

ISO Update

Supplement to ISOfocus

August 2019

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 July to 31 July 2019

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

PC 310 ISO/CD 31110	Wheeled child conveyances Wheeled child conveyances — Pushchairs and prams - Requirements and test methods	ISO 1726-3:2010/CD Amd 1	Road vehicles — Mechanical couplings between tractors and semi-trailers — Part 3: Requirements for semi-trailer contact area to fifth wheel — Amendment 1
TC 8 ISO/CD 23152	Ships and marine technology Ultraviolet Ballast Water Management System-- Mathematical Modeling and Calculations on Scaling — RANS-DO Modeling	ISO/CD 13044-2	Road vehicles — Fully automatic coupling systems 24 V (FACS) for heavy commercial vehicle combinations — Part 2: 50 mm fifth wheel couplings — Electrical and pneumatic interface
TC 10 ISO/CD 81346-10	Technical product documentation Industrial systems, installations and equipment and industrial products — Structuring principles and reference designation — Part 10: Power plants	TC 31 ISO/CD 4250-3	Tyres, rims and valves Earth-mover tyres and rims — Part 3: Rims
TC 20 ISO/CD 22893 ISO/CD 23665	Aircraft and space vehicles Space systems — Software Product Assurance Unmanned aircraft systems — Training for personnel involved in UAS operations	TC 33 ISO/CD 23071	Refractories Refractory products — Determination of reduced species in carbon containing refractories by XRD
TC 22 ISO/CD 4926 ISO/CD 19206-3	Road vehicles Road vehicles — Hydraulic braking systems — Nonpetroleum-base reference fluid Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 3: Requirements for passenger vehicle 3D targets	TC 34 ISO/CD 24081	Food products Ground cassava leaves (isombe) — Specification
ISO/CD TS 12103-3 ISO/CD 18246	Road vehicles — Test contaminants for filter evaluation — Part 3: Soot aerosol Electrically propelled mopeds and motorcycles — Safety requirements for conductive connection to an external electric power supply	ISO/CD 24090	Dried barberry — Specifications and test methods
ISO/DTR 21959-2	Road vehicles — Human performance and state in the context of automated driving — Part 2: Experimental guidance to investigate transition processes	ISO/CD 18447	Tea — Determination of theaflavins in black tea — Method using high performance liquid chromatography
		ISO/CD 5984	Animal feeding stuffs — Determination of crude ash
		TC 35 ISO/DTS 23973	Paints and varnishes Liquid Chromatography at Critical Conditions (LCCC) — Chemical heterogeneity of polyethylene oxides
		ISO/CD 3219-1	Rheology — Part 1: General terms and definitions for rotational and oscillatory rheometry
		ISO/CD 3219-2	Rheology — Part 2: General principles of rotational and oscillatory rheometry
		TC 37 ISO/CD 24620-3	Language and terminology Language resource management — Controlled human communication (CHC) — Part 3: Part 3: Basic principles and methodology for controlled oral communication (COraCom)
		TC 38 ISO/CD 21765	Textiles Textiles — Determination of fabric deformability by forced mechanical distension
		TC 39 ISO/CD 230-10	Machine tools Test code for machine tools — Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools
		ISO/CD 10791-10	Test conditions for machining centres — Part 10: Evaluation of thermal distortions
		TC 42 ISO/DTR 20791-1	Photography Photography - Photographic reflection prints — Part 1: Evaluation methods of image quality
		TC 54 ISO/CD 3044	Essential oils Essential oil of <i>Corymbia citriodora</i> (Hook.) K.D. Hill & L.A.S. Johnson (syn. <i>Eucalyptus citriodora</i> Hook)
		ISO/CD 4727	Oil of palmarosa (<i>Cymbopogon martinii</i> (Roxburgh) W. Watson var. <i>motia</i>)
		TC 61 ISO/CD 23977-1	Plastics Plastics — Determination of the aerobic biodegradation of plastic materials exposed to seawater — Part 1: Method by analysis of evolved carbon dioxide

ISO/CD 23977-2	Plastics — Determination of the aerobic biodegradation of plastic materials exposed to seawater — Part 2: Method by measuring the oxygen demand in closed respirometer	ISO/CD 8980-3	Ophthalmic optics — Uncut finished spectacle lenses — Part 3: Transmittance specifications and test methods
TC 70	Internal combustion engines	TC 176	Quality management and quality assurance
ISO/CD 8528-3	Reciprocating internal combustion engine driven alternating current generating sets — Part 3: Alternating current generators for generating sets	ISO/CD 10014	Quality management — Guidelines for realizing financial and economic benefits
TC 71	Concrete, reinforced concrete and pre-stressed concrete	TC 184	Automation systems and integration
ISO/CD 22873	Quality control for mixing fibre-reinforced concretes in the fresh condition	ISO/CD 23247-1	Digital Twin manufacturing framework — Part 1: Overview and general principles
TC 102	Iron ore and direct reduced iron	ISO/CD 23247-2	Digital Twin manufacturing framework — Part 2: Reference architecture
ISO/DTS 21826	Iron ores — Determination of total iron content — EDTA titrimetric method	ISO/CD 23247-3	Digital Twin manufacturing framework — Part 3: Digital representation of physical manufacturing elements
TC 106	Dentistry	ISO/CD 23247-4	Digital Twin manufacturing framework — Part 4: Information exchange
ISO/CD 7711-1	Dentistry — Dental diamond instruments — Part 1: General requirements	TC 188	Small craft
TC 130	Graphic technology	ISO/CD 7840	Small craft — Fire-resistant fuel hoses
ISO/CD 12647-9	Graphic technology — Process control for the manufacture of half-tone colour separations, proofs and production prints — Part 9: Metal decoration printing processes	ISO/CD 8469	Small craft — Non-fire-resistant fuel hoses
ISO/DTS 15311-1	Graphic technology — Print quality requirements for printed matter — Part 1: Measurement methods and reporting schema	ISO/CD 13590	Small craft — Personal watercraft — Construction and system installation requirements
ISO/DTS 19303-1	Graphic Technology — Guidelines for Schema Writers — Part 1: Packaging printing	TC 190	Soil quality
ISO/CD 22934	Graphic technology — Communication of paste ink properties	ISO/CD 23400	Guidelines for the determination of organic carbon and nitrogen stocks and their variations in mineral soil at plot scale
TC 147	Water quality	ISO/CD 11916-3	Soil quality — Determination of selected explosives and related compounds — Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS)
ISO/CD 23563	Water quality — Determination of total organic carbon (TOC) after heated persulfate oxidation and gas phases transfer of carbon dioxide — Sealed tube TOC (ST-TOC)	ISO/CD 15192	Characterization of soil and waste — Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection
ISO/CD 13160	Water quality — Strontium 90 and strontium 89 — Test methods using liquid scintillation counting or proportional counting	ISO/CD 24032	Soil quality — In situ caging of snails to assess bioaccumulation of contaminants
TC 150	Implants for surgery	TC 193	Natural gas
ISO/CD 23089-2	Implants for surgery — Pre-clinical mechanical and fretting corrosion assessment of spinal implants — Part 2: Spinal Cages	ISO/CD 23978	Natural gas — Upstream area — Determination of composition by Laser Raman spectroscopy
ISO/CD 21560	General requirements of TEMPs	TC 199	Safety of machinery
ISO/DTR 24560-1	Tissue engineered medical products — MRI evaluation of cartilage — Part 1: Clinical evaluation of regenerative knee articular cartilage using delayed gadolinium-enhanced MRI of cartilage (dGEMRIC) and T2 mapping	ISO/DTR 22053	Safety of machinery — Supporting protective system
TC 159	Ergonomics	TC 207	Environmental management
ISO/DTR 23076	Ergonomics — Recovery Model for cyclical industrial work	ISO/CD 19694-1	Stationary source emissions — Determination of greenhouse gas (GHG) emissions in energy-intensive industries — Part 1: General aspects
TC 161	Controls and protective devices for gas and/or oil	TC 211	Geographic information/Geomatics
ISO/CD 23551-11	Safety and control devices for gas burners and gas-burning appliances — Part 11: Automatic shut-off valves for operating pressure greater than 500 kPa	ISO/CD 19105	Geographic information — Conformance and testing
TC 164	Mechanical testing of metals	ISO/DTS 19159-4	Geographic information — Calibration and validation of remote sensing imagery sensors — Part 4: Space-borne passive microwave radiometers
ISO/CD 14577-5	Metallic materials — Instrumented indentation test for hardness and materials parameters — Part 5: Part 5: Linear elastic dynamic instrumented indentation testing (DIIT)	ISO/CDTS 19166	Geographic information — BIM to GIS conceptual mapping (B2GM)
TC 172	Optics and photonics	TC 215	Health informatics
		ISO/DTR 21394	Health informatics — Whole genome sequence markup language (WGML)
		TC 221	Geosynthetics
		ISO/CD 25619-1	Geosynthetics — Determination of compression behaviour — Part 1: Compressive creep properties
		TC 224	Service activities relating to drinking water supply, wastewater and storm-water systems

ISO/CD TS 24541	Services activities relating to drinking water supply systems and wastewater systems –Guidelines for the implementation of continuous water quality and operation mode monitoring system in a drinking water network	ISO/IEC PDTS 33053	Information technology — Process assessment — Process Reference Model (PRM) for quality management
TC 229	Nanotechnologies	ISO/IEC PDTS 33054	Information technology — Process assessment — Process Reference Model (PRM) for service management
ISO/DTS 21236-2	Nanotechnologies — Clay nanomaterials — Part 2: Specification of clay nanomaterials used for gas barrier films	ISO/IEC PDTS 33074	Information technology — Process assessment — Process Capability Assessment Model (PAM) for service management
ISO/DTS 21975	Nanotechnologies — Polymeric nanocomposite films for food packaging — Barrier properties: characteristics and measurement methods	ISO/IEC PDTS 22924	Identification Cards — Portability — Configurations for HCI/HCP interchange
ISO/DTS 80004-3	Nanotechnologies — Vocabulary — Part 3: Carbon nano-objects	ISO/IEC CD 9797-2	Information technology — Security techniques — Message Authentication Codes (MACs) — Part 2: Mechanisms using a dedicated hash-function
ISO/DTS 80004-6	Nanotechnologies — Vocabulary — Part 6: Nano-object characterization	ISO/IEC CD 20009-3	Information security — Anonymous entity authentication — Part 3: Mechanisms based on blind signatures
ISO/DTS 80004-8	Nanotechnologies — Vocabulary — Part 8: Nanomanufacturing processes	ISO/IEC PDTR 24485	Information technology — Security techniques — Security properties, test and evaluation guidance for white box cryptography
TC 238	Solid biofuels	ISO/IEC CD 27050-4	Information technology — Security techniques — Electronic discovery — Part 4: Technical readiness
ISO/CD 17225-1	Solid biofuels — Fuel specifications and classes — Part 1: General requirements	ISO/IEC CD 24711	Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components
ISO/CD 17225-2	Solid biofuels — Fuel specifications and classes — Part 2: Graded wood pellets	ISO/IEC 14496-15/ PDAM 1	Information technology — Coding of audiovisual objects — Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format — Amendment 1: Improved support for tiling and layering
ISO/CD 17225-3	Solid biofuels — Fuel specifications and classes — Part 3: Graded wood briquettes	ISO/IEC 15444-4:2004/ PDAM 1	Information technology — JPEG 2000 image coding system: Conformance testing — Part 4: — Amendment 1: Conformance testing for High-Throughput JPEG 2000 (HTJ2K)
ISO/CD 17225-4	Solid biofuels — Fuel specifications and classes — Part 4: Graded wood chips	ISO/IEC PDTR 23002-7	Information technology — MPEG video technologies — Part 7: Supplemental enhancement information messages for coded video bitstreams
ISO/DTS 17225-9	Solid biofuels — Fuel specifications and classes — Part 9: Graded hog fuel for industrial use	ISO/IEC 23008- 12:2017/PDAM 2	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 12: Image File Format — Amendment 2: Support for predictive image coding, bursts, bracketing, and other improvements
TC 249	Traditional Chinese medicine	ISO/IEC CD 23090-3	Coded representation of immersive media — Part 3: Versatile video coding
ISO/DTS 20498-3	Traditional Chinese medicine — Computerized tongue image analysis system — Part 3: Colour chart	ISO/IEC CD 23090-9	Information technology — Coded representation of immersive media — Part 9: Geometry based — PCC
ISO/CD 24571	Traditional Chinese Medicine — General requirements for the basic safety and essential performance of electro-acupuncture stimulator	ISO/IEC CD 23094-1	General video coding — Part 1: Essential video coding
TC 261	Additive manufacturing	ISO/IEC CD 29500-2	Document description and processing languages — Office Open XML file formats — Part 2: Open packaging conventions
ISO/ASTM CD 52924	Additive manufacturing — Qualification principles — Quality grades for additive manufacturing of polymer parts	ISO/IEC PDTR 22237-50	Information technology — Data centre facilities and infrastructures — Part 50: Earthquake risk and impact analysis
TC 275	Sludge recovery, recycling, treatment and disposal		
ISO/DTR 20736	Sludge recovery, recycling, treatment and disposal — Guidance document on thermal treatment of sludge		
TC 276	Biotechnology		
ISO/CD TS 20388	Biotechnology — Biobanking — Collection, processing, storage and transportation criteria for animal biological material		
ISO/CD TS 23105	Biotechnology — Biobanking — Collection, processing, storage and transportation criteria for plant biological material		
TC 282	Water reuse		
ISO/CD 22238	Water reuse — A guideline to wastewater disinfection and equivalent treatments		
ISO/CD 20468-4	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 4: UV Disinfection		
ISO/CD 23043	Evaluation methods for industrial wastewater treatment reuse processes		
TC 309	Governance of organizations		
ISO/CD 37000	Guidance for the governance of organizations		
JTC 1	Information technology		

DIS circulated

Period from 01 July to 31 July 2019

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			
PC 318	Community scale resource oriented sanitation treatment systems		ISO/DIS 13797	Ships and marine technology — Ship's mooring and towing fittings — Cruciform bollards (Revision of ISO 13797:2012)	
ISO/DIS 31800	Faecal sludge treatment units — Energy independent, prefabricated, community-scale, resource recovery units — Safety and performance requirements	2019-10-02	ISO/DIS 13798	Ships and marine technology — Ship's mooring and towing fittings — Recessed bitts (Steel plate type) (Revision of ISO 13798:2012)	
TC 4	Rolling bearings		ISO/DIS 13799	Ships and marine technology — Ship's mooring and towing fittings — Recessed bitts (Casting type) (Revision of ISO 13799:2012)	
ISO 15241:2012/DAmD 1	Rolling bearings — Symbols for physical quantities — Amendment 1		ISO/DIS 23113	Ships and marine technology — Ship's mooring and towing fittings — Seats for closed chocks	
TC 8	Ships and marine technology		ISO/DIS 23115	Ships and marine technology — Ship's mooring and towing fittings — Seats for mooring chocks	
ISO/DIS 21963	Ships and marine technology — Marine environment protection — Tank and piping systems for facilitating 5 ppm oil water separation	2019-10-02	ISO/DIS 23116	Ships and marine technology — Ship's mooring and towing fittings — Seats for Panama chocks	
ISO/DIS 13713	Ships and marine technology — Ship's mooring and towing fittings — Mooring chocks (Revision of ISO 13713:2012)		ISO/DIS 22252	Manned submersibles — Breathing air supply and carbon dioxide adsorption — Design requirements	2019-10-08
ISO/DIS 13728	Ships and marine technology — Ship's mooring and towing fittings — Panama chocks (Revision of ISO 13728:2012)		TC 21	Equipment for fire protection and fire fighting	
ISO/DIS 13729	Ships and marine technology — Ship's mooring and towing fittings — Closed chocks (Revision of ISO 13729:2012)		ISO/DIS 7240-3	Fire detection and alarm systems — Part 3: Audible alarm devices	2019-10-22
ISO/DIS 13733	Ships and marine technology — Ship's mooring and towing fittings — Universal fairleads with upper roller (Revision of ISO 13733:2012)	2019-09-30		(Revision of ISO 7240-3:2010)	
ISO/DIS 13742	Ships and marine technology — Ship's mooring and towing fittings — Universal fairleads without upper roller (Revision of ISO 13742:2012)	2019-10-02	TC 22	Road vehicles	
ISO/DIS 13755	Ships and marine technology — Ship's mooring and towing fittings — Steel rollers (Revision of ISO 13755:2012)		ISO/DIS 21111-1	Road vehicles — In-vehicle Ethernet — Part 1: General information and definitions	2019-09-30
ISO/DIS 13767	Ships and marine technology — Ship's mooring and towing fittings — Shipside roller fairleads (Revision of ISO 13767:2012)		ISO/DIS 21111-2	Road vehicles — In-vehicle Ethernet — Part 2: Common physical entity requirements	2019-09-30
ISO/DIS 13776	Ships and marine technology — Ship's mooring and towing fittings — Pedestal fairleads (Revision of ISO 13776:2012)		ISO/DIS 21111-3	Road vehicles — In-vehicle Ethernet — Part 3: Optical 1-Gbit/s physical entity requirements and conformance test plan	2019-09-30
ISO/DIS 13795	Ships and marine technology — Ship's mooring and towing fittings — Welded steel bollards for sea-going vessels (Revision of ISO 13795:2012)		ISO/DIS 8092-5	Road vehicles — Connections for on-board electrical wiring harnesses — Part 5: Test methods and general performance requirements for wiring harness connector operation	2019-10-07
			ISO/DIS 21308-2	Road vehicles — Product data exchange between chassis and bodywork manufacturers (BEP) — Part 2: Dimensional bodywork exchange parameters (Revision of ISO 21308-2:2006)	2019-09-26
			ISO/DIS 21308-3	Road vehicles — Product data exchange between chassis and bodywork manufacturers (BEP) — Part 3: General, mass and administrative exchange parameters (Revision of ISO 21308-3:2007)	2019-09-26
			TC 24	Particle characterization including sieving	

ISO/DIS 13319-1	Determination of particle size distribution — Electrical sensing zone method — Part 1: Aperture/orifice tube method (Revision of ISO 13319:2007)	2019-10-02	ISO/DIS 2922	Acoustics — Measurement of airborne sound emitted by vessels on inland waterways and harbours (Revision of ISO 2922:2000, ISO 2922:2000/Amd 1:2013)	2019-10-15
ISO/DIS 15900	Determination of particle size distribution — Differential electrical mobility analysis for aerosol particles (Revision of ISO 15900:2009)	2019-09-30	ISO/DIS 12999-2	Acoustics — Determination and application of measurement uncertainties in building acoustics — Part 2: Sound absorption	2019-10-03
TC 31	Tyres, rims and valves		TC 45	Rubber and rubber products	
ISO/DIS 20911	Radio frequency identification (RFID) tyre tags — Tyre attachment classification	2019-09-27	ISO/DIS 36	Rubber, vulcanized or thermoplastic — Determination of adhesion to textile fabrics (Revision of ISO 36:2017)	2019-10-14
ISO/DIS 20912	Conformance test methods for RFID enabled tyres	2019-09-27	ISO/DIS 289-2	Rubber, unvulcanized — Determinations using a shearing-disc viscometer — Part 2: Determination of pre-vulcanization characteristics (Revision of ISO 289-2:2016)	2019-10-14
TC 34	Food products		ISO/DIS 1432	Rubber, vulcanized or thermoplastic — Determination of low-temperature stiffening (Gehman test) (Revision of ISO 1432:2013)	2019-10-17
ISO 6579-1:2017/DAmD 1	Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella — Part 1: Detection of Salmonella spp. — Amendment 1: Broader range of incubation temperatures, amendment to the status of Annex D and correction of the composition of MSRV and SC	2019-09-30	ISO/DIS 4664-3	Rubber, vulcanized or thermoplastic — Determination of dynamic properties — Part 3: Glass transition temperature (T _g)	2019-10-10
ISO/DIS 23349	Animal and vegetable fats and oils — Determination of sterols and stanols in foods and dietary supplements containing added phytosterols	2019-10-15	ISO/DIS 15671	Rubber and rubber products — Determination of total sulfur content using an automatic analyser (Revision of ISO 15671:2000)	2019-10-01
TC 38	Textiles		ISO/DIS 21490	Rubber and rubber products — Determination of 2-Mercapto-benzothiazole content by high performance liquid chromatography (HPLC)	2019-10-07
ISO/DIS 22744-1.2	Textiles and textile product — Determination of organotin compounds — Part 1: Derivatization method using gas chromatography	2019-09-16	ISO/DIS 23075	Vulcanized rubbers — Determination of antidegradants by high-performance liquid chromatography	2019-10-07
ISO/DIS 105-B06	Textiles — Tests for colour fastness — Part B06: Colour fastness and ageing to artificial light at high temperatures: Xenon arc fading lamp test (Revision of ISO 105-B06:1998, ISO 105-B06:1998/Amd 1:2002)	2019-10-14	ISO/DIS 506	Rubber latex, natural, concentrate — Determination of volatile fatty acid number (Revision of ISO 506:1992)	2019-10-17
ISO/DIS 12945-1	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 1: Pilling box method (Revision of ISO 12945-1:2000)	2019-10-01	ISO/DIS 3303-1	Rubber- or plastics-coated fabrics — Determination of bursting strength — Part 1: Steel-ball method (Revision of ISO 3303-1:2012)	
ISO/DIS 12945-2	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method (Revision of ISO 12945-2:2000)	2019-10-01	ISO/DIS 3303-2	Rubber- or plastics-coated fabrics — Determination of bursting strength — Part 2: Hydraulic method (Revision of ISO 3303-2:2012)	
ISO/DIS 12945-3	Textiles — Determination of the fabric propensity to surface pilling, fuzzing or matting — Part 3: Random tumble pilling method (Revision of ISO 12945-3:2014)	2019-10-01	ISO/DIS 11193-1	Single-use medical examination gloves — Part 1: Specification for gloves made from rubber latex or rubber solution (Revision of ISO 11193-1:2008, ISO 11193-1:2008/Amd 1:2012)	2019-10-02
ISO/DIS 12945-4	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 4: Assessment of pilling, fuzzing or matting by visual analysis	2019-10-01	ISO/DIS 22843	Rubber bands — General requirements and test methods	
TC 43	Acoustics				2019-09-26

ISO/DIS 23464	Nitrile cleanroom gloves — Specification		ISO/DIS 80601-2-67	Medical electrical equipment — Part 2-67: Particular requirements for basic safety and essential performance of oxygen-conserving equipment (Revision of ISO 80601-2-67:2014)	2019-10-17
TC 58	Gas cylinders				
ISO/DIS 23088	Gas cylinders — Periodic inspection and testing of welded steel pressure drums — Capacities up to 1 000 l	2019-10-03	ISO/DIS 80601-2-69	Medical electrical equipment — Part 2-69: Particular requirements for basic safety and essential performance of oxygen concentrator equipment (Revision of ISO 80601-2-69:2014)	2019-10-17
TC 59	Buildings and civil engineering works				
ISO/DIS 19650-5	Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) — Information management using building information modelling — Part 5: security-minded approach to information management	2019-09-27	TC 126	Tobacco and tobacco products	
TC 61	Plastics		ISO/DIS 22980	Tobacco — Determination of the Content of Total alkaloids as Nicotine — Continuous-Flow Analysis Method using KSCN/DCIC	2019-10-03
ISO/DIS 10352	Fibre-reinforced plastics — Moulding compounds and prepregs — Determination of mass per unit area and fibre mass per unit area (Revision of ISO 10352:2010)	2019-09-30	TC 131	Fluid power systems	
ISO/DIS 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/DIS 23309	Hydraulic fluid power systems — Assembled systems — Methods of cleaning lines by flushing (Revision of ISO 23309:2007)	2019-10-07
TC 69	Applications of statistical methods		TC 136	Furniture	
ISO/DIS 7870-9	Control charts — Part 9: Control charts for autocorrelated processes	2019-10-01	ISO/DIS 24496	Office furniture — Office chairs — Methods for the determination of dimensions (Revision of ISO 24496:2017)	2019-10-14
ISO/DIS 22514-3	Statistical methods in process management — Capability and performance — Part 3: Machine performance studies for measured data on discrete parts (Revision of ISO 22514-3:2008)	2019-10-09	TC 147	Water quality	
TC 71	Concrete, reinforced concrete and pre-stressed concrete		ISO/DIS 22017	Water quality - Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation	2019-10-01
ISO/DIS 20290-1	Aggregates for concrete — Test methods for mechanical and physical properties — Part 1: Determination of bulk density, particle density, particle mass-per-volume and water absorption (Revision of ISO 6274:1982, ISO 6782:1982, ISO 6783:1982, ISO 7033:1987)	2019-10-09	ISO/DIS 5667-10	Water quality — Sampling — Part 10: Guidance on sampling of waste water (Revision of ISO 5667-10:1992)	2019-09-26
TC 110	Industrial trucks		TC 155	Nickel and nickel alloys	
ISO/DIS 10896-1	Rough-terrain trucks — Safety requirements and verification — Part 1: Variable-reach trucks (Revision of ISO 10896-1:2012)	2019-09-27	ISO/DIS 7524	Ferronickel — Determination of carbon content — Infrared absorption method after combustion in an induction furnace (routine method) (Revision of ISO 7524:1985)	2019-10-14
ISO/DIS 23676	Rough-terrain trucks — Operator training — Content and methods	2019-10-14	ISO/DIS 7526	Ferronickels — Determination of sulfur content — Infra-red absorption method after combustion in an induction furnace [Routine method] (Revision of ISO 7526:1985)	2019-10-14
TC 121	Anaesthetic and respiratory equipment		TC 156	Corrosion of metals and alloys	
			ISO/DIS 7539-10	Corrosion of metals and alloys — Stress corrosion testing — Part 10: Reverse U-bend method (Revision of ISO 7539-10:2013)	2019-10-14
			TC 159	Ergonomics	
			ISO/DIS 9241-110	Ergonomics of human-system interaction — Part 110: Interaction principles (Revision of ISO 9241-110:2006)	2019-10-15

TC 163	Thermal performance and energy use in the built environment		ISO/DIS 14053	Environmental management — Material flow cost accounting — Guidance for practical implementation in SMEs	2019-10-08
ISO/DIS 9229	Thermal insulation — Vocabulary	2019-10-14	TC 213	Dimensional and geometrical product specifications and verification	
	(Revision of ISO 9229:2007)		ISO 25178-72:2017/DAmD 1	Geometrical product specifications (GPS) — Surface texture: Areal — Part 72: XML file format x3p — Amendment 1	2019-10-01
TC 182	Geotechnics		TC 215	Health informatics	
ISO 18674-3:2017/DAmD 1	Geotechnical investigation and testing — Geotechnical monitoring by field instrumentation — Part 3: Measurement of displacements across a line: Inclometers — Amendment 1	2019-10-02	ISO/DIS 21393	Health informatics — Omics Markup Language (OML)	2019-10-08
ISO/DIS 18674-4	Geotechnical investigation and testing — Geotechnical monitoring by field instrumentation — Part 4: Measurement of pore water pressure: Piezometers	2019-10-09	TC 217	Cosmetics	
ISO/DIS 22475-1.2	Geotechnical investigation and testing — Sampling of soil, rock and ground water — Part 1: Technical principles (Revision of ISO 22475-1:2006)	2019-09-16	ISO/DIS 18861	Cosmetics — Sun protection test methods — Water resistance — Percentage of water resistance	
TC 184	Automation systems and integration		TC 219	Floor coverings	
ISO/DIS 23952	Quality information framework (QIF) — An integrated model of manufacturing quality information	2019-10-14	ISO/DIS 11638	Resilient floor coverings — Heterogeneous poly(vinyl chloride) flooring on foam — Specification	2019-09-26
TC 188	Small craft			(Revision of ISO 11638:2012)	
ISO/DIS 23411	Small craft — Steering wheels	2019-09-26	ISO/DIS 18167	Textile floor coverings — Installation practices — General	2019-10-08
TC 195	Building construction machinery and equipment			(Revision of ISO/PAS 18167:2014)	
ISO/DIS 15643	Road construction and maintenance equipment — Bituminous binder sprayers and binder sprayers/chipping spreaders — Terminology and commercial specifications (Revision of ISO 15643:2002, ISO 15643:2002/Amd 1:2012)	2019-10-17	TC 228	Tourism and related services	
TC 204	Intelligent transport systems		ISO/DIS 21902	Tourism and related services — Accessible tourism for all — Requirements and recommendations	2019-10-03
ISO 14906:2018/DAmD 1	Electronic fee collection — Application interface definition for dedicated short-range communication — Amendment 1	2019-09-30	ISO/DIS 22525	Tourism and related services — Medical tourism — Service requirements	2019-10-02
ISO/DIS 14907-1	Electronic fee collection — Test procedures for user and fixed equipment — Part 1: Description of test procedures (Revision of ISO/TS 14907-1:2015)	2019-09-30	TC 249	Traditional Chinese medicine	
ISO/DIS 17572-4	Intelligent transport systems (ITS) — Location referencing for geographic databases — Part 4: Precise relative location references (precise relative profile)	2019-10-10	ISO/DIS 22283	Traditional Chinese medicine — Determination of Aflatoxins in natural products by LC-FLD	2019-10-15
ISO/DIS 20530	Intelligent transport systems — Information for emergency service support via personal ITS station — General requirements and technical definition	2019-10-22	TC 256	Pigments, dyestuffs and extenders	
TC 207	Environmental management		ISO/DIS 3262-1	Extenders — specifications and methods of test — Part 1: Introduction and general test methods (Revision of ISO 3262-1:1997)	2019-10-02
			TC 282	Water reuse	
			ISO/DIS 20468-3	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 3: Ozone treatment technology	2019-10-09
			IULTCS	International Union of Leather Technologists and Chemists Societies	
			ISO/DIS 18219-2	Leather — Determination of chlorinated hydrocarbons in leather — Part 2: Chromatographic method for middle-chain chlorinated paraffins (MCCP) (Revision of ISO 18219:2015)	2019-09-24

JTC 1	Information technology				
ISO/IEC 19772:2009/DAmD 1	Information technology — Security techniques — Authenticated encryption — Amendment 1	2019-10-07	2019-10-07	Period from 01 July to 31 July 2019	
ISO/IEC DIS 19989-1	Information technology — Security techniques — Criteria and methodology for security evaluation of biometric systems — Part 1: Framework	2019-10-02	2019-10-02	These Final draft International Standards have been submitted to the ISO member bodies for formal approval by the date shown	
ISO/IEC DIS 20897-1	Security requirements and test methods for physically unclonable functions for generating non-stored security parameters — Part 1: Security requirements			* Available in English only	Vote terminates
ISO/IEC DIS 29184	Information technology — Online privacy notices and consent	2019-09-26	2019-09-26	TC 20	Aircraft and space vehicles
ISO/IEC DIS 15938-16	Information technology — Multimedia content description interface — Part 16: Conformance and reference software for compact descriptors for video analysis	2019-10-10	2019-10-10	ISO/FDIS 18387	Aerospace — Linear hydraulic utility actuator — General specifications
ISO/IEC DIS 19566-4	Information technologies — JPEG systems — Part 4: Privacy, security and IPR features				2019-09-05
ISO/IEC 23008-2/DAmD 1	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 2: High efficiency video coding — Amendment 1: Additional supplemental enhancement information	2019-10-02	2019-10-02	TC 22	Road vehicles
ISO/IEC 23009-5:2017/DAmD 1	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 5: Server and network assisted DASH (SAND) — Amendment 1: Improvements on SAND messages	2019-10-01	2019-10-01	ISO/FDIS 17987-8	Road vehicles — Local Interconnect Network (LIN) — Part 8: Electrical physical layer (EPL) specification: LIN over DC powerline (DC-LIN)
ISO/IEC DIS 23093-1	Information technology — Internet of media things — Part 1: Architecture	2019-10-03	2019-10-03	ISO/FDIS 20730-1	Road vehicles — Vehicle interface for electronic Periodic Technical Inspection (ePTI) — Part 1: Application and communication requirements
ISO/IEC DIS 21838-1	Information technology — Top-level ontologies (TLO) — Part 1: Requirements	2019-10-08	2019-10-08	ISO/FDIS 8820-8	Road vehicles — Fuse-links — Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450 V (Revision of ISO 8820-8:2012)
ISO/IEC DIS 21838-2	Information technology — Top-level ontologies (TLO) — Part 2: Basic Formal Ontology (BFO)	2019-10-08	2019-10-08	TC 27	Solid mineral fuels
ISO/IEC 30105-3:2016/DAmD 1	Information technology — IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 3: Measurement framework (MF) and organization maturity model (OMM) — Amendment 1			ISO/FDIS 21398	Hard coal and coke — Guidance to the inspection of mechanical sampling systems
ISO/IEC DIS 20547-3.2	Information technology — Big data reference architecture — Part 3: Reference architecture	2019-08-30	2019-08-30		2019-09-20
				ISO/FDIS 18806	Solid mineral fuels — Determination of chlorine content
					(Revision of ISO/TS 18806:2014)
				TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
				ISO/FDIS 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)
				TC 29	Small tools
				ISO/FDIS 1711-1	Assembly tools for screws and nuts — Technical specifications — Part 1: Hand-operated wrenches and sockets
					(Revision of ISO 1711-1:2016)
				ISO/FDIS 1711-2	Assembly tools for screws and nuts — Technical specifications — Part 2: Machine-operated sockets (impact)
					(Revision of ISO 1711-2:2016)
				TC 31	Tyres, rims and valves
				ISO/FDIS 18885-3	TPMS snap-in valves — Part 3: Performances
					2019-08-27
				TC 34	Food products

FDIS circulated

ISO/FDIS 21572	Foodstuffs — Molecular biomarker analysis — Immunochemical methods for the detection and quantification of proteins (Revision of ISO 21572:2013)	2019-08-29	ISO/FDIS 13938-2	Textiles — Bursting properties of fabrics — Part 2: Pneumatic method for determination of bursting strength and bursting distension (Revision of ISO 13938-2:1999)	2019-10-16
TC 35	Paints and varnishes		TC 39	Machine tools	
ISO/FDIS 6504-3	Paints and varnishes — Determination of hiding power — Part 3: Determination of hiding power of paints for masonry and concrete (Revision of ISO 6504-3:2006)	2019-09-21	ISO/FDIS 19085-15	Woodworking machines — Safety — Part 15: Presses	2019-09-06
ISO/FDIS 22553-1	Paints and varnishes — Electrodeposition coatings — Part 1: Vocabulary	2019-09-23	TC 44	Welding and allied processes	
ISO/FDIS 22553-2	Paints and varnishes — Electrodeposition coatings — Part 2: Throwing power	2019-09-23	ISO/FDIS 6947	Welding and allied processes — Welding positions (Revision of ISO 6947:2011)	2019-09-13
ISO/FDIS 22553-3	Paints and varnishes — Electrodeposition coatings — Part 3: Compatibility of electro-deposition coating materials with a reference oil	2019-09-23	ISO/FDIS 9090	Gas tightness of equipment for gas welding and allied processes (Revision of ISO 9090:1989)	
ISO/FDIS 22553-4	Paints and varnishes — Electrodeposition coatings — Part 4: Compatibility of electro-deposition coating materials with liquid, paste-like and solid foreign materials	2019-09-23	ISO/FDIS 13919-1	Electron and laser-beam welded joints — Requirements and recommendations on quality levels for imperfections — Part 1: Steel, nickel, titanium and their alloys (Revision of ISO 13919-1:1996)	2019-09-20
ISO/FDIS 22553-5	Paints and varnishes — Electrodeposition coatings — Part 5: Determination of sieve residue	2019-09-23	ISO/FDIS 15607	Specification and qualification of welding procedures for metallic materials — General rules (Revision of ISO 15607:2003, ISO 15607:2003/Cor 1:2005)	2019-09-03
ISO/FDIS 22553-6	Paints and varnishes — Electrodeposition coatings — Part 6: Entry marks	2019-09-23	TC 45	Rubber and rubber products	
ISO/FDIS 8504-1	Preparation of steel substrates before application of paints and related products — Surface preparation methods — Part 1: General principles (Revision of ISO 8504-1:2000)	2019-09-05	ISO/FDIS 2921	Rubber, vulcanized — Determination of low-temperature characteristics — Temperature-retraction procedure (TR test) (Revision of ISO 2921:2011)	2019-08-27
ISO/FDIS 8504-2	Preparation of steel substrates before application of paints and related products — Surface preparation methods — Part 2: Abrasive blast-cleaning (Revision of ISO 8504-2:2000)	2019-08-29	ISO/FDIS 20927	Rubber compounding ingredients — Precipitated silica — Determination of aggregate size distribution by disc centrifuge	2019-09-10
TC 38	Textiles		TC 58	Gas cylinders	
ISO/FDIS 1833-15	Textiles — Quantitative chemical analysis — Part 15: Mixtures of jute with certain animal fibres (method by determining nitrogen content) (Revision of ISO 1833-15:2006)	2019-09-24	ISO 11118:2015/ FDAMd 1	Gas cylinders — Non-refillable metallic gas cylinders — Specification and test methods — Amendment 1	2019-09-20
ISO/FDIS 105-A03	Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining (Revision of ISO 105-A03:1993, ISO 105-A03:1993/Cor 1:1997, ISO 105-A03:1993/Cor 2:2005)	2019-09-06	TC 59	Buildings and civil engineering works	
ISO/FDIS 13938-1	Textiles — Bursting properties of fabrics — Part 1: Hydraulic method for determination of bursting strength and bursting distension (Revision of ISO 13938-1:1999)	2019-10-16	ISO/FDIS 16938-1	Buildings and civil engineering works — Determination of the staining of porous substrates by sealants used in joints — Part 1: Test with compression (Revision of ISO 16938-1:2008)	2019-08-28
			ISO/FDIS 16938-2	Buildings and civil engineering works — Determination of the staining of porous substrates by sealants used in joints — Part 2: Test without compression (Revision of ISO 16938-2:2008)	2019-08-28
			TC 61	Plastics	
			ISO/FDIS 180	Plastics — Determination of Izod impact strength	2019-10-15

	(Revision of ISO 180:2000, ISO 180:2000/Amd 1:2006, ISO 180:2000/Amd 2:2013)		ISO/FDIS 16073-8	Wildland firefighting personal protective equipment — Requirements and test methods — Part 8: Hearing (Revision of ISO 16073:2011)	2019-09-23
ISO/FDIS 29988-1	Plastics — Polyoxymethylene (POM) moulding and extrusion materials — Part 1: Designation system and basis for specifications (Revision of ISO 29988-1:2018)	2019-10-10	TC 104	Freight containers	
TC 71	Concrete, reinforced concrete and pre-stressed concrete		ISO/FDIS 20854	Thermal containers — Safety standard for refrigerating systems using flammable refrigerants — Requirements for design and operation	2019-09-18
ISO/FDIS 1920-6	Testing of concrete — Part 6: Sampling, preparing and testing of concrete cores	2019-09-12	TC 106	Dentistry	
ISO/FDIS 20987	(Revision of ISO 1920-6:2004) Simplified design for mechanical connections between precast concrete structural elements in buildings	2019-09-16	ISO/FDIS 9693	Dentistry — Compatibility testing for metal-ceramic and ceramic-ceramic systems	2019-09-05
TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use		TC 107	Metallic and other inorganic coatings	(Revision of ISO 9693-1:2012, ISO 9693-2:2016)
ISO/FDIS 21881	Sterile packaged ready for filling glass cartridges	2019-09-10	ISO/FDIS 21874	PVD multi-layer hard coatings — Composition, structure and properties	2019-09-19
ISO/FDIS 21882	Sterile packaged ready for filling glass vials	2019-09-10	TC 108	Mechanical vibration, shock and condition monitoring	
TC 82	Mining		ISO/FDIS 6070	Auxiliary tables for vibration generators — Methods of describing equipment characteristics	2019-09-01
ISO 19225:2017/FDAmD 1	Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems — Amendment 1	2019-08-28	TC 110	Industrial trucks	
TC 83	Sports and other recreational facilities and equipment		ISO/FDIS 5053-2	Industrial trucks — Vocabulary — Part 2: Fork arms and attachments	2019-09-13
ISO/FDIS 8061	Alpine ski-bindings — Selection of release torques values		TC 113	Hydrometry	
	(Revision of ISO 8061:2015)		ISO/FDIS 8368.2	Hydrometric determinations — Flow measurements in open channels using structures — Guidelines for selection of structure (Revision of ISO 8368:1999)	2019-09-10
TC 94	Personal safety -- Personal protective equipment		TC 117	Fans	
ISO/FDIS 13287	Personal protective equipment — Footwear — Test method for slip resistance	2019-09-03	ISO/FDIS 12759-4	Fans — Efficiency classification for fans — Part 4: Driven fans at maximum operating speed	2019-09-03
ISO/FDIS 374-2	(Revision of ISO 13287:2012) Protective gloves against dangerous chemicals and micro-organisms — Part 2: Determination of resistance to penetration	2019-08-27	TC 118	Compressors and pneumatic tools, machines and equipment	
ISO/FDIS 374-4	Protective gloves against dangerous chemicals and micro-organisms — Part 4: Determination of resistance to degradation by chemicals	2019-08-28	ISO/FDIS 28927-1	Hand-held portable power tools — Test methods for evaluation of vibration emission — Part 1: Angle and vertical grinders (Revision of ISO 28927-1:2009, ISO 28927-1:2009/Amd 1:2017)	2019-10-01
ISO 27065:2017/FDAmD 1	Protective clothing — Performance requirements for protective clothing worn by operators applying pesticides and for re-entry workers — Amendment 1: Surrogate test chemical	2019-09-13	TC 123	Plain bearings	
			ISO/FDIS 12168-1	Plain bearings — Hydrostatic plain journal bearings without drainage grooves under steady-state conditions — Part 1: Calculation of oil-lubricated plain journal bearings without drainage grooves (Revision of ISO 12168-1:2001)	2019-09-08

ISO/FDIS 12168-2	Plain bearings — Hydrostatic plain journal bearings without drainage grooves under steady-state conditions — Part 2: Characteristic values for the calculation of oil-lubricated plain journal bearings without drainage grooves (Revision of ISO 12168-2:2001)	2019-09-08	TC 184	Automation systems and integration	
TC 146	Air quality		ISO/FDIS 21919-1	Automation systems and integration — Interfaces for automated machine tending — Part 1: Overview and fundamental principles	2019-09-17
ISO/FDIS 10312	Ambient air — Determination of asbestos fibres — Direct transfer transmission electron microscopy method (Revision of ISO 10312:1995)	2019-08-29	TC 190	Soil quality	
TC 147	Water quality		ISO/FDIS 21268-4	Soil quality — Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials — Part 4: Influence of pH on leaching with initial acid/base addition (Revision of ISO/TS 21268-4:2007)	2019-09-05
ISO/FDIS 21675	Water quality — Determination of perfluoroalkyl and polyfluoroalkyl substances (PFAS) in water — Method using solid phase extraction and liquid chromatography-tandem mass spectrometry (LC-MS/MS)	2019-09-04	ISO/FDIS 21365	Soil quality — Conceptual site models for potentially contaminated sites	2019-09-20
TC 159	Ergonomics		TC 197	Hydrogen technologies	
ISO/FDIS 24509	Ergonomics — Accessible design — A method for estimating minimum legible font size for people at any age	2019-09-04	ISO/FDIS 22734	Hydrogen generators using water electrolysis — Industrial, commercial, and residential applications (Revision of ISO 22734-1:2008, ISO 22734-2:2011)	2019-09-05
ISO/FDIS 24550	Ergonomics — Accessible design — Indicator lights on consumer products (Revision of ISO 24500:2010)	2019-09-24	TC 199	Safety of machinery	
ISO/FDIS 24551	Ergonomics — Accessible design — Spoken instructions of consumer products (Revision of ISO 24500:2010)	2019-09-24	ISO/FDIS 13857	Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs (Revision of ISO 13857:2008)	2019-09-05
TC 164	Mechanical testing of metals		TC 204	Intelligent transport systems	
ISO/FDIS 6892-1	Metallic materials — Tensile testing — Part 1: Method of test at room temperature (Revision of ISO 6892-1:2016)	2019-10-11	ISO/FDIS 12813	Electronic fee collection — Compliance check communication for autonomous systems (Revision of ISO 12813:2015, ISO 12813:2015/Amd 1:2017)	2019-09-04
TC 172	Optics and photonics		TC 206	Fine ceramics	
ISO/FDIS 10110-12	Optics and photonics — Preparation of drawings for optical elements and systems — Part 12: Aspheric surfaces (Revision of ISO 10110-12:2007, ISO 10110-12:2007/Amd 1:2013)	2019-09-21	ISO/FDIS 21821	Fine ceramics (advanced ceramics, advanced technical ceramics) — Determination of densification properties of ceramic powders on natural sintering	2019-09-16
ISO/FDIS 11551	Optics and photonics — Lasers and laser-related equipment — Test method for absorptance of optical laser components (Revision of ISO 11551:2003)	2019-09-20	ISO/FDIS 22197-2	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials — Part 2: Removal of acetaldehyde (Revision of ISO 22197-2:2011)	2019-09-04
TC 178	Lifts, escalators and moving walks		ISO/FDIS 22197-3	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials — Part 3: Removal of toluene (Revision of ISO 22197-3:2011)	2019-09-04
ISO/FDIS 8100-30	Lifts for the transport of persons and goods — Part 30: Class I, II, III and IV lifts installation (Revision of ISO 4190-1:2010, ISO 4190-1:2010/Cor 1:2011)		TC 207	Environmental management	
TC 182	Geotechnics		IEC/FDIS 62430	Environmentally conscious design (ECD) — Principles, requirements and guidance	2019-09-13
ISO/FDIS 18674-5	Geotechnical investigation and testing — Geotechnical monitoring by field instrumentation — Part 5: Stress change measurements by total pressure cells (TPC)	2019-09-10			

ISO/FDIS 14007	Environmental management — Guidelines for determining environmental costs and benefits	2019-09-10	ISO/IEC/IEEE FDIS 21840	Systems and software engineering — Guidelines for the utilization of ISO/IEC/IEEE 15288 in the context of system of systems (SoS)	2019-09-13
TC 212	Clinical laboratory testing and in vitro diagnostic test systems		ISO/IEC FDIS 10373-7	Cards and security devices for personal identification — Test methods — Part 7: Contactless vicinity objects	2019-09-19
ISO/FDIS 35001	Biorisk management for laboratories and other related organisations	2019-09-03		(Revision of ISO/IEC 10373-7:2008)	
TC 219	Floor coverings		ISO/IEC FDIS 18013-4	Personal identification — ISO-compliant driving licence — Part 4: Test methods	2019-09-16
ISO/FDIS 24337	Laminate floor coverings — Determination of geometrical characteristics	2019-09-09		(Revision of ISO/IEC 18013-4:2011, ISO/IEC 18013-4:2011/Cor 1:2013)	
	(Revision of ISO 24337:2006)				
TC 220	Cryogenic vessels		ISO/IEC FDIS 24761	Information technology — Security techniques — Authentication context for biometrics	2019-09-05
ISO/FDIS 21014	Cryogenic vessels — Cryogenic insulation performance	2019-09-24		(Revision of ISO/IEC 24761:2009, ISO/IEC 24761:2009/Cor 1:2013)	
	(Revision of ISO 21014:2006)				
TC 224	Service activities relating to drinking water supply, wastewater and stormwater systems		ISO/IEC FDIS 30111	Information technology — Security techniques — Vulnerability handling processes	2019-09-04
ISO/FDIS 24536	Service activities relating to drinking water supply, wastewater and stormwater systems — Stormwater management — Guidelines for stormwater management in urban areas	2019-08-27		(Revision of ISO/IEC 30111:2013)	
			ISO/IEC FDIS 14496-3	Information technology — Coding of audio-visual objects — Part 3: Audio	2019-09-20
TC 226	Materials for the production of primary aluminium			(Revision of ISO/IEC 14496-3:2009, ISO/IEC 14496-3:2009/ Amd 1:2009, ISO/IEC 14496-3:2009/ Amd 2:2010, ISO/IEC 14496-3:2009/Cor 1:2009, ISO/IEC 14496-3:2009/Cor 2:2011, ISO/IEC 14496-3:2009/ Amd 3:2012, ISO/IEC 14496-3:2009/ Cor 3:2012, ISO/IEC 14496-3:2009/Cor 4:2012, ISO/IEC 14496-3:2009/ Amd 4:2013, ISO/IEC 14496-3:2009/ Amd 5:2015, ISO/IEC 14496-3:2009/Cor 5:2015, ISO/IEC 14496-3:2009/ Amd 4:2013/Cor 1:2015, ISO/IEC 14496-3:2009/Cor 6:2015, ISO/IEC 14496-3:2009/Cor 7:2015, ISO/IEC 14496-3:2009/ Amd 6:2017, ISO/IEC 14496-3:2009/ Amd 7:2018)	
ISO/FDIS 14428	Carbonaceous materials for the production of aluminium — Cold and tepid ramming pastes — Expansion/shrinkage during baking	2019-09-22			
	(Revision of ISO 14428:2005)				
TC 268	Sustainable cities and communities			Information technology — Coding of audio-visual objects — Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format	2019-09-01
ISO/FDIS 37105	Sustainable cities and communities — Descriptive framework for cities and communities	2019-09-23		(Revision of ISO/IEC 14496-15:2017, ISO/IEC 14496-15:2017/ Amd 1:2018, ISO/IEC 14496-15:2017/ Amd 2:2019)	
			ISO/IEC FDIS 14496-15	Information technology — Coding of audio-visual objects — Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format	2019-09-01
TC 270	Plastics and rubber machines			(Revision of ISO/IEC 14496-15:2017, ISO/IEC 14496-15:2017/ Amd 1:2018, ISO/IEC 14496-15:2017/ Amd 2:2019)	
ISO/FDIS 20430.2	Plastics and rubber machines — Injection moulding machines — Safety requirements	2019-09-11		Information technology — Internet of media things — Part 3: Media data formats and APIs	2019-09-20
TC 292	Security and resilience			Information technology — Radio frequency identification for item management — Methods for localization of RFID tags	
ISO/FDIS 22301	Security and resilience — Business continuity management systems — Requirements	2019-09-13			
	(Revision of ISO 22301:2012)				
CASCO	Committee on conformity assessment		ISO/IEC FDIS 23093-3	Information technology — Internet of media things — Part 3: Media data formats and APIs	2019-09-20
ISO/IEC FDIS 17029	Conformity assessment — General principles and requirements for validation and verification bodies	2019-09-04			
			ISO/IEC FDIS 22243	Information technology — Radio frequency identification for item management — Methods for localization of RFID tags	
JTC 1	Information technology				
ISO/IEC FDIS 30146	Information technology — Smart city ICT indicators	2019-09-04			

Standards published

New International Standards published between 01 July and 31 July 2019

¹ delayed publication of language version

² corrected version

³ multilingual document

		Price group	
TC 2			
Fasteners			
ISO 3269:2019	en fr	Fasteners — Acceptance inspection	B
ISO 4034:2012	fr ²	Hexagon regular nuts (style 1) — Product grade C	A
TC 5			
Ferrous metal pipes and metallic fittings			
ISO 21053:2019	en fr	Life cycle analysis and recycling of ductile iron pipes for water applications	C
TC 6			
Paper, board and pulps			
ISO 1762:2019	en fr	Paper, board, pulps and cellulose nanomaterials — Determination of residue (ash content) on ignition at 525 °C	B
ISO 12830:2019	en fr	Paper, board, pulps and cellulose nanomaterials — Determination of acid-soluble magnesium, calcium, manganese, iron, copper, sodium and potassium	D
TC 8			
Ships and marine technology			
ISO 21593:2019	en	Ships and marine technology — Technical requirements for dry-disconnect/connect couplings for bunkering liquefied natural gas	C
ISO 15738:2019	en	Ships and marine technology — Maritime safety — Gas inflation systems for inflatable life-saving appliances	C
ISO 19912:2019	en	Ships and marine technology — Servicing of immersion suits, anti-exposure suits and constant wear suits	B
ISO 9089:2019	en	Marine structures — Mobile offshore units — Mooring positioning windlasses and winches	B
ISO 25862:2019	en	Ships and marine technology — Marine magnetic compasses, binnacles and azimuth reading devices	F
TC 17			
Steel			

ISO 6930:2019	en	High yield strength steel plates and wide flats for cold forming — Delivery conditions	C
ISO 6306:2019	en	Chemical analysis of steel — Order of listing elements in steel standards	A
ISO 4960:2019	en	Steel strip, cold-reduced with a mass fraction of carbon over 0,25 %	C
TC 20			
Aircraft and space vehicles			
ISO 10795:2019	en	Space systems — Programme management and quality — Vocabulary	F
ISO 24113:2019	en	Space systems — Space debris mitigation requirements	C
ISO 26872:2019	en	Space systems — Disposal of satellites operating at geosynchronous altitude	F
TC 21			
Equipment for fire protection and fire fighting			
ISO 7203-1:2019	en	Fire extinguishing media — Foam concentrates — Part 1: Specification for low-expansion foam concentrates for top application to water-immiscible liquids	F
ISO 7203-2:2019	en	Fire extinguishing media — Foam concentrates — Part 2: Specification for medium- and high-expansion foam concentrates for top application to water-immiscible liquids	F
ISO 7203-3:2019	en	Fire extinguishing media — Foam concentrates — Part 3: Specification for low-expansion foam concentrates for top application to water-miscible liquids	F
ISO 14520-5:2019	en	Gaseous fire-extinguishing systems — Physical properties and system design — Part 5: FK-5-1-12 extinguishant	B
ISO 14520-8:2019	en	Gaseous fire-extinguishing systems — Physical properties and system design — Part 8: HFC 125 extinguishant	B
ISO 14520-9:2019	en	Gaseous fire-extinguishing systems — Physical properties and system design — Part 9: HFC 227ea extinguishant	B
ISO 14520-10:2019	en	Gaseous fire-extinguishing systems — Physical properties and system design — Part 10: HFC 23 extinguishant	B
TC 22			
Road vehicles			
ISO 19072-1:2019	en	Road vehicles — Connection interface for pyrotechnic devices, two-way and three-way connections — Part 1: Pocket interface definition	B
ISO 22241-4:2019	en	Diesel engines — NOx reduction agent AUS 32 — Part 4: Refilling interface	C
ISO 22241-5:2019	en	Diesel engines — NOx reduction agent AUS 32 — Part 5: Refilling interface for passenger cars	C

ISO 16505:2019	en	Road vehicles — Ergonomic and performance aspects of Camera Monitor Systems — Requirements and test procedures	H	ISO/TS 13399-315:2018	fr ¹	Cutting tool data representation and exchange — Part 315: Creation and exchange of 3D models — Modelling of machine operated feed out tools	F
ISO 21755-1:2019	en	Motorcycles — Measurement method for evaporative emissions — Part 1: SHED test procedure	D	TC 31		Tyres, rims and valves	
				ISO 13325:2019	en fr	Tyres — Coast-by methods for measurement of tyre-to-road sound emission	B
TC 23		Tractors and machinery for agriculture and forestry					
ISO 8437-1:2019	en fr	Snow throwers — Safety requirements and test procedures — Part 1: Terminology and common tests	C	ISO 4251-1:2019	en fr	Code designated diagonal tyres (ply rating marked series) for agricultural tractors, trailers and machines — Part 1: Tyre designation and dimensions, and approved rim contours	D
ISO 8437-2:2019	en fr	Snow throwers — Safety requirements and test procedures — Part 2: Pedestrian-controlled snow throwers	C	ISO 4251-2:2019	en fr	Code designated diagonal tyres (ply rating marked series) for agricultural tractors, trailers and machines — Part 2: Tyre load ratings	D
ISO 8437-3:2019	en fr	Snow throwers — Safety requirements and test procedures — Part 3: Ride-on snow throwers	D	TC 34		Food products	
ISO 8437-4:2019	en fr	Snow throwers — Safety requirements and test procedures — Part 4: Additional national and regional requirements	C	ISO 17059:2019	en fr	Oilseeds — Extraction of oil and preparation of methyl esters of triglyceride fatty acids for analysis by gas chromatography (rapid method)	A
TC 24		Particle characterization including sieving		ISO 17678:2019	fr ¹	Milk and milk products — Determination of milk fat purity by gas chromatographic analysis of triglycerides	D
ISO 18747-2:2019	en	Determination of particle density by sedimentation methods — Part 2: Multi-velocity approach	D	ISO 15216-2:2019	en fr	Microbiology of the food chain — Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR — Part 2: Method for detection	F
TC 25		Cast irons and pig irons		ISO 17410:2019	en fr	Microbiology of the food chain — Horizontal method for the enumeration of psychrotrophic microorganisms	B
ISO 185:2019	en	Grey cast irons — Classification	D	TC 35		Paints and varnishes	
TC 27		Solid mineral fuels		ISO 2808:2019	en fr	Paints and varnishes — Determination of film thickness	F
ISO 925:2019	en	Solid mineral fuels — Determination of carbonate carbon content — Gravimetric method	B	ISO 22518:2019	en	Paints and varnishes — Determination of solvents in water-thinnable coating materials — Gas-chromatographic method	B
TC 28		Petroleum and related products, fuels and lubricants from natural or synthetic sources		ISO 22557:2019	en	Paints and varnishes — Scratch test using a spring-loaded pen	C
ISO 3924:2019	en	Petroleum products — Determination of boiling range distribution — Gas chromatography method	F	ISO 22969:2019	en	Paints and varnishes — Determination of solar reflectance	C
ISO 21493:2019	en	Petroleum products — Determination of turbidity point and aniline point equivalent	B	ISO 23496:2019	en	Determination of pH value — Reference buffer solutions for the calibration of pH measuring equipment	C
TC 29		Small tools		ISO 23497:2019	en	Determination of pH value — Technical buffer solutions for the calibration of technical measuring installations	B
ISO/TS 13399-310:2017	fr ¹	Cutting tool data representation and exchange — Part 310: Creation and exchange of 3D models — Turning tools with carbide tips	E	ISO/TR 22770:2019	en	Preparation of steel substrates before application of paints and related products — Analytical colorimetry method to support visual assessment of surface preparation grades	B
ISO/TS 13399-311:2016	fr ¹	Cutting tool data representation and exchange — Part 311: Creation and exchange of 3D models — Solid reamers	D	TC 36		Cinematography	
ISO/TS 13399-312:2016	fr ¹	Cutting tool data representation and exchange — Part 312: Creation and exchange of 3D models — Reamers for indexable inserts	F	ISO 4241:2019	en	Cinematography — Projection film leader (time-based), trailer and cue marks — Specifications	B
ISO/TS 13399-314:2018	fr ¹	Cutting tool data representation and exchange — Part 314: Creation and exchange of 3D models — Cartridges for indexable inserts	D				

TC 37		Language and terminology							
ISO 24622-2:2019	en	Language resource management — Component metadata infrastructure (CMDI) — Part 2: Component metadata specification language	E	ISO 19013-1:2019	en	Rubber hoses and tubing for fuel circuits for internal combustion engines — Specification — Part 1: Diesel fuels			C
TC 38		Textiles							
ISO 2307:2019	en fr	Fibre ropes — Determination of certain physical and mechanical properties	D	ISO 813:2019	en fr	Rubber, vulcanized or thermoplastic — Determination of adhesion to a rigid substrate — 90 degree peel method			B
ISO 9554:2019	en fr	Fibre ropes — General specifications	F	ISO 2285:2019	en fr	Rubber, vulcanized or thermoplastic — Determination of tension set under constant elongation, and of tension set, elongation and creep under constant tensile load			C
TC 39		Machine tools							
ISO 14955-4:2019	en fr	Machine tools — Environmental evaluation of machine tools — Part 4: Principles for measuring metal-forming machine tools and laser processing machine tools with respect to energy efficiency	H	ISO 5893:2019	en fr	Rubber and plastics test equipment — Tensile, flexural and compression types (constant rate of traverse) — Specification			A
TC 42		Photography							
ISO 18949:2019	en	Imaging materials — Reflection colour photographic prints — Method for testing stability under low humidity conditions	B	ISO 8013:2019	en fr	Rubber, vulcanized — Determination of creep in compression or shear			D
ISO/TS 19567-2:2019	en	Photography — Digital cameras — Part 2: Texture analysis using stochastic pattern	D	ISO 14309:2019	en	Rubber, vulcanized or thermoplastic — Determination of volume and/or surface resistivity			C
ISO 20954-1:2019	en	Digital cameras — Measurement method for image stabilization performance — Part 1: Optical systems	F	ISO 20163:2019	en fr	Vulcanized rubber — Determination of free sulfur by gas chromatography (GC) and high performance liquid chromatography (HPLC)			C
ISO/TS 21139-21:2019	en	Permanence and durability of commercial prints — Part 21: In-window display — Light and ozone stability	C	ISO 1656:2019	en fr	Rubber, raw natural, and rubber latex, natural — Determination of nitrogen content			D
TC 43		Acoustics							
ISO 5130:2019	en	Acoustics — Measurements of sound pressure level emitted by stationary road vehicles	C	TC 46		Information and documentation			
ISO 17208-2:2019	en	Underwater acoustics — Quantities and procedures for description and measurement of underwater sound from ships — Part 2: Determination of source levels from deep water measurements	C	ISO 21110:2019	en	Information and documentation — Emergency preparedness and response			G
TC 44		Welding and allied processes							
ISO 18592:2019	en fr	Resistance welding — Destructive testing of welds — Method for the fatigue testing of multi-spot-welded specimens	E	TC 58		Gas cylinders			
ISO 3821:2019	en fr	Gas welding equipment — Rubber hoses for welding, cutting and allied processes	C	ISO 10462:2013/ Amd 1:2019	fr ¹	Gas cylinders — Acetylene cylinders — Periodic inspection and maintenance — Amendment 1			XZ
ISO 15614-1:2017/Amd 1:2019	en fr	Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys — Amendment 1	XZ	TC 60		Gears			
TC 45		Rubber and rubber products		ISO/TS 6336-4:2019	en ²	Calculation of load capacity of spur and helical gears — Part 4: Calculation of tooth flank fracture load capacity			E
ISO 1403:2019	en fr	Rubber hoses, textile-reinforced, for general-purpose water applications — Specification	A	TC 61		Plastics			
				ISO 527-1:2019	en fr	Plastics — Determination of tensile properties — Part 1: General principles			D
				ISO 11907-1:2019	en	Plastics — Smoke generation — Determination of the corrosivity of fire effluents — Part 1: General concepts and applicability			A
				ISO 4577:2019	en fr	Plastics — Polypropylene and propylene-copolymers — Determination of thermal oxidative stability in air — Oven method			B
				ISO 21970-1:2019	en fr	Plastics — Polyketone (PK) moulding and extrusion materials — Part 1: Designation system and basis for specifications			B
				ISO 21970-2:2019	en fr	Plastics — Polyketone (PK) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties			B

ISO 10123:2013	fr ¹	Adhesives — Determination of shear strength of anaerobic adhesives using pin-and-collar specimens	B	ISO 8178-9:2019	en fr	Reciprocating internal combustion engines — Exhaust emission measurement — Part 9: Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an opacimeter	G
ISO 11833-1:2019	en fr	Plastics — Unplasticized poly(vinyl chloride) sheets — Part 1: Types, dimensions and characteristics for sheets of thickness not less than 1 mm	C	TC 71		Concrete, reinforced concrete and pre-stressed concrete	
ISO 11963:2019	en fr	Plastics — Polycarbonate sheets — Types, dimensions and characteristics	B	ISO 10406-3:2019	en	Fibre-reinforced polymer (FRP) reinforcement of concrete — Test methods — Part 3: CFRP strips	B
ISO 22631:2019	en fr	Adhesives — Test methods for adhesives for floor and wall coverings — Peel test	B	ISO 21914:2019	en	Test methods for fibre-reinforced cementitious composites — Bending moment — Curvature curve by four-point bending test	B
ISO 22632:2019	en fr	Adhesives — Test methods for adhesives for floor and wall coverings — Shear test	B	TC 79		Light metals and their alloys	
ISO 22633:2019	en fr	Adhesives — Test methods for adhesives for floor coverings and wall coverings — Determination of the dimensional changes of a linoleum floor covering in contact with an adhesive	B	ISO 20260:2019	en	Magnesium and magnesium alloys — Determination of mercury	B
ISO 22635:2019	en fr	Adhesives — Test methods for adhesives for plastic or rubber floor coverings or wall coverings — Determination of dimensional changes after accelerated ageing	B	TC 83		Sports and other recreational facilities and equipment	
ISO 22637:2019	en fr	Adhesives — Test of adhesive for floor covering — Determination of the electrical resistance of adhesive films and composites	A	ISO 20957-9:2016/Amd 1:2019	fr ¹	Stationary training equipment — Part 9: Elliptical trainers, additional specific safety requirements and test methods — Amendment 1	XZ
ISO 20144:2019	en	Fibre-reinforced plastic composites — Standard qualification plan (SQP) for composite materials, including reduced qualification plan (RQP) and extended qualification plan (EQP) schemes	E	TC 85		Nuclear energy, nuclear technologies, and radiological protection	
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		ISO 20785-4:2019	fr ¹	Dosimetry for exposures to cosmic radiation in civilian aircraft — Part 4: Validation of codes	B
ISO 20074:2019	en	Petroleum and natural gas industry — Pipeline transportation systems — Geological hazard risk management for onshore pipeline	G	ISO 18256-2:2019	fr ¹	Nuclear fuel technology — Dissolution of plutonium dioxide-containing materials — Part 2: Dissolution of MOX pellets and powders	B
ISO 15136-1:2009	fr ¹	Petroleum and natural gas industries — Progressing cavity pump systems for artificial lift — Part 1: Pumps	H	TC 87		Cork	
ISO 13679:2019	en	Petroleum and natural gas industries — Procedures for testing casing and tubing connections	A	ISO 2386:2019	en fr	Packed cork — Virgin cork, raw reproduction cork, burnt cork, boiled reproduction cork and raw cork waste — Determination of moisture content	A
ISO 19901-9:2019	en fr	Petroleum and natural gas industries — Specific requirements for offshore structures — Part 9: Structural integrity management	H	TC 91		Surface active agents	
ISO 19906:2019	en	Petroleum and natural gas industries — Arctic offshore structures	H	ISO 21264:2019	en	Surface active agents — Detergents — Determination of alkylphenol ethoxylates	B
TC 70		Internal combustion engines		TC 92		Fire safety	
				ISO 26367-1:2019	en fr	Guidelines for assessing the adverse environmental impact of fire effluents — Part 1: General	D
				ISO 24678-1:2019	fr ¹	Fire safety engineering — Requirements governing algebraic formulae — Part 1: General requirements	A
				TC 107		Metallic and other inorganic coatings	
				ISO 28763:2019	en fr	Vitreous and porcelain enamels — Regenerative, enamelled and packed panels for air-gas and gas-gas heat exchangers — Specifications	B
				TC 108		Mechanical vibration, shock and condition monitoring	

ISO 2631-5:2018	fr ¹	Mechanical vibration and shock — Evaluation of human exposure to whole-body vibration — Part 5: Method for evaluation of vibration containing multiple shocks	E	ISO 2965:2019	en fr	Materials used as cigarette papers, filter plug wrap and filter joining paper, including materials having a discrete or oriented permeable zone and materials with bands of differing permeability — Determination of air permeability	E
ISO 10813-2:2019	en	Vibration-generating machines — Guidance for selection — Part 2: Equipment for dynamic structural testing	D	ISO 20193:2019	en fr	Tobacco and tobacco products — Determination of the width of the strands of cut tobacco	B
TC 112		Vacuum technology		TC 127		Earth-moving machinery	
ISO 3529-1:2019	en	Vacuum technology — Vocabulary — Part 1: General terms	B	ISO 17757:2019	en fr	Earth-moving machinery and mining — Autonomous and semi-autonomous machine system safety	F
TC 115		Pumps		TC 130		Graphic technology	
ISO 20361:2019	en fr	Liquid pumps and pumps units — Noise test code — Grades 2 and 3 of accuracy	D	ISO 21812-1:2019	en	Graphic technology — Print product metadata for PDF files — Part 1: Architecture and core requirements for metadata	E
TC 118		Compressors and pneumatic tools, machines and equipment		TC 131		Fluid power systems	
ISO 28927-8:2009/Amd 2:2019	fr ¹	Hand-held portable power tools — Test methods for evaluation of vibration emission — Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action — Amendment 2: Oscillating knives (vibrating screen removal tools)	XZ	ISO 4399:2019	en	Fluid power systems and components — Connectors and associated components — Nominal pressures	A
TC 119		Powder metallurgy		ISO 5783:2019	en	Hydraulic fluid power — Code for identification of valve mounting surfaces and cartridge valve cavities	A
ISO 3252:2019	en fr	Powder metallurgy — Vocabulary	A	ISO 4409:2019	en fr	Hydraulic fluid power — Positive-displacement pumps, motors and integral transmissions — Methods of testing and presenting basic steady state performance	D
TC 120		Leather		TC 135		Non-destructive testing	
ISO 15115:2019	en	Leather — Vocabulary	A	ISO 16809:2017	fr ¹	Non-destructive testing — Ultrasonic thickness measurement	F
TC 121		Anaesthetic and respiratory equipment		ISO 12718:2019		Non-destructive testing — Eddy current testing — Vocabulary	A
ISO 5356-2:2012/Amd 1:2019	en fr	Anaesthetic and respiratory equipment — Conical connectors — Part 2: Screw-threaded weight-bearing connectors — Amendment 1	XZ	TC 137		Footwear sizing designations and marking systems	
ISO 19223:2019	en	Lung ventilators and related equipment — Vocabulary and semantics	A	ISO 9407:2019	en	Footwear sizing — Mondopoint system of sizing and marking	A
TC 122		Packaging		TC 138		Plastics pipes, fittings and valves for the transport of fluids	
ISO 22015:2019	en	Packaging — Accessible design — Handling and manipulation	D	ISO 9624:2019	en	Thermoplastics piping systems for fluids under pressure — Flange adapters and loose backing flanges — Mating dimensions	D
TC 123		Plain bearings		ISO 7685:2019	en	Glass-reinforced thermosetting plastics (GRP) pipes — Determination of initial ring stiffness	B
ISO 13939:2019	en fr	Foil bearings — Performance testing of foil journal bearings — Testing of static load capacity, friction coefficient and lifetime	C	ISO 16135:2006/Amd 1:2019	en fr	Industrial valves — Ball valves of thermoplastics materials — Amendment 1	XZ
TC 126		Tobacco and tobacco products		ISO 16136:2006/Amd 1:2019	en fr	Industrial valves — Butterfly valves of thermoplastics materials — Amendment 1	XZ
ISO 8454:2007/Amd 2:2019	en fr	Cigarettes — Determination of carbon monoxide in the vapour phase of cigarette smoke — NDIR method — Amendment 2	XZ				
ISO 10362-1:2019	en fr	Cigarettes — Determination of water in total particulate matter from the mainstream smoke — Part 1: Gas-chromatographic method	B				

ISO 16137:2006/ Amd 1:2019	en fr	Industrial valves — Check valves of thermoplastics materials — Amendment 1	XZ	ISO 10551:2019	en fr	Ergonomics of the physical environment — Subjective judgement scales for assessing physical environments	E
ISO 16138:2006/ Amd 1:2019	en fr	Industrial valves — Diaphragm valves of thermoplastics materials — Amendment 1	XZ	TC 163		Thermal performance and energy use in the built environment	
ISO 16139:2006/ Amd 1:2019	en fr	Industrial valves — Gate valves of thermoplastics materials — Amendment 1	XZ	ISO 16536:2019	en fr	Thermal insulating products for building applications — Determination of long-term water absorption by diffusion	A
ISO 21787:2006/ Amd 1:2019	en fr	Industrial valves — Globe valves of thermoplastics materials — Amendment 1	XZ	TC 164		Mechanical testing of metals	
TC 142		Cleaning equipment for air and other gases		ISO 20064:2019	en	Metallic materials — Steel — Method of test for the determination of brittle crack arrest toughness, Kca	F
ISO 15714:2019	en	Method of evaluating the UV dose to airborne microorganisms transiting in-duct ultraviolet germicidal irradiation devices	C	TC 171		Document management applications	
TC 145		Graphical symbols		ISO 22550:2019	en	Document management — AFP interchange for PDF	E
ISO 7010:2019	en fr	Graphical symbols — Safety colours and safety signs — Registered safety signs	H	TC 172		Optics and photonics	
ISO 7000:2019	en	Graphical symbols for use on equipment — Registered symbols	A	ISO/TR 14999-2:2019	en	Optics and photonics — Interferometric measurement of optical elements and optical systems — Part 2: Measurement and evaluation techniques	G
TC 146		Air quality		ISO 8600-3:2019	en	Endoscopes — Medical endoscopes and endotherapy devices — Part 3: Determination of field of view and direction of view of endoscopes with optics	B
ISO 16000-40:2019	en fr	Indoor air — Part 40: Indoor air quality management system	D	TC 174		Jewellery and precious metals	
TC 147		Water quality		ISO 11494:2019	en	Jewellery and precious metals — Determination of platinum in platinum alloys — ICP-OES method using an internal standard element	A
ISO 5815-1:2019	en fr	Water quality — Determination of biochemical oxygen demand after n days (BOD _n) — Part 1: Dilution and seeding method with allylthiourea addition	D	ISO 11495:2019	en fr	Jewellery and precious metals — Determination of palladium in palladium alloys — ICP-OES method using an internal standard element	A
TC 150		Implants for surgery		TC 176		Quality management and quality assurance	
ISO 22622:2019	en fr	Implants for surgery — Wear of total ankle-joint prostheses — Loading and displacement parameters for wear-testing machines with load or displacement control and corresponding environmental conditions for test	D	ISO 10007:2017	es ²	Quality management — Guidelines for configuration management	B
TC 157		Non-systemic contraceptives and STI barrier prophylactics		TC 178		Lifts, escalators and moving walks	
ISO 19351:2019	en	Fallopian rings — Requirements and test methods	E	ISO 8100-1:2019	en ²	Lifts for the transport of persons and goods — Part 1: Safety rules for the construction and installation of passenger and goods passenger lifts	H
TC 158		Analysis of gases		TC 182		Geotechnics	
ISO 19229:2019	en fr	Gas analysis — Purity analysis and the treatment of purity data	C	ISO 17892-12:2018	fr ¹	Geotechnical investigation and testing — Laboratory testing of soil — Part 12: Determination of liquid and plastic limits	E
TC 159		Ergonomics		ISO 22476-6:2018	fr ¹	Geotechnical investigation and testing — Field testing — Part 6: Self-boring pressuremeter test	D
ISO 9241-210:2019	en fr	Ergonomics of human-system interaction — Part 210: Human-centred design for interactive systems	E	ISO 22476-8:2018	fr ¹	Geotechnical investigation and testing — Field testing — Part 8: Full displacement pressuremeter test	D
				TC 183		Copper, lead, zinc and nickel ores and concentrates	

ISO 19976-1:2019	en	Copper, lead and zinc sulfide concentrates — Determination of cadmium — Part 1: Flame atomic absorption spectrometric method	C	ISO/TS 20914:2019	en	Medical laboratories — Practical guidance for the estimation of measurement uncertainty	G
ISO 19976-2:2019	en	Copper, lead and zinc sulfide concentrates — Determination of cadmium — Part 2: Acid digestion and inductively coupled plasma atomic emission spectrometric method	B	TC 215		Health informatics	
TC 204		Intelligent transport systems		ISO 12381:2019	en	Health informatics — Explicit time-related expressions for healthcare-specific problems	D
ISO 17573-1:2019	en	Electronic fee collection — System architecture for vehicle-related tolling — Part 1: Reference model	F	ISO/TR 14872:2019	en	Health informatics — Identification of medicinal products — Core principles for maintenance of identifiers and terms	B
ISO 21219-2:2019	en	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 2: UML modelling rules (TPEG2-UMR)	F	ISO/TS 22558:2019	en	Health informatics — Classification of traditional Chinese medicine data sets	C
ISO 21219-3:2019	en	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 3: UML to binary conversion rules (TPEG2-UBCR)	D	TC 216		Footwear	
ISO 21219-4:2019	en	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 4: UML to XML conversion rules	F	ISO 17700:2019	en fr	Footwear — Test methods for upper components and insoles — Colour fastness to rubbing and bleeding	C
ISO 21219-5:2019	en	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 5: Service framework (TPEG2-SFW)	F	TC 218		Timber	
ISO 21219-6:2019	en	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 6: Message management container (TPEG2-MMC)	D	ISO 5323:2019	en fr	Wood flooring and parquet — Vocabulary	A
ISO 21219-18:2019	en	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 18: Traffic flow and prediction application (TPEG2-TFP)	G	TC 219		Floor coverings	
ISO/TR 21735:2019	en	Intelligent transport systems — Framework architecture for plug and play (PnP) functionality in vehicles utilizing nomadic devices	B	ISO 10833:2017	fr ¹	Textile floor coverings — Determination of resistance to damage at cut edges using the modified Vettermann drum test	A
TC 206		Fine ceramics		ISO 16581:2014	fr ¹	Resilient and laminate floor coverings — Determination of the effect of simulated movement of a furniture leg	A
ISO 20504:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Mechanical properties of ceramic composites at room temperature — Determination of compressive properties	C	ISO 24334:2019	en	Laminate floor coverings — Determination of locking strength for mechanically assembled panels	B
ISO 27447:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for antibacterial activity of semiconducting photocatalytic materials	D	TC 221		Geosynthetics	
TC 211		Geographic information/ Geomatics		ISO 13437:2019	en fr	Geosynthetics — Installing and retrieving samples in the field for durability assessment	B
ISO 19162:2019	en	Geographic information — Well-known text representation of coordinate reference systems	H	TC 224		Service activities relating to drinking water supply, wastewater and stormwater systems	
TC 212		Clinical laboratory testing and in vitro diagnostic test systems		ISO 46001:2019	en	Water efficiency management systems — Requirements with guidance for use	F
				TC 226		Materials for the production of primary aluminium	
				ISO 10143:2019	en	Carbonaceous materials for the production of aluminium — Calcined coke for electrodes — Determination of the electrical resistivity of granules	A
				ISO 23028:2019	en	Aluminium oxide primarily used for the production of aluminium — Preparation and storage of test samples	B
				TC 256		Pigments, dyestuffs and extenders	
				ISO 787-13:2019	en fr	General methods of test for pigments and extenders — Part 13: Determination of water-soluble sulphates, chlorides and nitrates	A

ISO 787-15:2019	en fr	General methods of test for pigments and extenders — Part 15: Comparison of resistance to light of coloured pigments of similar types	B	ISO/IEC/IEEE 21839:2019	en	Systems and software engineering — System of systems (SoS) considerations in life cycle stages of a system	E
TC 261		Additive manufacturing		ISO/IEC/IEEE 21841:2019	en	Systems and software engineering — Taxonomy of systems of systems	B
ISO/ASTM 52902:2019	en fr	Additive manufacturing — Test artifacts — Geometric capability assessment of additive manufacturing systems	F	ISO/IEC 25020:2019	en	Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Quality measurement framework	E
ISO/ASTM 52904:2019	en	Additive manufacturing — Process characteristics and performance — Practice for metal powder bed fusion process to meet critical applications	B	ISO/IEC TR 33018:2019	en	Information technology — Process assessment — Guidance for assessor competency	A
ISO/ASTM 52911-1:2019	en fr	Additive manufacturing — Design — Part 1: Laser-based powder bed fusion of metals	D	ISO/IEC/IEEE 42020:2019	en	Software, systems and enterprise — Architecture processes	H
TC 268		Sustainable cities and communities		ISO/IEC/IEEE 42030:2019	en	Software, systems and enterprise — Architecture evaluation framework	G
ISO 37104:2019	fr ¹	Sustainable cities and communities — Transforming our cities — Guidance for practical local implementation of ISO 37101	G	ISO/IEC TR 11801-9907:2019	en	Information technology — Generic cabling systems for customer premises — Part 9907: Title missing	C
TC 279		Innovation management		ISO/IEC 29192-7:2019	en	Information security — Lightweight cryptography — Part 7: Broadcast authentication protocols	B
ISO 56002:2019	en fr	Innovation management — Innovation management system — Guidance	D	ISO/IEC 15938-15:2019	en	Information technology — Multimedia content description interface — Part 15: Compact descriptors for video analysis	E
TC 281		Fine bubble technology		ISO/IEC 19566-5:2019	en	Information technologies — JPEG systems — Part 5: JPEG universal metadata box format (JUMBF)	C
ISO 23016-2:2019	en	Fine bubble technology — Agricultural applications — Part 2: Test method for evaluating the promotion of the germination of barley seeds	C	ISO/IEC 19566-6:2019	en	Information technologies — JPEG systems — Part 6: JPEG 360	D
TC 282		Water reuse		ISO/IEC 23000-21:2019	en	Information technology — Multimedia application format (MPEG-A) — Part 21: Visual identity management application format	F
ISO 20468-2:2019	en	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 2: Methodology to evaluate performance of treatment systems on the basis of greenhouse gas emissions	E	ISO/IEC 23001-13:2019	en	Information technology — MPEG systems technologies — Part 13: Media orchestration	G
TC 299		Robotics		ISO/IEC 23008-3:2019/ Amd 1:2019	en	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 3: 3D audio — Amendment 1: Audio metadata enhancements	F
IEC 80601-2-77:2019		Medical electrical equipment — Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment	BB	ISO/IEC 23092-1:2019	en	Information technology — Genomic information representation — Part 1: Transport and storage of genomic information	G
IEC 80601-2-78:2019		Medical electrical equipment — Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation	XH	ISO/IEC TR 19583-1:2019	en	Information technology — Concepts and usage of metadata — Part 1: Metadata concepts	B
TMBG		Technical Management Board - groups		ISO/IEC TR 20000-7:2019	en	Information technology — Service management — Part 7: Guidance on the integration and correlation of ISO/IEC 20000-1:2018 to ISO 9001:2015 and ISO/IEC 27001:2013	G
IWA 29:2019	fr ¹	Professional farmer organization — Guidelines	C				
JTC 1		Information technology					
ISO/IEC/ IEEE 8802-1CM:2019	en	Telecommunications and information exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1CM: Time-sensitive networking for fronthaul	F				
ISO/IEC/IEEE 15289:2019	en	Systems and software engineering — Content of life-cycle information items (documentation)	G				

Standards confirmed

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

TC 2	Fasteners		
ISO 1051:1999	(reconfirmed)	ISO 13597:2000	(reconfirmed)
ISO 8752:2009	(reconfirmed)	ISO 13598:2000	(reconfirmed)
ISO 10669:1999	(reconfirmed)	ISO 13599:2000	(reconfirmed)
ISO 13337:2009	(reconfirmed)	ISO 14275:2002	(reconfirmed)
ISO 273:1979	(reconfirmed)	ISO 14276:2002	(reconfirmed)
ISO 6157-1:1988	(reconfirmed)	ISO 14277:2002	(reconfirmed)
ISO 7434:1983	(reconfirmed)	ISO 14278:2002	(reconfirmed)
ISO 7435:1983	(reconfirmed)	ISO 14279:2002	(reconfirmed)
ISO 7436:1983	(reconfirmed)	ISO 14280:2002	(reconfirmed)
ISO 7721:1983	(reconfirmed)	ISO 14281:2002	(reconfirmed)
ISO 7721-2:1990	(reconfirmed)	ISO 7313:1984	(reconfirmed)
ISO 10644:2009	(reconfirmed)	ISO 16695:2014	
ISO 10664:2014		TC 22	Road vehicles
ISO 10673:2009	(reconfirmed)	ISO 6969:2004	(reconfirmed)
ISO 21670:2014		ISO 611:2003	(reconfirmed)
ISO 1478:1999	(reconfirmed)	ISO 3996:1995	(reconfirmed)
ISO 10666:1999	(reconfirmed)	ISO 4039-1:1998	(reconfirmed)
ISO 15481:1999	(reconfirmed)	ISO 4039-2:1998	(reconfirmed)
ISO 15482:1999	(reconfirmed)	ISO 4927:2005	(reconfirmed)
ISO 15483:1999	(reconfirmed)	ISO 6117:2005	(reconfirmed)
TC 6	Paper, board and pulps	ISO 6311:1980	(reconfirmed)
ISO 16945:2014		ISO 6313:1980	(reconfirmed)
TC 8	Ships and marine technology	ISO 6314:1980	(reconfirmed)
ISO 4089:1979		ISO 6315:1980	(reconfirmed)
ISO 7608:1985		ISO 6597:2005	(reconfirmed)
ISO 3797:1976	(reconfirmed)	ISO 7575:1993	(reconfirmed)
ISO 5779:1987	(reconfirmed)	ISO 7629:1987	(reconfirmed)
ISO 5780:1987	(reconfirmed)	ISO 11157:2005	(reconfirmed)
ISO 5797:2004	(reconfirmed)	ISO 11530:1993	(reconfirmed)
ISO 9519:1990	(reconfirmed)	ISO 14792:2011	
TC 20	Aircraft and space vehicles	ISO 15037-2:2002	(reconfirmed)
ISO 245:1998	(reconfirmed)	ISO 15172:2005	(reconfirmed)
ISO 3230:1998	(reconfirmed)	ISO 6626:1989	(reconfirmed)
ISO 3353-1:2002	(reconfirmed)	ISO 21308-5:2014	
ISO 3353-2:2002	(reconfirmed)	TC 23	Tractors and machinery for agriculture and forestry
ISO 4095:1998	(reconfirmed)	ISO 5708:1983	(reconfirmed)
ISO 7403:1998	(reconfirmed)	TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO 9418:1998	(reconfirmed)	ISO 6743-1:2002	(reconfirmed)
ISO 10299:2000	(reconfirmed)	ISO 6743-9:2003	(reconfirmed)
ISO 12256:2002	(reconfirmed)	ISO 6743-13:2002	(reconfirmed)
ISO 12257:2008	(reconfirmed)	ISO 6743-99:2002	(reconfirmed)
ISO 12288:2000	(reconfirmed)	ISO 8216-99:2002	(reconfirmed)
ISO 12290:2000	(reconfirmed)	ISO/TS 12927:1999	(reconfirmed)
ISO 13595:2000	(reconfirmed)	ISO/TS 12928:1999	(reconfirmed)
ISO 13596:2000	(reconfirmed)	ISO 19378:2003	(reconfirmed)
		TC 34	Food products
		ISO 2168:1974	(reconfirmed)
		ISO 3659:1977	(reconfirmed)
		ISO 6665:1983	(reconfirmed)
		ISO 7702:1995	(reconfirmed)
		ISO 7703:1995	(reconfirmed)
		ISO 7911:1991	(reconfirmed)

ISO 8682:1987	(reconfirmed)	TC 79	Light metals and their alloys
ISO 676:1995	(reconfirmed)	ISO 3522:2007	(reconfirmed)
ISO 1208:1982	(reconfirmed)	ISO 17615:2007	(reconfirmed)
ISO 6539:2014		TC 89	Wood-based panels
ISO/TR 6579-3:2014		ISO 16987:2003	(reconfirmed)
TC 37	Language and terminology	ISO 16998:2003	(reconfirmed)
ISO 704:2009		TC 93	Starch (including derivatives and by-products)
TC 38	Textiles	ISO 11212-2:1997	(reconfirmed)
ISO 17299-1:2014		ISO 11212-3:1997	(reconfirmed)
ISO 17299-2:2014		TC 102	Iron ore and direct reduced iron
ISO 17299-3:2014		ISO 16742:2014	
TC 44	Welding and allied processes	TC 105	Steel wire ropes
ISO 14344:2010		ISO 16841:2014	
TC 46	Information and documentation	TC 107	Metallic and other inorganic coatings
ISO 5122:1979	(reconfirmed)	ISO 15695:2000	(reconfirmed)
ISO 11940:1998	(reconfirmed)	TC 108	Mechanical vibration, shock and condition monitoring
ISO 11800:1998	(reconfirmed)	ISO	(reconfirmed)
TC 47	Chemistry	16063-21:2003	
ISO 910:1977	(reconfirmed)	ISO	(reconfirmed)
ISO 2197:1972	(reconfirmed)	16063-22:2005	
ISO 2199:1972	(reconfirmed)	ISO 18431-3:2014	
ISO 2460:1973	(reconfirmed)	ISO 13374-1:2003	(reconfirmed)
ISO 2461:1973	(reconfirmed)	ISO 18436-4:2014	
ISO 2462:1973	(reconfirmed)	ISO 18436-6:2014	
ISO 2463:1973	(reconfirmed)	ISO 18436-7:2014	
ISO 2466:1973	(reconfirmed)	TC 119	Powder metallurgy
ISO 2992:1974	(reconfirmed)	ISO 3369:2006	(reconfirmed)
ISO 2993:1974	(reconfirmed)	ISO 3327:2009	(reconfirmed)
ISO 3199:1975	(reconfirmed)	ISO 7627-1:1983	(reconfirmed)
ISO 3332:1975	(reconfirmed)	ISO 7627-2:1983	(reconfirmed)
ISO 3423:1975	(reconfirmed)	ISO 7627-3:1983	(reconfirmed)
ISO 3425:1975	(reconfirmed)	ISO 7627-4:1983	(reconfirmed)
ISO 3426:1975	(reconfirmed)	ISO 7627-5:1983	(reconfirmed)
ISO 3427:1976	(reconfirmed)	ISO 7627-6:1985	(reconfirmed)
ISO 3704:1976	(reconfirmed)	ISO 11873:2005	(reconfirmed)
ISO 3705:1976	(reconfirmed)	TC 126	Tobacco and tobacco products
ISO 6796:1981	(reconfirmed)	ISO 2881:1992	(reconfirmed)
ISO 7103:1982	(reconfirmed)	ISO 3400:1997	(reconfirmed)
ISO 7105:1985	(reconfirmed)	ISO 8243:2013	
ISO 7106:1985	(reconfirmed)	ISO 10362-2:2013	
ISO 7108:1985	(reconfirmed)	ISO 20773:2013	
ISO 7109:1985	(reconfirmed)	ISO 20774:2013	
TC 51	Pallets for unit load method of materials handling	TC 135	Non-destructive testing
ISO 12777-2:2000	(reconfirmed)	ISO/TS	(reconfirmed)
ISO 12777-3:2002	(reconfirmed)	11774:2011	
ISO 15629:2002	(reconfirmed)	TC 147	Water quality
TC 58	Gas cylinders	ISO/TS	(reconfirmed)
ISO 407:2004	(reconfirmed)	13530:2009	
TC 61	Plastics	ISO 17378-1:2014	
ISO 15028:2014		ISO 17378-2:2014	
ISO 21048:2014		ISO 17994:2014	
ISO 25761:2014		ISO 16665:2014	
TC 68	Financial services	ISO/TS	(reconfirmed)
ISO 11649:2009	(reconfirmed)	23893-2:2007	
		TC 159	Ergonomics

ISO 10075-3:2004	(reconfirmed)
TC 163	Thermal performance and energy use in the built environment
ISO 14857:2014	
TC 164	Mechanical testing of metals
ISO 12107:2012	
TC 173	Assistive products
ISO 16840-3:2014	
TC 190	Soil quality
ISO 13876:2013	
ISO 13914:2013	
ISO 14256-2:2005	(reconfirmed)
ISO 14869-2:2002	(reconfirmed)
ISO 16729:2013	
ISO 18227:2014	
TC 197	Hydrogen technologies
ISO 14687-1:1999	
ISO 14687-2:2012	
ISO 14687-3:2014	
TC 201	Surface chemical analysis
ISO 18116:2005	
ISO 18117:2009	
TC 205	Building environment design
ISO 13675:2013	
ISO 16484-3:2005	(reconfirmed)
ISO 16814:2008	(reconfirmed)
ISO 23045:2008	(reconfirmed)
TC 216	Footwear
ISO 19954:2003	(reconfirmed)
ISO 22652:2002	(reconfirmed)
TC 224	Service activities relating to drinking water supply, wastewater and storm-water systems
ISO 24510:2007	(reconfirmed)
TMBG	Technical Management Board - groups
ISO 14452:2012	
JTC 1	Information technology
ISO/IEC 40500:2012	
ISO 5806:1984	(reconfirmed)
ISO 8790:1987	(reconfirmed)
ISO/IEC 29881:2010	
ISO/IEC 9282-1:1988	(reconfirmed)
ISO/IEC 10918-3:1997	(reconfirmed)
ISO/IEC 13522-1:1997	(reconfirmed)
ISO/IEC 13522-3:1997	(reconfirmed)
ISO/IEC 13522-5:1997	(reconfirmed)
ISO/IEC 14496-20:2008	(reconfirmed)
ISO/IEC 23000-8:2008	(reconfirmed)
ISO/IEC 23004-8:2009	(reconfirmed)

ISO/IEC
20944-1:2013
ISO/IEC
20944-2:2013
ISO/IEC
20944-3:2013
ISO/IEC
20944-4:2013
ISO/IEC
20944-5:2013
ISO/IEC
24751-1:2008

Standards withdrawn

Period from 01 July to 31 July 2019

TC 17	Steel
ISO 6930-1:2001	(replaced by ISO 6930:2019)
ISO 6930-2:2004	(replaced by ISO 6930:2019)
TC 23	Tractors and machinery for agriculture and forestry
ISO 8437:1989	(replaced by ISO 8437-1:2019, ISO 8437-2:2019, ISO 8437-3:2019, ISO 8437-4:2019)
ISO 8437:1989/ Amd 1:1997	(replaced by ISO 8437-1:2019, ISO 8437-2:2019, ISO 8437-3:2019, ISO 8437-4:2019)
TC 34	Food products
ISO 6730:2005	(replaced by ISO 17410:2019)
ISO 8552:2004	(replaced by ISO 17410:2019)
ISO/TS 15216-2:2013	(replaced by ISO 15216-2:2019)
TC 70	Internal combustion engines
ISO 8178-10:2002	(replaced by ISO 8178-9:2019)
TC 114	Horology
ISO 4168:2002	(replaced by)
TC 145	Graphical symbols
ISO 20712-1:2008	(replaced by ISO 7010:2019)
TC 204	Intelligent transport systems
ISO 17573:2010	(replaced by ISO 17573-1:2019)
ISO/TS 21219-2:2014	(replaced by ISO 21219-2:2019)
ISO/TS 21219-3:2015	(replaced by ISO 21219-3:2019)
ISO/TS 21219-4:2015	(replaced by ISO 21219-4:2019)
ISO/TS 21219-5:2015	(replaced by ISO 21219-5:2019)
ISO/TS 21219-6:2015	(replaced by ISO 21219-6:2019)
ISO/TS 21219-18:2015	(replaced by ISO 21219-18:2019)
TC 211	Geographic information/Geomatics
ISO/TS 19135-2:2012	(replaced by)
TC 226	Materials for the production of primary aluminium

ISO 802:1976	(replaced by ISO 23028:2019)
JTC 1	Information technology
ISO/IEC TR 29154:2013	(replaced by)

Meeting calendar

The meeting calendar is available at

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