

ISO NORMAS PUBLICADAS

JULHO E AGOSTO

ISO/JTC 1 - Information technology

ISO/IEC 29341-7-11:2015 - Information technology - UPnP Device Architecture - Part 7-11: Lighting Device Control Protocol - Switch Power Service.

ISO/IEC 29341-3-10:2015 - Information technology - UPnP Device Architecture - Part 3-10: Audio Video Device Control Protocol - Audio Video Transport Service.

ISO/IEC 29341-12-2:2015 - Information technology - UPnP Device Architecture - Part 12-2: Remote User Interface Device Control Protocol - Remote User Interface Server Device.

ISO/IEC 29341-12-1:2015 - Information technology - UPnP Device Architecture - Part 12-1: Remote User Interface Device Control Protocol - Remote User Interface Client Device.

ISO/IEC 29341-12-10:2015 - Information technology - UPnP Device Architecture - Part 12-10: Remote User Interface Device Control Protocol - Remote User Interface Client Service.

ISO/IEC 29341-12-11:2015 - Information technology - UPnP Device Architecture - Part 12-11: Remote User Interface Device Control Protocol - Remote User Interface Server Service.

ISO/IEC 29180:2012/Cor 1:2015 - Information technology - Telecommunications and information exchange between systems - Security framework for ubiquitous sensor networks.

ISO/IEC 11693-3:2015 - Identification cards - Optical memory cards - Part 3: Authentication techniques.

ISO/IEC 15693-3:2009/Amd 3:2015 - Extended VICC memory organisation

ISO/IEC 11694-3:2015 - Identification cards - Optical memory cards - Linear recording method - Part 3: Optical properties and characteristics.

ISO/IEC TS 18822:2015 - Programming languages - File System Technical Specification.

ISO/IEC TS 19570:2015 - Programming Languages - Technical Specification for C++ Extensions for Parallelism.

ISO/IEC 30193:2013/Cor 1:2015 - Information technology - Digitally recorded media for information interchange and storage - 120 mm Triple Layer (100,0 Gbytes per disk) BD Rewritable disk.

ISO/IEC 30190:2013/Cor 1:2015 - Information technology - Digitally recorded media for information interchange and storage - 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Recordable disk.

ISO/IEC 30192:2013/Cor 1:2015 - Information technology - Digitally recorded media for information interchange and storage - 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Rewritable disk.

ISO/IEC 17760-101:2015 - Information technology - AT Attachment 8 - Part 101: ATA/ATAPI Command Set (ATA8-ACS).

ISO/IEC 14776-153:2015 - Information technology - Small Computer System Interface (SCSI) - Part 153: Serial Attached SCSI - 2.1 (SAS-2.1).

ISO/IEC 24760-2:2015 - Information technology - Security techniques - A framework for identity management - Part 2: Reference architecture and requirements.

ISO/IEC 27041:2015 - Information technology - Security techniques - Guidance on assuring suitability and adequacy of incident investigative method.

ISO/IEC 27042:2015 - Information technology - Security techniques - Guidelines for the analysis and interpretation of digital evidence.

ISO/IEC 23002-5:2013/Amd 1:2015 - Graphics tool library (GTL) reference software and conformance.

ISO/IEC 23009-1:2014/Amd 1:2015 - High Profile and Availability Time Synchronization.

ISO/IEC 18477-1:2015 - Information technology - Scalable compression and coding of continuous-tone still images - Part 1: Scalable compression and coding of continuous-tone still images.

ISO/IEC 14496-12:2012/Cor 4:2015 - Information technology - Coding of audio-visual objects - Part 12: ISO base media file format.

ISO/IEC 15444-12:2012/Cor 4:2015 - Information technology - JPEG 2000 image coding system - Part 12: ISO base media file format

ISO/IEC 23003-3:2012/Amd 1:2014/Cor 1:2015 - Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding.

ISO/IEC 13818-1:2015 - Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems.

ISO/IEC 29167-17:2015 - Information technology - Automatic identification and data capture techniques - Part 17: Crypto suite cryptoGPS security services for air interface communications.

ISO/IEC 19763-1:2015 - Information technology - Metamodel framework for interoperability (MFI) - Part 1: Framework.

ISO/IEC TR 15944-6:2015 - Information technology - Business Operational View - Part 6: Technical introduction to e-Business modelling.

ISO/IEC TR 19075-2:2015 - Information technology - Database languages - SQL Technical Reports - Part 2: SQL Support for Time-Related Information.

ISO/IEC TR 19075-3:2015 - Information technology - Database languages - SQL Technical Reports - Part 3: SQL Embedded in Programs using the Java™ programming language.

ISO/IEC TR 19075-4:2015 - Information technology - Database languages - SQL Technical Reports - Part 4: SQL with Routines and types using the Java™ programming language

ISO/IEC 29500-3:2015 - Information technology - Document description and processing languages - Office Open XML File Formats - Part 3: Markup Compatibility and Extensibility.

ISO/IEC 26300-3:2015 - Information technology - Open Document Format for Office Applications (OpenDocument) v1.2 - Part 3: Packages.

ISO/IEC 26300-2:2015 - Information technology - Open Document Format for Office Applications (OpenDocument) v1.2 - Part 2: Recalculated Formula (OpenFormula) Format.

ISO/IEC 26300-1:2015 - Information technology - Open Document Format for Office Applications (OpenDocument) v1.2 - Part 1: OpenDocument Schema.

ISO/IEC 9995-11:2015 - Information technology - Keyboard layouts for office systems - Part 11: Functionality of dead keys and repertoires of characters entered by dead keys.

ISO/TC 6 - Paper, board and pulps

ISO 1762:2015 - Paper, board and pulps - Determination of residue (ash) on ignition at 525 degrees C.

ISO/TC 10 - Technical product documentation

ISO 128-43:2015 - Technical product documentation (TPD) - General principles of presentation - Part 43: Projection methods in building drawings.

ISO 15519-2:2015 - Specifications for diagrams for process industry - Part 2: Measurement and control.

ISO 14084-1:2015 - Process diagrams for power plants - Part 1: Specification for diagrams.

ISO/TC 17- Steel

ISO 4969:2015 - Steel - Etching method for macroscopic examination.

ISO/TC 20 - Aircraft and space vehicles

ISO 8177:2015 - Aerospace - Omega clamps (saddle clamps) for fluid systems - Dimensions.

ISO 10537:2010/Amd 1:2015 - Space data and information transfer systems - Encapsulation service.

ISO 13526:2010/Amd 1:2015 - Space data and information transfer systems - Tracking data message.

ISO 22666:2007/Amd 1:2015 - Space data and information transfer systems -- AOS (advanced orbiting systems) space data link protocol.

ISO 12175:1994/Amd 1:2015 - Space data and information transfer systems -- Standard formatted data units -- Structure and construction rules.

ISO/TC 22 - Road vehicles

ISO 11452-8:2015 - Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 8: Immunity to magnetic fields.

ISO 11451-3:2015 - Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 3: On-board transmitter simulation.

ISO 11452-1:2015 - Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 1: General principles and terminology.

ISO 11451-2:2015 - Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Off-vehicle radiation sources.

ISO 11451-1:2015 - Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 1: General principles and terminology.

ISO 3006:2015 - Road vehicles - Passenger car wheels for road use - Test methods.

ISO/TR 12349-2:2015 - Road vehicles - Dummies for restraint system testing - Part 2: Child dummies.

ISO/TC 27 - Solid mineral fuels

ISO 12900:2015 - Hard coal - Determination of abrasiveness.

ISO 502:2015 - Coal - Determination of caking power - Gray-King coke test.

ISO/TC 34 - Food products

ISO 27971:2015 - Cereals and cereal products - Common wheat (*Triticum aestivum* L.) - Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology.

ISO/TS 17728:2015 - Microbiology of the food chain - Sampling techniques for microbiological analysis of food and feed samples.

ISO 11451-3:2015 - Road vehicles - Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 3: On-board transmitter simulation.

ISO 6495-1:2015 - Animal feeding stuffs - Determination of water-soluble chlorides content - Part 1: Titrimetric method.

ISO 12966-4:2015 - Animal and vegetable fats and oils - Gas chromatography of fatty acid methyl esters - Part 4: Determination by capillary gas chromatography.

ISO/TC 36

ISO 2969:2015 - Cinematography - B-chain electro-acoustic response of motion-picture control rooms and indoor theatres - Specifications and measurements

ISO 2939:2015 - Cinematography - Picture image area on 35 mm motion-picture release prints - Position and dimensions and analogue and digital photographic sound to picture record displacement.

ISO/TC 38 - Textiles

ISO 2061:2015 - Textiles - Determination of twist in yarns - Direct counting method.

ISO/TC 42 - Photography

ISO 17850:2015 - Photography - Digital cameras - Geometric distortion (GD) measurements.

ISO/TC 43 - Acoustics

ISO 10140-3:2010/Amd 1:2015 - Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation

ISO/TC 44 - Welding and allied processes

ISO 3834-5:2015 - Quality requirements for fusion welding of metallic materials -- Part 5: Documents with which it is necessary to conform to claim conformity to the quality requirements of ISO 3834-2, ISO 3834-3 or ISO 3834-4.

ISO/TC 45 - Rubber and rubber products

ISO 34-1:2015 - Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 1: Trouser, angle and crescent test pieces.

ISO 34-2:2015 - Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 2: Small (Delft) test pieces.

ISO 19242:2015 - Rubber - Determination of total sulfur content by ion chromatography.

ISO 18852:2015 - Rubber compounding ingredients - Determination of multipoint nitrogen surface area (NSA) and statistical thickness surface area (STSA).

ISO 15825:2015 - Rubber compounding ingredients - Carbon black - Determination of aggregate size distribution by disc centrifuge photosedimentometry.

ISO 2028:2015 - Synthetic rubber latex - Preparation of dry polymer.

ISO 4633:2015 - Rubber seals - Joint rings for water supply, drainage and sewerage pipelines - Specification for materials.

ISO/TC 58 - Gas cylinders

ISO 10286:2015 - Gas cylinders - Terminology.

ISO/TC 61 - Plastics

ISO 13802:2015 - Plastics - Verification of pendulum impact-testing machines - Charpy, Izod and tensile impact-testing.

ISO/TC 67 - Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries

ISO/TS 17969:2015 - Petroleum, petrochemical and natural gas industries - Guidelines on competency for personnel.

ISO 16903:2015 - Petroleum and natural gas industries - Characteristics of LNG, influencing the design, and material selection.

ISO/TC 76 - Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use

ISO 8536-8:2015 - Infusion equipment for medical use - Part 8: Infusion sets for single use with pressure infusion apparatus.

ISO 8536-10:2015 - Infusion equipment for medical use - Part 10: Accessories for fluid lines for single use with pressure infusion equipment.

ISO 8536-9:2015 - Infusion equipment for medical use - Part 9: Fluid lines for single use with pressure infusion equipment.

ISO 8536-11:2015 - Infusion equipment for medical use - Part 11: Infusion filters for single use with pressure infusion equipment.

ISO/TC 83 - Sports and other recreational facilities and equipment

ISO/TR 20183:2015 - Sports and other recreational facilities and equipment - Injury and safety definitions and thresholds - Guidelines for their inclusion in standards
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ISO 10958-2:2015 - Snowboards - Binding mounting area - Part 2: Requirements and test methods for snowboards with inserts.

ISO 11087:2015 - Alpine ski-bindings - Retention devices - Requirements and test methods.

ISO/TC 96 - Cranes

ISO 9928-1:2015 - Cranes - Crane operating manual - Part 1: General.

ISO 11660-2:2015 - Cranes - Access, guards and restraints - Part 2: Mobile cranes.

ISO/TC 102 - Iron ore and direct reduced iron

ISO 10203:2015 - Iron ores - Determination of calcium - Flame atomic absorption spectrometric method.

ISO 15633:2015 - Iron ores - Determination of nickel - Flame atomic absorption spectrometric method.

ISO/TC 106 - Dentistry

ISO 6872:2015 - Dentistry - Ceramic materials.

ISO 16954:2015 - Dentistry - Test methods for dental unit waterline biofilm treatment.

ISO 12836:2015 - Dentistry - Digitizing devices for CAD/CAM systems for indirect dental restorations - Test methods for assessing accuracy.

ISO/TC 107 - Metallic and other inorganic coatings

ISO 27307:2015 - Thermal spraying - Evaluation of adhesion/cohesion of thermal sprayed ceramic coatings by transverse scratch testing.

ISO/TC 113 - Hydrometry

ISO/TR 9212:2015 - Hydrometry - Methods of measurement of bedload discharge.

ISO/TC 115 - Pumps

ISO 20361:2015 - Liquid pumps and pump units - Noise test code - Grades 2 and 3 of accuracy.

ISO/TC 117 - Fans

ISO 5802:2001/Amd 1:2015 - Industrial fans - Performance testing in situ.

ISO/TC 121 - Anaesthetic and respiratory equipment

IEC 80601-2-71:2015 - Medical electrical equipment - Part 2-71: Particular requirements for the basic safety and essential performance of functional Near-Infrared Spectroscopy (NIRS) equipment.

ISO/TC 130 - Graphic technology

ISO 2834-2:2015 - Graphic technology - Laboratory preparation test prints - Part 2: Liquid printing inks.

ISO 12646:2015 - Graphic technology - Displays for colour proofing - Characteristics.

ISO 18619:2015 - Image technology colour management - Black point compensation.

ISO 17972-4:2015 - Graphic technology - Colour data exchange format (CxF/X) - Part 4: Spot colour characterisation data (CxF/X-4).

ISO/TC 134 - Fertilizers and soil conditioners

ISO 17323:2015 - Fertilizers and soil conditioners - Sulfur Coated Urea (SCU) - General requirements.

ISO 17322:2015 - Fertilizers and soil conditioners - Analytical methods for Sulfur Coated Urea (SCU).

ISO 17318:2015 - Fertilizers and soil conditioners - Determination of arsenic, cadmium, chromium, lead and mercury contents.

ISO/TC 135 - Non-destructive testing

ISO 18563-1:2015 - Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 1: Instruments.

ISO/TC 138 - Plastics pipes, fittings and valves for the transport of fluids

ISO 6259-3:2015 - Thermoplastics pipes - Determination of tensile properties - Part 3: Polyolefin pipes.

ISO/TC 147 - Water quality

ISO 13164-4:2015 - Water quality - Radon-222 - Part 4: Test method using two-phase liquid scintillation counting.

ISO 13168:2015 - Water quality - Simultaneous determination of tritium and carbon 14 activities -- Test method using liquid scintillation counting.

ISO 16778:2015 - Water quality - Calanoid copepod early-life stage test with *Acartia tonsa*.

ISO/TC 150 - Implants for surgery

ISO 12891-1:2015 - Retrieval and analysis of surgical implants - Part 1: Retrieval and handling.

ISO/TC 153 - Valves

ISO 5208:2015 - Industrial valves - Pressure testing of metallic valves.

ISO 15848-2:2015 - Industrial valves - Measurement, test and qualification procedures for fugitive emissions - Part 2: Production acceptance test of valves.

ISO 15848-1:2015 - Industrial valves - Measurement, test and qualification procedures for fugitive emissions - Part 1: Classification system and qualification procedures for type testing of valves.

ISO/TC 155 - Nickel and nickel alloys

ISO 7530-1:2015 - Nickel alloys - Flame atomic absorption spectrometric analysis - Part 1: Determination of cobalt, chromium, copper, iron and manganese.

ISO/TC 156 - Corrosion of metals and alloys

ISO 18069:2015 - Corrosion of metals and alloys - Method for determination of the uniform corrosion rate of stainless steels and nickel based alloys in liquids.

ISO 18086:2015 - Corrosion of metals and alloys - Determination of AC corrosion - Protection criteria.

ISO 17093:2015 - Corrosion of metals and alloys - Guidelines for corrosion test by electrochemical noise measurements.

ISO/TC 172 - Optics and photonics

ISO 10109:2015 - Optics and photonics - Guidance for the selection of environmental tests.

ISO 8036:2015 - Microscopes - Immersion liquids for light microscopy.

ISO 17123-8:2015 - Optics and optical instruments - Field procedures for testing geodetic and surveying instruments - Part 8: GNSS field measurement systems in real-time kinematic (RTK).

ISO 11151-1:2015 - Lasers and laser-related equipment - Standard optical components - Part 1: Components for the UV, visible and near-infrared spectral ranges.

ISO 11151-2:2015 - Lasers and laser-related equipment - Standard optical components - Part 2: Components for the infrared spectral range.

ISO 13142:2015 - Electro-optical systems - Cavity ring-down technique for high-reflectance measurement.

ISO 17901-1:2015 - Optics and photonics - Holography - Part 1: Methods of measuring diffraction efficiency and associated optical characteristics of holograms.

ISO 17901-2:2015 - Optics and photonics - Holography - Part 2: Methods for measurement of hologram recording characteristics.

ISO/TC 174 - Jewellery

ISO 18323:2015 - Jewellery - Consumer confidence in the diamond industry.

ISO/TC 181 - Safety of toys

ISO 8124-5:2015 - Safety of toys - Part 5: Determination of total concentration of certain elements in toys.

ISO/TC 183 - Copper, lead, zinc and nickel ores and concentrates

ISO 10258:2015 - Copper sulfide concentrates - Determination of copper content - Titrimetric methods.

ISO 15247:2015 - Zinc sulfide concentrates - Determination of silver content - Acid dissolution and flame atomic absorption spectrometric method.

ISO/TC 184 - Automation systems and integration

ISO 11354-2:2015 - Advanced automation technologies and their applications - Requirements for establishing manufacturing enterprise process interoperability - Part 2: Maturity model for assessing enterprise interoperability.

ISO/TC 201 - Surface chemical analysis

ISO 18337:2015 - Surface chemical analysis - Surface characterization - Measurement of the lateral resolution of a confocal fluorescence microscope.

ISO/TC 210 - Quality management and corresponding general aspects for medical devices

IEC 62304:2006/Amd 1:2015

ISO/TC 211 - Geographic information/Geomatics

ISO 19147:2015 - Geographic information - Transfer Nodes.

ISO 19150-2:2015 - Geographic information - Ontology - Part 2: Rules for developing ontologies in the Web Ontology Language (OWL).

ISO/TC 213 - Dimensional and geometrical product specifications and verification

ISO 16610-41:2015 - Geometrical product specifications (GPS) - Filtration - Part 41: Morphological profile filters: Disk and horizontal line-segment filters.

ISO 25178-606:2015 - Geometrical product specification (GPS) - Surface texture: Areal - Part 606: Nominal characteristics of non-contact (focus variation) instruments
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ISO 16610-61:2015 - Geometrical product specification (GPS) - Filtration - Part 61: Linear areal filters - Gaussian filters.

ISO 16610-22:2015 - Geometrical product specifications (GPS) - Filtration - Part 22: Linear profile filters: Spline filters.

ISO/TC 216 - Footwear

ISO 10750:2015 - Footwear - Test method for slide fasteners - Attachment strength of end stops.

ISO/TC 226 - Materials for the production of primary aluminium

ISO 18843:2015 - Aluminium oxide primarily used for the production of aluminium - Method for the determination of flow time.

ISO/TC 229 - Nanotechnologies

ISO/TS 80004-2:2015 - Nanotechnologies - Vocabulary - Part 2: Nano-objects.

ISO/TC 254 - Safety of amusement rides and amusement devices

ISO 17842-1:2015 - Safety of amusement rides and amusement devices - Part 1: Design and manufacture.

ISO 17842-3:2015 - Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use
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ISO/TC 256 - Pigments, dyestuffs and extenders

ISO 18314-1:2015 - Analytical colorimetry - Part 1: Practical colour measurement.

ISO 18314-3:2015 - Analytical colorimetry - Part 3: Special indices.

ISO 18314-2:2015 - Analytical colorimetry - Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, hiding power.

ISO/TC 258 - Project, programme and portfolio management

ISO 21504:2015 - Project, programme and portfolio management - Guidance on portfolio management.

ISO/TC 292 - Security and resilience

ISO 22324:2015 - Societal security - Emergency management - Guidelines for colour-coded alerts.

ISO/TC IULTCS

ISO 18218-1:2015 (IULTCS/IUC 28-1) - Leather - Determination of ethoxylated alkylphenols - Part 1: Direct method.

ISO 18218-2:2015 (IULTCS/IUC 28-2) - Leather - Determination of ethoxylated alkylphenols - Part 2: Indirect method.

ISO/CASCO -

ISO/IEC 17021-1:2015 - Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 1: Requirements

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