



IECEE PUBLICATIONS

IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System)

Definitions





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67 000 electrotechnical terminology entries in English and French extracted from the Terms and Definitions clause of IEC publications issued since 2002. Some entries have been collected from earlier publications of IEC TC 37, 77, 86 and CISPR.

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FOREWORD

Scope

To be defined.

Document Owner

CMC WG 10 “Maintenance of the IECEE Rules and Operational Documents”

History of changes

Revision Date	Brief summary of changes
2016-06-01	The majority of changes are due to the change from MTL to CTF program. The following clauses were updated: Clause 1, 13 to 15, previous 17 (now 13 after renumbering). The following clauses were deleted: 10
2018-02-08	The following clauses were updated: 2, , 11, 12 (deletion. all clause numbers after clause 12 were renumbered due to this deletion. The following clause numbers indicated after renumbered), 12, 12.1-12.4, 19
2019-03-07	The following clauses were updated: 10 and 11 per Decision 66/2017 and 39
2020-02-09	The following clauses were updated: 1, 2, 3.3, 3.4, 4,5, 7.1, 15, 16,17,18, 19, 31, 32, 34 and 37 per Decisions 21/2019, 50/2019 as well as removal of regional references,

Effective date	Next maintenance due date
2021-01-01	2024-01-01

1 Acronyms

Acronym	Description
AAR	Annual Re-Assessment Report
AHG	Ad Hoc Group
BATT	Batteries (IECEE Standard Category)
BoA	IECEE Board of Appeals
CAB	IEC Conformity Assessment Board
CABL	Cables and Cords (IECEE Standard Category)
CAG	Chair's Advisory Group
CALI	Calibration (IECEE Administrative Category)
CAP	Capacitors as components (IECEE Standard Category)
CASCO	ISO Conformity Assessment Committee
CB	Certification Body
CB Scheme	IECEE Scheme – Type test
CBTC	CB Test Certificate
CBTR	CB Test Report
CBTL	CB Testing Laboratory
CMC	IECEE Certification Management Committee
CONT	Switches for appliances and automatic controls for electrical household appliances (IECEE Standard Category)
CTF	Customers' Testing Facilities
CTL	IECEE Committee of Testing Laboratories
CYBR	Cybersecurity (IECEE Standard Category)
DA	Draft Agenda
DFA	Document For Approval
DL	Decision List
DSH	Decision Sheet
DV	Document for voting
E3	Energy Efficiency (IECEE Standard Category)
EAR	Extension Assessment Report
ELVH	Electric Vehicles (IECEE Standard Category)
EMC	Electromagnetic Compatibility (IECEE Standard Category)
ETF	IECEE Expert Task Force
GD	Group Differences
HOUS	Household and similar equipment (IECEE Standard Category)
I/R	Issuing and Recognising
IAF	International Accreditation Forum
IAR	Initial Assessment Report
ILAC	International Laboratory Accreditation Cooperation
INDA	Industrial Automation (IECEE Standard Category)
INF	Document for Information
INST	Installation accessories and connection devices (IECEE Standard Category)
LITE	Luminaires (IECEE Standard Category)
LTR	Local Technical Representative
MB	IECEE Member Body
MEAS	Measurement, Control and Laboratory equipment (IECEE Standard Category)
MED	Electrical equipment for medical use (IECEE Standard Category)
MISC	Miscellaneous (IECEE Standard Category)
MoU	Memorandum of Understanding
N/A	Not Applicable

Acronym	Description
N/E	Not Evaluated *Note: Its use is limited to collateral standards for medical equipment.
NCB	National Certification Body
NCR	Non Conformity Report
OD	Operational Document
OFF	IT and office equipment (IECEE Standard Category)
OSM	Operational Staff Meeting
PAC	IECEE Peer Assessment Committee (previously ACAG)
PDSH	Provisional Decision Sheet
POW	Low voltage, high power switching equipment (IECEE Standard Category)
PROT	Installation protective equipment (IECEE Standard Category)
PSC	IECEE Policy and Strategy Committee
Q	Questionnaire
R	Recognising
RAR	Re-assessment Report
RCMC	Report to the Certification Management Committee
RD	Ruling Document
RLAR	Re-Location Assessment Report
RM	Report of Meeting
RQ	Report on Questionnaire
SAFE	Safety transformers and similar equipment (IECEE Standard Category)
SPTL	Specialized Testing Laboratory
STR	Statement of Test Results
TF	Task Force
TOOL	Portable tools (IECEE Standard Category)
TRF	Test Report Form
TRON	Electronics, entertainment (IECEE Standard Category)
WG	Working Group

2 Operational Documents

Normative documents approved by the CMC and used to cover the various operations within the CB Scheme, such as applications, assessments, Test Report Format, etc.

The Operational Documents are used in conjunction with IEC CA 01 “IEC Conformity Assessment Systems – Basic Rules,” IECEE 01-S “IECEE Supplement to Harmonized Basic Rules IEC CA 01” and the IECEE Rules of Procedure.

3 National Certification Body (NCB)

3.1 Recognizing NCB

NCB which is, or has been appointed by, a Member Body of the IECEE, and accepted according to the IECEE Rules, and which is prepared to recognize CB Test Certificates for specified IEC standards as a basis for national certification or approval.

3.2 Issuing and Recognizing NCB

Recognizing NCB which has also been accepted according to the IECEE Rules for issuing CB Test Certificates for specified standards.

3.3 NCB “A”

Issuing and Recognizing NCB National Certification Body to which an Applicant first applies to obtain:

- a CB Test Certificate and a CB Test Report (CB Scheme)

3.4 NCB “B”

NCB to which an applicant successively applies to be granted its certification mark, or approval, making use of the documents issued by the NCB “A”, mentioned in the above definition.

4 Void

5 Applicant

A firm or a person who applies

- to an Issuing and Recognizing NCB (NCB “A”) for obtaining a CB Test Certificate (CBTC)
- to a Recognizing NCB or Issuing and Recognizing NCB (NCB “B”) for national certification/ approval on the basis of a CBTC.

Note: The applicant is the holder of the CBTC and associated CBTR.

6 CB Testing Laboratory (CBTL)

A testing laboratory which, after having been proposed as a candidate by an Issuing and Recognizing NCB, and which, after having been successfully assessed according to these Rules, is accepted into the CB Scheme.

Note: A new candidate CBTL can also be proposed by a Recognizing NCB preparing to become an Issuing and Recognizing NCB.

7 Specialized Testing Laboratory (SPTL)

A laboratory that is a dedicated testing facility conducting highly specialized testing requiring test equipment that is very expensive to procure, maintain and calibrate, and which might otherwise be used infrequently.

8. Manufacturer

An organization, situated at a stated location or stated locations, that carries out or controls such stages in the process of bringing a product to the market as manufacture, assessment, verification, handling and storage of a product.

A Manufacturer has full responsibility for continued compliance of the product with the relevant requirements and undertakes all obligations in that connection.

9. Customer

For the purpose of the CTF Program, a Customer is the Applicant.

10. Customer’s Testing Facility (CTF)

A CTF is a testing laboratory that has been recognized within the IECEE CB Scheme in accordance with OD-2048 for specified standards and/or tests within those standards.

11 VOID

12 Local Technical Representative (LTR)

A specified, competent person, operating under the responsibility of a NCB, who locally carries out the required CTF activities, according to OD 2034 and OD 2048, as applicable.

12.1 Local Entity

An organization which supports the operation of LTRs, where relevant. The Local Entity is independent from any Manufacturer, Manufacturer’s agent or agency.

12.2 Independent LTR

A person which is not employed by any NCB or its CBTLs.

12.3 Employee LTR

A person employed by the NCB or NCB/CBTL under the same corporate structure.

12.4 External LTR

A person employed by a CBTL associated with the NCB, outside of the corporate structure of the NCB.

13 Tutor CBTL

It is a CBTL responsible for the initial qualification and the on-going technical competence of a LTR, in specific product categories and standards.

14 Subcontractor

A supplier to a service organization in a contractual situation.

15 Factory

- The location at which the product is produced or assembled. , .

16 VOID

17 VOID

18 VOID

19 VOID

20 Standards used in the IECEE Schemes

The IECEE is based on the use of specific IEC standards for electrotechnical equipment and components accepted by the CMC for use in the IECEE.

21 Acceptance of Standards for a NCB

The decision by the IECEE Secretariat to accept a formal declaration made by a NCB to the IECEE Secretariat that the NCB accepts the relevant Standards (already used in the IECEE Scheme) which it wishes to have in its recognized scope, as the basis for the national certification.

22 National Differences

Those requirements or test parameters in the corresponding national standard which, when applied to equipment complying only with the standard accepted for use in the IECEE, might entail noncompliance of that equipment with the relevant national standard.

Note 1: When a requirement in the IEC standard is not implemented in the corresponding national standard, that is also a national difference.

Note 2: Those restrictive requirements in a national standard, which do not deviate from the criteria included in the corresponding standard accepted for use in the IECEE, but which limit the possibility to offer the relevant equipment for sale in the country concerned, are also considered to be national differences.

23 Harmonized standard

A standard that is nationally recognized as a standard harmonized with IEC and for which there are published and readily available National or Regional Differences from the IEC requirements.

24 Standard Technically equivalent to IEC Standard

Technically equivalent standard means that even though the national standard is not officially declared as harmonized with the IEC requirements, all parameters have either the same or more stringent requirements (as declared by the NCB/Member Body).

25 Scope of NCB and its associated CBTL(s)

The standards for which the NCB and its associated CBTL(s) have been formally accepted by the IECEE.

Note 1: The scope of the NCB and its associated CBTLs is published on the IECEE website.

Note 2: The scope of the NCB is the sum of the scopes of its CBTLs.

26 Extension of scope

A formal application made by the NCB to the IECEE Secretariat, with copy to the responsible Member Body of the IECEE for that NCB, seeking the extension of its scope as a Recognizing or Issuing/Recognizing Body to declared standards.

27 Test Report Form (TRF)

A blank test report template prepared by a TRF originator according to the relevant Operational Document.

28 TRF Originator

A NCB appointed by IECEE to develop specific Test Report Form(s).

29 CB Test Certificate (CBTC)

A document used in the CB Scheme to provide evidence that representative specimens of a product were fully tested for compliance with the requirements of the relevant IEC standards accepted for use in the IECEE, and were found to be in conformity with those standards.

A CBTC in conjunction with a CB Test Report is used as the means for mutual recognition of test results.

A CB Test Certificate is valid only when the relevant CB Test Report (in agreed harmonised form, if available) is attached.

30 CB Test Report (CBTR)

A report, utilizing the appropriate TRF, containing the results of a product investigation, measurement and test data, and all relevant attachments.

A CB Test Report covers the relevant test results, according to the requirements of the standard(s), including national differences, where requested, and all information necessary for identification of the product, such as type designation, ratings, description and photographs.

31 VOID

32 VOID

33 Certification System 1a

(See ISO/IEC 17067)

This system includes product testing of one or more product samples. A CBTC is given to each product represented by the tested sample(s).

This certification system includes the following:

- samples requested by the certification body (NCB);
- determination of characteristics by testing or assessment (CBTL);
- evaluation of the test report or assessment reports;
- decision and issuance of CBTC by the NCB;

34 VOID**35 Component**

A part or a subassembly intended to be installed into an end product in a factory by the end-product manufacturer. Some examples are: switches for appliances, capacitors, filters, fuseholders, build-in power supply, internal CD Rom or hard drive, and similar.

35.1 Component Acceptance Matrix

A database containing compilation of IECEE component acceptance practices by the NCBs participating in the IECEE.

36 Certification Documentation

Evidence of certification – such as a certificate, a license, a certification mark, etc...

37 VOID**38 Product Family**

A maximum configuration, a list of components/sub-assemblies plus a description of how the models are constructed from the maximum configuration and list.

All models which are included in the family typically have common design, construction, parts, or assemblies essential to ensure conformity with applicable requirements.

For the same products, there may be differences in defined product families that are contingent upon the nature or type of compliance criteria applied (e.g. safety, EMC, performance, efficacy, etc.).

If a product standard defined a product family, in the context of the specific standard, this definition takes over.

39 Corporate Structure / Corporate Family

The overall makeup of all of a corporation's different companies, legal entities and business units.

Each company, legal entity and business unit typically has their own individual responsibilities, yet all work together in striving to achieve the common goal of the corporation as a whole.

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