

## ISO NORMAS PUBLICADAS

### ISO/JTC 1 - Information technology

ISO/IEC/IEEE 8802-11:2012/Amd 5:2015 -

ISO/IEC/IEEE 8802-11:2012/Amd 4:2015

ISO/IEC 11770-3:2015 - Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques.

ISO/IEC 29190:2015 - Information technology - Security techniques - Privacy capability assessment model.

ISO/IEC 27033-1:2015 - Information technology - Security techniques - Network security - Part 1: Overview and concepts.

ISO/IEC 28360:2015 - Information technology - Office equipment - Determination of chemical emission rates from electronic equipment.

ISO/IEC 14496-3:2009/Amd 5:2015 - Support for Dynamic Range Control, New Levels for ALS Simple Profile, and Audio Synchronization.

ISO/IEC 14496-5:2001/Amd 32:2015 - Reference software for multi-resolution 3D mesh compression.

ISO/IEC 14496-5:2001/Amd 35:2015 - 3D-AVC Reference software.

ISO/IEC 29170-2:2015 - Information technology - Advanced image coding and evaluation - Part 2: Evaluation procedure for nearly lossless coding.

ISO/IEC 23003-3:2012/Cor 4:2015 -

ISO/IEC 23003-1:2007/Amd 1:2008/Cor 3:2015 -

ISO/IEC 15938-13:2015 - Information technology - Multimedia content description interface - Part 13: Compact descriptors for visual search.

ISO/IEC 15426-2:2015 - Information technology - Automatic identification and data capture techniques - Bar code verifier conformance specification - Part 2: Two-dimensional symbols.

ISO/IEC 16480:2015 - Information technology - Automatic identification and data capture techniques - Reading and display of ORM by mobile devices.

ISO/IEC 11179-6:2015 - Information technology - Metadata registries (MDR) - Part 6: Registration.

ISO/IEC 19763-5:2015 - Information technology - Metamodel framework for interoperability (MFI) - Part 5: Metamodel for process model registration.

ISO/IEC 19763-6:2015 - Information technology - Metamodel framework for interoperability (MFI) - Part 6: Registry Summary.

ISO/IEC TR 29196:2015 - Guidance for biometric enrolment.

ISO/IEC 19785-1:2015 - Information technology - Common Biometric Exchange Formats Framework - Part 1: Data element specification.

### **ISO/TC 17- Steel**

ISO 19272:2015 - Low alloyed steel - Determination of C, Si, Mn, P, S, Cr, Ni, Al, Ti and Cu - Glow discharge optical emission spectrometry (routine method).

### **ISO/TC 22 - Road vehicles**

ISO 3894:2015 - Road vehicles - Wheels/rims for commercial vehicles - Test methods.

ISO 13948-1:2015 - Diesel engines - Fuel injection pumps and fuel injector low-pressure connections - Part 1: Threaded connections.

ISO 17840-1:2015 - Road vehicles - Information for first and second responders - Part 1: Rescue sheet for passenger cars and light commercial vehicles.

### **ISO/TC 23 -**

ISO 789-3:2015 - Agricultural tractors - Test procedures - Part 3: Turning and clearance diameters.

ISO 6535:2015 - Portable chain-saws - Chain brake performance.

ISO/TS 19858:2015 - Forestry machines - Portable chain-saws - Test method for evaluating saw chain oil lubricity.

### **ISO/TC 29 -**

ISO/TS 13399-202:2015 - Cutting tool data representation and exchange - Part 202: Creation and exchange of 3D models - Irregular inserts.

### **ISO/TC 34 -**

ISO 11085:2015 - Cereals, cereals-based products and animal feeding stuffs - Determination of crude fat and total fat content by the Randall extraction method.

ISO 17604:2015 - Microbiology of the food chain - Carcass sampling for microbiological analysis.

ISO 17780:2015 - Animal and vegetable fats and oils - Determination of aliphatic hydrocarbons in vegetable oils.

ISO 18363-1:2015 - Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 1: Method using fast alkaline transesterification and measurement for 3-MCPD and differential measurement for glycidol.

ISO 16779:2015 - Sensory analysis - Assessment (determination and verification) of the shelf life of foodstuffs.

#### **ISO/TC 35 -**

ISO 8623:2015 - Tall-oil fatty acids for paints and varnishes - Test methods and characteristic values.

#### **ISO/TC 38 -**

ISO/TS 17920:2015 - Fibre ropes for offshore stationkeeping - Aramid.

#### **ISO/TC 39 -**

ISO 18217:2015 - Safety of woodworking machines - Edge-banding machines fed by chain(s).

#### **ISO/TC 42 -**

ISO 18383:2015 - Photography - Digital cameras - Specification guideline.

#### **ISO/TC 44 -**

ISO 6848:2015 - Arc welding and cutting - Nonconsumable tungsten electrodes - Classification.

#### **ISO/TC 45 -**

ISO 6133:2015 - Rubber and plastics - Analysis of multi-peak traces obtained in determinations of tear strength and adhesion strength.

ISO 6123-1:2015 - Rubber or plastics covered rollers - Specifications - Part 1: Requirements for hardness.

ISO 7229:2015 - Rubber- or plastics-coated fabrics - Measurement of gas permeability.

**ISO/TC 58 -**

ISO 17871:2015 - Gas cylinders - Quick-release cylinder valves - Specification and type testing.

**ISO/TC 59 -**

ISO 11618:2015 - Buildings and Civil Engineering Works - Sealants - Classification and requirements for pedestrian walkway sealants.

ISO 15928-1:2015 - Houses - Description of performance - Part 1: Structural safety.

ISO 15928-2:2015 - Houses - Description of performance - Part 2: Structural serviceability.

ISO 15928-3:2015 - Houses - Description of performance - Part 3: Structural durability.

**ISO/TC 60 -**

ISO/TR 10828:2015 - Worm gears - Worm profiles and gear mesh geometry.

**ISO/TC 61 -**

ISO 22007-2:2015 - Plastics - Determination of thermal conductivity and thermal diffusivity - Part 2: Transient plane heat source (hot disc) method.

ISO 11357-7:2015 - Plastics - Differential scanning calorimetry (DSC) - Part 7: Determination of crystallization kinetics.

ISO 19095-1:2015 - Plastics - Evaluation of the adhesion interface performance in plastic-metal assemblies - Part 1: Guidelines for the approach.

ISO 19095-2:2015 - Plastics - Evaluation of the adhesion interface performance in plastic-metal assemblies - Part 2: Test specimens.

ISO 19095-3:2015 - Plastics - Evaluation of the adhesion interface performance in plastic-metal assemblies - Part 3: Test methods.

ISO 19095-4:2015 - Plastics - Evaluation of the adhesion interface performance in plastic-metal assemblies - Part 4: Environmental conditions for durability.

ISO 16616:2015 - Test methods for natural fibre-reinforced plastic composite (NFC) deck boards.

**ISO/TC 67 -**

ISO 15156-1:2015 - Petroleum and natural gas industries - Materials for use in H<sub>2</sub>S-containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials.

ISO 15156-2:2015 - Petroleum and natural gas industries - Materials for use in H<sub>2</sub>S-containing environments in oil and gas production - Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons.

ISO 15156-3:2015 - Petroleum and natural gas industries - Materials for use in H<sub>2</sub>S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys.

#### **ISO/TC 68 -**

ISO 4217:2015 - Codes for the representation of currencies.

#### **ISO/TC 70 -**

ISO 8178-8:2015 - Reciprocating internal combustion engines - Exhaust emission measurement - Part 8: Engine group determination.

ISO 13926-2:2011/Amd 1:2015

#### **ISO/TC 83 -**

ISO 11110:2015 - Winter-sports equipment - Test devices for the setting of the functional unit ski/boot/binding - Requirements and tests.

#### **ISO/TC 85 -**

ISO 12749-4:2015 - Nuclear energy, nuclear technologies, and radiological protection - Vocabulary - Part 4: Dosimetry for radiation processing.

#### **ISO/TC 92 -**

ISO 19702:2015 - Guidance for sampling and analysis of toxic gases and vapours in fire effluents using Fourier Transform Infrared (FTIR) spectroscopy.

ISO/TR 24679-3:2015 - Fire safety engineering - Performance of structure in fire - Part 3: Example of an open car park.

#### **ISO/TC 100 -**

ISO 606:2015 - Short-pitch transmission precision roller and bush chains, attachments and associated chain sprockets

[Hide details](#)

## **ISO/TC 102 -**

ISO/TR 18230:2015 - Iron ores - Determination of loss on ignition - Non-oxidised ores.

ISO 3271:2015 - Iron ores for blast furnace and direct reduction feedstocks - Determination of the tumble and abrasion indices.

ISO 13930:2015 - Iron ores for blast furnace feedstocks - Determination of low-temperature reduction-disintegration indices by dynamic method.

ISO 11256:2015 - Iron ore pellets for shaft direct-reduction feedstocks - Determination of the clustering index.

ISO 8371:2015 - Iron ores for blast furnace feedstocks - Determination of the decrepitation index.

ISO 4700:2015 - Iron ore pellets for blast furnace and direct reduction feedstocks - Determination of the crushing strength.

ISO 7992:2015 - Iron ores for blast furnace feedstocks - Determination of reduction under load.

ISO 11257:2015 - Iron ores for shaft direct-reduction feedstocks - Determination of the low-temperature reduction-disintegration index and degree of metallization.

ISO 7215:2015 - Iron ores for blast furnace feedstocks - Determination of the reducibility by the final degree of reduction index.

ISO 11258:2015 - Iron ores for shaft direct-reduction feedstocks - Determination of the reducibility index, final degree of reduction and degree of metallization.

ISO 4696-1:2015 - Iron ores for blast furnace feedstocks - Determination of low-temperature reduction-disintegration indices by static method - Part 1: Reduction with CO, CO<sub>2</sub>, H<sub>2</sub> and N<sub>2</sub>.

ISO 4696-2:2015 - Iron ores for blast furnace feedstocks - Determination of low-temperature reduction-disintegration indices by static method - Part 2: Reduction with CO and N<sub>2</sub>.

ISO 4695:2015 - Iron ores for blast furnace feedstocks - Determination of the reducibility by the rate of reduction index.

## **ISO/TC 106 -**

ISO 6874:2015 - Dentistry - Polymer-based pit and fissure sealants.

ISO 3630-3:2015 - Dentistry - Endodontic instruments - Part 3: Compactors: pluggers and spreaders.

ISO 13397-5:2015 - Dentistry - Periodontal curettes, dental scalers and excavators - Part 5: Jacquette scalers.

ISO 16408:2015 - Dentistry - Oral care products - Oral rinses.

#### **ISO/TC 110 -**

ISO 22915-24:2015 - Industrial trucks - Verification of stability - Part 24: Slewing variable-reach rough-terrain trucks.

#### **ISO/TC 113 - Hydrometry**

ISO/TR 11651:2015 - Estimation of sediment deposition in reservoirs using one dimensional simulation models.

#### **ISO/TC 118 -**

ISO 28927-5:2009/Amd 1:2015 -

#### **ISO/TC 130 - Graphic technology**

ISO 14861:2015 - Graphic technology - Requirements for colour soft proofing systems.

#### **ISO/TC 131 -**

ISO 19973-1:2015 - Pneumatic fluid power - Assessment of component reliability by testing - Part 1: General procedures.

ISO 19973-5:2015 - Pneumatic fluid power - Assessment of component reliability by testing - Part 5: Non-return valves, shuttle valves, dual pressure valves (AND function), one-way adjustable flow control valves, quick-exhaust valves.

ISO 19973-2:2015 - Pneumatic fluid power - Assessment of component reliability by testing - Part 2: Directional control valves.

ISO 19973-3:2015 - Pneumatic fluid power - Assessment of component reliability by testing - Part 3: Cylinders with piston rod.

ISO 6020-2:2015 - Hydraulic fluid power - Mounting dimensions for single rod cylinders, 16 MPa (160 bar) series - Part 2: Compact series.

ISO 6432:2015 - Pneumatic fluid power - Single rod cylinders, 1 000 kPa (10 bar) series, bores from 8 mm to 25 mm - Basic and mounting dimensions.

ISO 6020-3:2015 - Hydraulic fluid power - Mounting dimensions for single rod cylinders, 16 MPa (160 bar) series - Part 3: Compact series with bores from 250 mm to 500 mm.

### **ISO/TC 135 - Non-destructive testing**

ISO 9934-1:2015 - Non-destructive testing - Magnetic particle testing - Part 1: General principles.

ISO 9934-2:2015 - Non-destructive testing - Magnetic particle testing - Part 2: Detection media.

ISO 9934-3:2015 - Non-destructive testing - Magnetic particle testing - Part 3: Equipment.

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

ISO 18488:2015 - Polyethylene (PE) materials for piping systems - Determination of Strain Hardening Modulus in relation to slow crack growth - Test method.

### **ISO/TC 146 -**

ISO 17211:2015 - Stationary source emissions - Sampling and determination of selenium compounds in flue gas.

### **ISO/TC 147 - Water quality**

ISO/TS 16780:2015 - Water quality - Determination of polychlorinated naphthalenes (PCN) - Method using gas chromatography (GC) and mass spectrometry (MS).

### **ISO/TC 149 -**

\*\*ISO 18191:2015 - Water quality - Determination of pH<sub>T</sub> in sea water - Method using the indicator dye m-cresol purple.

ISO 4210-6:2015 - Cycles - Safety requirements for bicycles - Part 6: Frame and fork test methods.

ISO 4210-2:2015 - Cycles - Safety requirements for bicycles - Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles.

### **ISO/TC 156 - Corrosion of metals and alloys**

ISO 8044:2015 - Corrosion of metals and alloys - Basic terms and definitions.

### **ISO/TC 158 -**

ISO 6142-1:2015 - Gas analysis - Preparation of calibration gas mixtures - Part 1: Gravimetric method for Class I mixtures.

#### **ISO/TC 159-**

ISO 20685-2:2015 - Ergonomics - 3-D scanning methodologies for internationally compatible anthropometric databases - Part 2: Evaluation protocol of surface shape and repeatability of relative landmark positions.

ISO 7250-3:2015 - Basic human body measurements for technological design - Part 3: Worldwide and regional design ranges for use in product standards.

#### **ISO/TC 161 -**

ISO 23551-9:2015 - Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 9: Mechanical gas thermostats.

#### **ISO/TC 163 -**

ISO 9972:2015 - Thermal performance of buildings - Determination of air permeability of buildings - Fan pressurization method.

#### **ISO/TC 165 -**

ISO 16598:2015 - Timber structures - Structural classification for sawn timber.

#### **ISO/TC 171 -**

ISO 18565:2015 - Document management - AFP/Archive.

#### **ISO/TC 172 - Optics and photonics**

ISO 16671:2015 - Ophthalmic implants - Irrigating solutions for ophthalmic surgery.

ISO 16672:2015 - Ophthalmic implants - Ocular endotamponades.

#### **ISO/TC 189 -**

ISO 13007-5:2015 - Ceramic tiles - Grouts and adhesives -- Part 5: Requirements, test methods, evaluation of conformity, classification and designation of liquid-applied waterproofing membranes for use beneath ceramic tiling bonded with adhesives.

## **ISO/TC 190 -**

ISO 16558-1:2015 - Soil quality - Risk-based petroleum hydrocarbons - Part 1: Determination of aliphatic and aromatic fractions of volatile petroleum hydrocarbons using gas chromatography (static headspace method).

## **ISO/TC 195 -**

ISO 21873-1:2015 - Building construction machinery and equipment - Mobile crushers - Part 1: Terminology and commercial specifications.

## **ISO/TC 201 - Surface chemical analysis**

ISO 13083:2015 - Surface chemical analysis - Scanning probe microscopy - Standards on the definition and calibration of spatial resolution of electrical scanning probe microscopes (ESPMs) such as SSRM and SCM for 2D-dopant imaging and other purposes.

## **ISO/TC 204 -**

ISO 17515-1:2015 - Intelligent transport systems - Communications access for land mobiles (CALM) - Evolved Universal Terrestrial Radio Access Network (E-UTRAN) - Part 1: General usage.

## **ISO/TC 206 -**

ISO 17841:2015 - Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for thermal fatigue of fine ceramics substrate.

ISO 15733:2015 - Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure - Determination of tensile properties.

ISO 17859:2015 - Fine ceramics (advanced ceramics, advanced technical ceramics) - Measurement method of piezoelectric strain at high electric field.

## **ISO/TC 211 - Geographic information/Geomatics**

ISO 19136-2:2015 - Geographic information - Geography Markup Language (GML) - Part 2: Extended schemas and encoding rules.

ISO 19162:2015 - Geographic information - Well-known text representation of coordinate reference systems.

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

ISO 14253-5:2015 - Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 5: Uncertainty in verification testing of indicating measuring instruments.

#### **ISO/TC 221 -**

ISO 25619-2:2015 - Geosynthetics - Determination of compression behaviour - Part 2: Determination of short-term compression behaviour.

ISO 80601-2-72:2015 - Medical electrical equipment - Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients.

#### **ISO/TC 224 -**

ISO 24518:2015 - Activities relating to drinking water and wastewater services - Crisis management of water utilities.

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

ISO 18842:2015 - Aluminium oxide primarily used for the production of aluminium - Method for the determination of tapped and untapped density.

#### **ISO/TC 229 - Nanotechnologies**

ISO/TS 17466:2015 - Use of UV-Vis absorption spectroscopy in the characterization of cadmium chalcogenide colloidal quantum dots.

#### **ISO/TC 234 -**

ISO 18538:2015 - Traceability of molluscan products - Specifications on the information to be recorded in farmed molluscan distribution chains.

ISO 16741:2015 - Traceability of crustacean products - Specifications on the information to be recorded in farmed crustacean distribution chains.

ISO 18539:2015 - Traceability of molluscan products - Specifications on the information to be recorded in captured molluscan distribution chains.

ISO 18134-1:2015 - Solid biofuels - Determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method.

#### **ISO/TC 238 -**

ISO 18134-2:2015 - Solid biofuels - Determination of moisture content - Oven dry method - Part 2: Total moisture - Simplified method.

### **ISO/TC 256 - Pigments, dyestuffs and extenders**

ISO 18473-1:2015 - Functional pigments and extenders for special applications - Part 1: Nanoscale calcium carbonate for sealant application.

ISO 18473-2:2015 - Functional pigments and extenders for special applications - Part 2: Nanoscale titanium dioxide for sunscreen application.

### **ISO/TC 257 -**

ISO 17742:2015 - Energy efficiency and savings calculation for countries, regions and cities.

### **ISO/TC 282 -**

ISO 16075-1:2015 - Guidelines for treated wastewater use for irrigation projects - Part 1: The basis of a reuse project for irrigation.

ISO 16075-2:2015 - Guidelines for treated wastewater use for irrigation projects - Part 2: Development of the project.

ISO 16075-3:2015 - Guidelines for treated wastewater use for irrigation projects - Part 3: Components of a reuse project for irrigation.