



**The Standards Institution of Israel is the sole Israeli representative in the CB SCHEME as a National Member Body as well as one of National Certification Bodies (NCB) and Certification Body Testing Laboratories (CBTL).**

**SII is regularly accredited by IECEE CB Scheme auditors as NCB and CBTL.**

The IECEE CB Scheme ([www.cbscheme.com](http://www.cbscheme.com)) is the world's first truly international system for mutual acceptance of test reports and certificates dealing with the safety of electrical and electronic components, equipment and products.

**The aim of the CB Scheme is to provide Manufacturers, seeking worldwide third party certification marks, the most economic and cost effective procedures within the best certification time frame.**

CB Scheme is a multilateral agreement among participating countries and certification organizations. A manufacturer utilizing a CB test certificate issued by one of the accepted National Certification Bodies (NCBs) can obtain certification marks of the latter, within their scope of adherence, in the countries where the accepted NCBs are located.

The Scheme is essentially based on the use of international (IEC) Standards. If some members' national standards are not yet completely harmonized with IEC Standards, national differences, Special National Conditions (SNC) and Regulatory Requirements are permitted.

The CB Scheme utilizes CB Test Certificates to attest that product samples have successfully passed the test conditions and are in compliance with the requirements of the relevant IEC Standard(s). When applicable, the CB Test Certificate and its associated Test Report can also include declared national differences, Special National Conditions (SNC) and Regulatory Requirements of various member countries.

**The main objective of the CB Scheme is to facilitate trade by promoting harmonization of the national standards with international Standards and cooperation among accepted NCBs worldwide in order to bring product manufacturers a step closer to the ideal concept of "one product, one test, one mark, where applicable".**

Presently the CB Scheme has more than 50 member countries, over 80 National Certification Bodies (NCB) and over 500 Certification Body Testing Laboratories (CBTL). Thousands of manufacturers all over the world already use CB Scheme services.



The Standards Institution of Israel is accredited to issue CB certificates under the following product categories:

<b><u>CATEGORY:</u></b>	<b><u>STANDARDS:</u></b>
OFF – Information Technology Equipment	IEC 62368-1 IEC 60950-1 IEC 60950-21/22/23
MEAS – Laboratory and Measuring Equipment	IEC 61010-1 IEC 61010-2-030 IEC 61010-2-040 IEC 61010-2-081 IEC 61010-2-101 IEC 61010-2-201
HOUS – Household Appliances	IEC 60335-1 IEC 60335-2-21 IEC 60335-2-23 IEC60335-2-24 IEC 60335-2-30 IEC 60335-2-35 IEC 60335-2-36 IEC 60335-2-40 IEC 60335-2-75
MED – Medical Electrical Equipment	IEC 60601-1 IEC 60601-1-1 IEC 60601-1-2 IEC 60601-1-3 IEC 60601-1-6 IEC 60601-1-8 IEC 60601-1-11 IEC 60601-2-2 IEC 60601-2-10 IEC 60601-2-12 IEC 60601-2-18 IEC 60601-2-22 IEC 60601-2-25 IEC 60601-2-27 IEC 60601-2-33 IEC 60601-2-37 IEC 60601-2-44 IEC 60601-2-49 IEC 60601-2-57 IEC 60601-2-62 ISO 80601-2-12 ISO 80601-2-55 ISO 80601-2-56
EMC – Electromagnetic Compatibility	CISPR 11 CISPR 13 CISPR 22 CISPR 24 IEC 61000-3-2 IEC 61000-3-3 IEC 61000-3-11 IEC 60601-1-2
MISC – Laser testing	IEC 60825-1 IEC 60825-2

## **ADVANTAGES OF CB SCHEME:**

- ❖ More rapid testing and certification
- ❖ More universal product recognition
- ❖ Acceleration of product acceptance
- ❖ Direct acceptance by the Regulatory Authorities in many countries
- ❖ Direct acceptance by the Retailers, Buyers, Vendors worldwide
- ❖ Increased access to market
- ❖ Reduced time to market, faster product movement from plants to markets
- ❖ Expanded markets
- ❖ Reduced testing and certification costs – increased trade
- ❖ Reduced testing and certification costs
- ❖ Capacity to eliminate multiple unnecessary national certifications
- ❖ CB Test Certificates and associated Test Reports issued by NCB in one country accepted by NCBs in other member countries for purposes of national certification

For further details:

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