

## **IEC PROJETOS EM VOTAÇÃO**

**MAIO E JUNHO DE 2015**

### **IEC/TC 9 - Electrical equipment and systems for railways**

ATÉ 24 DE JULHO DE 2015.

IEC 61992-3 A1 Ed.2: Amendment 1 to IEC 61992-3 Ed.2, Railway applications - Fixed installations - D.c. switchgear - Part 3: Indoor d.c. disconnectors, switch-disconnectors and earthing switches.

IEC 61992-4 A1 Ed.1: Amendment 1 to IEC 61992-4 Ed.1, Railway applications - Fixed installations - DC switchgear - Part 4: Outdoor d.c. disconnectors, switch-disconnectors and earthing switches.

### **IEC/TC 13 - Electrical energy measurement and control**

ATÉ 24 DE JULHO DE 2015.

IEC 62056-7-5/ED1: ELECTRICITY METERING DATA EXCHANGE - THE DLMS/COSEM SUITE - Part 7-5: Local data transmission profiles for Local Networks (LN).

### **IEC/TC 14 - Power transformers**

ATÉ 17 DE JULHO DE 2015.

IEC 60076-57-1202 Ed.1: Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers.

### **IEC/TC 17 - High-voltage switchgear and controlgear**

ATÉ 24 DE JULHO DE 2015.

IEC 62271-212 Ed.1: High-voltage switchgear and controlgear - Part 212: Compact Equipment Assemblies for Distribution Substation (CEADS).

### **IEC/TC 18 - Electrical installations of ships and of mobile and fixed offshore units**

ATÉ 05 DE JUNHO DE 2015.

ISO 16315 Small craft - Electrical propulsion system.

### **IEC/TC 20 - Electric cables**

ATÉ 29 DE MAIO 2015.

IEC 60702-3: Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 3: Guide to use.

### **IEC/TC 21 - Secondary cells and batteries**

ATÉ 10 DE JULHO DE 2015.

IEC 61982-4: Secondary batteries (except lithium) for the propulsion of electric road vehicles - Safety requirements of nickel-metal hydride cells and modules.

IEC 60623: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Vented nickel-cadmium prismatic rechargeable single cells.

ATÉ 17 DE JULHO DE 2015.

IEC 62660-3: Secondary lithium-ion cells for the propulsion of electrical road vehicles - Part 3: Safety requirements.

### **IEC/TC 22 – Power electronic systems and equipment**

ATÉ 03 DE JULHO DE 2015.

IEC 61800-5-2 Ed.2: Adjustable speed electrical power drive systems - Part 5-2: Safety Requirements - Functional.

### **IEC/TC 23 - Electrical accessories**

ATÉ 29 DE MAIO DE 2015.

IEC 61995-1 Ed.1: Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements.

IEC 61995-2 Ed.1: Devices for the connection of luminaires for household and similar purposes - Part 2: Standard sheets for DCL.

ATÉ 03 DE JULHO DE 2015.

IEC 60898-2 Ed.2: Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for a.c. and d.c. operation.

ATÉ 10 DE JULHO DE 2015.

IEC 61058-1 Ed.4: Switches for appliances - Part 1: General requirements

IEC 61058-1-1 Ed.1: Switches for appliances - Part 1-1: Requirements for mechanical switches.

IEC 61058-1-2 Ed.1: Switches for appliances - Part 1-2: Requirements for electronic switches.

### **IEC/TC 31 - Equipment for explosive atmospheres**

ATÉ 03 DE JULHO DE 2015.

IEC 60079-29-1/Ed2: Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases.

### **IEC/TC 34 - Lamps and related equipment**

ATÉ 19 DE JUNHO DE 2015.

IEC 60081 Ed.5: Double-capped fluorescent lamps - Performance specifications.

### **IEC/TC 37 - Surge arresters**

ATÉ 03 DE JULHO DE 2015.

IEC 61643-351/Ed1: Components for low-voltage surge protection - Part 351: Performance requirements and test methods for telecommunications and signalling network lightning isolation transformers (LIT).

### **IEC/TC 47 - Semiconductor devices**

ATÉ 29 DE MAIO DE 2015.

IEC 62433-4 Ed.1: EMC IC modelling - Part 4: Models of Integrated Circuits for RF Immunity behavioural simulation - Conducted Immunity modelling (ICIM-CI).

ATÉ 10 DE JULHO DE 2015.

IEC 60747-4 Ed.2: Semiconductor devices - Discrete devices - Part 4: Microwave diodes and transistors.

IEC 60747-16-1 Ed.1 - Semiconductor devices - Part 16-1: Microwave integrated circuits - Amplifiers.

ATÉ 17 DE JULHO DE 2015.

IEC 60749-44 Ed.1: Semiconductor devices - Mechanical and climatic test methods - Part 44: Neutron beam irradiated single event effect (SEE) test method for semiconductor devices.

IEC 62779-3 Ed.1: Semiconductor devices - Semiconductor interface for human body communication - Part 3: Functional type and its operational conditions.

ATÉ 24 DE JULHO DE 2015.

IEC 62830-2 Ed.1: Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 2: Thermo power based thermoelectric energy harvesting.

### **IEC/TC 48 - Electrical connectors and mechanical structures for electrical and electronic equipment**

ATÉ 26 DE JUNHO DE 2015.

IEC 60603-7-82/Ed1: Connectors for electronic equipment - Part 7-82: Detail specification for 8-way, shielded, individual pair shielded, free and fixed connectors, for data transmission with frequencies up to 2 000 mhz.

IEC 61076-3-110/Ed3: Connectors for electronic equipment - product requirements - Part 3-110: detail specification for free and fixed connectors for data transmission with frequencies up to 3 000 mhz.

### **IEC/TC 56 - Dependability**

ATÉ 12 DE JUNHO DE 2015.

IEC 61078/Ed3: Reliability block diagrams.

### **IEC/TC 57 - Power systems management and associated information exchange**

ATÉ 17 DE JULHO DE 2015.

IEC/IEEE 61850-9-3 Ed.1: Communication Networks and Systems for Power Utility Automation - Part 9-3: Precision Time Protocol - Profile for Power Utility Automation

### **IEC/TC 59 - Performance of household and similar electrical appliances**

ATÉ 03 DE JULHO DE 2015.

IEC 60350-1 Ed.2: Household electric cooking appliance - Part 1: Ranges, ovens, steam ovens and grills - Method for measuring performance.

### **IEC/TC 61 - Safety of household and similar electrical appliances**

ATÉ 10 DE JULHO DE 2015.

IEC 60335-2-40-A1-f1/Ed5: Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.

IEC 60335-2-40-A1-f2/Ed5: Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.

IEC 60335-2-40-A1-f3/Ed5: Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.

## **IEC/TC 62 - Electrical equipment in medical practice**

ATÉ 10 DE JULHO DE 2015.

ISO 80601-2-74: Medical Electrical Equipment - Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment.

ATÉ 26 DE JUNHO DE 2015.

IEC 80601-2-35: Medical Electrical Equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use - Proposed Horizontal Standard.

IEC 60601-2-19: Medical Electrical Equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators - Proposed Horizontal Standards.

IEC 60601-2-20: Medical Electrical Equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators - Proposed Horizontal Standard.

IEC 60601-2-21: Medical Electrical Equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers - Proposed Horizontal Standard.

IEC 60601-2-50: Medical Electrical Equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment - Proposed Horizontal Standard.

IEC 60601-2-3: Medical Electrical Equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment - Proposed Horizontal Standard

IEC 60601-2-6: Medical Electrical Equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment - Proposed Horizontal Standard.

IEC 60601-2-10: Medical Electrical Equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators - Proposed Horizontal Standard.

## **IEC/TC 65 - Industrial-process measurement, control and automation**

ATÉ 10 DE JULHO DE 2015.

IEC 62828-3 Ed 1.0: Reference conditions and procedures for testing industrial and process measurement transmitters - Part 3: Specific procedures for temperature transmitters.

IEC 62828-1 Ed 1.0: REFERENCE CONDITIONS AND PROCEDURES FOR TESTING INDUSTRIAL AND PROCESS MEASUREMENT TRANSMITTERS Part 1: General procedures for all types of transmitters.

IEC 62828-2 Ed 1.0: REFERENCE CONDITIONS AND PROCEDURES FOR TESTING INDUSTRIAL AND PROCESS MEASUREMENT TRANSMITTERS Part 2: Specific procedures for pressure transmitters.

ATÉ 24 DE JULHO DE 2015.

IEC 60534-4, Ed. 4: Industrial-process control valves - Part 4: Inspection and routine testing.

### **IEC/TC 66 - Safety of measuring, control and laboratory equipment**

ATÉ 19 DE JUNHO DE 2015.

IEC 61010-2-011 Ed.1: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for REFRIGERATED EQUIPMENT.

ATÉ 26 DE JUNHO DE 2015.

IEC 61010-2-120 Ed.1: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-120: Particular safety requirements for machinery.

ATÉ 29 DE MAIO DE 2015.

IEC 61010-2-012 Ed.1: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment.

### **IEC/TC 77 - Electromagnetic compatibility**

ATÉ 03 DE JULHO DE 2015.

IEC 61000-4-31: Electromagnetic Compatibility (EMC) - Part 4-31: Testing and measurement techniques - AC mains ports broadband conducted disturbance immunity test.

ATÉ 17 DE JULHO DE 2015.

IEC 61000-4-9 - Electromagnetic Compatibility (EMC) - Part 4-9: Testing and measurement techniques - Pulse magnetic field immunity test.

IEC 61000-4-10 - Electromagnetic Compatibility (EMC) - Part 4-10: Testing and measurement techniques -Damped oscillatory magnetic field immunity test.

### **IEC/TC 79 - Alarm and electronic security systems**

ATÉ 10 DE JULHO DE 2015.

IEC 62820-1-1 Ed.1: Building intercom systems - Part 1-1: General requirements.

### **IEC/TC 82 - Solar photovoltaic energy systems**

ATÉ 26 DE JUNHO DE 2015.

IEC 61730-1 Ed.2: Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction.

IEC 61730-2 Ed.2: Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing.

### **IEC/TC 86 - Fibre optics**

ATÉ 03 DE JULHO DE 2015.

IEC 60793-2/Ed8: Optical fibres - Part 2: Product specifications - General.

IEC 62572-3/Ed3: Fibre optic active components and devices - Reliability standards - Part 3: Laser modules used for telecommunication.

IEC 62343-4-1/Ed1: Dynamic modules - Software and hardware interface standards - Part 4-1: 1x9 wavelength selective switch.

ATÉ 10 DE JULHO DE 2015.

IEC 60794-1-1/Ed4: Optical fibre cables - Part 1-1: Generic specification - General.

IEC 60794-3-70/Ed1: Optical Cables: Part 3.70:-Family specification for outdoor optical fibre cables for rapid/multiple deployment.

### **IEC/TC 91 - Electronics assembly technology**

ATÉ 03 DE JULHO DE 2015.

IEC 60068-3-13 Ed.1: Environmental testing - Part 3-13: Supporting documentation and guidance on test T: Soldering

## **IEC/TC 100 - Audio, video and multimedia systems and equipment**

ATÉ 29 DE MAIO DE 2015.

IEC 62827-1 Ed. 1.0: Wireless Power Transfer - Management - Part 1: Common Components (TA 15).

ATÉ 12 DE JUNHO DE 2015.

IEC 60958-4-1 Ed.1.0: Digital audio interface - Part 4-1: Professional applications - Audio Content (TA 4).

IEC 60958-4-2 Ed.1.0: Digital audio interface - Part 4-2: Professional applications - Metadata and subcode (TA 4).

IEC 60958-4-4 Ed.1.0: Digital audio interface - Part 4-4: Professional applications - Physical and electrical (TA 4).

ATÉ 03 DE JULHO DE 2015.

IEC 61966-2-4 Ed1 Amd 1: Multimedia systems and equipment - Colour measurement and management - Part 2-4: Colour management - Extended-gamut YCC colour space for video applications.

## **IEC/TC 105 - Fuel cell technologies**

ATÉ 26 DE JUNHO DE 2015.

IEC 62282-6-200 Ed.3: Fuel cell technologies - Part 6-200: Micro fuel cell power systems - Performance test methods.

## **IEC/TC 107 - Process management for avionics**

ATÉ 03 DE JULHO DE 2015.

IEC 62396-1 Ed.2: Process management for avionics - Atmospheric radiation effects - Part 1: Accommodation of atmospheric radiation effects via single event effects within avionics electronic equipment.

## **IEC/TC 116 - Safety of motor-operated electric tools**

ATÉ 10 DE JULHO DE 2015.

IEC 61058-1-1 Ed.1: Switches for appliances - Part 1-1: Requirements for mechanical switches.

ATÉ 24 DE JULHO DE 2015.



IEC 62841-3-12/Ed: Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-12: Particular requirements for transportable threading machines.