



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

100

1906-2006

The electric century

IEC Comitês & Sub-Comitês



Comitês Técnicos e Sub-Comitês

Committee	Description
TC 1	Terminology
TC 2	Rotating machinery
TC 3	Information structures, documentation and graphical symbols
SC 3C	Graphical symbols for use on equipment
SC 3D	Data sets for libraries
TC 4	Hydraulic turbines
TC 5	Steam Turbines (IN STAND BY)
TC 7	Overhead electrical conductors
TC 8	Systems aspects for electrical energy supply
TC 9	Electrical equipment and systems for railways
TC 10	Fluids for electrotechnical applications

Comitês Técnicos e Sub-Comitês

Committee	Description
TC 11	Overhead lines
TC 13	Electrical energy measurement, tariff- and load control
TC 14	Power transformers
TC 15	Solid electrical insulating materials
TC 16	Basic and safety principles for man-machine interface, marking and identification
TC 17	Switchgear and controlgear
SC 17A	High-voltage switchgear and controlgear
SC 17B	Low-voltage switchgear and controlgear
SC 17C	High-voltage switchgear and controlgear assemblies
SC 17D	Low-voltage switchgear and controlgear assemblies
TC 18	Electrical installations of ships and of mobile and fixed offshore units
SC 18A	Cables and cable installations

Comitês Técnicos e Sub-Comitês

Comite	Description
TC 20	Electric cables
TC 21	Secondary cells and batteries
SC 21A	Secondary cells and batteries containing alkaline or other non-acid electrolytes
TC 22	Power electronic systems and equipment
SC 22E	Stabilized power supplies
SC 22F	Power electronics for electrical transmission and distribution systems
SC 22G	Adjustable speed electric drive systems incorporating semiconductor power converters
SC 22H	Uninterruptible power systems (UPS)

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 23

Electrical accessories

SC 23A

Cable management systems

SC 23B

Plugs, socket-outlets and switches

SC 23C

World-wide plug and socket-outlet systems

SC 23E

Circuit-breakers and similar equipment for household use

SC 23F

Connecting devices

SC 23G

Appliance couplers

SC 23H

Industrial, plugs and socket-outlets

SC 23J

Switches for appliances

TC 25

Quantities and units, and their letter symbols

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 26	Electric welding
TC 27	Industrial electro heating equipment
TC 28	Insulation co-ordination
TC 29	Electro acoustics
TC 31	Equipment for explosive atmospheres
SC 31G	Intrinsically-safe apparatus
SC 31J	Classification of hazardous areas and installation requirements
TC 32	Fuses
SC 32A	High-voltage fuses
SC 32B	Low-voltage fuses
SC 32C	Miniature fuses

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 33	Power capacitors
TC 34	Lamps and related equipment
SC 34A	Lamps
SC 34B	Lamp caps and holders
SC 34C	Auxiliaries for lamps
SC 34D	Luminaries
TC 35	Primary cells and batteries
TC 36	Insulators
SC 36A	Insulated bushings
SC 36B	Insulators for overhead lines
SC 36C	Insulators for substations

Comitês Técnicos e Sub-Comitês

Committee	Description
TC 37	Surge arresters
SC 37A	Low-voltage surge protective devices
SC 37B	Specific components for surge arresters and surge protective devices
TC 38	Instrument transformers
TC 39	Electronic tubes
TC 40	Capacitors and resistors for electronic equipment
TC 42	High-voltage testing techniques
TC 44	Safety of machinery - Electrotechnical aspects
TC 45	Nuclear instrumentation
SC 45A	Instrumentation and control of nuclear facilities
SC 45B	Radiation protection instrumentation

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 46	Cables, wires, waveguides, R.F. connectors, R.F. and microwave passive components and accessories
SC 46A	Coaxial cables
SC 46C	Wires and symmetric cables
SC 46F	RF and microwave passive components
TC 47	Semiconductor devices
SC 47A	Integrated circuits
SC 47D	Mechanical standardization for semiconductor devices
SC 47E	Discrete semiconductor devices
TC 48	Electromechanical components and mechanical structures for electronic equipment
SC 48B	Connectors
SC 48D	Mechanical structures for electronic equipment

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 49	Piezoelectric and dielectric devices for frequency control and selection
TC 51	Magnetic components and ferrite materials
TC 55	Winding wires
TC 56	Dependability
TC 57	Power systems management and associated information exchange
TC 59	Performance of household and similar electrical appliances
SC 59A	Electric dishwashers
SC 59C	Heating appliances
SC 59D	Home laundry appliances
SC 59F	Floor treatment appliances
SC 59K	Ovens and microwave ovens, cooking ranges and similar appliances
SC 59L	Small household appliances

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 61

Safety of household and similar electrical appliances

SC 61B

Safety of microwave ovens

SC 61C

Household appliances for refrigeration

SC 61D

Appliances for air-conditioning for household and similar purposes

SC 61E

Safety of electrical commercial catering equipment

SC 61F

Safety of hand-held motor-operated electric tools

SC 61H

Safety of electrically-operated farm appliances

SC 61J

Electrical motor-operated cleaning appliances for industrial use

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 62	Electrical equipment in medical practice
SC 62A	Common aspects of electrical equipment used in medical practice
SC 62B	Diagnostic imaging equipment
SC 62C	Equipment for radiotherapy, nuclear medicine and radiation dosimetry
SC 62D	Electro medical equipment
TC 64	Electrical installations and protection against electric shock
TC 65	Industrial-process measurement and control
SC 65A	System aspects
SC 65B	Devices & process analysis
SC 65C	Industrial networks
SC 65E	System engineering and management

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 66	Safety of measuring, control and laboratory equipment
TC 68	Magnetic alloys and steels
TC 69	Electric road vehicles and electric industrial trucks
TC 70	Degrees of protection provided by enclosures
TC 72	Automatic controls for household use
TC 73	Short-circuit currents
TC 76	Optical radiation safety and laser equipment
TC 77	Electromagnetic compatibility
SC 77A	Low frequency phenomena
SC 77B	High frequency phenomena
SC 77C	High power transient phenomena

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 78	Live working
TC 79	Alarm systems (in stand by)
TC 80	Maritime navigation and radiocommunication equipment and systems
TC 81	Lightning protection
TC 82	Solar photovoltaic energy systems
TC 85	Measuring equipment for electrical and electromagnetic quantities
TC 86	Fibre optics
SC 86A	Fibres and cables
SC 86B	Fibre optic interconnecting devices and passive components
SC 86C	Fibre optic systems and active devices

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 87

Ultrasonics

TC 88

Wind turbines

TC 89

Fire hazard testing

TC 90

Superconductivity

TC 91

Electronics assembly technology

TC 93

Design automation

TC 94

All-or-nothing electrical relays

TC 95

Measuring relays and protection equipment

TC 96

Small power transformers, reactors, power supply units and similar products

TC 97

Electrical installations for lighting and beaconing of aerodromes

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 99	System engineering and erection of electrical power installations in systems with nominal voltages above 1kv a.c. and 1.5kV d.c., particularly concerning safety aspects
TC 100	Audio, video and multimedia systems and equipment
TC 101	Electrostatics
TC 103	Transmitting equipment for radio communication
TC 104	Environmental conditions, classification and methods of test
TC 105	Fuel cell technologies
TC 106	Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure
TC 107	Process management for avionics

Comitês Técnicos e Sub-Comitês

Committee

Description

TC 108

Safety of electronic equipment within the field of audio/video, information technology and communication technology

TC 109

Insulation co-ordination for low-voltage equipment

TC 110

Flat panel display devices

TC 111

Environmental standardization for electrical and electronic products and systems

TC 112

Evaluation and qualification of electrical insulating materials and systems

TC 113

Nanotechnology standardization for electrical and electronics products and systems

TC 114

Marine energy - Wave and tidal energy converters

Comitês Técnicos e Sub-Comitês

Committee	Description
CISPR	International special committee on radio interference
CISPR/SC A	Radio-interference measurements and statistical methods
CISPR/SC B	Interference relating to industrial, scientific and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electric traction
CISPR/SC D	Electromagnetic disturbances related to electric/electronic equipment on vehicles and internal combustion engine powered devices
CISPR/SC F	Interference relating to household appliances tools, lighting equipment and similar apparatus
CISPR/SC H	Limits for the protection of radio services
CISPR/SC I	Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers
CISPR/SC S	Steering Committee of CISPR

Comitês Técnicos e Sub-Comitês

Committee

Description

ISO/IEC JTC 1	ISO/IEC Joint Technical Committee for information technology
ISO/IEC JTC 2	Coded character sets
ISO/IEC JTC 6	Telecommunications and information exchange between systems
ISO/IEC JTC 7	Software engineering
ISO/IEC JTC 11	Flexible magnetic media for digital data interchange
ISO/IEC JTC 17	Identification cards and related devices
ISO/IEC JTC/SC 22	Programming languages, their environments and system software interfaces
ISO/IEC JTC/SC 23	Optical disk cartridges for information interchange
ISO/IEC JTC/SC 24	Computer graphics and image processing
ISO/IEC JTC/SC 25	Interconnection of information technology equipment

Comitês Técnicos e Sub-Comitês

Committee	Description
ISO/IEC JTC/SC 27	IT security techniques
ISO/IEC JTC/SC 28	Office equipment
ISO/IEC JTC/SC 29	Coding of audio, picture, multimedia and hypermedia information
ISO/IEC JTC/SC 31	Automatic data capture
ISO/IEC JTC/SC32	Data management services
ISO/IEC JTC/SC 34	Document description and processing languages
ISO/IEC JTC /SC 35	User interfaces
ISO/IEC JTC/SC 36	Information Technology for Learning, Education and Training