

# ISO Update

Supplement to ISOfocus

---

December 2018

---

# International Standards in process

An International Standard is the result of an agreement between the member bodies of ISO. A first important step towards an International Standard takes the form of a committee draft (CD) - this is circulated for study within an ISO technical committee. When consensus has been reached within the technical committee, the document is sent to the Central Secretariat for processing as a draft International Standard (DIS). The DIS requires approval by at least 75 % of the member bodies casting a vote. A confirmation vote is subsequently carried out on a final draft International Standard (FDIS), the approval criteria remaining the same.

## CD registered

Period from 01 November to 30 November 2018

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

PC 308	Chain of custody - General terminology and models
ISO/CD 22095	Chain of custody — General terminology, concepts, requirements and guidance
PC 318	Community scale resource oriented sanitation treatment systems
ISO/CD 31800	Community scale resource oriented sanitation treatment systems
TC 20	Aircraft and space vehicles
ISO/CD 26871	Space systems — Explosive systems and devices
TC 21	Equipment for fire protection and fire fighting
ISO/DTR 23107	Criteria for assessment of new agents for inclusion in ISO 14520 series
TC 22	Road vehicles
ISO/CD 21806-1	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 1: General information and document structure definition
ISO/CD 21806-2	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 2: Application layer
ISO/CD 21806-3	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 3: Application layer conformance test plan
ISO/CD 21806-4	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 4: Transport and network layer
ISO/CD 21806-5	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 5: Transport and network layer conformance test plan
ISO/CD 21806-6	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 6: Data link layer

ISO/CD 21806-7	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 7: Data link layer conformance test plan
ISO/CD 21806-8	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 8: 150 Mbit/s optical physical layer
ISO/CD 21806-9	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 9: 150 Mbit/s optical physical layer conformance test plan
ISO/CD 13988	Passenger vehicle wheels — Clip balance weight and rim flange nomenclature, test procedures and performance requirements
ISO/CD 14400	Road vehicles — Wheels and rims — Use, general maintenance and safety requirements and out-of-service conditions
TC 27	Solid mineral fuels
ISO/CD 18283	Hard coal and coke — Manual sampling
TC 31	Tyres, rims and valves
ISO 11795:2018/CD Amd 1	Agricultural tractor drive wheel tyres — Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference — Amendment 1
ISO/CD 18804	Rims for agricultural, forestry and construction machines
TC 35	Paints and varnishes
ISO/CD 11890-2	Paints and varnishes — Determination of volatile organic compound (VOC) content — Part 2: Gas-chromatographic method
TC 38	Textiles
ISO/CD 5079	Textile fibres — Determination of breaking force and elongation at break of individual fibres
TC 42	Photography
ISO/CD 18913	Imaging materials — Permanence — Vocabulary
TC 43	Acoustics
ISO/CD 10052	Acoustics — Field measurements of airborne and impact sound insulation and of service equipment sound — Survey method
TC 44	Welding and allied processes
ISO/CD 18496	Brazing — Fluxes for brazing — Classification and technical delivery conditions
TC 45	Rubber and rubber products
ISO/CD 1409	Plastics/rubber — Polymer dispersions and rubber latices (natural and synthetic) — Determination of surface tension
TC 58	Gas cylinders
ISO/CD 11119-1	Gas cylinders — Refillable composite gas cylinders and tubes — Design, construction and testing — Part 1: Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l
ISO/CD 11119-2	Gas cylinders — Refillable composite gas cylinders and tubes — Design, construction and testing — Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners

ISO/CD 11119-3	Gas cylinders — Refillable composite gas cylinders and tubes — Design, construction and testing — Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450L with non-load-sharing metallic or non-metallic liners	TC 113	Hydrometry
ISO/CD 11439	Gas cylinders — High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles	ISO/CD 3455	Hydrometry — Calibration of current-meters in straight open tanks
TC 59	Buildings and civil engineering works	TC 120	Leather
ISO/CD 21265	Buildings and civil engineering works — Sealants — Test method for fungicidal (mould) resistance of sanitary sealants	ISO/CD 14931	Leather — Guide to the selection of leather for apparel (excluding furs)
ISO/CD 19650-5	Organization of information about construction works — Information management using building information modelling — Part 5: Specification for security-minded building information modelling, digital built environments and smart asset management	ISO/CD 16131	Leather — Upholstery leather characteristics — Selection of leather for furniture
TC 61	Plastics	ISO/CD 20940	Leather — Crust full chrome upper leather — Specification and test methods
ISO/CD 4589-4	Plastics — Determination of burning behaviour by oxygen index — Part 4: High flow velocity test	TC 122	Packaging
ISO/CD 19721	Plastics — Abrasion test method for artificial turfs to evaluate the combined effects of mechanical wear and UV radiation using sequential testing	ISO/CD 22982-1	Temperature controlled transport packaging — Part 1: Part 1: General requirements of temperature controlled transport packages for parcel shipping
ISO/CD 22403	Plastics — Assessment of the inherent aerobic biodegradability and environmental safety of non-floating materials exposed to marine inocula under laboratory and mesophilic conditions — Test methods and requirements	ISO/DTR 22984	Reusable Transport Packaging — Cleaning and sanitation methods of reusable transport containers for food distribution purpose
TC 69	Applications of statistical methods	TC 127	Earth-moving machinery
ISO/CD 16337	Application of statistical and related methods to new technology and product development process — Robust Tolerance Design (RTD)	ISO/CD 24410	Earth-moving machinery — Coupling of attachments to skid steer loaders
TC 70	Internal combustion engines	ISO 12511:1997/ CD Amd 1	Earth-moving machinery — Hour meters — Amendment 1
ISO/CD 3046-6	Reciprocating internal combustion engines — Performance — Part 6: Overspeed protection	TC 130	Graphic technology
TC 71	Concrete, reinforced concrete and pre-stressed concrete	ISO/CD 16612-3	Graphic technology — Variable data exchange — Part 3: Using PDF/X-6 (PDF/VT-3)
ISO/CD 22040	Life-cycle management of concrete structures	ISO/DTS 18621-31	Image quality evaluation methods for printed matter — Part 31: Evaluation of the perceived resolution of printing systems with the contrast-resolution chart
TC 92	Fire safety	TC 145	Graphical symbols
ISO/CD 23693	Determination of the resistance to gas explosions of passive fire protection materials — Part 1: General Requirements	ISO/CD 20560-1	Safety signs — Part 1: Pipe marking
ISO/DTS 12828-3	Validation method for fire gas analysis — Part 3: Considerations related to interlaboratory trials with fire effluents chemical analyses	TC 147	Water quality
TC 102	Iron ore and direct reduced iron	ISO/CD 23256	Water Quality — Rapid detection of dioxin-like polychlorinated dibenzo-p-Dioxins, dibenzofurans and biphenyls — Method using a flow immunosensor
ISO/CD TS 2597-4	Iron ores — Determination of total iron content — Part 4: Potentiometric titration method	TC 153	Valves
TC 107	Metallic and other inorganic coatings	ISO/CD 6002	Bolted bonnet steel gate valves
ISO/CD 23363	Electrodeposited coatings and related finishes — Electroless Ni-P-ceramic composite coatings	TC 156	Corrosion of metals and alloys
TC 110	Industrial trucks	ISO/CD 22848	Test method for measuring stress corrosion crack growth rate of austenitic steels and alloys under constant-load condition in high-temperature water
ISO/CD 21262	Industrial trucks — Safety rules for application, operation and maintenance	ISO/CD 22910	Corrosion of metals and alloys — Measurement of the Electrochemical Critical Localized Corrosion Temperature (E-CLCT) for Stacked Ti Alloys Fabricated by the Additive Manufacturing Method
ISO/CD 10896-1	Rough-terrain trucks — Safety requirements and verification — Part 1: Variable-reach trucks	TC 172	Optics and photonics
ISO/CD 10896-4	Rough-terrain trucks — Safety requirements and verification — Part 4: Additional requirements for variable-reach trucks handling freely suspended loads	ISO/CD 23364	Optics and Photonics — Bulk absorption optical filters
ISO/CD 23676	Rough-terrain trucks — Operator training — Content and methods	ISO/CD 14490-10	Optics and photonics — Test methods for telescopic systems — Part 10: Test methods for axial colour performance
		ISO/CD 8600-5	Endoscopes — Medical endoscopes and endotherapy devices — Part 5: Determination of optical resolution of rigid endoscopes with optics
		ISO/CD 10934	Microscopes — Vocabulary for microscopy
		TC 195	Building construction machinery and equipment

ISO/CD 20500-2	Mobile road construction machinery — Safety — Part 2: Specific requirements for road-milling machines	ISO/CD 22074-6	Railway applications — Infrastructure — Rail fastening systems — Part 6: Test procedure for the effects of environmental conditions
ISO/CD 20500-3	Mobile road construction machinery — Safety — Part 3: Specific requirements for soil-stabilising machines and recycling machines	ISO/CD 22074-7	Railway applications — Infrastructure — Rail fastening systems — Part 7: Test procedure for the determination of clamping force
TC 204	Intelligent transport systems	ISO/CD 22074-8	Railway applications — Infrastructure — Rail fastening systems — Part 8: Test procedure for determination of vertical stiffness
ISO/CD 20684-1	Intelligent transport systems — Roadside modules SNMP data interface — Part 1: Overview	TC 275	Sludge recovery, recycling, treatment and disposal
ISO/CD 20684-2	Intelligent transport systems — Roadside modules SNMP data interface — Part 2: Generalized field devices — Basic management	ISO/CD TR 23260	Sludge recovery, recycling, treatment and disposal — Evaluation of sludge centrifugability
TC 207	Environmental management	ISO/CD TR 23593	Sludge recovery, recycling, treatment and disposal — Protocol for validating methods for physical properties of sludge/biosolids
ISO/CD 14050	Environmental management — Vocabulary	ISO/CD 23594	Sludge recovery, recycling, treatment and disposal — Laboratory chemical conditioning procedure
TC 210	Quality management and corresponding general aspects for medical devices	TC 286	Collaborative business relationship management
ISO/CD 15223-1	Medical devices — Symbols to be used with medical device labels, labelling and information to be supplied — Part 1: General requirements	ISO/DTR 44000	Principles for effective adoption and implementation of ISO 44001
TC 213	Dimensional and geometrical product specifications and verification	TC 299	Robotics
ISO/CD 10360-10	Geometrical product specifications (GPS) — Acceptance and reverification tests for coordinate measuring systems (CMS) — Part 10: Laser trackers for measuring point-to-point distances	ISO/CD 18646-3	Robotics — Performance criteria and related test methods for service robots — Part 3: Manipulation
ISO/CD 10360-13	Geometrical product specifications (GPS) — Acceptance and reverification tests for coordinate measuring systems (CMS) — Part 13: Optical 3D CMS	JTC 1	Information technology
ISO/CD 13385-2	Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 2: Calliper depth gauges; Design and metrological characteristics	ISO/IEC CD 19989-3	Information technology — Security techniques — Criteria and methodology for security evaluation of biometric systems — Part 3: Presentation attack detection
TC 215	Health informatics	ISO/IEC CD 27035-3	Information technology — Security techniques — Information security incident management — Part 3: Guidelines for incident response operations
ISO/DTS 16791	Health informatics — Requirements for international machine-readable coding of medicinal product package identifiers	ISO/IEC CD 15938-16	Information technology — Multimedia content description interface — Part 16: Conformance and reference software for compact descriptors for video analysis
ISO/CD 21393	Health informatics — Omics Markup Language (OML)	ISO/IEC CD 19566-4	Information technology — JPEG systems — Part 4: Privacy, security and IPR features
TC 219	Floor coverings	ISO/IEC CD 21122-4	Information technology — Low-latency lightweight image coding system — Part 4: Conformance testing
ISO/CD 2551	Machine-made textile floor coverings — Determination of dimensional changes due to the effects of varied water and heat conditions	ISO/IEC CD 21794-1	Information technology — Plenoptic image coding system (JPEG PLENO) — Part 1: Framework
ISO/CD 11638	Resilient floor coverings — Heterogeneous poly(vinyl chloride) flooring on foam — Specification	ISO/IEC CD 23092-5	Information technology — Genomic Information Representation — Part 5: Conformance
ISO/CD 12951	Textile floor coverings — Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine	ISO/IEC CD 19763-3	Information technology — Metamodel framework for interoperability (MFI) — Part 3: Metamodel for ontology registration
TC 251	Asset management	ISO/IEC CD 30112	Information technology — Specification methods for cultural conventions
ISO/CD 55011	Guidance on the development of government asset management policy	ISO/IEC CD 30113-60	Information technology — Gesture-based interfaces across devices and methods — Part 60: General guidance on gestures for screen readers
TC 269	Railway applications	ISO/IEC CD 30113-61	Information technology — Gesture-based interfaces across devices and methods — Part 61: Single-point gestures for screen readers
ISO/CD 22074-2	Railway applications — Infrastructure — Rail fastening systems — Part 2: Test procedure for longitudinal restraint	ISO/IEC PDTR 23842-1	Information technology for learning, education, and training — Human factor guidelines for utilization of virtual reality content in LET domain — Part 1: Considerations when using VR content
ISO/CD 22074-3	Railway applications — Infrastructure — Rail fastening systems — Part 3: Test procedure for proof loading of fastening inserts		
ISO/CD 22074-4	Railway applications — Infrastructure — Rail fastening systems — Part 4: Test procedure for repeated loading		
ISO/CD 22074-5	Railway applications — Infrastructure — Rail fastening systems — Part 5: Test procedure for electrical resistance		

ISO/IEC PDTR 23842-2	Information technology for learning, education, and training — Human factor guidelines for utilization of virtual reality content in LET domain — Part 2: Considerations when making VR content	ISO/DIS 24917	Space systems — General test requirements for launch vehicles	2019-02-08
ISO/IEC PDTR 23843	Information technology for learning, education, and training — Catalogue information model for utilization of virtual reality and mixed reality content	ISO/DIS 21384-3	Unmanned aircraft systems — Part 3: Operational procedures	2019-02-13
ISO/IEC PDTR 23844	Information technology for learning, education, and training — Immersive content and technology in LET domain	TC 22	Road vehicles	
ISO/IEC CD 30137-4	Use of biometrics in video surveillance systems — Part 4: Ground truth and video annotation procedure	ISO/DIS 22565	Road vehicles — Durability test method of starter relay for stop and start system	

## DIS circulated

Period from 01 November to 30 November 2018

These documents have obtained substantial support within the appropriate ISO technical committee.

They have been submitted to the ISO member bodies for voting by the date shown.

\* Available in English only

ISO/DIS 21782-6	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 6: Operating load testing of motor and inverter	2019-02-11
ISO/DIS 21755-2	Motorcycles — Measurement method for evaporative emissions — Part 2: Measurement method by using permeation test procedure	2019-01-31
TC 23	Tractors and machinery for agriculture and forestry	
ISO/DIS 11783-9	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 9: Tractor ECU (Revision of ISO 11783-9:2012)	2019-02-18
ISO/DIS 15003	Agricultural engineering — Electrical and electronic equipment — Testing resistance to environmental conditions (Revision of ISO 15003:2006)	2019-02-01
TC 27	Solid mineral fuels	
ISO/DIS 1018	Hard coal — Determination of moisture-holding capacity (Revision of ISO 1018:1975)	2019-02-12
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources	
ISO/DIS 6521-1	Lubricants, industrial oils and related products (Class L) — Family D (compressors) — Part 1: Specifications of categories DAA and DAB (lubricants for reciprocating and drip feed rotary air compressors)	2019-01-25
ISO/DIS 6521-3	Lubricants, industrial oils and related products (Class L) — Family D (compressors) — Part 3: Specifications of categories DRA, DRB, DRC, DRD, DRE, DRF and DRG (lubricants for refrigerating compressors)	2019-01-25
TC 31	Tyres, rims and valves	
ISO/DIS 21634	Rubber flaps for automotive vehicles — Technical requirements and test methods	
TC 34	Food products	
ISO/DIS 3631	Citrus fruits — Guidelines for the storage (Revision of ISO 3631:1978)	2019-02-20

		Vote terminates
IIW	International Institute of Welding	
ISO/DIS 24497-1	Non-destructive testing — Metal magnetic memory — Part 1: Vocabulary and general requirements (Revision of ISO 24497-2:2007, ISO 24497-1:2007)	2019-01-29
ISO/DIS 24497-2	Non-destructive testing — Metal magnetic memory — Part 2: Inspection of welded joints (Revision of ISO 24497-3:2007)	2019-01-29
COPOLCO	Committee on consumer policy	
ISO/IEC DGuide 76	Development of service standards — Recommendations for addressing consumer issues (Revision of ISO/IEC Guide 76:2008)	2019-03-08
TC 17	Steel	
ISO/DIS 4992-1	Steel castings — Ultrasonic testing — Part 1: Steel castings for general purposes (Revision of ISO 4992-1:2006)	
ISO/DIS 4992-2	Steel castings — Ultrasonic testing — Part 2: Steel castings for highly stressed components (Revision of ISO 4992-2:2006)	
TC 20	Aircraft and space vehicles	

ISO 11136:2014/DAmD 1	Sensory analysis — Methodology — General guidance for conducting hedonic tests with consumers in a controlled area — Amendment 1	2019-02-11	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
TC 37 ISO/DIS 26162-1	Language and terminology Management of terminology resources — Terminology databases — Part 1: Design	2019-02-18	ISO/DIS 15590-4	Petroleum and natural gas industries — Bends, fittings and flanges for pipeline transportation systems — Part 4: Factory cold bends	2019-01-29
ISO/DIS 26162-2	(Revision of ISO 26162:2012) Management of terminology resources — Terminology databases — Part 2: Software	2019-02-18	TC 82 ISO 19225:2017/DAmD 1	Mining Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems — Amendment 1	2019-02-13
TC 38 ISO/DIS 3071	Textiles Textiles — Determination of pH of aqueous extract	2019-02-14	TC 98 ISO/DIS 10252	Bases for design of structures Bases for design of structures — Accidental actions	2019-02-15
ISO/DIS 21701	(Revision of ISO 3071:2005) Textiles --Test method for accelerated hydrolysis of textile materials and biodegradation under controlled composting conditions of the resulting hydrolysate	2019-02-19	TC 108 ISO/DIS 14830-1	Mechanical vibration, shock and condition monitoring Condition monitoring and diagnostics of machine systems — Tribology-based monitoring and diagnostics — Part 1: General guidelines	2019-01-31
TC 43 ISO/DIS 21388	Acoustics Hearing aid fitting management (HAFM)	2019-01-29	TC 112 ISO/DIS 3529-2	Vacuum technology Vacuum technology — Vocabulary — Part 2: Vacuum pumps and related terms (Revision of ISO 3529-2:1981)	
ISO/DIS 20270	Acoustics — Characterization of sources of structure-borne sound and vibration — Indirect measurement of blocked forces	2019-01-28	TC 126 ISO/DIS 22947	Tobacco and tobacco products Cigarettes — Determination of carbon monoxide in the vapour phase of cigarette smoke under intense smoking conditions — NDIR method	2019-02-05
TC 44 ISO/DIS 10863	Welding and allied processes Non-destructive testing of welds — Ultrasonic testing — Use of time-of-flight diffraction technique (TOFD) (Revision of ISO 10863:2011)	2019-02-13	TC 127 ISO/DIS 17757	Earth-moving machinery Earth-moving machinery and mining — Autonomous and semi-autonomous machine system safety (Revision of ISO 17757:2017)	2019-01-31
TC 58 ISO/DIS 11117	Gas cylinders Gas cylinders — Valve protection caps, guards and shrouds — Design, construction and tests	2019-02-08	TC 138 ISO/DIS 7685	Plastics pipes, fittings and valves for the transport of fluids Glass-reinforced thermosetting plastics (GRP) pipes — Determination of initial ring stiffness	2019-02-14
ISO/DIS 10961	(Revision of ISO 11117:2008, ISO 11117:2008/Cor 1:2009) Gas cylinders — Cylinder bundles — Design, manufacture, testing and inspection	2019-02-08		(Revision of ISO 7685:1998)	
TC 61 ISO/DIS 294-3	Plastics Plastics — Injection moulding of test specimens of thermoplastic materials — Part 3: Small plates	2019-01-31	TC 147 ISO/DIS 21675	Water quality Water quality — Determination of polyfluorinated alkyl substances (PFAS) in water — Method using solid phase extraction and liquid chromatography-tandem mass spectrometry (LC-MS/MS)	2019-02-05
ISO/DIS 20028-1	(Revision of ISO 294-3:2002, ISO 294-3:2002/Amd 1:2006) Plastics — Thermoplastic polyester (TP) moulding and extrusion materials — Part 1: Designation system and basis for specifications (Revision of ISO 20028-1:2017)	2019-02-18	TC 156 ISO/DIS 11844-1	Corrosion of metals and alloys Corrosion of metals and alloys — Classification of low corrosivity of indoor atmospheres — Part 1: Determination and estimation of indoor corrosivity	2019-02-04



ISO/DIS 11844-2	(Revision of ISO 11844-1:2006) Corrosion of metals and alloys — Classification of low corrosivity of indoor atmospheres — Part 2: Determination of corrosion attack in indoor atmospheres (Revision of ISO 11844-2:2005)	2019-02-04	ISO/DIS 27447	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for antibacterial activity of semiconducting photocatalytic materials (Revision of ISO 27447:2009)	2019-01-28
ISO/DIS 11844-3	Corrosion of metals and alloys — Classification of low corrosivity of indoor atmospheres — Part 3: Measurement of environmental parameters affecting indoor corrosivity (Revision of ISO 11844-3:2006)	2019-02-04	TC 217 ISO/DIS 21322	Cosmetics Microbiology — Microbiological testing of impregnated or coated products - wipes and masks	2019-02-05
ISO/DIS 21062	Corrosion of metals and alloys --Determination of corrosion rates of the embedded steel reinforcement in concrete exposed to the simulated marine environments	2019-02-05	TC 220 ISO/DIS 21014	Cryogenic vessels Cryogenic vessels — Cryogenic insulation performance	2019-01-28
ISO/DIS 22426	Assessment of the effectiveness of cathodic protection based on coupon measurements	2019-02-05	ISO 21029-1:2018/DAmD 1	(Revision of ISO 21014:2006) Cryogenic vessels — Transportable vacuum insulated vessels of not more than 1 000 litres volume — Part 1: Design, fabrication, inspection and tests — Amendment 1	2019-02-08
TC 172 ISO/DIS 11551	Optics and photonics Optics and photonics — Lasers and laser-related equipment — Test method for absorbance of optical laser components (Revision of ISO 11551:2003)	2019-02-05	TC 221 ISO/DIS 12960	Geosynthetics Geotextiles and geotextile-related products — Screening test method for determining the resistance to acid and alkaline liquids (Revision of ISO/TR 12960:1998)	2019-01-29
TC 182 ISO/DIS 22475-1	Geotechnics Geotechnical investigation and testing — Sampling of soil, rock and groundwater — Part 1: Technical principles (Revision of ISO 22475-1:2006)		TC 229 ISO/DIS 20814	Nanotechnologies Nanotechnologies — Testing of the photocatalytic activity of nanoparticles for NADH oxidation	2019-02-05
TC 184 ISO/DIS 15926-10	Automation systems and integration Industrial automation systems and integration — Integration of life cycle data for process plants including oil and gas production facilities — Part 10: Conformance testing	2019-01-31	TC 249 ISO/DIS 18615	Traditional Chinese medicine Traditional Chinese medicine — General requirements of electric radial pulse tonometric device	2019-01-29
TC 188 ISO/DIS 25197	Small craft Small craft — Electrical/electronic control system for steering, shift and throttle  (Revision of ISO 25197:2012, ISO 25197:2012/Amd 1:2014)	2019-01-29	TC 264 ISO/DIS 22863-1  ISO/DIS 22863-2	Fireworks Fireworks — Test methods for determination of specific chemical substances — Part 1: General  Fireworks — Test method of prohibited chemical components for fireworks — Part 2: Hexachlorobenzene by gas chromatography	2019-02-13  2019-02-13
TC 194 ISO/DIS 22442-2	Biological and clinical evaluation of medical devices Medical devices utilizing animal tissues and their derivatives — Part 2: Controls on sourcing, collection and handling (Revision of ISO 22442-2:2015)	2019-02-14	ISO/DIS 22863-3	Fireworks — Test methods for determination of specific chemical substances — Part 3: Lead and lead compounds by atomic absorption	2019-02-13
TC 201 ISO/DIS 20579-3	Surface chemical analysis Surface chemical analysis — Sample handling, preparation and mounting — Part 3: Biomaterials	2019-01-28	TC 268 ISO/DIS 37123	Sustainable cities and communities Sustainable cities and communities — Indicators for resilient cities	2019-02-21
TC 202 ISO/DIS 21466	Microbeam analysis Microbeam analysis — Scanning electron microscopy — Method for evaluating critical dimensions by CD-SEM		TC 269 ISO/DIS 20138-2	Railway applications Railway applications — Calculation of braking performance (stopping, slowing and stationary braking) — Part 2: General algorithms utilizing step by step calculation	2019-02-11
TC 206	Fine ceramics		TC 276	Biotechnology	

ISO/DIS 20391-2	Biotechnology — Cell Counting — Part 2: Experimental design and statistical analysis to quantify counting method performance	2019-02-07
TMBG	Technical Management Board - groups	
ISO/IEC DGuide 59	Recommended practices for standardization by national bodies of ISO and IEC  (Revision of ISO/IEC Guide 59:1994)	2019-03-15
JTC 1	Information technology	
ISO/IEC DIS 19516	Information technology — Object management group — Interface definition language (IDL) 4.2	2019-02-21
ISO/IEC DIS 23681	Information technology — Self-contained Information Retention Format (SIRF) Specification	2019-02-08
ISO/IEC DIS 23736-1	Information technology — Digital publishing — EPUB 3.0.1 — Part 1: Overview	2019-02-21
ISO/IEC DIS 23736-2	Information technology — Digital publishing — EPUB 3.0.1 — Part 2: Publications	2019-02-21
ISO/IEC DIS 23736-3	Information technology — Digital publishing — EPUB 3.0.1 — Part 3: Content documents	2019-02-21
ISO/IEC DIS 23736-4	Information technology — Digital publishing — EPUB 3.0.1 — Part 4: Open container format	2019-02-21
ISO/IEC DIS 23736-5	Information technology — Digital publishing — EPUB 3.0.1 — Part 5: Media overlay	2019-02-21
ISO/IEC DIS 23736-6	Information technology — Digital publishing — EPUB 3.0.1 — Part 6: Canonical fragment identifier	2019-02-21
ISO/IEC DIS 7816-8	Identification cards — Integrated circuit cards — Part 8: Commands and mechanisms for security operations (Revision of ISO/IEC 7816-8:2016)	2019-01-30
ISO/IEC 29192-2:2012/ DAmD 2	Information technology — Security techniques — Lightweight cryptography — Part 2: Block ciphers — Amendment 2: LEA	2019-02-11
ISO/IEC DIS 30113-12	Information technology — User interfaces — Gesture-based interfaces across devices and methods — Part 12: Multi-point gestures for common system actions	2019-01-29
ISO/IEC DIS 22602	Information technology — Learning, education and training — Competency models expressed in MLR	2019-01-28

## FDIS circulated

Period from 01 November to 30 November 2018

These Final draft International Standards have been submitted to the ISO member bodies for formal approval by the date shown

\* Available in English only

TC 6	Paper, board and pulps		Vote terminates
ISO/FDIS 12625-11	Tissue paper and tissue products — Part 11: Determination of wet ball burst strength  (Revision of ISO 12625-11:2012)	2019-02-19	
TC 8	Ships and marine technology		
ISO/FDIS 799-1	Ships and marine technology — Pilot ladders — Part 1: Design and specification  (Revision of ISO 799:2004)	2019-01-14	
TC 10	Technical product documentation		
ISO/FDIS 20318-1	Mechanical pencils and leads for general use — Classification, dimensions, quality and test methods — Part 1: Mechanical pencils	2018-12-31	
ISO/FDIS 20318-2	Mechanical pencils and leads for general use — Classification, dimensions, quality and test methods — Part 2: Black leads	2018-12-31	
ISO/FDIS 8560	Technical drawings — Construction drawings — Representation of modular sizes, lines and grids  (Revision of ISO 8560:1986)	2019-02-21	
TC 22	Road vehicles		
ISO/FDIS 20080	Road vehicles — Information for remote diagnostic support — General requirements, definitions and use cases	2019-01-22	
ISO/FDIS 22241-1	Diesel engines — NOx reduction agent AUS 32 — Part 1: Quality requirements  (Revision of ISO 22241-1:2006)	2019-01-04	
ISO/FDIS 22241-2	Diesel engines — NOx reduction agent AUS 32 — Part 2: Test methods  (Revision of ISO 22241-2:2006, ISO 22241-2:2006/Cor 1:2008)	2019-01-04	
TC 23	Tractors and machinery for agriculture and forestry		
ISO/FDIS 8437-1.2	Snow throwers — Safety requirements and test procedures — Part 1: Terminology and common tests	2018-12-28	



ISO/FDIS 8437-2.2	(Revision of ISO 8437:1989, ISO 8437:1989/Amd 1:1997) Snow throwers — Safety requirements and test procedures — Part 2: Pedestrian-controlled snow throwers (Revision of ISO 8437:1989, ISO 8437:1989/Amd 1:1997)	2018-12-28	ISO/FDIS 13588	Non-destructive testing of welds — Ultrasonic testing — Use of automated phased array technology (Revision of ISO 13588:2012)	
ISO/FDIS 8437-3.2	Snow throwers — Safety requirements and test procedures — Part 3: Ride-on snow throwers (Revision of ISO 8437:1989, ISO 8437:1989/Amd 1:1997)	2018-12-28	ISO/FDIS 14731	Welding coordination — Tasks and responsibilities (Revision of ISO 14731:2006)	
ISO/FDIS 8437-4.2	Snow throwers — Safety requirements and test procedures — Part 4: Additional national and regional requirements (Revision of ISO 8437:1989, ISO 8437:1989/Amd 1:1997)	2018-12-28	TC 58 ISO/FDIS 17519.2	Gas cylinders Gas cylinders — Refillable permanently mounted composite tubes for transportation	2019-01-22
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources		TC 61 ISO/FDIS 3451-1	Plastics Plastics — Determination of ash — Part 1: General methods (Revision of ISO 3451-1:2008)	
ISO 8068:2006/FDAmD 1	Lubricants, industrial oils and related products (class L) — Family T (Turbines) — Specification for lubricating oils for turbines — Amendment 1: Filterability tests according to ISO 13357-1 and ISO 13357-2 — Requirements related to the stage of the test method	2019-01-22	ISO/FDIS 11359-3	Plastics — Thermomechanical analysis (TMA) — Part 3: Determination of penetration temperature (Revision of ISO 11359-3:2002)	2019-01-16
TC 34	Food products		ISO/FDIS 15023-2	Plastics — Poly(vinyl alcohol) (PVAL) materials — Part 2: Determination of properties (Revision of ISO 15023-2:2003)	2018-12-31
ISO/FDIS 22117	Microbiology of the food chain — Specific requirements and guidance for proficiency testing by interlaboratory comparison (Revision of ISO/TS 22117:2010)	2019-01-18	ISO/FDIS 21301-1	Plastics — Ethylene-vinyl acetate (EVAC) moulding and extrusion materials — Part 1: Designation system and basis for specifications (Revision of ISO 4613-1:1993)	2019-01-09
TC 35	Paints and varnishes		ISO/FDIS 21301-2	Plastics — Ethylene/vinyl acetate (EVAC) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties (Revision of ISO 4613-2:1995, ISO 4613-2:1995/Amd 1:2004)	2019-01-09
ISO/FDIS 21546	Paints and varnishes — Determination of the resistance to rubbing using a linear abrasion tester (crockmeter)	2019-01-18	ISO/FDIS 21309-1	Plastics — Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials — Part 1: Designation system and basis for specifications (Revision of ISO 14663-1:1999)	2019-01-01
TC 38	Textiles		ISO/FDIS 21309-2	Plastics — Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties (Revision of ISO 14663-2:1999)	2019-01-01
ISO/FDIS 20921	Textiles — Determination of stable nitrogen isotope ratio in cotton fibres	2018-12-31			
ISO/FDIS 21084	Textiles — Method for determination of alkylphenols (AP)	2018-12-31			
TC 39	Machine tools		TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
ISO/FDIS 2772	Test conditions for box type vertical drilling machines — Testing of the accuracy (Revision of ISO 2772-1:1973, ISO 2772-2:1974)	2019-01-17	ISO/FDIS 19345-1	Petroleum and natural gas industry — Pipeline transportation systems — Pipeline integrity management specification — Part 1: Full-life cycle integrity management for onshore pipeline	2019-01-03
TC 43	Acoustics		ISO/FDIS 19345-2	Petroleum and natural gas industry — Pipeline transportation systems — Pipeline integrity management specification — Part 2: Full-life cycle integrity management for offshore pipeline	2019-01-08
ISO/FDIS 3740	Acoustics — Determination of sound power levels of noise sources — Guidelines for the use of basic standards (Revision of ISO 3740:2000)	2018-12-31			
TC 44	Welding and allied processes				

ISO/FDIS 16812	Petroleum, petrochemical and natural gas industries — Shell-and-tube heat exchangers (Revision of ISO 16812:2007)		ISO/FDIS 22568-2	Foot and leg protectors — Requirements and test methods for footwear component assessment — Part 2: Non-metallic toecaps	2019-01-24
TC 85	Nuclear energy, nuclear technologies, and radiological protection		ISO/FDIS 22568-3	Foot and leg protectors — Requirements and test methods for footwear components assessment — Part 3: Metallic anti-perforation insert	2019-01-24
ISO/FDIS 11929-1	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 1: Elementary applications (Revision of ISO 11929:2010)	2019-01-07	ISO/FDIS 22568-4	Foot and leg protectors — Requirements and test methods for footwear components assessment — Part 4: Non-metallic perforation resistant insert	2019-01-24
ISO/FDIS 11929-2	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 2: Advanced applications (Revision of ISO 11929:2010)	2019-01-07	TC 106 ISO/FDIS 9873	Dentistry Dentistry — Intra-oral mirrors	2019-02-19
ISO/FDIS 11929-3	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 3: Applications to unfolding methods (Revision of ISO 11929:2010)	2019-01-07	TC 108	Mechanical vibration, shock and condition monitoring	
ISO/FDIS 8299	Nuclear fuel technology — Determination of the isotopic and elemental uranium and plutonium concentrations of nuclear materials in nitric acid solutions by thermal-ionization mass spectrometry (Revision of ISO 8299:2005)	2019-01-02	ISO/FDIS 21940-1	Mechanical vibration — Rotor balancing — Part 1: Introduction	2019-01-24
ISO/FDIS 9161	Uranium dioxide powder — Determination of apparent density and tap density	2019-01-04	TC 117	Fans	
ISO/FDIS 9463	Nuclear energy — Nuclear fuel technology — Determination of plutonium in nitric acid solutions by spectrophotometry (Revision of ISO 9463:2009)	2018-12-28	ISO/FDIS 12759-3	Fans — Efficiency classification for fans — Part 3: Fans without drives at maximum operating speed	2019-01-17
ISO/FDIS 10979	Identification of fuel assemblies for nuclear power reactors	2018-12-28	TC 118	Compressors and pneumatic tools, machines and equipment	
ISO/FDIS 18195	Method for the justification of fire partitioning in water cooled nuclear power plants (NPP)	2019-01-09	ISO/FDIS 8573-4	Compressed air — Contaminant measurement — Part 4: Particle content	2019-01-03
TC 92	Fire safety		TC 131	Fluid power systems	
ISO/FDIS 24678-7	Fire safety engineering — Requirements governing algebraic formulae — Part 7: Radiation heat flux received from an open pool fire (Revision of ISO/WD 29763)	2019-01-16	ISO/FDIS 20145	Pneumatic fluid power — Test methods for measuring acoustic emission pressure levels of exhaust silencers	
TC 94	Personal safety -- Personal protective equipment		TC 136	Furniture	
ISO/FDIS 22568-1	Foot and leg protectors — Requirements and test methods for footwear components assessment — Part 1: Metallic toecaps	2019-01-24	ISO/FDIS 7171	Furniture — Storage units — Test methods for the determination of stability	2019-01-13
				(Revision of ISO 7171:1988)	
			TC 147	Water quality	
			ISO/FDIS 12010	Water quality — Determination of short-chain polychlorinated alkanes (SCCP) in water — Method using gas chromatography-mass spectrometry (GC-MS) and negative-ion chemical ionization (NCI)	2019-01-17
			ISO/FDIS 10704	Water quality — Gross alpha and gross beta activity — Test method using thin source deposit	2019-01-15
				(Revision of ISO 10704:2009)	

TC 150	Implants for surgery		ISO/FDIS 17892-11	Geotechnical investigation and testing — Laboratory testing of soil — Part 11: Permeability tests	2018-12-28
ISO/FDIS 5832-9	Implants for surgery — Metallic materials — Part 9: Wrought high nitrogen stainless steel	2019-01-09		(Revision of ISO/TS 17892-11:2004, ISO/TS 17892-11:2004/Cor 1:2006)	
ISO/FDIS 5832-12	Implants for surgery — Metallic materials — Part 12: Wrought cobalt-chromium-molybdenum alloy	2019-01-09	TC 188	Small craft	
	(Revision of ISO 5832-9:2007)		ISO/FDIS 12215-5	Small craft — Hull construction and scantlings — Part 5: Design pressures for monohulls, design stresses, scantlings determination	2019-01-15
ISO/FDIS 5832-14	Implants for surgery — Metallic materials — Part 14: Wrought titanium 15-molybdenum 5-zirconium 3-aluminium alloy	2019-01-09		(Revision of ISO 12215-5:2008, ISO 12215-5:2008/Amd 1:2014)	
	(Revision of ISO 5832-14:2007)		TC 189	Ceramic tile	
ISO/FDIS 5834-1	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 1: Powder form	2019-01-10	ISO/FDIS 10545-4	Ceramic tiles — Part 4: Determination of modulus of rupture and breaking strength	2019-01-14
	(Revision of ISO 5834-1:2005, ISO 5834-1:2005/Cor 1:2007)			(Revision of ISO 10545-4:2014)	
ISO/FDIS 5834-2	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 2: Moulded forms	2019-01-10	TC 190	Soil quality	
	(Revision of ISO 5834-2:2011)		ISO/FDIS 23753-1	Soil quality — Determination of dehydrogenase activity in soils — Part 1: Method using triphenyltetrazolium chloride (TTC)	2019-01-04
ISO/FDIS 5834-3	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 3: Accelerated ageing methods	2019-01-10		(Revision of ISO 23753-1:2005)	
	(Revision of ISO 5834-3:2005)		ISO/FDIS 23753-2	Soil quality — Determination of dehydrogenase activity in soils — Part 2: Method using iodotetrazolium chloride (INT)	2019-01-04
ISO/FDIS 5834-4	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 4: Oxidation index measurement method	2019-01-10		(Revision of ISO 23753-2:2005)	
	(Revision of ISO 5834-4:2005)		TC 198	Sterilization of health care products	
ISO/FDIS 5834-5	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 5: Morphology assessment method	2019-01-10	ISO/FDIS 11138-7	Sterilization of health care products — Biological indicators — Part 7: Guidance for the selection, use and interpretation of results	2019-01-04
	(Revision of ISO 5834-5:2005)			(Revision of ISO 14161:2009)	
ISO/FDIS 6474-1	Implants for surgery — Ceramic materials — Part 1: Ceramic materials based on high purity alumina	2019-01-19	TC 206	Fine ceramics	
	(Revision of ISO 6474-1:2010)		ISO/FDIS 21618	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for fracture resistance of monolithic ceramics at room temperature by indentation fracture (IF) method	2019-01-24
ISO/FDIS 6474-2	Implants for surgery — Ceramic materials — Part 2: Composite materials based on a high-purity alumina matrix with zirconia reinforcement	2019-01-19	TC 210	Quality management and corresponding general aspects for medical devices	
	(Revision of ISO 6474-2:2012)		ISO 80369-3:2016/FDAmD 1	Small-bore connectors for liquids and gases in healthcare applications — Part 3: Connectors for enteral applications — Amendment 1	2019-01-14
ISO/FDIS 13782	Implants for surgery — Metallic materials — Unalloyed tantalum for surgical implant applications	2019-01-07			
	(Revision of ISO 13782:1996)		TC 212	Clinical laboratory testing and in vitro diagnostic test systems	
TC 159	Ergonomics		ISO/FDIS 20186-1	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for venous whole blood — Part 1: Isolated cellular RNA	2019-01-02
ISO/FDIS 27501	The human-centred organization — Guidance for managers	2019-01-14			
TC 165	Timber structures		ISO/FDIS 20186-2	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for venous whole blood — Part 2: Isolated genomic DNA	2019-01-02
ISO/FDIS 16696-1	Timber structures — Cross laminated timber — Part 1: Component performance, production requirements and certification scheme	2019-01-07			
TC 182	Geotechnics				

TC 213	Dimensional and geometrical product specifications and verification		ISO/IEC FDIS 14492	Information technology — Lossy/lossless coding of bi-level images	2019-01-21
ISO/FDIS 20170	Geometrical product specifications (GPS) — Decomposition of geometrical characteristics for manufacturing control	2019-01-18		(Revision of ISO/IEC 14492:2001, ISO/IEC 14492:2001/Amd 1:2004, ISO/IEC 14492:2001/Amd 2:2003, ISO/IEC 14492:2001/Amd 3:2012, ISO/IEC 14492:2001/DAmd 4)	
ISO/FDIS 25178-600	Geometrical product specifications (GPS) — Surface texture: Areal — Part 600: Metrological characteristics for areal-topography measuring methods	2019-01-14	ISO/IEC FDIS 14496-22	Information technology — Coding of audio-visual objects — Part 22: Open Font Format	2019-01-07
ISO/FDIS 25178-607	Geometrical product specifications (GPS) — Surface texture: Areal — Part 607: Nominal characteristics of non-contact (confocal microscopy) instruments	2019-01-14		(Revision of ISO/IEC 14496-22:2015, ISO/IEC 14496-22:2015/Amd 1:2017, ISO/IEC 14496-22:2015/Amd 2:2017)	
TC 216	Footwear		ISO/IEC FDIS 14496-33	Information technology — Coding of audio-visual objects — Part 33: Internet video coding	2019-01-21
ISO/FDIS 20535	Footwear — Test method for insoles and insoles — Dimensional change after cycle of wetting and drying	2019-01-18			
TC 249	Traditional Chinese medicine		ISO/IEC FDIS 23005-5	Information technology — Media context and control — Part 5: Data formats for interaction devices	2019-01-18
ISO/FDIS 21317	Traditional Chinese medicine — <i>Lonicera japonica</i> flower	2019-01-23		(Revision of ISO/IEC 23005-5:2016)	
TC 256	Pigments, dyestuffs and extenders		ISO/IEC FDIS 15961-2.2	Information technology — Radio frequency identification (RFID) for item management: Data protocol — Part 2: Registration of RFID data constructs	2018-12-28
ISO/FDIS 787-25	General methods of test for pigments and extenders — Part 25: Comparison of the colour, in full-shade systems, of white, black and coloured pigments — Colorimetric method (Revision of ISO 787-25:1993)	2019-01-14		(Revision of ISO/IEC 15961:2004)	
TC 279	Innovation management		ISO/IEC FDIS 15961-3.2	Information technology — Radio frequency identification (RFID) for item management: Data protocol — Part 3: RFID data constructs	2018-12-28
ISO/FDIS 56003	Innovation management — Tools and methods for innovation partnership — Guidance	2018-12-31		(Revision of ISO/IEC 15961:2004)	
IULTCS	International Union of Leather Technologists and Chemists Societies				
ISO/FDIS 17072-1	Leather — Chemical determination of metal content — Part 1: Extractable metals	2019-01-09			
	(Revision of ISO 17072-1:2011)				
ISO/FDIS 17072-2	Leather — Chemical determination of metal content — Part 2: Total metal content	2019-01-09			
	(Revision of ISO 17072-2:2011)				
JTC 1	Information technology				
ISO/IEC/IEEE FDIS 15026-1	Systems and software engineering — Systems and software assurance — Part 1: Concepts and vocabulary				
	(Revision of ISO/IEC 15026-1:2013)				
ISO/IEC FDIS 18520	Information technology — Computer graphics, image processing and environmental data representation — Benchmarking of vision-based spatial registration and tracking methods for mixed and augmented reality (MAR)	2019-01-05	IIW	International Institute of Welding	Price group
			ISO 18785-1:2018	en fr Friction stir spot welding — Aluminium — Part 1: Vocabulary	A

## Standards published

New International Standards published between 01 November and 30 November 2018

<sup>1</sup> delayed publication of language version

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

ISO 18785-2:2018	en fr	Friction stir spot welding — Aluminium — Part 2: Design of weld joints	A	ISO/TR 21959-1:2018	en	Road vehicles — Human performance and state in the context of automated driving — Part 1: Common underlying concepts	D
ISO 18785-3:2018	en fr	Friction stir spot welding — Aluminium — Part 3: Qualification of welding personnel	B	ISO/TR 21974-1:2018	en	Naturalistic driving studies — Vocabulary — Part 1: Safety critical events	A
ISO 18785-4:2018	en fr	Friction stir spot welding — Aluminium — Part 4: Specification and qualification of welding procedures	B	ISO 19825:2018	en	Road vehicles — Liquefied petroleum gas (LPG) refuelling connector	D
ISO 18785-5:2018	en fr	Friction stir spot welding — Aluminium — Part 5: Quality and inspection requirements	B	ISO 20766-1:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 1: General requirements and definitions	B
PC 294 ISO 21041:2018	en	Guidance on unit pricing	C	ISO 20766-2:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 2: Performance and general test methods	B
TC 17 ISO 20915:2018	en	Steel Life cycle inventory calculation methodology for steel products	E	ISO 20766-3:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 3: 80% stop valve	A
ISO 16172:2018	en	Steel sheet, metallic-coated by the continuous hot-dip process for corrugated steel pipe	B	ISO 20766-4:2018	en	Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 4: Level indicator	A
TC 20 ISO 20949:2018	en	Aircraft and space vehicles Aircraft — Smart contactor — General requirements	D	TC 23		Tractors and machinery for agriculture and forestry	
TC 21 ISO 21927-2:2018	en	Equipment for fire protection and fire fighting Smoke and heat control systems — Part 2: Specifications for natural smoke and heat exhaust ventilators	G	ISO 4254-16:2018	en fr	Agricultural machinery — Safety — Part 16: Portable agricultural grain augers	C
ISO 21927-5:2018	en	Smoke and heat control systems — Part 5: Powered smoke exhaust systems — Requirements and design	C	ISO 18497:2018	en fr	Agricultural machinery and tractors — Safety of highly automated agricultural machines — Principles for design	C
TC 22 ISO 16750-1:2018	en	Road vehicles Road vehicles — Environmental conditions and testing for electrical and electronic equipment — Part 1: General	C	ISO 8759-1:2018	en fr	Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO	A
ISO 19206-1:2018	en	Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 1: Requirements for passenger vehicle rear-end targets	D	ISO 8759-3:2018	en fr	Agricultural tractors — Front-mounted equipment — Part 3: Power take-off: General specifications and location	A
ISO 19206-2:2018	en	Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 2: Requirements for pedestrian targets	E	ISO 8759-4:2018	en fr	Agricultural tractors — Front-mounted equipment — Part 4: Three-point linkage	A
ISO 17949:2013/ Amd 2:2018	en	Impact test procedures for road vehicles — Seating and positioning procedures for anthropomorphic test devices — Procedure for the WorldSID 50th percentile male side-impact dummy in front outboard seating positions — Amendment 2	XZ	ISO 11783-3:2018	en fr	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 3: Data link layer	G
				TC 24		Particle characterization including sieving	
				ISO 3310-2:2013	fr <sup>1</sup>	Test sieves — Technical requirements and testing — Part 2: Test sieves of perforated metal plate	B
				TC 27		Solid mineral fuels	
				ISO 11760:2018	en	Classification of coals	B
				ISO 12900:2018	en	Hard coal — Determination of abrasiveness	B



TC 28		Petroleum and related products, fuels and lubricants from natural or synthetic sources		ISO 20932-1:2018	en	Textiles — Determination of the elasticity of fabrics — Part 1: Strip tests	C
ISO 17197:2014	fr <sup>1</sup>	Dimethyl ether (DME) for fuels — Determination of water content — Karl Fischer titration method	B	ISO 20932-2:2018	en	Textiles — Determination of the elasticity of fabrics — Part 2: Multiaxial tests	C
TC 29		Small tools		ISO 20932-3:2018	en	Textiles — Determination of the elasticity of fabrics — Part 3: Narrow fabrics	C
ISO/TS 13399-403:2018	en	Cutting tool data representation and exchange — Part 403: Creation and exchange of 3D models — Modelling of driven tool units	E	TC 39		Machine tools	
TC 31		Tyres, rims and valves		ISO 19085-10:2018	en <sup>2</sup> fr <sup>2</sup>	Woodworking machines — Safety — Part 10: Building site saws (contractor saws)	E
ISO 28580:2018	fr <sup>1</sup>	Passenger car, truck and bus tyre rolling resistance measurement method — Single point test and correlation of measurement results	E	TC 41		Pulleys and belts (including veebelts)	
TC 34		Food products		ISO 5289:2018	en fr	Agricultural machinery — Endless hexagonal belts and groove sections of corresponding pulleys	B
ISO 15151:2018	en	Milk, milk products, infant formula and adult nutritionals — Determination of minerals and trace elements — Inductively coupled plasma atomic emission spectrometry (ICP-AES) method	D	ISO 21183-2:2018	en fr	Light conveyor belts — Part 2: List of equivalent terms	C
ISO 21424:2018	en	Milk, milk products, infant formula and adult nutritionals — Determination of minerals and trace elements — Inductively coupled plasma mass spectrometry (ICP-MS) method	E	TC 42		Photography	
ISO 22000:2018	es es <sup>2</sup>	Food safety management systems — Requirements for any organization in the food chain	F	ISO 18948:2018	en	Imaging materials — Photo books — Test methods for permanence and durability	E
TC 35		Paints and varnishes		TC 43		Acoustics	
ISO 150:2018	en fr	Raw, refined and boiled linseed oil for paints and varnishes — Specifications and methods of test	B	ISO 7779:2018	en fr	Acoustics — Measurement of airborne noise emitted by information technology and telecommunications equipment	G
ISO 3681:2018	en fr	Binders for paints and varnishes — Determination of saponification value — Titrimetric method	B	ISO 17201-1:2018	en fr	Acoustics — Noise from shooting ranges — Part 1: Determination of muzzle blast by measurement	F
ISO 4619:2018	en fr	Driers for paints and varnishes	D	ISO 9053-1:2018	en fr	Acoustics — Determination of airflow resistance — Part 1: Static airflow method	B
ISO 2812-2:2018	en fr	Paints and varnishes — Determination of resistance to liquids — Part 2: Water immersion method	A	ISO 20189:2018	en	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound reduction of elements based on laboratory measurements	E
ISO 11126-8:2018	en <sup>2</sup>	Preparation of steel substrates before application of paints and related products — Specifications for non-metallic blast-cleaning abrasives — Part 8: Olivine	A	TC 46		Information and documentation	
TC 38		Textiles		ISO/TR 21946:2018	en	Information and documentation — Appraisal for managing records	C
ISO 1833-20:2018	en fr	Textiles — Quantitative chemical analysis — Part 20: Mixtures of elastane with certain other fibres (method using dimethylacetamide)	A	TC 58		Gas cylinders	
ISO 10325:2018	fr <sup>1</sup>	Fibre ropes — High modulus polyethylene — 8-strand braided ropes, 12-strand braided ropes and covered ropes	A	ISO 21172-1:2015/Amd 1:2018	en fr	Gas cylinders — Welded steel pressure drums up to 3 000 litres capacity for the transport of gases — Design and construction — Part 1: Capacities up to 1 000 litres — Amendment 1	XZ
ISO 18692-1:2018	en fr	Fibre ropes for offshore stationkeeping — Part 1: General specification	F	TC 59		Buildings and civil engineering works	
				ISO 16739-1:2018	en	Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries — Part 1: Data schema	H
				TC 61		Plastics	



ISO/TR 18486:2018	en	Plastics — Parameters comparing the spectral irradiance of a laboratory light source for weathering applications to a reference solar spectral irradiance	B	ISO 18315:2018	en	Nuclear energy — Guidance to the evaluation of measurement uncertainties of impurity in uranium solution by linear regression analysis	C
ISO 4612:2018	en fr	Plastics — Preparation of PVC pastes for test purposes — Planetary-mixer method	A	TC 92		Fire safety	
ISO 527-3:2018	en fr	Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets	B	ISO/TS 19021:2018	fr <sup>1</sup>	Test method for determination of gas concentrations in ISO 5659-2 using Fourier transform infrared spectroscopy	D
ISO 11502:2018	en fr	Plastics — Film and sheeting — Determination of blocking resistance	B	ISO 21925-1:2018	en	Fire resistance tests — Fire dampers for air distribution systems — Part 1: Mechanical dampers	F
ISO 20337:2018	en	Fibre-reinforced plastic composites — Shear test method using a shear frame for the determination of the in-plane shear stress/shear strain response and shear modulus	B	TC 94		Personal safety -- Personal protective equipment	
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		ISO 18639-4:2018	en	PPE ensembles for firefighters undertaking specific rescue activities — Part 4: Gloves	D
ISO 19277:2018	en	Petroleum, petrochemical and natural gas industries — Qualification testing and acceptance criteria for protective coating systems under insulation	E	ISO 18640-2:2018	fr <sup>1</sup>	Protective clothing for firefighters — Physiological impact — Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters	C
ISO 20088-3:2018	en	Determination of the resistance to cryogenic spillage of insulation materials — Part 3: Jet release	D	TC 96		Cranes	
TC 71		Concrete, reinforced concrete and pre-stressed concrete		ISO 20332:2016	en <sup>2</sup> fr <sup>2</sup>	Cranes — Proof of competence of steel structures	H
ISO 21022:2018	en	Test method for fibre-reinforced cementitious composites — Load-deflection curve using circular plates	C	TC 104		Freight containers	
TC 79		Light metals and their alloys		ISO 1496-2:2018	en	Series 1 freight containers — Specification and testing — Part 2: Thermal containers	F
ISO 3211:2018	en fr	Anodizing of aluminium and its alloys — Assessment of resistance of anodic oxidation coatings to cracking by deformation	A	ISO 1496-5:2018	en	Series 1 freight containers — Specification and testing — Part 5: Platform and platform-based containers	E
ISO 8994:2018	en fr	Anodizing of aluminium and its alloys — Rating system for the evaluation of pitting corrosion — Grid method	A	TC 106		Dentistry	
TC 82		Mining		ISO 7405:2018	en <sup>2</sup>	Dentistry — Evaluation of biocompatibility of medical devices used in dentistry	F
ISO 19296:2018	en fr	Mining — Mobile machines working underground — Machine safety	F	TC 107		Metallic and other inorganic coatings	
TC 84		Devices for administration of medicinal products and catheters		ISO 6158:2018	en	Metallic and other inorganic coatings — Electrodeposited coatings of chromium for engineering purposes	C
ISO 7886-4:2018	en fr	Sterile hypodermic syringes for single use — Part 4: Syringes with re-use prevention feature	B	TC 108		Mechanical vibration, shock and condition monitoring	
TC 85		Nuclear energy, nuclear technologies, and radiological protection		ISO 16063-44:2018	en	Methods for the calibration of vibration and shock transducers — Part 44: Calibration of field vibration calibrators	B
ISO 12807:2018	fr <sup>1</sup>	Safe transport of radioactive materials — Leakage testing on packages	H	TC 113		Hydrometry	
				ISO 1070:2018	en fr	Hydrometry — Slope-area method	E
				TC 114		Horology	
				ISO 10553:2018	en	Horology — Procedure for evaluating the accuracy of quartz watches	C
				TC 118		Compressors and pneumatic tools, machines and equipment	

ISO/TR 20571:2018	fr <sup>1</sup>	Dynaload — Design and construction — Use and maintenance	E	ISO 8559-3:2018	en fr	Size designation of clothes — Part 3: Methodology for the creation of body measurement tables and intervals	D
TC 119		Powder metallurgy		TC 135		Non-destructive testing	
ISO 3923-1:2018	fr <sup>1</sup>	Metallic powders — Determination of apparent density — Part 1: Funnel method	A	ISO 20769-2:2018	fr <sup>1</sup>	Non-destructive testing — Radiographic inspection of corrosion and deposits in pipes by X- and gamma rays — Part 2: Double wall radiographic inspection	E
TC 120		Leather		TC 138		Plastics pipes, fittings and valves for the transport of fluids	
ISO 11457:2018	en	Leather — Grading of wet blue goat and sheep skins based on defects	A	ISO 13257:2018	en fr	Thermoplastics piping systems for non-pressure applications — Test method for resistance to elevated temperature cycling	B
TC 121		Anaesthetic and respiratory equipment		ISO/TS 15874-7:2018	en	Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 7: Guidance for the assessment of conformity	C
ISO 81060-2:2018	en fr	Non-invasive sphygmomanometers — Part 2: Clinical investigation of intermittent automated measurement type	F	ISO/TS 15875-7:2018	en	Plastics piping systems for hot and cold water installations — Crosslinked polyethylene (PE-X) — Part 7: Guidance for the assessment of conformity	C
TC 122		Packaging		ISO/TS 15876-7:2018	en	Plastics piping systems for hot and cold water installations — Polybutene (PB) — Part 7: Guidance for the assessment of conformity	C
ISO 17480:2015	fr <sup>1</sup>	Packaging — Accessible design — Ease of opening	F	ISO/TS 15877-7:2018	en	Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 7: Guidance for the assessment of conformity	C
ISO 20848-3:2018	en	Packaging — Plastics drums — Part 3: Plug bung closure systems for plastics drums with a nominal capacity of 113,6 l to 220 l	D	ISO/TS 22391-7:2018	en	Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) — Part 7: Guidance for the assessment of conformity	C
ISO 21976:2018	en	Packaging — Tamper verification features for medicinal product packaging	C	TC 142		Cleaning equipment for air and other gases	
TC 126		Tobacco and tobacco products		ISO 21083-1:2018	en fr	Test method to measure the efficiency of air filtration media against spherical nanomaterials — Part 1: Size range from 20 nm to 500 nm	G
ISO 21160:2018	en fr	Cigarettes — Determination of selected carbonyls in the mainstream smoke of cigarettes — Method using high performance liquid chromatography	C	TC 146		Air quality	
ISO 21330:2018	en fr	Cigarettes — Determination of selected volatile organic compounds in the mainstream smoke of cigarettes — Method using GC/MS	C	ISO 28902-3:2018	en fr	Air quality — Environmental meteorology — Part 3: Ground-based remote sensing of wind by continuous-wave Doppler lidar	D
TC 130		Graphic technology		ISO 16000-23:2018	en fr	Indoor air — Part 23: Performance test for evaluating the reduction of formaldehyde and other carbonyl compounds concentrations by sorptive building materials	E
ISO 20294:2018	en	Graphic technology — Quantification and communication for calculating the carbon footprint of e-media	E	ISO 16000-24:2018	en fr	Indoor air — Part 24: Performance test for evaluating the reduction of volatile organic compound concentrations by sorptive building materials	D
TC 131		Fluid power systems		TC 147		Water quality	
ISO 18582-2:2018	en	Fluid power — Specification of reference dictionary — Part 2: Definitions of classes and properties of pneumatics	H	ISO 9697:2018	en fr	Water quality — Gross beta activity — Test method using thick source	B
ISO 16889:2008/ Amd 1:2018	en fr	Hydraulic fluid power — Filters — Multi-pass method for evaluating filtration performance of a filter element — Amendment 1	XZ	ISO 11704:2018	en fr	Water quality — Gross alpha and gross beta activity — Test method using liquid scintillation counting	D
ISO 16589-1:2011/Amd 1:2018	en	Rotary shaft lip-type seals incorporating thermoplastic sealing elements — Part 1: Nominal dimensions and tolerances — Amendment 1	XZ	TC 156		Corrosion of metals and alloys	
ISO/TR 22165:2018	en	Pneumatic fluid power — Application notes for the improvement of the energy efficiency of pneumatic systems	A				
TC 133		Clothing sizing systems - size designation, size measurement methods and digital fittings					

ISO 7539-6:2018	en <sup>2</sup> fr <sup>2</sup>	Corrosion of metals and alloys — Stress corrosion testing — Part 6: Preparation and use of precracked specimens for tests under constant load or constant displacement	F	ISO 9060:2018	en	Solar energy — Specification and classification of instruments for measuring hemispherical solar and direct solar radiation	C
ISO 21153:2018	en fr	Corrosion of metals and alloys — Measurement of environmentally assisted small crack growth rate	C	TC 181		Safety of toys	
TC 158		Analysis of gases		ISO 8124-6:2018	en	Safety of toys — Part 6: Certain phthalate esters in toys and children's products	E
ISO 6145-7:2018	en fr	Gas analysis — Preparation of calibration gas mixtures using dynamic methods — Part 7: Thermal mass-flow controllers	C	TC 182		Geotechnics	
ISO 14167:2018	en fr	Gas analysis — General quality aspects and metrological traceability of calibration gas mixtures	D	ISO 17892-10:2018	en	Geotechnical investigation and testing — Laboratory testing of soil — Part 10: Direct shear tests	D
TC 159		Ergonomics		TC 185		Safety devices for protection against excessive pressure	
ISO 9241-306:2018	fr <sup>1</sup>	Ergonomics of human-system interaction — Part 306: Field assessment methods for electronic visual displays	G	ISO 4126-2:2018	en fr	Safety devices for protection against excessive pressure — Part 2: Bursting disc safety devices	D
ISO 9241-500:2018	en fr	Ergonomics of human-system interaction — Part 500: Ergonomic principles for the design and evaluation of environments of interactive systems	B	TC 190		Soil quality	
TC 165		Timber structures		ISO 15175:2018	en fr	Soil quality — Characterization of contaminated soil related to groundwater protection	F
ISO 12122-5:2018	en	Timber structures — Determination of characteristic values — Part 5: Mechanical connections	C	ISO 16133:2018	en fr	Soil quality — Guidance on the establishment and maintenance of monitoring programmes	B
TC 171		Document management applications		TC 193		Natural gas	
ISO/TR 22299:2018	en	Document management — Digital file format recommendations for long-term storage	B	ISO 15112:2018	en fr	Natural gas — Energy determination	G
TC 172		Optics and photonics		TC 194		Biological and clinical evaluation of medical devices	
ISO 9211-5:2018	en fr	Optics and photonics — Optical coatings — Part 5: Minimum requirements for antireflecting coatings	A	ISO 10993-1:2018	en <sup>2</sup> fr <sup>2</sup>	Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process	F
ISO 9211-6:2018	fr <sup>1</sup>	Optics and photonics — Optical coatings — Part 6: Minimum requirements for reflecting coatings	A	TC 197		Hydrogen technologies	
ISO 12123:2018	en fr	Optics and photonics — Specification of raw optical glass	D	ISO 19882:2018	en	Gaseous hydrogen — Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers	E
ISO 17123-9:2018	en	Optics and optical instruments — Field procedures for testing geodetic and surveying instruments — Part 9: Terrestrial laser scanners	F	TC 198		Sterilization of health care products	
ISO 11979-1:2018	en fr	Ophthalmic implants — Intraocular lenses — Part 1: Vocabulary	A	ISO 11137-1:2006/Amd 2:2018	en fr	Sterilization of health care products — Radiation — Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices — Amendment 2: Revision to 4.3.4 and 11.2	XZ
ISO 11145:2018	en fr	Optics and photonics — Lasers and laser-related equipment — Vocabulary and symbols	D	ISO 15883-4:2018	en fr	Washer-disinfectors — Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes	H
ISO 13694:2018	en fr	Optics and photonics — Lasers and laser-related equipment — Test methods for laser beam power (energy) density distribution	C	TC 201		Surface chemical analysis	
TC 180		Solar energy		ISO 13084:2018	en	Surface chemical analysis — Secondary ion mass spectrometry — Calibration of the mass scale for a time-of-flight secondary ion mass spectrometer	C
				ISO 16129:2018	en	Surface chemical analysis — X-ray photoelectron spectroscopy — Procedures for assessing the day-to-day performance of an X-ray photoelectron spectrometer	C
				TC 204		Intelligent transport systems	

ISO 14819-1:2013	fr <sup>1</sup>	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 1: Coding protocol for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C	F	TC 215 ISO/TS 22835:2018	en	Health informatics Health informatics — Information model of combination of decoction pieces in Chinese medicines	A
ISO 14819-3:2013	fr <sup>1</sup>	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 3: Location referencing for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C	G	TC 219 ISO 20326:2016	fr <sup>1</sup>	Floor coverings Resilient floor coverings — Specification for floor panels/assembly for loose laying	C
ISO 16407-2:2018	en	Electronic fee collection — Evaluation of equipment for conformity to ISO 17575-1 — Part 2: Abstract test suite	B	ISO 24342:2018	en fr	Resilient and textile floor-coverings — Determination of side length, edge straightness and squareness of tiles	B
ISO 16410-2:2018	en fr	Electronic fee collection — Evaluation of equipment for conformity to ISO 17575-3 — Part 2: Abstract test suite	B	TC 221 ISO 13438:2018	en fr	Geosynthetics Geosynthetics — Screening test method for determining the resistance of geotextiles and geotextile-related products to oxidation	B
ISO/TS 21219-26:2018	en	Intelligent transport systems — Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) — Part 26: Vigilance location information (TPEG2-VLI)	D	TC 228 ISO 21426:2018	en fr	Tourism and related services Tourism and related services — Medical spas — Service requirements	E
TC 206 ISO 17167:2018	en	Fine ceramics Fine ceramics (advanced ceramics, advanced technical ceramics) — Mechanical properties of monolithic ceramics at room temperature — Determination of flexural strength by the ring-on-ring test	C	TC 251 ISO 55002:2018	en fr	Asset management Asset management — Management systems — Guidelines for the application of ISO 55001	G
TC 207 ISO 14052:2017	fr <sup>1</sup>	Environmental management Environmental management — Material flow cost accounting — Guidance for practical implementation in a supply chain	C	TC 256 ISO 18314-1:2015	fr <sup>1</sup>	Pigments, dyestuffs and extenders Analytical colorimetry — Part 1: Practical colour measurement	A
TC 210 ISO 80369-1:2018	en	Quality management and corresponding general aspects for medical devices Small-bore connectors for liquids and gases in healthcare applications — Part 1: General requirements	E	ISO 18314-2:2015	fr <sup>1</sup>	Analytical colorimetry — Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, hiding power	C
TC 212 ISO 20166-1:2018	en fr	Clinical laboratory testing and in vitro diagnostic test systems Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue — Part 1: Isolated RNA	D	ISO 18314-3:2015	fr <sup>1</sup>	Analytical colorimetry — Part 3: Special indices	A
ISO 20166-2:2018	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue — Part 2: Isolated proteins	D	ISO 18473-1:2015	fr <sup>1</sup>	Functional pigments and extenders for special applications — Part 1: Nanoscale calcium carbonate for sealant application	A
ISO 20184-1:2018	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for frozen tissue — Part 1: Isolated RNA	D	ISO 18473-2:2015	fr <sup>1</sup>	Functional pigments and extenders for special applications — Part 2: Nanoscale titanium dioxide for sunscreen application	A
ISO 20184-2:2018	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for frozen tissue — Part 2: Isolated proteins	C	TC 281 ISO 20298-1:2018	en	Fine bubble technology Fine bubble technology — Sampling and sample preparation for measurement — Part 1: Ultrafine bubble dispersion in water	B
TC 213 ISO 14978:2018	en fr	Dimensional and geometrical product specifications and verification Geometrical product specifications (GPS) — General concepts and requirements for GPS measuring equipment	F	ISO 20480-2:2018	en	Fine bubble technology — General principles for usage and measurement of fine bubbles — Part 2: Categorization of the attributes of fine bubbles	B
				TC 282 ISO 20469:2018	en	Water reuse Guidelines for water quality grade classification for water reuse	A
				TC 292		Security and resilience	

ISO 22320:2018	en	Security and resilience — Emergency management — Guidelines for incident management	D	ISO/IEC/IEEE 29148:2018	en	Systems and software engineering — Life cycle processes — Requirements engineering	H
ISO 22382:2018	fr <sup>1</sup>	Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines for the content, security, issuance and examination of excise tax stamps	E	ISO/IEC/IEEE 90003:2018	en	Software engineering — Guidelines for the application of ISO 9001:2015 to computer software	G
TC 301		Energy management and energy savings		ISO/IEC 1539-1:2018	en	Information technology — Programming languages — Fortran — Part 1: Base language	H
ISO/TS 50008:2018	en	Energy management and energy savings — Building energy data management for energy performance — Guidance for a systemic data exchange approach	C	ISO/IEC TS 19570:2018	en	Programming Languages — Technical Specification for C++ Extensions for Parallelism	F
CASCO		Committee on conformity assessment		ISO/IEC 14888-3:2018	en	IT Security techniques — Digital signatures with appendix — Part 3: Discrete logarithm based mechanisms	H
ISO/IEC TS 17021-11:2018	en	Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 11: Competence requirements for auditing and certification of facility management (FM) management systems	A	ISO/IEC 20889:2018	en	Privacy enhancing data de-identification terminology and classification of techniques	F
JTC 1		Information technology		ISO/IEC 21878:2018	en	Information technology — Security techniques — Security guidelines for design and implementation of virtualized servers	D
ISO/IEC 30118-1:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 1: Core specification	H	ISO/IEC 29101:2018	en	Information technology — Security techniques — Privacy architecture framework	F
ISO/IEC 30118-2:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 2: Security specification	H	ISO/IEC 29112:2018	en	Information technology — Office equipment — Test pages and methods for measuring monochrome printer resolution	H
ISO/IEC 30118-3:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 3: Bridging specification	G	ISO/IEC 14496-5:2001/ Amd 43:2018	en	Information technology — Coding of audio-visual objects — Part 5: Reference software — Amendment 43: New levels of ALS simple profile, SBR enhancements	XZ
ISO/IEC 30118-4:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 4: Resource type specification	H	ISO/IEC 14496-14:2018	en	Information technology — Coding of audio-visual objects — Part 14: MP4 file format	C
ISO/IEC 30118-5:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 5: Smart home device specification	C	ISO/IEC 14496-30:2018	en	Information technology — Coding of audio-visual objects — Part 30: Timed text and other visual overlays in ISO base media file format	C
ISO/IEC 30118-6:2018	en	Information technology — Open Connectivity Foundation (OCF) Specification — Part 6: Resource to AllJoyn interface mapping specification	H	ISO/IEC 29167-22:2018	en	Information technology — Automatic identification and data capture techniques — Part 22: Crypto suite SPECK security services for air interface communications	F
ISO/IEC/IEEE 8802-21:2018/ Cor 1:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 21: Media independent services framework — Technical Corrigendum 1: Clarification of parameter definition in group session key derivation	free	ISO/IEC 29138-1:2018	en	Information technology — User interface accessibility — Part 1: User accessibility needs	H
ISO/IEC 26553:2018	en	Information technology — Software and systems engineering — Tools and methods for product line realization	G	ISO/IEC 20000-10:2018	fr <sup>1</sup>	Information technology — Service management — Part 10: Concepts and vocabulary	E
ISO/IEC 26554:2018	en	Information technology — Software and systems engineering — Tools and methods for product line testing	G				
ISO/IEC 26556:2018	en	Information technology — Software and systems engineering — Tools and methods for product line organizational management	G				

---

## Standards confirmed

---



The following International Standards are confirmed for a five year period:

<b>TC 2</b>	<b>Fasteners</b>
ISO 1234:1997	(reconfirmed)
ISO 2338:1997	(reconfirmed)
ISO 8733:1997	(reconfirmed)
ISO 16582:2002	(reconfirmed)
ISO 16584:2002	(reconfirmed)
ISO 16585:2002	(reconfirmed)
ISO 8992:2005	(reconfirmed)
ISO 16426:2002	(reconfirmed)
ISO 898-1:2013	
ISO 2342:2003	(reconfirmed)
ISO 4026:2003	(reconfirmed)
ISO 4027:2003	(reconfirmed)
ISO 4028:2003	(reconfirmed)
ISO 4029:2003	(reconfirmed)
ISO 4762:2004	(reconfirmed)
ISO 16047:2005	(reconfirmed)
<b>TC 4</b>	<b>Rolling bearings</b>
ISO 2982-1:2013	
ISO 2982-2:2013	
<b>TC 6</b>	<b>Paper, board and pulps</b>
ISO 11093-4:2016	
<b>TC 8</b>	<b>Ships and marine technology</b>
ISO 8277:2013	
<b>TC 20</b>	<b>Aircraft and space vehicles</b>
ISO 244:1979	(reconfirmed)
ISO 268:1980	(reconfirmed)
ISO 1971:1975	(reconfirmed)
ISO 2669:1995	(reconfirmed)
ISO 7137:1995	(reconfirmed)
ISO 9736:2000	(reconfirmed)
ISO 9737:2000	(reconfirmed)
ISO 9738:2000	(reconfirmed)
ISO 9747:2000	(reconfirmed)
ISO 9748:2000	(reconfirmed)
ISO 9749:2000	(reconfirmed)
ISO 9757:2000	(reconfirmed)
ISO 9758:2000	(reconfirmed)
ISO 9759:2000	(reconfirmed)
ISO 9760:2000	(reconfirmed)
ISO 9761:2000	(reconfirmed)
ISO 9762:2000	(reconfirmed)
ISO 12:1987	(reconfirmed)
ISO 16031-1:2002	(reconfirmed)
<b>TC 22</b>	<b>Road vehicles</b>
ISO 3560:2013	
<b>TC 38</b>	<b>Textiles</b>
ISO 13934-1:2013	
<b>TC 43</b>	<b>Acoustics</b>
ISO 1999:2013	
ISO 11904-1:2002	(reconfirmed)
ISO 4871:1996	(reconfirmed)

ISO 7235:2003	(reconfirmed)
ISO 9614-1:1993	(reconfirmed)
ISO 9614-2:1996	(reconfirmed)
ISO 9614-3:2002	(reconfirmed)
ISO 9645:1990	(reconfirmed)
ISO 10843:1997	(reconfirmed)
ISO 10847:1997	(reconfirmed)
ISO 13473-2:2002	(reconfirmed)
ISO 13473-3:2002	(reconfirmed)
ISO 17497-1:2004	(reconfirmed)
<b>TC 44</b>	<b>Welding and allied processes</b>
ISO 9012:2008	(reconfirmed)
ISO 10225:2013	
ISO 14113:2013	
ISO 15615:2013	
<b>TC 45</b>	<b>Rubber and rubber products</b>
ISO 1629:2013	
ISO 4650:2012	
ISO 15113:2005	(reconfirmed)
ISO 3386-1:1986	(reconfirmed)
ISO 3386-2:1997	(reconfirmed)
ISO 5892:2013	
ISO 6123-3:1985	(reconfirmed)
ISO 6453:1985	(reconfirmed)
ISO 7617-2:2003	(reconfirmed)
ISO 7617-3:1988	(reconfirmed)
ISO 8096:2005	(reconfirmed)
ISO 9691:1992	(reconfirmed)
ISO 23711:2003	(reconfirmed)
<b>TC 48</b>	<b>Laboratory equipment</b>
ISO 718:1990	(reconfirmed)
ISO 1776:1985	(reconfirmed)
ISO 4785:1997	(reconfirmed)
ISO 4798:1997	(reconfirmed)
ISO 7550:1985	(reconfirmed)
ISO 7713:1985	(reconfirmed)
ISO 12771:1997	(reconfirmed)
ISO 12772:1997	(reconfirmed)
ISO 12775:1997	(reconfirmed)
<b>TC 59</b>	<b>Buildings and civil engineering works</b>
ISO 15928-5:2013	
<b>TC 60</b>	<b>Gears</b>
ISO/TR 14521:2010	
<b>TC 61</b>	<b>Plastics</b>
ISO 8604:1988	(reconfirmed)
ISO 75-2:2013	
ISO 868:2003	(reconfirmed)
ISO 899-2:2003	(reconfirmed)
ISO 1147:1995	(reconfirmed)
ISO 1598:1990	(reconfirmed)
ISO 1599:1990	(reconfirmed)
ISO 1628-4:1999	(reconfirmed)
<b>TC 69</b>	<b>Applications of statistical methods</b>
ISO 3534-3:2013	



TC 93	Starch (including derivatives and by-products)	ISO/IEEC	
ISO 11212-1:1997	(reconfirmed)	11073-10472:2012	
TC 100	Chains and chain sprockets for power transmission and conveyors	ISO/IEEC	(reconfirmed)
ISO 6971:2002	(reconfirmed)	11073-20101:2004	
ISO 6972:2002	(reconfirmed)	ISO/IEEC	(reconfirmed)
ISO 10823:2004	(reconfirmed)	11073-30200:2004	
TC 106	Dentistry	ISO/IEEC	
ISO 29022:2013		11073-30400:2012	
ISO 6873:2013		ISO 13119:2012	
TC 123	Plain bearings	ISO/TS	
ISO 3548-3:2012		18790-1:2015	
TC 127	Earth-moving machinery	ISO 21091:2013	
ISO 6392-1:1996	(reconfirmed)	JTC 1	Information technology
TC 131	Fluid power systems	ISO/IEC	(reconfirmed)
ISO/TR 10686:2013		7816-2:2007	
ISO/TR 15640:2011		ISO/IEC	
ISO/TR 16386:2014		10967-1:2012	
TC 146	Air quality	ISO/IEC TS	
ISO 11041:1996	(reconfirmed)	18661-1:2014	
ISO 11174:1996	(reconfirmed)	ISO/IEC TS	
ISO 17091:2013		18661-2:2015	
TC 153	Valves	ISO/IEC TS	
ISO 5752:1982	(reconfirmed)	18822:2015	
TC 160	Glass in building	ISO/IEC	
ISO 11479-1:2011		9798-5:2009	
ISO 11479-2:2011		ISO/IEC	(reconfirmed)
ISO 25537:2008	(reconfirmed)	15816:2002	
TC 172	Optics and photonics	ISO/IEC	(reconfirmed)
ISO 8424:1996	(reconfirmed)	15945:2002	
ISO 10629:1996	(reconfirmed)	ISO/IEC	
ISO 10934-1:2002	(reconfirmed)	27033-3:2010	
ISO 10934-2:2007	(reconfirmed)	ISO/IEC	
ISO/TS 18339:2015		29191:2012	
ISO 19012-1:2013		ISO/IEC TS	
ISO 19012-2:2013		30104:2015	
TC 190	Soil quality	ISO/IEC	
ISO 16772:2004	(reconfirmed)	19794-11:2013	
ISO 17380:2013		TC 8	Ships and marine technology
TC 211	Geographic information/Geomatics	ISO 3935:1977	(replaced by )
ISO 19123:2005	(reconfirmed)	TC 22	Road vehicles
ISO 19152:2012		ISO 3984:2004	(replaced by )
TC 215	Health informatics	TC 29	Small tools
ISO/IEEC	(reconfirmed)	ISO 4203:1978	(replaced by )
11073-10101:2004		ISO 4208:1977	(replaced by )
ISO/IEEC	(reconfirmed)	TC 34	Food products
11073-10201:2004		ISO 21807:2004	(replaced by ISO 18787:2017)
ISO/IEEC		TC 43	Acoustics
11073-10406:2012		ISO 9053:1991	(replaced by ISO 9053-1:2018)
ISO/IEEC		TC 92	Fire safety
11073-10420:2012		ISO 10294-1:1996	(replaced by ISO 21925-1:2018)
ISO/IEEC		ISO 10294-2:1999	(replaced by ISO 21925-1:2018)
11073-10421:2012			

## Standards withdrawn

Period from 01 November to 30 November 2018

TC 8	Ships and marine technology
ISO 3935:1977	(replaced by )
TC 22	Road vehicles
ISO 3984:2004	(replaced by )
TC 29	Small tools
ISO 4203:1978	(replaced by )
ISO 4208:1977	(replaced by )
TC 34	Food products
ISO 21807:2004	(replaced by ISO 18787:2017)
TC 43	Acoustics
ISO 9053:1991	(replaced by ISO 9053-1:2018)
TC 92	Fire safety
ISO 10294-1:1996	(replaced by ISO 21925-1:2018)
ISO 10294-2:1999	(replaced by ISO 21925-1:2018)

ISO 10294-3:1999	(replaced by ISO 21925-1:2018)
ISO 10294-4:2001	(replaced by ISO 21925-1:2018)
TC 112	Vacuum technology
ISO 5302:2003	(replaced by )
TC 131	Fluid power systems
ISO/TR 16144:2002	(replaced by )
TC 158	Analysis of gases
ISO/TS 14167:2003	(replaced by ISO 14167:2018)
TC 182	Geotechnics
ISO/TS 17892-10:2004	(replaced by ISO 17892-10:2018)
TC 197	Hydrogen technologies
ISO/TS 15869:2009	(replaced by )
TC 204	Intelligent transport systems
ISO/TS 16407-2:2012	(replaced by ISO 16407-2:2018)
ISO/TS 16410-2:2012	(replaced by ISO 16410-2:2018)
TC 211	Geographic information/Geomatics
ISO 19125-2:2004	(replaced by )
JTC 1	Information technology
ISO/IEC TR 29138-1:2009	(replaced by ISO/IEC 29138-1:2018)
ISO/IEC TS 29112:2012	(replaced by ISO/IEC 29112:2018)
ISO/IEC 29173-1:2012	(replaced by )
ISO/IEC 29175:2012	(replaced by )
ISO/IEC 29176:2011	(replaced by )
ISO/IEC 29177:2016	(replaced by )
ISO/IEC 29178:2012	(replaced by )
ISO/IEC 29179:2012	(replaced by )

---

## Meeting calendar

---

The meeting calendar is available at

<https://www.iso.org/meeting-calendar.html>