and Electrical Equipment for Medical Use. However the most popular product categories, accounting for 60% of all CB Certificates issued, are IT & Office Equipment, Electronics / Entertainment and Household & Similar Equipment.

Traditionally the CB scheme has only covered electrical safety, however a new product category EMC (Electromagnetic Compatibility) has been introduced which means the concept of one test programme for the world market really is possible!

The scheme is also very flexible and allows for testing to be carried out at the client’s site or even by the manufacturer themselves, using schemes such as Supervised Manufacturers Testing (SMT); if traditional laboratory testing doesn’t suit or is impractical.

TÜV SÜD Product Service Ltd
TÜV SÜD Group

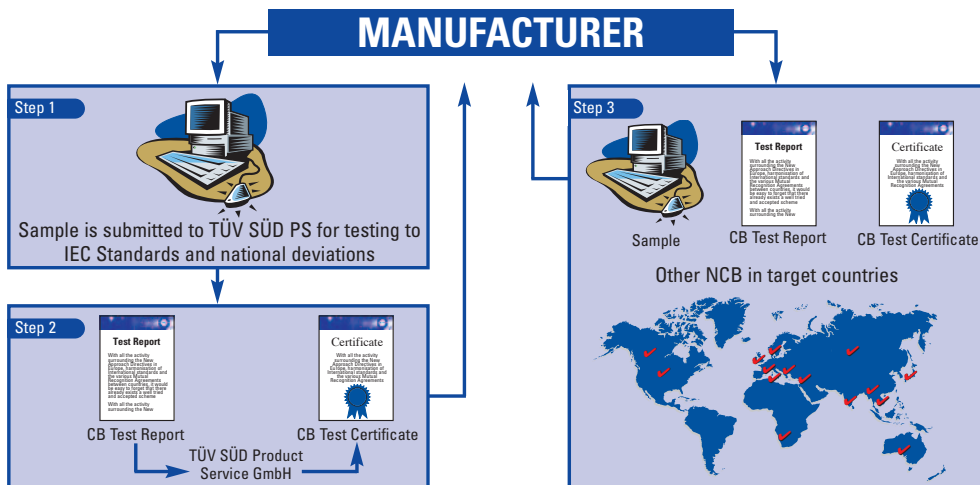
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The CB Scheme involves three key steps (see diagram):



Step 1 – Product submitted to CBTL for testing in accordance with IEC Standards and the National Deviations of target countries.

Step 2 – Product assessed and CB Test Report and Certificate issued to client.

Step 3 – Client (or their representative) submits product, CB Test Report and CB Test Certificate to NCB's in target countries to obtain national certification; this confirms that the product conforms to local standards.

Clients using the CB Scheme benefit from the advantages of dealing with a single NCB / CBTL of their choice and the fact that applications for certification to other member countries are given priority, since no additional testing is involved.

TÜV SÜD Product Service actively participates in the CB Scheme in most of the 19 product categories. Contact us for information or to request a quotation or visit www.tuvps.co.uk for further details.

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