

# IECEE CB Scheme



World most famous and successful

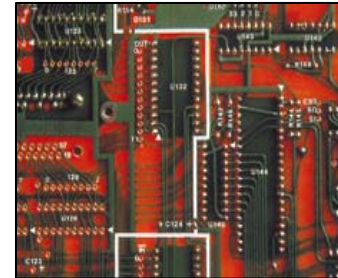
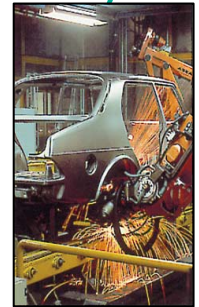
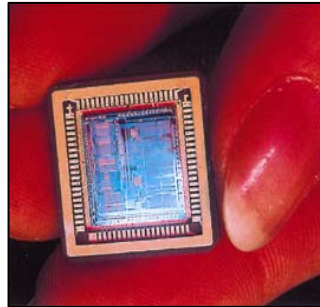


Conformity Assessment Scheme for mutual recognition of test certificates for electrical



# IECEE CB Scheme history

- The CB Scheme, originally operated by the CEE (International Commission for Conformity Certification of Electrical Equipment), was integrated into the IEC in 1985 as the CB Scheme of the IECEE. Today this Scheme is called “Scheme of the IECEE for Mutual Recognition of Test Certificates for Electrical Equipment (CB Scheme)”



**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 frames.**

**The CB Scheme is based on the principle of Mutual Recognition by its Members of Test Certificates for the purpose of issuing third-party certification Marks at National Level.**

**The Members of the Scheme commit themselves to Recognize the CB Test Certificate issued by any Certification Body accepted by the CMC to operate within the Scheme**

# IECEE members

AUSTRALIA	QAS	ISRAEL	SII	SINGAPORE	PSB
AUSTRIA	ÖVE	ITALY	IMO	SLOVAKIA	EVPU
BELGIUM	CEBEC	JAPAN	JET	SLOVENIA	SIQ
CANADA	CSA		JQA	SOUTH AFRICA	SABS
	ITSC		TUV Rh	SPAIN	AENOR
	ULC		JP	SWEDEN	SEMKO
CHINA	CCEE	KOREA,	KTL	SWITZERLAND	SEV
CZECH REP.	EZU	MALAYSIA	SIRIM	TURKEY	TSE
DENMARK	DEMKO	REP. OF		UKRAINE	DERJ-
FINLAND	FIMKO	MEXICO	ANCE		STANDART
FRANCE	LCIE	NETHER-	KEMA	UK	ASTA
GERMANY	VDE	LANDS			BEAB
	TUV Rh	NEW ZEALAND	QAS		BSI
	TUV PS	NORWAY	NEMKO	USA	UL
GREECE	ELOT	POLAND	PCBC		MET
HUNGARY	MEEI		BBJ-SEP		ITS
INDIA	BIS		PREDOM		FMRC
	STQC	PORTUGAL	IPO		TUV Rh NA
IRELAND	NSAI	ROMANIA	CER	YUGOSLAVIA	SZ
		RUSSIAN FED.	GOST		

**43 participating countries**

- **56 National Certification Bodies**
- **143 Testing Laboratories**
- **80 000 CB Test Certificates still valid**
- **3300 Manufacturers benefit from the CB Scheme**

# Benefits to governments

- **International standards are best source for governments for**
  - legislation/regulation
  - issuing tenders
- **Assurance of WTO compliance**
- **Agreement on Technical Barriers to Trades**
- **Standards provide detailed technical interpretation of the law**

- **Saves time and money for suppliers and users.**
- **Less re-testing opens new markets faster.**
- **Faster to market gives competitive edge.**
- **Increased confidence in suppliers and their products.**



- **Fundamental principle:**
  - **A manufacturer can obtain a CB Test Certificate for a defined product, from a National Certification Body (NCB) member of the IECEE.**
  - **The manufacturer can then present this certificate to the NCBs in other member countries whose certification marks he wants for his products.**

Acronym	Product Category	IEC Standards
CABL	Cables and Cords	60227-1 to 7; 60245-1 to 8; 60799
CAP	Capacitors as components	60252; 60384-1, -14; 60939-1, -2; 61048
CONT	Switches for appliances and automatic controls for electrical household appliances	60691; 60730-1, -2-1 to 19; 60934; 61058-1, -2-1, -2-4, -2-5; 61095; 61508-1, -3 to 5
HOUS	Household and similar equipment	60335-1; 60335-2-2 to 21, 23 to 45, 47 to 81, 84 to 88, 90, -91, -95, -97, -98; 60342-1, -3; 60967
INST	Installation accessories and connection devices	60309-1 to 3; 60320, 60320-1, -2-1, -2-2; 60423; 60439-1 to 5; 60614-1, -2-1 to 7; 60669-1, -2-1 to 3; 60670; 60884-1, -2-1 to 6; 60974-1, -11, -12; 60998-1, -2-1 to 5; 61011, -1, -2; 61210; 61242
LITE	Lighting	60155; 60238; 60400; 60570, -2-1; 60598-1, -2-1 to 10, 17 to 20, 22 to 25; 60838-1, -2-1; 60901; 60920; 60921; 60922; 60924; 60926; 60928; 60968; 61046; 61050; 61184; 61195; 61199

<b>MEAS</b>	<b>Measuring instruments</b>	<b>60414; 61010-1, 61010-2-010, -020, 031, -032, -041, -042, -043, -051, -061</b>
<b>MED</b>	<b>Electrical equipment for medical use</b>	<b>60601-1, -1-1, -1-3, -1-4, -2-1 to 36, 38 to 40, 44 to 46</b>
<b>OFF</b>	<b>IT and office equipment</b>	<b>60950</b>
<b>POW</b>	<b>Low voltage, high switching equipment</b>	<b>(60158-3); 60947-1 to 3, 60947-4-1, -4-2, 60947-5-1, -2, -3, 5, 60947-6-1, -2, 60947-7-1, -2; 61558-1, -2-1, -2-2, -2-4 to 8, -2-15, -2-17</b>
<b>PROT</b>	<b>Installation protective equipment</b>	<b>60127-1, -2, -3, -4, -6; (60257); 60269-1, -2, -2-1, -3, -3-1, -4; 60529; 60755; 60898; 61008-1, -2-1 and 2; 61009-1, -2-1 and 2</b>
<b>SAFE</b>	<b>Safety transformers and similar equipment</b>	<b>60742; 61558-1, -2-1, -2-2, -2-4 to 8, -2-15, -2-17</b>
<b>TOOL</b>	<b>Portable tools</b>	<b>60745-1; -2-1 to 9, 11 to 17; 61029-1, 61029-2-1 to 10</b>
<b>TRON</b>	<b>Electronics, entertainment</b>	<b>60065, 60491</b>

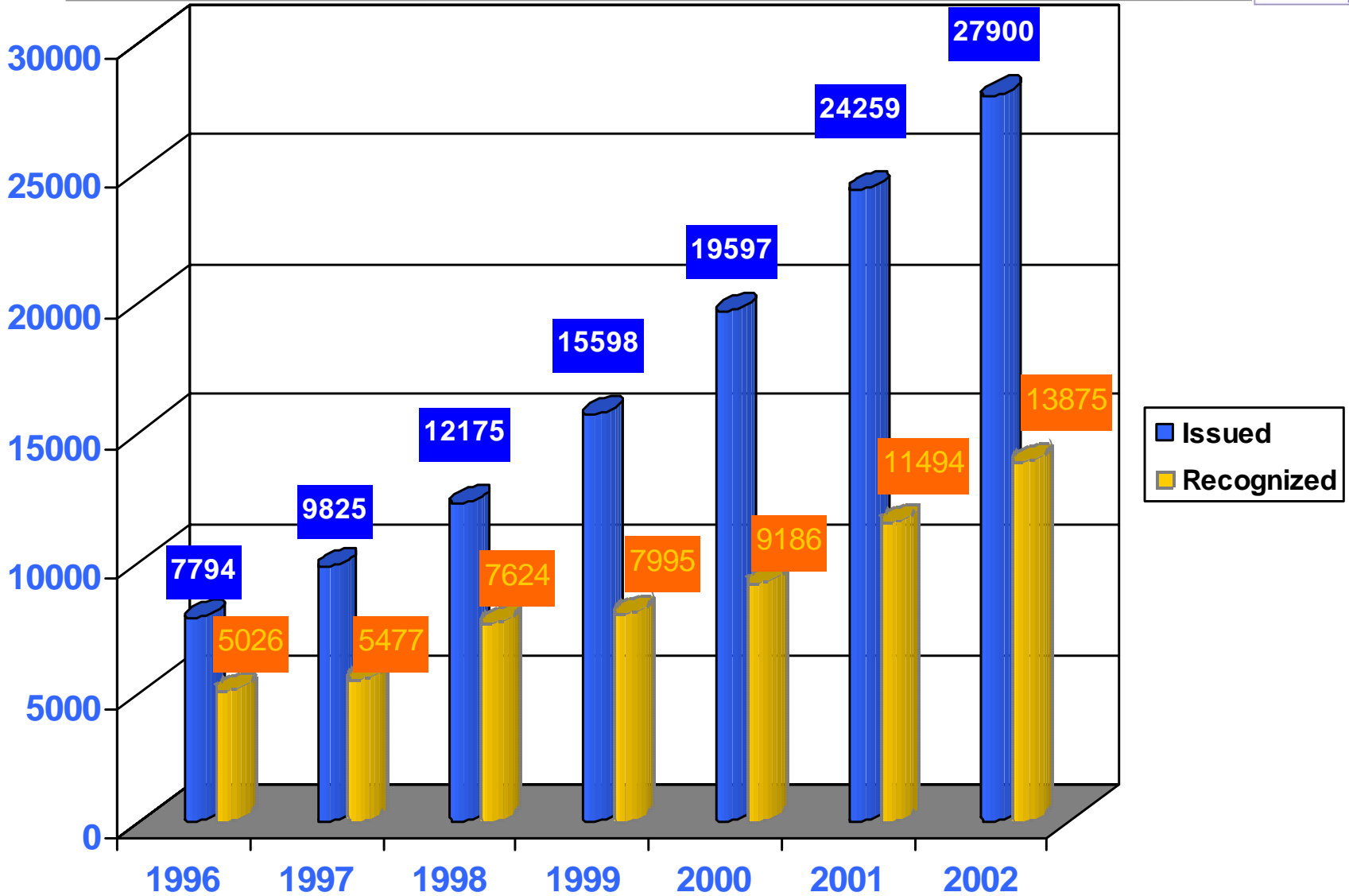


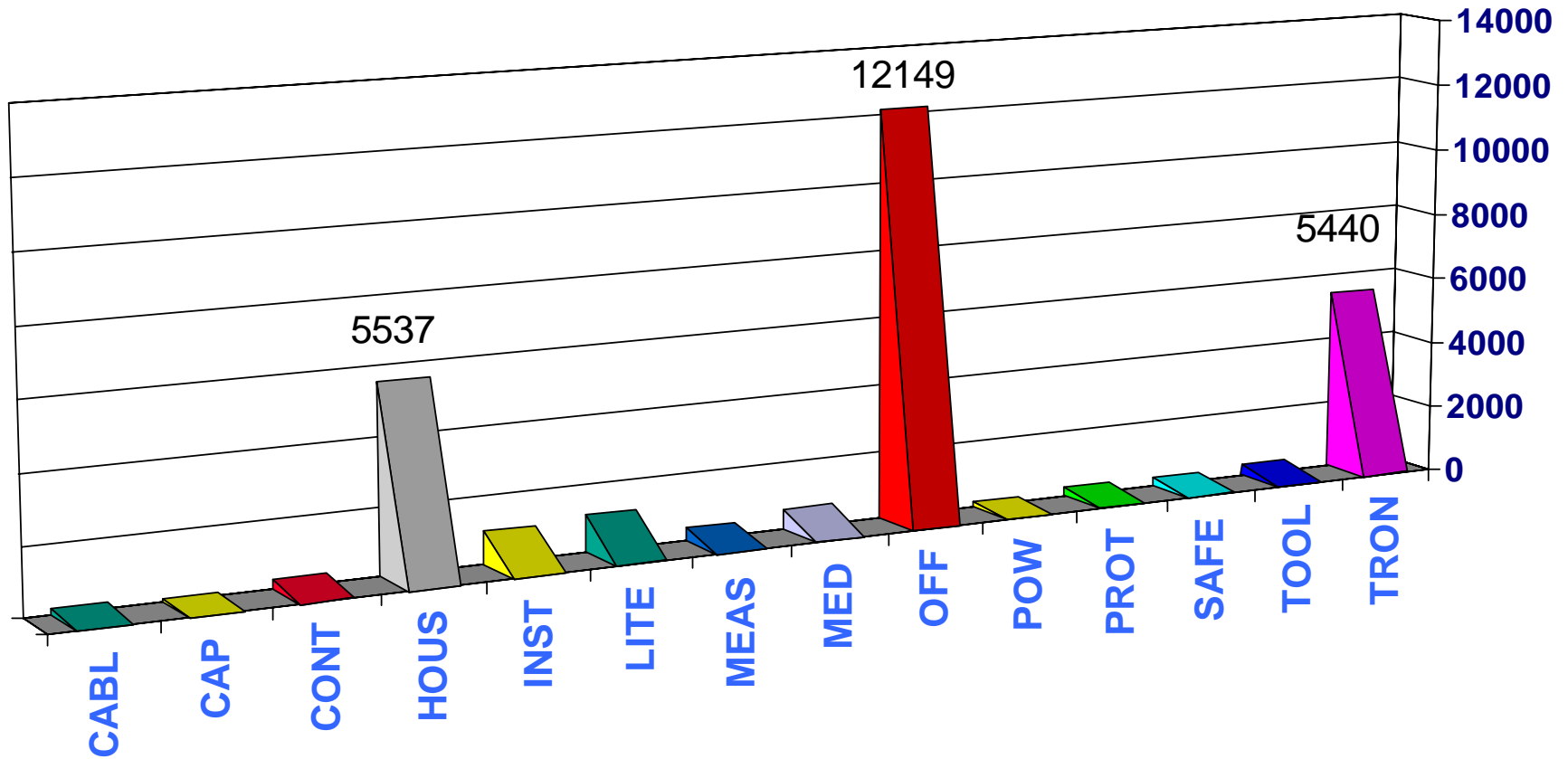
## *CB-FCS SCHEME*



**Today the IECEE offers an alternative Scheme called CB-FCS “Full Certification Scheme”, which is an extension of the CB Scheme and is based on the principle of mutual recognition of Conformity Assessment Certificates.**

# CB Scheme Statistics





Because Globalization and competition are leading to rapid changes, technical barriers to trade remain a serious problem and the industry is anxious about time to market, the shortening life cycle of products and the need to reduce costs...

- IECEE Schemes offer *de facto* the true “passport” for the needs of different countries.
- IECEE Schemes answer *de facto* the market needs to have a Test Certificate tailored to be recognized worldwide.
- IECEE Schemes, in their fullest extent, prove *de facto* that certification and testing costs can be reduced through the use of... one stop testing.