



# The CB Scheme

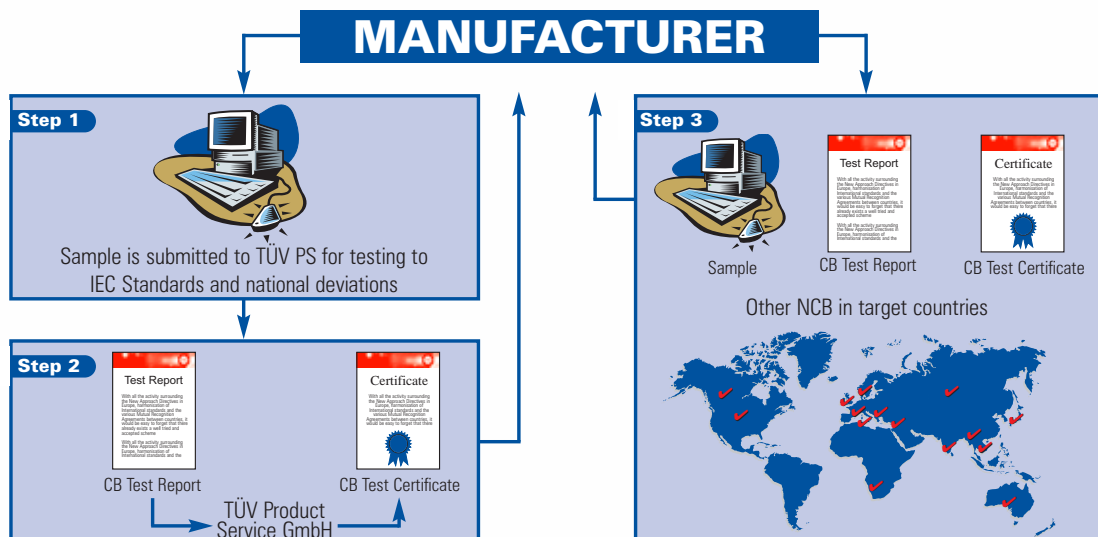
**With all the activity surrounding the New Approach Directives in Europe, harmonisation of international standards and the various Mutual Recognition Agreements between countries, it would be easy to forget that there already exists a well tried and accepted scheme involving the international recognition of safety standards - The CB Scheme.**

The International Electrotechnical Commission system for conformity testing and certification of Electrical Equipment (IECEE), Certification Body (CB) Scheme, is recognised in more than 30 countries and has been established for over 30 years.

The CB Scheme is designed to facilitate trade by promoting harmonisation of national standards with international standards. Open to all countries which have International Electrotechnical Commission (IEC) membership, it is the world's first truly international system for acceptance of test reports dealing with the safety of electrical and electronic equipment, aiming to bring product manufacturers a step closer to the ideal of 'one product, one test, one mark'.

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

- Step 1** - The manufacturer submits a sample to TÜV Product Service for testing to IEC Standards and National Deviations of target countries.
- Step 2** - TÜV Product Service will then assess the product, conduct the required testing and produce a CB Test Report and Certificate. The report and certificate are then issued to the manufacturer.
- Step 3** - Manufacturer submits sample, CB Test Report and CB Test Certificate to a National Certification Body (NCB) in target countries who will issue a national certification that confirms that the manufacturer's product conforms to the country's local standards.





## Eliminating global trade barriers

In practice, a manufacturer can obtain a CB Test Certificate for a product by successfully submitting it for safety testing by a CB Testing Laboratory (CBTL) such as TÜV Product Service, that has been designated by an IEC National Committee and accepted for the relevant IEC standard. From this process comes a CB Test Report, and a CB Test Certificate through our National Certification Body (TÜV Product Service GmbH) confirming that the product samples comply with the requirements of the relevant IEC standard and with the declared national differences of member countries of the CB Scheme.

The manufacturer can then present the CB Test Report, which is valid only if accompanied by a Test Certificate, to a National Certification Body in any member country whose national product certification he wants for his products. The NCB will grant a licence for the use of its mark, subject to its normal rules and procedures. If a pre-licence and/or regular inspection of the manufacturer's factory is required as part of the procedure, this may be delegated to the NCB which issued the Test Certificate.

A National Certification Body participating in the scheme can qualify as a Recognising NCB or as an Issuing and Recognising NCB. Currently there are in excess of 50 participating NCBs worldwide, all listed in the CB Bulletin along with the relevant standards and declared national differences.

Supporting the UK's active involvement in the CB Scheme, TÜV Product Service is a CB Testing Laboratory (CBTL) working in partnership with our parent company, TÜV Product Service GmbH, an Issuing and Recognising NCB. TÜV Product Service produce a CB Test Report and submit a Certificate request to TÜV Product Service GmbH, who then issue the CB Test Certificate. Together we provide manufacturers with the two essential elements of their submission to target markets within the CB Scheme.

Manufacturers using the CB Scheme benefit from dealing with a single NCB of their choice. Their applications for certification to other member countries are given priority, since no testing is involved.

## Our Scope

The following standards fall within our scope under the CB Scheme:

- IEC 60950 - Information Technology Equipment
- IEC 60065 - Audio, Video and Similar Electronic Apparatus
- IEC 61010 - Electrical Equipment for Measurement, Control and Laboratory Use

## How to apply

In order to benefit from easier international trade under the CB Scheme with TÜV Product Service, you will need to provide us with five basic pieces of information:

- A description of the product
- A copy of the marking plate
- Any appropriate product information (e.g. parts listing, drawings, user manual)
- A list of the countries where you want to market your product
- A list of the sites which manufacture the product

Any manufacturer interested in taking advantage of the cost-and-time saving benefits of the CB Scheme may obtain a copy of the rules of procedure and the CB Bulletin from the IEC Central Office website, [www.iecee.com](http://www.iecee.com). Assistance and advice on using the CB Scheme can be obtained from TÜV Product Service.



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TÜV Product Service has offices in more than 50 locations Worldwide.



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