

# ISO Update

Supplement to ISOfocus

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November 2018

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# 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 October to 31 October 2018

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 4 ISO/DTR 20051	Rolling bearings Spherical plain bearings — Calculation of the load rating factors
TC 12 ISO/CD 80000-1	Quantities and units Quantities and units — Part 1: General
TC 22 ISO/CD 15765-5	Road vehicles Road vehicles — Diagnostic communication over Controller Area Network (DoCAN) — Part 5: Specification for an in-vehicle network connected to the diagnostic link connector
ISO/CD TR 23786	Road vehicles — Solutions for remote access to vehicle — Criteria for risk assessment
ISO/CD TR 23791	Road vehicles — Extended vehicle (ExVe) web services — Result of the risk assessment on ISO 20078 series
TC 23 ISO 3767-1:2016/CD Amd 1	Tractors and machinery for agriculture and forestry Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 1: Common symbols — Amendment 1
ISO 3767-2:2016/CD Amd 1	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 2: Symbols for agricultural tractors and machinery — Amendment 1
ISO/CD 21876	Machinery for forestry — Saw chain shot protective windows — Test method and performance criteria
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources

ISO/CD 4259-4	Petroleum and related products — Precision of measurement methods and results — Part 4: Use of Statistical Control Charts to validate 'in-statistical-control' status for the execution of a standard test method in a single laboratory
TC 35 ISO/DTR 22770	Paints and varnishes Preparation of steel substrates before application of paints and related products — Analytical colorimetry method to support visual assessment of surface preparation grades
TC 41 ISO/CD 21178	Pulleys and belts (including veebelts) Light conveyor belts — Determination of electrical resistances
TC 43 ISO/CD 10848-5	Acoustics Acoustics — Laboratory measurement of the flanking transmission of airborne and impact noise between adjoining rooms — Part 5: Radiation efficiencies of building elements
TC 44 ISO/CD 4063	Welding and allied processes Welding and allied processes — Nomenclature of processes and reference numbers
TC 46 ISO/CD 690	Information and documentation Information and documentation — Guidelines for bibliographic references and citations to information resources
TC 58 ISO/DTS 19016	Gas cylinders Gas cylinders — Cylinders and tubes of composite construction — Modal acoustic emission (MAE) testing for periodic inspection and testing
ISO/CD 23088	Gas cylinders — Periodic inspection and testing of welded steel pressure drums — Capacities up to 1 000 l
TC 84 ISO/CD 11608-6	Devices for administration of medicinal products and catheters Needle-based injection systems for medical use — Requirements and test methods — Part 6: On-body delivery systems
TC 85 ISO/CD 18077	Nuclear energy, nuclear technologies, and radiological protection Reload startup physics tests for pressurized water reactors
TC 94 ISO/CD 23616	Personal safety -- Personal protective equipment Cleaning, Maintenance and Repair of Firefighters Personal Protective Equipment
TC 102 ISO/CD 3087	Iron ore and direct reduced iron Iron ores — Determination of the moisture content of a lot
TC 106 ISO/CD 23450 ISO/CD 7494-2	Dentistry Dentistry — Intraoral endoscopic camera Dentistry — Dental units — Part 2: Air, water, suction and wastewater systems
ISO/CD 9680	Dentistry — Operating lights
ISO/CD 23402-1	Dentistry — Portable dental Equipment for use in non-clinical settings — Part 1: General requirements
TC 108	Mechanical vibration, shock and condition monitoring

ISO/CD 13373-4	Condition monitoring and diagnostics of machines — Vibration condition monitoring — Part 4: Diagnostic techniques for gas and steam turbines with fluid-film bearings	ISO/CD 21919-3	Automation systems and integration — Physical device control — Description of the interfaces between automation and machine — Part 3: Control interface
TC 114	Horology	TC 198	Sterilization of health care products
ISO/CD 764	Horology — Magnetic resistant watches	ISO/CD TS 11137-4	Sterilization of health care products — Radiation — Part 4: Guidance on process control
TC 117	Fans	ISO/CD 15883-1	Washer-disinfectors — Part 1: General requirements, terms and definitions and tests
ISO/CD 12759-6	Fans — Efficiency classification for fans — Part 6: Fan efficiency ratio	ISO/CD TS 21387	Sterilization of medical devices — Guidance on the requirements for the validation and routine processing of ethylene oxide sterilization processes using parametric release
TC 121	Anaesthetic and respiratory equipment	ISO/CD TS 22421	Sterilization of health care products — Common requirements for sterilizers for terminal sterilization of medical devices in health care facilities
ISO/CD 80601-2-85	Medical electrical equipment — Part 2-85: Particular requirements for the basic safety and essential performance of cerebral tissue oximeter equipment (t-NIRS)	ISO/CD TS 22456	Sterilization of healthcare products — Microbiological Methods-- Guidance on conducting bioburden determinations and tests of sterility for tissue-based products
TC 127	Earth-moving machinery	TC 204	Intelligent transport systems
ISO/CD 13649	Earth-moving machinery — Fire prevention	ISO/CD 17419-2	Intelligent transport systems — Identifiers — Part 2: Management and operation of registries
ISO/DTS 15143-3	Earth-moving machinery and mobile road construction machinery — Worksite data exchange — Part 3: Telematics data	ISO/CD 20524-2	Intelligent transport systems — Geographic Data Files (GDF) GDF5.1 — Part 2: Map data used in automated driving systems, Cooperative ITS, and multi-modal transport
TC 130	Graphic technology	ISO/CD 21202	Intelligent transport systems — Partially Automated Lane Change Systems (PALS) — Functional / operational requirements and test procedures
ISO/CD TR 23805	Graphic technology — Dry back calculation for offset printing process	TC 206	Fine ceramics
TC 131	Fluid power systems	ISO/CD 23242	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for flexural strength of monolithic ceramic thin plates at room temperature by three-point or four-point bending
ISO/DTR 22681	Hydraulic fluid power — Impact and use of ISO 11171:2016 $\mu\text{m}(\text{b})$ and $\mu\text{m}(\text{c})$ particle size designations on particle count and filter test data	TC 221	Geosynthetics
TC 138	Plastics pipes, fittings and valves for the transport of fluids	ISO/CD 12958-1	Geotextiles and geotextile-related products — Determination of water flow capacity in their plane — Part 1: Index test
ISO/CD 6259-2	Thermoplastics pipes — Determination of tensile properties — Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI)	ISO/CD 12958-2	Geotextiles and geotextile-related products — Determination of water flow capacity in their plane — Part 2: Performance test
TC 147	Water quality	TC 238	Solid biofuels
ISO/CD 22066	Water Quality — Determination of available total cyanide — Method using segmented flow injection, in-line ultraviolet Digestion Analysis by gas Diffusion and amperometric detection	ISO/CD 20048-2	Solid biofuels — Determination of off-gassing and oxygen depletion characteristics — Part 2: Operational method for screening of carbon monoxide off-gassing
TC 150	Implants for surgery	TC 261	Additive manufacturing
ISO/CD TS 17137	Cardiovascular implants and extracorporeal systems — Cardiovascular absorbable implants	ISO/ASTM CD 52903-3	Additive Manufacturing — Standard Specification for Material Extrusion Based Additive Manufacturing of Plastic Materials — Part 3: Final parts
TC 171	Document management applications	TC 262	Risk management
ISO/CD 19475-1	Document management — Minimum requirements for the storage of documents — Part 1: Capture	ISO/CD 31022	Risk management — Guidelines for the management of legal risk
ISO/CD 19475-2	Document management — Minimum requirements for the storage of documents — Part 2: Storage	TC 268	Sustainable cities and communities
ISO/CD 19475-3	Document management — Minimum requirements for the storage of documents — Part 3: Disposal	ISO/CD 37163	Smart community infrastructures — Guidance on smart transportation for allocation of parking lots in cities
TC 172	Optics and photonics	TC 281	Fine bubble technology
ISO 9022-3:2015/CD Amd 1	Optics and photonics — Environmental test methods — Part 3: Mechanical stress — Amendment 1	ISO/CD 20480-4	Fine bubble technology — General principles for usage and measurement of fine bubbles-- — Part 4: Terminology related to microbubble beds
ISO/CD 11807-1	Integrated optics — Vocabulary — Part 1: Basic terms and symbols		
ISO/CD 11807-2	Integrated optics — Vocabulary — Part 2: Terms used in classification		
TC 184	Automation systems and integration		
ISO/CD 21919-2	Automation systems and integration — Physical device control — Description of the interfaces between automation and machine — Part 2: Safety interface		

ISO/DTS 23016-1	Fine bubble technology — Agricultural applications — Part 1: Test method for evaluating the growth promotion of hydroponically grown lettuce	ISO/DIS 11674	Ships and marine technology — Heading control systems	2019-01-17
TC 292	Security and resilience		(Revision of ISO 11674:2006)	
ISO/CD 22392	Security and resilience — Community resilience — Guidelines for conducting peer reviews	ISO/DIS 22152	Ships and marine technology — Performance requirements for low bio-persistence mineral wool products — Alkaline earth silicate wool	
TC 299	Robotics			
ISO/CD 8373	Robots and robotic devices — Vocabulary	ISO/DIS 21745	Electronic record books for ships — Technical specification and operational requirements	2019-01-03
TC 307	Blockchain and distributed ledger technologies			
ISO/CD TR 23455	Blockchain and distributed ledger technologies — Overview of and interactions between smart contracts in blockchain and distributed ledger technology systems	TC 17	Steel	
JTC 1	Information technology	ISO/DIS 10679	Steel — Cast tool steel	
ISO/IEC 9797-3:2011/ PDAM 1	Information technology — Security techniques — Message Authentication Codes (MACs) — Part 3: Mechanisms using a universal hash-function — Amendment 1		(Revision of ISO 10679:2010, ISO 10679:2010/Cor 1:2010)	2019-01-08
ISO/IEC CD 20547-4	Information technology — Big data reference architecture — Part 4: Security and privacy	ISO/DIS 22055	Switch and crossing rails	2019-01-16
ISO/IEC CD 18046-2	Information technology — Radio frequency identification device performance test methods — Part 2: Test methods for interrogator performance			
ISO/IEC CD 20830	Information technology — Automatic identification and data capture techniques — Han Xin Code bar code symbology specification	TC 20	Aircraft and space vehicles	
ISO/IEC PDTR 19583-23	Information technology — Concepts and usage of metadata — Part 23: Data Element Exchange (DEX)	ISO/DIS 14620-2	Space systems — Safety requirements — Part 2: Launch site operations	2018-12-28
ISO/IEC CD 20071-11	Information technology — User interface component accessibility — Part 11: Guidance for text alternatives for images		(Revision of ISO 14620-2:2011)	
ISO/IEC CD 30150	Information technology — Affective computing user interface — Framework	ISO/DIS 14621-1	Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 1: Parts management	2018-12-31
		ISO/DIS 14621-2	Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 2: Control programme requirements	2018-12-31
		ISO/DIS 22137	Space systems — Program management — Test reviews	2018-12-28
		ISO/DIS 26872	Space systems — Disposal of satellites operating at geosynchronous altitude	2018-12-25
			(Revision of ISO 26872:2010)	
		TC 22	Road vehicles	
		ISO/DIS 19072-1	Road vehicles — Connection interface for pyrotechnic devices, two-way and three-way connections — Part 1: Pocket interface definition	
			(Revision of ISO 19072-1:2014)	
		ISO/DIS 19072-2	Road vehicles — Connection interface for pyrotechnic devices, two-way and three-way connections — Part 2: Test methods and general performance requirements	2019-01-22
			(Revision of ISO 19072-2:2013)	
		ISO/DIS 20076	Road vehicles — Test methods and performance requirements for voltage class B connectors	2019-01-04
		TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources	

## DIS circulated

Period from 01 October to 31 October 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

		Vote terminates		
IIW	International Institute of Welding			
ISO/DIS 22688	Brazing — Quality requirements for brazing of metallic materials	2019-01-17		
TC 8	Ships and marine technology			

ISO/DIS 20846	Petroleum products — Determination of sulfur content of automotive fuels — Ultraviolet fluorescence method (Revision of ISO 20846:2011)	2018-12-28	ISO/DIS 15609-2	(Revision of ISO 15607:2003, ISO 15607:2003/Cor 1:2005) Specification and qualification of welding procedures for metallic materials — Welding procedure specification — Part 2: Gas welding (Revision of ISO 15609-2:2001)	2019-01-15
ISO/DIS 20884	Petroleum products — Determination of sulfur content of automotive fuels — Wavelength-dispersive X-ray fluorescence spectrometry (Revision of ISO 20884:2011)	2018-12-28	TC 58	Gas cylinders	
TC 29	Small tools		ISO 10462:2013/DAmd 1	Gas cylinders — Acetylene cylinders — Periodic inspection and maintenance — Amendment 1	2018-12-25
ISO 1711-1:2016/DAmd 1	Assembly tools for screws and nuts — Technical specifications — Part 1: Hand-operated wrenches and sockets — Amendment 1	2018-12-27	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
ISO 1711-2:2016/DAmd 1	Assembly tools for screws and nuts — Technical specifications — Part 2: Machine-operated sockets (impact) — Amendment 1	2018-12-27	ISO/DIS 3183	Petroleum and natural gas industries — Steel pipe for pipeline transportation systems  (Revision of ISO 3183:2012, ISO 3183:2012/Amd 1:2017)	2019-01-18
TC 31	Tyres, rims and valves		TC 68	Financial services	
ISO/DIS 10499-1	Industrial tyres and rims — Rubber solid tyres (metric series) for pneumatic tyre rims — Part 1: Designation, dimensions and marking (Revision of ISO 10499-1:1991, ISO 10499-1:1991/Cor 1:1997)	2018-12-25	ISO/DIS 23644	Financial instrument global identifier (FIGI)	2019-01-08
ISO/DIS 18885-3	TPMS — Valves performances — Part 3: Performances	2018-12-31	TC 69	Applications of statistical methods	
TC 34	Food products		ISO/DIS 2859-2	Sampling procedures for inspection by attributes — Part 2: Sampling plans indexed by limited quality (LQ) for isolated lot inspection (Revision of ISO 2859-2:1985)	2019-01-17
ISO 7932:2004/DAmd 1	Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> — Colony-count technique at 30 degrees C — Amendment 1: Inclusion of optional tests	2019-01-18	TC 71	Concrete, reinforced concrete and pre-stressed concrete	
ISO/DIS 20588	Animal feeding stuffs — Terminology	2018-12-28	ISO/DIS 21914	Test methods for fibre-reinforced cementitious composites — Bending moment–curvature curve by four-point bending test	2019-01-21
TC 37	Language and terminology		ISO/DIS 13315-6	Environmental management for concrete and concrete structures — Part 6: Use of concrete structures	
ISO/DIS 29383	Terminology policies — Development and implementation  (Revision of ISO 29383:2010)	2019-01-03	TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	
TC 42	Photography		ISO/DIS 28620	Medical devices — Non-electrically driven portable infusion devices  (Revision of ISO 28620:2010)	2019-01-11
ISO/DIS 18937	Imaging materials — Photographic reflection prints — Methods for measuring indoor light stability (Revision of ISO 18937:2014)	2019-01-21	TC 107	Metallic and other inorganic coatings	
TC 44	Welding and allied processes		ISO/DIS 21968	Non-magnetic metallic coatings on metallic and non-metallic basis materials — Measurement of coating thickness — Phase-sensitive eddy-current method (Revision of ISO 21968:2005)	2018-12-31
ISO/DIS 13919-1	Welding — Electron and laser-beam welded joints — Guidance on quality levels for imperfections — Part 1: Steel, nickel, titanium and their alloys (Revision of ISO 13919-1:1996)	2019-01-18	ISO/DIS 28763	Vitreous and porcelain enamels — Regenerative, enamelled and packed panels for air-gas and gas-gas heat exchangers — Specifications	2018-12-27
ISO/DIS 15607	Specification and qualification of welding procedures for metallic materials — General rules	2019-01-10			

	(Revision of ISO 28763:2008)			
TC 108	Mechanical vibration, shock and condition monitoring			
ISO/DIS 16063-34	Methods for the calibration of vibration and shock transducers — Part 34: Testing of sensitivity at fixed temperatures (Revision of ISO 5347-17:1993)			
TC 112	Vacuum technology			
ISO/DIS 3529-1	Vacuum technology — Vocabulary — Part 1: General terms	2019-01-09		
	(Revision of ISO 3529-1:1981)			
TC 113	Hydrometry			
ISO/DIS 25377	Hydrometric uncertainty guidance (HUG)	2018-12-31		
	(Revision of ISO/TS 25377:2007)			
TC 126	Tobacco and tobacco products			
ISO/DIS 20193	Analysis of tobacco and tobacco products — Determination of the width of the strands of cut tobacco (Revision of ISO 20193:2012)	2018-12-27		
TC 127	Earth-moving machinery			
ISO/DIS 7096	Earth-moving machinery — Laboratory evaluation of operator seat vibration	2018-12-31		
	(Revision of ISO 7096:2000)			
TC 131	Fluid power systems			
ISO/DIS 10094-1	Pneumatic fluid power — Electro-pneumatic pressure control valves — Part 1: Main characteristics to include in the supplier's literature (Revision of ISO 10094-1:2010)	2019-01-21		
ISO 3601-1:2012/DAmD 1	Fluid power systems — O-rings — Part 1: Inside diameters, cross-sections, tolerances and designation codes — Amendment 1	2019-01-04		
TC 134	Fertilizers, soil conditioners and beneficial substances			
ISO/DIS 14820-3	Fertilizers and liming materials — Sampling and sample preparation — Part 3: Sampling of static			
TC 135	Non-destructive testing			
ISO/DIS 23243	Non-destructive testing — Terminology — Terms used in ultrasonic testing with phased arrays	2019-01-17		
TC 147	Water quality			
ISO/DIS 21253-1	Water quality — Multi-compound class methods — Part 1: Criteria for the identification of target compounds by gas and liquid chromatography and mass spectrometry	2019-01-04		
ISO/DIS 21253-2	Water quality — Multi-compound class methods — Part 2: Criteria for the quantitative determination of organic substances using a multi-compound class analytical method	2019-01-04		
TC 160	Glass in building			
ISO/DIS 16936-1	Glass in building — Forced-entry security glazing — Part 1: Test and classification by repetitive ball drop (Revision of ISO 16936-1:2005)		2019-01-18	
TC 163	Thermal performance and energy use in the built environment			
ISO/DIS 17738-3	Thermal insulation products — Exterior insulation and finish systems — Part 3: Design requirements		2019-01-22	
ISO/DIS 21105-1	Performance of buildings — Building enclosure thermal performance verification and commissioning — Part 1: General requirements		2018-12-27	
TC 172	Optics and photonics			
ISO/DIS 8600-3	Endoscopes — Medical endoscopes and endotherapy devices — Part 3: Determination of field of view and direction of view of endoscopes with optics (Revision of ISO 8600-3:1997, ISO 8600-3:1997/Amd 1:2003)		2019-01-08	
TC 173	Assistive products			
ISO/DIS 21801	General guidelines on cognitive accessibility		2019-01-15	
TC 174	Jewellery and precious metals			
ISO/DIS 9202	Jewellery and precious metals — Fineness of precious metal alloys		2018-12-25	
	(Revision of ISO 9202:2014)			
TC 188	Small craft			
ISO/DIS 10240	Small craft — Owner's manual		2019-01-10	
	(Revision of ISO 10240:2004, ISO 10240:2004/Amd 1:2015)			
ISO/DIS 14945	Small craft — Builder's plate		2019-01-09	
	(Revision of ISO 14945:2004)			
ISO/DIS 14946	Small craft — Maximum load capacity		2019-01-09	
	(Revision of ISO 14946:2001)			
ISO/DIS 11105	Small craft — Ventilation of petrol engine and/or petrol tank compartments (Revision of ISO 11105:1997)			
TC 190	Soil quality			
ISO/DIS 21365	Soil quality — Conceptual site models for potentially contaminated sites		2018-12-31	
TC 199	Safety of machinery			
ISO/DIS 21260	Safety of machinery — Mechanical safety data for physical contacts between moving machinery or moving parts of machinery and persons		2018-12-27	

TC 204	Intelligent transport systems		ISO/IEC 10646:2017/DAmd 2	Information technology — Universal Coded Character Set (UCS) — Amendment 2: Nandinagari, Georgian extension, and other characters	2019-01-17
ISO/DIS 19082	Intelligent transport systems — Definition of data elements and data frames between roadside modules and signal controllers for cooperative signal control	2019-01-11			
TC 206	Fine ceramics		ISO/IEC 8824-1:2015/DAmd 1	Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1: — Amendment 1	2019-01-01
ISO/DIS 21859	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for plasma resistance of ceramic components in semiconductor manufacturing equipment	2018-12-25	ISO/IEC DIS 15909-1	Systems and software engineering — High-level Petri nets — Part 1: Concepts, definitions and graphical notation (Revision of ISO/IEC 15909-1:2004, ISO/IEC 15909-1:2004/Amd 1:2010)	2018-12-27
TC 210	Quality management and corresponding general aspects for medical devices		ISO/IEC/IEEE DIS 16326	Systems and software engineering — Life cycle processes — Project management	2019-01-17
IEC 62366-1:2015/DAmd 1	Medical devices — Part 1: Application of usability engineering to medical devices — Amendment 1	2019-01-04		(Revision of ISO/IEC/IEEE 16326:2009)	
TC 211	Geographic information/ Geomatics		ISO/IEC/IEEE DIS 21841	Systems and software engineering — Taxonomy of systems of systems	2019-01-22
ISO/DIS 19150-4	Geographic information — Ontology — Part 4: Service ontology	2018-12-27			
TC 212	Clinical laboratory testing and in vitro diagnostic test systems		ISO/IEC DIS 25030	Systems and software engineering — Systems and software quality requirements and evaluation (SQuaRE) — Quality requirements framework (Revision of ISO/IEC 25030:2007)	2019-01-22
ISO/DIS 15190	Medical laboratories — Requirements for safety	2019-01-08			
	(Revision of ISO 15190:2003)		ISO/IEC DIS 20085-1	Information technology — Security techniques — Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules — Part 1: Test tools and techniques	2019-01-17
TC 214	Elevating work platforms		ISO/IEC DIS 30111	Information technology — Security techniques — Vulnerability handling processes (Revision of ISO/IEC 30111:2013)	
ISO/DIS 21455	Mobile elevating work platforms — Operator's controls — Actuation, displacement, location and method of operation	2019-01-17			
TC 217	Cosmetics		ISO/IEC DIS 10918-7	Information technology — Digital compression and coding of continuous-tone still images — Part 7: Reference software	2018-12-28
ISO/DIS 16217	Cosmetics — Sun protection test methods — Water resistance — Water immersion procedure	2019-01-15			
TC 226	Materials for the production of primary aluminium		ISO/IEC DIS 19566-5	Information technologies — JPEG Systems — Part 5: JPEG Universal Metadata Box Format (JUMBF)	2018-12-27
ISO/DIS 14428	Carbonaceous materials for the production of aluminium — Cold and tepid ramming pastes — Expansion/shrinkage during baking (Revision of ISO 14428:2005)	2019-01-15			
ISO/DIS 23028	Aluminium oxide primarily used for the production of aluminium — Preparation and storage of test samples	2019-01-01	ISO/IEC DIS 19566-6	Information technologies — JPEG systems — Part 6: JPEG 360	2018-12-25
TC 269	Railway applications		ISO/IEC DIS 21000-22	Information technology — Multimedia framework (MPEG-21) — Part 22: User Description	2019-01-04
ISO/DIS 12856-2	Plastic railway sleepers for railway applications (railroad ties) — Part 2: Products testing	2019-01-17		(Revision of ISO/IEC 21000-22:2016, ISO/IEC 21000-22:2016/Amd 1:2018)	
JTC 1	Information technology		ISO/IEC DIS 21122-2	Information technology — JPEG XS low-latency lightweight image coding system — Part 2: Profiles and buffer models	2018-12-31
ISO/IEC DIS 30146	Information technology — Smart city ICT indicators	2019-01-10			

ISO/IEC 23008-1:2017/DAmd 3	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 1: MPEG media transport (MMT) — Amendment 3: Immersive media and CDN integration	2019-01-18	ISO/IEC DIS 39794-1	Information technology — Extensible biometric data interchange formats — Part 1: Framework	2019-01-11
ISO/IEC 23008-4/DAmd 1	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 4: MMT reference and conformance software — Amendment 1	2019-01-17	ISO/IEC DIS 30134-6	Information technology — Data centres — Key performance indicators — Part 6: Energy Reuse Factor (ERF)	2019-01-22
ISO/IEC DIS 23092-1	Information technology — Part 1: Transport and storage of genomic information	2018-12-31	ISO/IEC DIS 20000-2	Information technology — Service management — Part 2: Guidance on the application of service management systems (Revision of ISO/IEC 20000-2:2012)	2019-01-15
ISO/IEC DIS 23092-2	Information technology — Genomic information representation — Part 2: Coding of genomic information	2019-01-10	ISO/IEC DIS 20000-3	Information technology — Service management — Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1 (Revision of ISO/IEC 20000-3:2012)	2019-01-15
ISO/IEC 24800-2:2011/DAmd 2	Information technology — JP-Search — Part 2: Registration, identification and management of schema and ontology — Amendment 2: Registration procedure of JPOnto	2019-01-01			
ISO/IEC 29199-2:2012/DAmd 2	Information technology — JPEG XR image coding system — Part 2: Image coding specification — Amendment 2: Additional color signal type identifiers	2019-01-01			
ISO/IEC DIS 19823-21	Information technology — Conformance test methods for security service crypto suites — Part 21: Crypto suite SIMON	2019-01-04			
ISO/IEC DIS 19823-22	Information technology — Conformance test methods for security service crypto suites — Part 22: Crypto suite SPECK	2019-01-04			
ISO/IEC DIS 19757-3	Information technology — Document Schema Definition Languages (DSDL) — Part 3: Rule-based validation — Schematron (Revision of ISO/IEC 19757-3:2016)	2019-01-21	TC 4 ISO/FDIS 5593	Rolling bearings Rolling bearings — Vocabulary	2018-12-04
ISO/IEC DIS 24751-1	Information technology for learning, education and training — AccessForAll framework for individualized accessibility — Part 1: Framework and registry (Revision of ISO/IEC 24751-1:2008)	2019-01-17	TC 8 IEC/IEEE FDIS 80005-1	(Revision of ISO 5593:1997, ISO 5593:1997/Amd 1:2007) Ships and marine technology Utility connections in port — Part 1: High Voltage Shore Connection (HVSC) Systems — General requirements (Revision of ISO/IEC/IEEE 80005-1:2012)	2018-12-14
ISO/IEC DIS 19785-2	Information technology — Common biometric exchange formats framework — Part 2: Procedures for the operation of the biometric registration authority (Revision of ISO/IEC 19785-2:2006, ISO/IEC 19785-2:2006/Amd 1:2010, ISO/IEC 19785-2:2006/Cor 1:2013)		ISO/FDIS 19636	Ships and marine technology — General requirements for inclinometers used for the determination of trim and list of LNG carriers	2018-12-04
ISO/IEC DIS 19785-3	Information technology — Common Biometric Exchange Formats Framework — Part 3: Patron format specifications (Revision of ISO/IEC 19785-3:2015)		TC 10 ISO/FDIS 21600	Technical product documentation Technical product documentation (TPD) — General requirements of mechanical product digital manuals	2018-12-06
ISO/IEC DIS 30106-4	Information technology — Object oriented BioAPI — Part 4: C++ implementation		TC 17	Steel	

## FDIS circulated

Period from 01 October to 31 October 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

Vote  
terminates



ISO/FDIS 10893-6	Non-destructive testing of steel tubes — Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections (Revision of ISO 10893-6:2011)	2018-11-28	ISO/FDIS 19642-9	Road vehicles — Automotive cables — Part 9: Dimensions and requirements for 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c. round, sheathed, screened or unscreened multi or single core copper conductor cables	2018-12-21
ISO/FDIS 10893-7	Non-destructive testing of steel tubes — Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections (Revision of ISO 10893-7:2011)	2018-11-28	ISO/FDIS 19642-10	Road vehicles — Automotive cables — Part 10: Dimensions and requirements for 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c. round, sheathed, screened or unscreened multi or single core aluminium conductor cables	2018-12-21
TC 20 ISO/FDIS 21494	Aircraft and space vehicles Space systems — Magnetic testing	2018-12-21	TC 23	Tractors and machinery for agriculture and forestry	
ISO/FDIS 27875	Space systems — Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages (Revision of ISO 27875:2010, ISO 27875:2010/Amd 1:2016)	2018-12-21	ISO/FDIS 789-6	Agricultural tractors — Test procedures — Part 6: Centre of gravity  (Revision of ISO 789-6:1982, ISO 789-6:1982/Amd 1:1996)	2018-12-25
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<sup>1</sup> delayed publication of language version

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

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ISO 2041:2018	en fr	Mechanical vibration, shock and condition monitoring — Vocabulary	A	ISO/TS 17165-2:2018	fr <sup>1</sup>	Hydraulic fluid power — Hose assemblies — Part 2: Practices for hydraulic hose assemblies	D
ISO 14839-1:2018	en	Mechanical vibration — Vibration of rotating machinery equipped with active magnetic bearings — Part 1: Vocabulary	A	ISO 2942:2018	en fr	Hydraulic fluid power — Filter elements — Verification of fabrication integrity and determination of the first bubble point	B
TC 110		Industrial trucks		TC 135		Non-destructive testing	
ISO 22915-4:2018	en	Industrial trucks — Verification of stability — Part 4: Pallet stackers, double stackers and order-picking trucks with operator position elevating up to and including 1 200 mm lift height	B	ISO/TS 25108:2018	en fr	Non-destructive testing — NDT personnel training organizations	D
TC 114		Horology		TC 138		Plastics pipes, fittings and valves for the transport of fluids	
ISO 6425:2018	en fr	Horology — Divers' watches	B	ISO 11299-1:2018	en fr	Plastics piping systems for renovation of underground gas supply networks — Part 1: General	C
TC 118		Compressors and pneumatic tools, machines and equipment		ISO 11299-2:2018	en fr	Plastics piping systems for renovation of underground gas supply networks — Part 2: Lining with continuous pipes	B
ISO/TR 20571:2018	en	Dynaload — Design and construction — Use and maintenance	E	ISO 11299-3:2018	en fr	Plastics piping systems for renovation of underground gas supply networks — Part 3: Lining with close-fit pipes	C
TC 123		Plain bearings		TC 146		Air quality	
ISO 4379:2018	en	Plain bearings — Copper alloy bushes	B	ISO 21832:2018	en	Workplace air — Metals and metalloids in airborne particles — Requirements for evaluation of measuring procedures	F
ISO 21433:2018	en	Plain bearings — Handling of plain bearings	B	ISO 16000-36:2018	en fr	Indoor air — Part 36: Standard method for assessing the reduction rate of culturable airborne bacteria by air purifiers using a test chamber	C
ISO 14287:2018	en	Plain bearings — Pad materials for tilting pad bearings	A	TC 147		Water quality	
TC 126		Tobacco and tobacco products		ISO 15681-2:2018	en fr	Water quality — Determination of orthophosphate and total phosphorus contents by flow analysis (FIA and CFA) — Part 2: Method by continuous flow analysis (CFA)	C
ISO 20778:2018	en fr	Cigarettes — Routine analytical cigarette smoking machine — Definitions and standard conditions with an intense smoking regime	D	ISO 20236:2018	en	Water quality — Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion	C
ISO 20779:2018	en fr	Cigarettes — Generation and collection of total particulate matter using a routine analytical smoking machine with an intense smoking regime	C				
ISO 7210:2018	en fr	Routine analytical cigarette-smoking machine — Additional test methods for machine verification	B				



ISO 21676:2018	en	Water quality — Determination of the dissolved fraction of selected active pharmaceutical ingredients, transformation products and other organic substances in water and treated waste water — Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) after direct injection	E	ISO 11990:2018	fr <sup>2</sup>	Lasers and laser-related equipment — Determination of laser resistance of tracheal tube shaft and tracheal tube cuffs	C
ISO 8199:2018	en fr	Water quality — General requirements and guidance for microbiological examinations by culture	G	TC 182		Geotechnics	
ISO 10634:2018	en fr	Water quality — Preparation and treatment of poorly water-soluble organic compounds for the subsequent evaluation of their biodegradability in an aqueous medium	C	ISO 22477-1:2018	en fr	Geotechnical investigation and testing — Testing of geotechnical structures — Part 1: Testing of piles: static compression load testing	D
TC 156		Corrosion of metals and alloys		TC 184		Automation systems and integration	
ISO 16701:2015	fr <sup>2</sup>	Corrosion of metals and alloys — Corrosion in artificial atmosphere — Accelerated corrosion test involving exposure under controlled conditions of humidity cycling and intermittent spraying of a salt solution	C	ISO 8000-2:2018	en	Data quality — Part 2: Vocabulary	A
TC 157		Non-systemic contraceptives and STI barrier prophylactics		ISO 10303-57:2018	en	Industrial automation systems and integration — Product data representation and exchange — Part 57: Integrated generic resource: Persistent identification of elements in procedural shape modelling	F
ISO 19671:2018	en	Additional lubricants for male natural rubber latex condoms — Effect on condom strength	C	ISO 10303-62:2018	en	Industrial automation systems and integration — Product data representation and exchange — Part 62: Integrated generic resource: Equivalence validation of product data	C
ISO/TR 19969:2018	en	Guidance on sample handling for determination of bursting volume and pressure, and testing for freedom from holes for male condom	B	ISO/TR 22400-10:2018	en	Automation systems and integration — Key performance indicators (KPIs) for manufacturing operations management — Part 10: Operational sequence description of data acquisition	E
TC 159		Ergonomics		TC 189		Ceramic tile	
ISO 20685-1:2018	en fr	3-D scanning methodologies for internationally compatible anthropometric databases — Part 1: Evaluation protocol for body dimensions extracted from 3-D body scans	D	ISO 10545-2:2018	fr <sup>1</sup>	Ceramic tiles — Part 2: Determination of dimensions and surface quality	C
TC 160		Glass in building		TC 190		Soil quality	
ISO/TS 18178:2018	en	Glass in building — Laminated solar photovoltaic glass for use in buildings	C	ISO 18400-104:2018	en fr	Soil quality — Sampling — Part 104: Strategies	H
ISO 19916-1:2018	en fr	Glass in building — Vacuum insulating glass — Part 1: Basic specification of products and evaluation methods for thermal and sound insulating performance	E	ISO 18400-202:2018	en fr	Soil quality — Sampling — Part 202: Preliminary investigations	E
TC 165		Timber structures		ISO 18400-203:2018	en fr	Soil quality — Sampling — Part 203: Investigation of potentially contaminated sites	E
ISO 9709:2018	en fr	Structural timber — Visual strength grading — Basic principles	F	ISO 18400-205:2018	en fr	Soil quality — Sampling — Part 205: Guidance on the procedure for investigation of natural, near-natural and cultivated sites	C
TC 172		Optics and photonics		ISO 23161:2018	en fr	Soil quality — Determination of selected organotin compounds — Gas-chromatographic method	F
ISO 10110-14:2018	en fr	Optics and photonics — Preparation of drawings for optical elements and systems — Part 14: Wavefront deformation tolerance	B	ISO 18400-206:2018	en fr	Soil quality — Sampling — Part 206: Collection, handling and storage of soil under aerobic conditions for the assessment of microbiological processes, biomass and diversity in the laboratory	B
ISO 9211-6:2018	en	Optics and photonics — Optical coatings — Part 6: Minimum requirements for reflecting coatings	A	ISO 17924:2018	en fr	Soil quality — Assessment of human exposure from ingestion of soil and soil material — Procedure for the estimation of the human bioaccessibility/bioavailability of metals in soil	D
ISO 9211-7:2018	fr <sup>1</sup>	Optics and photonics — Optical coatings — Part 7: Minimum requirements for neutral beam splitter coatings	A	TC 193		Natural gas	

ISO 6974-3:2018	en fr	Natural gas — Determination of composition and associated uncertainty by gas chromatography — Part 3: Precision and bias	B	ISO 24343-3:2018	en fr	Resilient and laminate floor coverings — Determination of indentation and residual indentation — Part 3: Indentation of resilient semi-flexible/vinyl composition tiles	A
ISO 20676:2018	en fr	Natural gas — Upstream area — Determination of hydrogen sulfide content by laser absorption spectroscopy	C	TC 228		Tourism and related services	
TC 197		Hydrogen technologies		ISO 20611:2018	fr <sup>1</sup>	Adventure tourism — Good practices for sustainability — Requirements and recommendations	B
ISO 19881:2018	en	Gaseous hydrogen — Land vehicle fuel containers	G	TC 229		Nanotechnologies	
TC 198		Sterilization of health care products		ISO/TS 21362:2018	fr <sup>1</sup>	Nanotechnologies — Analysis of nano-objects using asymmetrical-flow and centrifugal field-flow fractionation	F
ISO 11135:2014/ Amd 1:2018	en fr	Sterilization of health-care products — Ethylene oxide — Requirements for the development, validation and routine control of a sterilization process for medical devices — Amendment 1: Revision of Annex E, Single batch release	XZ	TC 238		Solid biofuels	
ISO 25424:2018	en fr	Sterilization of health care products — Low temperature steam and formaldehyde — Requirements for development, validation and routine control of a sterilization process for medical devices	F	ISO 20023:2018	en fr	Solid biofuels — Safety of solid biofuel pellets — Safe handling and storage of wood pellets in residential and other small-scale applications	F
TC 201		Surface chemical analysis		TC 260		Human resource management	
ISO 14701:2018	en	Surface chemical analysis — X-ray photoelectron spectroscopy — Measurement of silicon oxide thickness	C	ISO 30401:2018	en fr	Knowledge management systems — Requirements	D
TC 202		Microbeam analysis		TC 267		Facility management	
ISO 20720:2018	en	Microbeam analysis — Methods of specimen preparation for analysis of general powders using WDS and EDS	B	ISO 41001:2018	fr <sup>1</sup>	Facility management — Management systems — Requirements with guidance for use	F
TC 204		Intelligent transport systems		TC 269		Railway applications	
ISO 14906:2018	en fr	Electronic fee collection — Application interface definition for dedicated short-range communication	H	ISO 20138-1:2018	en fr	Railway applications — Calculation of braking performance (stopping, slowing and stationary braking) — Part 1: General algorithms utilizing mean value calculation	G
ISO 24102-1:2018	en	Intelligent transport systems — ITS station management — Part 1: Local management	F	ISO/TR 22131:2018	en	Railway applications — Railway braking — Country specific applications for ISO 20138-1	D
ISO 24102-2:2018	en	Intelligent transport systems — ITS station management — Part 2: Remote management of ITS-SCUs	F	TC 281		Fine bubble technology	
ISO 24102-3:2018	en	Intelligent transport systems — ITS station management — Part 3: Service access points	G	ISO 21255:2018	en	Fine bubble technology — Storage and transportation of ultrafine bubble dispersion in water	A
ISO 24102-4:2018	en	Intelligent transport systems — ITS station management — Part 4: Station-internal management communications	F	TC 282		Water reuse	
TC 215		Health informatics		ISO 20419:2018	en	Treated wastewater reuse for irrigation — Guidelines for the adaptation of irrigation systems and practices to treated wastewater	F
ISO/IEE 11073-20601:2016	fr <sup>1</sup>	Health informatics — Personal health device communication — Part 20601: Application profile — Optimized exchange protocol	H	ISO 20468-1:2018	en	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 1: General	D
TC 219		Floor coverings		TC 292		Security and resilience	
ISO 24343-2:2018	en fr	Resilient and laminate floor coverings — Determination of indentation and residual indentation — Part 2: Short-term indentation and residual indentation of resilient floor covering	A	ISO 22326:2018	en	Security and resilience — Emergency management — Guidelines for monitoring facilities with identified hazards	B
				ISO 22327:2018	en	Security and resilience — Emergency management — Guidelines for implementation of a community-based landslide early warning system	C
				ISO 22382:2018	en	Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines for the content, security, issuance and examination of excise tax stamps	E

IULTCS		International Union of Leather Technologists and Chemists Societies		ISO/IEC 10118-3:2018	en	IT Security techniques — Hash-functions — Part 3: Dedicated hash-functions	H
ISO 23702-1:2018	en fr	Leather — Organic fluorine — Part 1: Determination of the non-volatile compound content by extraction method using liquid chromatography/tandem mass spectrometry detector (LC-MS/MS)	D	ISO/IEC TS 19608:2018	en	Guidance for developing security and privacy functional requirements based on ISO/IEC 15408	F
JTC 1		Information technology		ISO/IEC 27050-2:2018	en	Information technology — Electronic discovery — Part 2: Guidance for governance and management of electronic discovery	B
ISO/IEC/IEEE 8802-3:2017/ Amd 6:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 6: Physical layer specifications and management parameters for ethernet passive optical networks protocol over coax	H	ISO/IEC 29147:2018	en	Information technology — Security techniques — Vulnerability disclosure	E
ISO/IEC/IEEE 8802-3:2017/ Amd 8:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 8: Physical layer and management parameters for power over data lines (PoDL) of single balanced twisted-pair ethernet	G	ISO/IEC 21000-8:2008/ Amd 4:2018	en	Information technology — Multimedia framework (MPEG-21) — Part 8: Reference software — Amendment 4: Media value chain ontology extensions on time-segments and multi-track audio	XZ
ISO/IEC/IEEE 8802-3:2017/ Amd 9:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 9: Physical layer specifications and management parameters for 1000 Mb/s operation over plastic optical fiber	H	ISO/IEC 23000-17:2018	en	Information technology — Multimedia application format (MPEG-A) — Part 17: Multiple sensorial media application format	D
ISO/IEC/IEEE 8802-3:2017/ Amd 9:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 9: Physical layer specifications and management parameters for 1000 Mb/s operation over plastic optical fiber	H	ISO/IEC 23000-19:2018/ Amd 1:2018	en	Information technology — Multimedia application format (MPEG-A) — Part 19: Common media application format (CMAF) for segmented media — Amendment 1: SHVC media profile and additional audio media profiles	XZ
ISO/IEC/IEEE 8802-3:2017/ Amd 9:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 9: Physical layer specifications and management parameters for 1000 Mb/s operation over plastic optical fiber	H	ISO/IEC 23009-4:2018	en	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 4: Segment encryption and authentication	E
ISO/IEC/IEEE 8802-3:2017/ Amd 9:2018	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 9: Physical layer specifications and management parameters for 1000 Mb/s operation over plastic optical fiber	H	ISO/IEC 29167-21:2018	en	Information technology — Automatic identification and data capture techniques — Part 21: Crypto suite SIMON security services for air interface communications	F
ISO/IEC 8824-1:2015/Cor 3:2018	en	Information technology — Abstract Syntax Notation One (ASN.1): Specification of basic notation — Part 1: — Technical Corrigendum 3	free				
ISO/IEC 8825-7:2015/Cor 4:2018	en	Information technology — ASN.1 encoding rules — Part 7: Specification of Octet Encoding Rules (OER) — Technical Corrigendum 4	free				
ISO/IEC 8825-8:2018	en	Information technology — ASN.1 encoding rules — Part 8: Specification of JavaScript Object Notation Encoding Rules (JER)	E	TC 8		Ships and marine technology	
ISO/IEC/IEEE 24748-1:2018	en	Systems and software engineering — Life cycle management — Part 1: Guidelines for life cycle management	G	ISO 13122:2011		(reconfirmed)	
ISO/IEC 24787:2018	en	Information technology — Identification cards — On-card biometric comparison	E	ISO 22673:2008		(reconfirmed)	
ISO/IEC 14776-263:2018	en	Information technology — Small computer system interface (SCSI) — Part 263: SAS protocol layer - 3 (SPL-3)	H	ISO 7255:1985		(reconfirmed)	
				TC 10		Technical product documentation	
				ISO/TS 128-71:2010			
				TC 17		Steel	
				ISO 683-14:2004		(reconfirmed)	
				ISO 683-15:1992		(reconfirmed)	
				TC 22		Road vehicles	
				ISO 2416:1992		(reconfirmed)	
				ISO 2958:1973		(reconfirmed)	

## Standards confirmed

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

TC 8	Ships and marine technology
ISO 13122:2011	(reconfirmed)
ISO 22673:2008	(reconfirmed)
ISO 7255:1985	(reconfirmed)
TC 10	Technical product documentation
ISO/TS 128-71:2010	
TC 17	Steel
ISO 683-14:2004	(reconfirmed)
ISO 683-15:1992	(reconfirmed)
TC 22	Road vehicles
ISO 2416:1992	(reconfirmed)
ISO 2958:1973	(reconfirmed)

ISO 3208:1974	(reconfirmed)	ISO 1004-2:2013	
ISO 4030:1983	(reconfirmed)	TC 92	Fire safety
ISO 13400-1:2011		ISO 14697:2007	(reconfirmed)
ISO 15765-1:2011		ISO 834-6:2000	(reconfirmed)
ISO 7440-2:1991	(reconfirmed)	ISO 19701:2013	
TC 23	Tractors and machinery for agriculture and forestry	TC 105	Steel wire ropes
ISO 16231-1:2013		ISO 12076:2002	(reconfirmed)
ISO 5721-1:2013		TC 110	Industrial trucks
ISO 16236:2013		ISO 2330:2002	
ISO 22866:2005	(reconfirmed)	ISO/TS 3691-7:2011	(reconfirmed)
TC 27	Solid mineral fuels	ISO 13564-1:2012	
ISO 579:2013		ISO 20898:2008	(reconfirmed)
ISO 975:2013		TC 113	Hydrometry
ISO 5071-1:2013		ISO 4377:2012	
ISO 5072:2013		ISO 8333:1985	(reconfirmed)
ISO 5073:2013		TC 131	Fluid power systems
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources	ISO 9974-1:1996	(reconfirmed)
ISO 1516:2002	(reconfirmed)	ISO 9974-2:1996	(reconfirmed)
ISO 1523:2002	(reconfirmed)	ISO 9974-3:1996	(reconfirmed)
ISO 3648:1994	(reconfirmed)	ISO 6263:2013	
ISO 3837:1993	(reconfirmed)	ISO 7790:2013	
ISO 6251:1996	(reconfirmed)	ISO 9461:1992	(reconfirmed)
ISO 8973:1997	(reconfirmed)	ISO 17082:2004	(reconfirmed)
ISO 14596:2007	(reconfirmed)	ISO 4021:1992	(reconfirmed)
TC 29	Small tools	ISO 11170:2013	
ISO 15637-1:2002	(reconfirmed)	TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO 15637-2:2002	(reconfirmed)	ISO 3633:2002	(reconfirmed)
ISO 11415:1997	(reconfirmed)	TC 142	Cleaning equipment for air and other gases
ISO 5742:2004	(reconfirmed)	ISO 10121-2:2013	
ISO 5744:2004	(reconfirmed)	TC 146	Air quality
ISO 5745:2004	(reconfirmed)	ISO 21438-2:2009	
ISO 6788:1997	(reconfirmed)	TC 150	Implants for surgery
ISO 8764-1:2004	(reconfirmed)	ISO 5841-3:2013	
ISO 8979:2004	(reconfirmed)	ISO 11318:2002	(reconfirmed)
ISO 9654:2004	(reconfirmed)	TC 186	Cutlery and table and decorative metal hollow-ware
ISO 9655:2004	(reconfirmed)	ISO 4481:1977	(reconfirmed)
ISO 9656:2004	(reconfirmed)	TC 198	Sterilization of health care products
ISO 9657:2004	(reconfirmed)	ISO 11137-2:2013	
ISO 10914:1996	(reconfirmed)	TC 205	Building environment design
ISO 11168:1995	(reconfirmed)	ISO 16484-2:2004	(reconfirmed)
TC 34	Food products	TC 207	Environmental management
ISO 7002:1986	(reconfirmed)	ISO 14051:2011	
ISO 14470:2011		TC 209	Cleanrooms and associated controlled environments
ISO 16634-1:2008	(reconfirmed)	ISO 14644-5:2004	(reconfirmed)
TC 37	Language and terminology	TC 212	Clinical laboratory testing and in vitro diagnostic test systems
ISO 22274:2013		ISO 15197:2013	
TC 43	Acoustics	ISO/TS 17518:2015	
ISO 8297:1994	(reconfirmed)	TC 218	Timber
ISO 717-1:2013		ISO 631:1975	(reconfirmed)
TC 61	Plastics		
ISO 472:2013			
TC 68	Financial services		
ISO 1004-1:2013			

ISO 1072:1975	(reconfirmed)
ISO 2036:1976	(reconfirmed)
ISO 2299:1973	(reconfirmed)
ISO 2301:1973	(reconfirmed)
ISO 5326:1978	(reconfirmed)
ISO 5327:1978	(reconfirmed)
ISO 5328:1978	(reconfirmed)
ISO 5329:1978	(reconfirmed)
ISO 8904:1990	(reconfirmed)
ISO 8905:1988	(reconfirmed)
TC 227	Springs
ISO 2162-2:1993	(reconfirmed)
TC 256	Pigments, dyestuffs and extenders
ISO 510:1977	(reconfirmed)
ISO 4620:1986	(reconfirmed)
ISO 6503:1984	(reconfirmed)
ISO 6713:1984	(reconfirmed)
ISO 7252:1984	(reconfirmed)
TC 268	Sustainable cities and communities
ISO/TS 37151:2015	
TMBG	Technical Management Board - groups
ISO 10377:2013	
JTC 1	Information technology
ISO/IEC TR 14516:2002	
ISO/IEC TR 29149:2012	
ISO/IEC 29192-4:2013	
ISO/IEC 24769-2:2013	
ISO/IEC TS 30135-1:2014	
ISO/IEC TS 30135-2:2014	
ISO/IEC TS 30135-3:2014	
ISO/IEC TS 30135-4:2014	
ISO/IEC TS 30135-5:2014	
ISO/IEC TS 30135-6:2014	
ISO/IEC TS 30135-7:2014	

## Standards withdrawn

Period from 01 October to 31 October 2018

TC 27	Solid mineral fuels
ISO/TS 13605:2012	(replaced by ISO 13605:2018)
TC 31	Tyres, rims and valves

ISO 4251-4:2010	(replaced by )
TC 70	Internal combustion engines
ISO/TS 23556:2007	(replaced by )
TC 72	Textile machinery and accessories
ISO 7506:1984	(replaced by )
TC 83	Sports and other recreational facilities and equipment
ISO 378:1980	(replaced by )
ISO 379:1980	(replaced by )
TC 106	Dentistry
ISO/TS 22911:2016	(replaced by ISO 7405:2018)
TC 121	Anaesthetic and respiratory equipment
ISO 5358:1992	(replaced by )
TC 135	Non-destructive testing
ISO/TR 25108:2006	(replaced by ISO/TS 25108:2018)
TC 159	Ergonomics
ISO 20685:2010	(replaced by ISO 20685-1:2018)
ISO 9241-16:1999	(replaced by )
ISO 9241-15:2008	(replaced by )
TC 179	Masonry
ISO 9652-4:2000	(replaced by )
ISO 9652-5:2000	(replaced by )
TC 190	Soil quality
ISO 10381-1:2002	(replaced by ISO 18400-107:2017, ISO 18400-101:2017, ISO 18400-104:2018)
ISO 10381-4:2003	(replaced by ISO 18400-104:2018, ISO 18400-202:2018, ISO 18400-205:2018)
ISO 10381-5:2005	(replaced by ISO 18400-104:2018, ISO 18400-202:2018, ISO 18400-203:2018)
ISO 10381-8:2006	(replaced by ISO 18400-104:2018)
ISO 10381-6:2009	(replaced by ISO 18400-105:2017, ISO 18400-102:2017, ISO 18400-104:2018, ISO 18400-206:2018)
ISO/TS 17924:2007	(replaced by ISO 17924:2018)
JTC 1	Information technology
ISO/IEC TS 24748-1:2016	(replaced by ISO/IEC/IEEE 24748-1:2018)
ISO 1861:1975	(replaced by )
ISO 4057:1986	(replaced by )
ISO 8063-1:1986	(replaced by )
ISO 8063-2:1986	(replaced by )
ISO 8378-2:1986	(replaced by )
ISO 8462-1:1986	(replaced by )
ISO 8462-2:1986	(replaced by )
ISO 8630-2:1987	(replaced by )
ISO 2132:1972	(replaced by )
ISO 2133:1976	(replaced by )
ISO 3066:1986	(replaced by )
ISO 4232-2:1980	(replaced by )
ISO 4232-3:1984	(replaced by )
ISO 5138-1:1978	(replaced by )
ISO 5138-2:1980	(replaced by )
ISO 5138-3:1981	(replaced by )
ISO 5138-4:1981	(replaced by )

ISO 5138-5:1981 (replaced by )  
ISO 5138-7:1986 (replaced by )  
ISO 5138-9:1984 (replaced by )

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## Meeting calendar

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The meeting calendar is available at

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