

ISO Update

Supplement to ISOfocus

September 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 August to 31 August 2019

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 4	Rolling bearings
ISO/CD 20515	Rolling bearings — Radial bearings, retaining slots — Dimensions and tolerances
TC 6	Paper, board and pulps
ISO/CD 638-2	Paper, board and pulps — Dry Matter content — Part 2: Liquid suspensions and gels
TC 8	Ships and marine technology
ISO/CD 21716-1	Ships and marine technology — Bioassay methods for screening anti-fouling paints — Part 1: General requirements
ISO/CD 21716-2	Ships and marine technology — Bioassay methods for screening anti-fouling paints — Part 2: Barnacles
ISO/CD 21716-3	Ships and marine technology — Bioassay methods for screening anti-fouling paints — Part 3: Mussels
TC 20	Aircraft and space vehicles
ISO/CD 22591	Space systems — Space-based service for a positioning system with high accuracy and safety support applications in low visibility due to weather conditions
ISO/DTR 23629-1	UAS traffic management (UTM) — Part 1: Survey results on UTM
TC 22	Road vehicles
ISO/CD 23150	Road vehicles — Data communication between sensors and data fusion unit for automated driving functions — Logical interface
ISO/CD 23239-1	Road vehicles — Vehicle domain data collection service — Part 1: General information and use case definitions
ISO/CD 4925	Road vehicles — Specification of non-petroleum-base brake fluids for hydraulic systems
ISO/CD 23274-2	Hybrid-electric road vehicles — Exhaust emissions and fuel consumption measurements — Part 2: Externally chargeable vehicles

ISO/CD 23828	Fuel cell road vehicles — Energy consumption measurement — Vehicles fuelled with compressed hydrogen
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO/DTR 21354	Measurement of multiphase fluid flow
TC 34	Food products
ISO/CD 24220	Paocai (salted fermented vegetables) — Specification and test methods
TC 38	Textiles
ISO/CD 1140	Fibre ropes — Polyamide — 3-, 4-, 8- and 12-strand ropes
ISO/CD 1141	Fibre ropes — Polyester — 3-, 4-, 8- and 12-strand ropes
ISO/CD 1346	Fibre ropes — Polypropylene split film, monofilament and multifilament (PP2) and polypropylene high-tenacity multifilament (PP3) — 3-, 4-, 8- and 12-strand ropes
ISO/CD 23332-1	Textiles - Determination of index ingredient from coloured textile — Part 1: Catechu
ISO/CD 23332-2	Textiles - Determination of index ingredient from coloured textile — Part 2: Lac
ISO/CD 23332-3	Textiles - Determination of index ingredient from coloured textile — Part 3: Punica granatum
TC 42	Photography
ISO 12232:2019/CD Amd 1	Photography — Digital still cameras — Determination of exposure index, ISO speed ratings, standard output sensitivity, and recommended exposure index — Amendment 1: Annex E - Determination of encoding relative sensitivity (ERS)
ISO 19093:2018/CD Amd 1	Photography — Digital cameras — Measuring low-light performance — Amendment 1: Chroma decrease calculation
TC 43	Acoustics
ISO/CD 21955	Vehicles — Experimental method for transposition of dynamic forces generated by an active component from a test bench to a vehicle
ISO/CD 9053-2	Acoustics — Determination of airflow resistance — Part 2: Alternating airflow method
TC 45	Rubber and rubber products
ISO/CD 6914	Rubber, vulcanized or thermoplastic — Determination of ageing characteristics by measurement of stress relaxation in tension
ISO/DTR 17051	Rubber, vulcanized — Guidelines for material specification
TC 85	Nuclear energy, nuclear technologies, and radiological protection
ISO/CD 23018	Group-Averaged Neutron and Gamma-Ray Cross Sections for Radiation Protection and Shielding Calculations for Nuclear Reactors
TC 96	Cranes
ISO/CD 10245-1	Cranes — Limiting and indicating devices — Part 1: General
TC 106	Dentistry
ISO/CD 15854	Dentistry — Casting and baseplate waxes
TC 123	Plain bearings

ISO/CD 7905-2	Plain bearings — Bearing fatigue — Part 2: Test with a cylindrical specimen of a metallic bearing material	TC 206	Fine ceramics
TC 127	Earth-moving machinery	ISO/CD 23737	Fine Ceramics (advanced ceramics, advanced technical ceramics) — Wear test methods of fine ceramic thin films under dry and humid conditions
ISO/DTS 19014-5	Earth-moving machinery — Functional safety — Part 5: Tables of performance levels	ISO/CD 23738	Fine ceramics (advanced ceramics, advanced technical ceramics) — Measurement method of spectral reflectance of fine ceramics thin films under humid condition
TC 130	Graphic technology	TC 210	Quality management and corresponding general aspects for medical devices
ISO/CD 20616-1	Graphic technology — File format for quality control and metadata — Part 1: Print requirements exchange (PRX)	ISO/DTR 20416	Medical devices — Post-market surveillance for manufacturers
ISO/CD 23395	Graphic technology-Method and device for testing the ink or varnish adhesion on a substrate	TC 212	Clinical laboratory testing and in vitro diagnostic test systems
ISO/DTS 23564	Image technology colour management — Evaluating colour transform accuracy in ICC profiles	ISO/CD 17593	Clinical laboratory testing and in vitro medical devices — Requirements for in vitro monitoring systems for self-testing of oral anticoagulant therapy
TC 131	Fluid power systems	TC 219	Floor coverings
ISO/DTR 22164	Fluid power — Application notes for the optimization of the energy efficiency of hydraulic systems	ISO 20326:2016/CD Amd 1	Resilient floor coverings — Specification for floor panels/assembly for loose laying — Amendment 1
TC 154	Processes, data elements and documents in commerce, industry and administration	TC 229	Nanotechnologies
ISO/CD 19626-2	Processes, data elements and documents in commerce, industry and administration --Trusted communication platform for electronic documents — Part 2: Applications	ISO/DTS 19807-2	Nanotechnologies — Magnetic nanomaterials — Part 2: Specification of characteristics and measurements for nanostructured superparamagnetic beads for nucleic acid extraction
TC 159	Ergonomics	ISO/DTS 21356-1	Nanotechnologies — Structural characterization of graphene — Part 1: Graphene from powders and dispersions
ISO/CD TR 9241-810	Ergonomics of human-system interaction — Part 810: Robotic, intelligent and autonomous systems	ISO/DTR 21624	Nanotechnologies — Considerations for in vitro studies of airborne nanomaterials
ISO/CD TS 21054	Ergonomics — Accessible design — input controls of consumer products	ISO/DTS 22082	Nanotechnologies — Toxicity assessment of nanomaterials using dechorionated zebrafish embryo
TC 161	Controls and protective devices for gas and/or oil	TC 238	Solid biofuels
ISO/CD 23551-6	Safety and control devices for gas burners and gas-burning appliances — Part 6: Thermoelectric flame supervision controls	ISO/DTS 20048-1	Solid biofuels — Determination of off-gassing and oxygen depletion characteristics — Part 1: Laboratory method for the determination of off-gassing and oxygen depletion
ISO/CD 23551-9	Safety and control devices for gas burners and gas-burning appliances — Part 9: Mechanical gas thermostats	TC 260	Human resource management
TC 171	Document management applications	ISO/DTS 30423	Human resource management — Compliance and ethics metrics cluster
ISO/CD 14289-2	Document management applications — Electronic document file format enhancement for accessibility — Part 2: Use of ISO 32000-2 (PDF/UA-2)	TC 264	Fireworks
TC 172	Optics and photonics	ISO/CD 22863-4	Fireworks — Test methods for determination of specific chemical substances — Part 4: Analysis of lead and lead compounds by X-ray Fluorescence spectrometry (XRF)
ISO/CD 14881	Integrated optics — Interfaces — Parameters relevant to coupling properties	ISO/CD 22863-5	Fireworks — Test methods for determination of specific chemical substances — Part 5: Analysis of lead and lead compounds by Inductively Coupled Plasma spectrometry (ICP)
TC 184	Automation systems and integration	ISO/CD 22863-6	Fireworks — Test methods for determination of specific chemical substances — Part 6: Zirconium with a particle size of less than 40 µm by Inductively Coupled Plasma Optical Emission Spectrometry(ICP-OES)
ISO/CD 10303-210	Industrial automation systems and integration — Product data representation and exchange — Part 210: Application protocol: Electronic assembly, interconnect and packaging design	ISO/CD 22863-7	Fireworks — Test methods for determination of specific chemical substances — Part 7: chlorates content by Chemical Titration Analysis
ISO/DIS 10303-238	Industrial automation systems and integration — Product data representation and exchange — Part 238: Application protocol: Model based integrated manufacturing	ISO/CD 22863-8	Fireworks — Test methods for determination of specific chemical substances — Part 8: Arsenic content by hydride generation-atomic fluorescence spectrometry
TC 198	Sterilization of health care products		
ISO/DTS 11137-4	Sterilization of health care products — Radiation — Part 4: Guidance on process control		
TC 204	Intelligent transport systems		
ISO/CD 22741-1	Intelligent transport systems — Roadside modules AP-DATEX data interface — Part 1: Overview		

ISO/CD 22863-9	Fireworks — Test methods for determination of specific chemical substances — Part 9: Mercury content by hydride generation-atomic fluorescence spectrometry
ISO/CD 22863-10	Fireworks — Test methods for determination of specific chemical substances — Part 10: Nitrogen content in nitrocellulose by Iron(II) sulfate titration
TC 270	Plastics and rubber machines
ISO/CD 23582-1	Plastics and rubber machines — Clamping systems — Part 1: Safety requirements for magnetic clamping systems
TC 301	Energy management and energy savings
ISO/CD 50005	Energy management systems — Modular implementation of the energy management system ISO 50001 including the use of energy performance evaluation techniques
ISO/CD 50009	Guidance for multiple organizations implementing a common (ISO50001) EnMS
TC 307	Blockchain and distributed ledger technologies
ISO/CD 23257	Blockchain and distributed ledger technologies — Reference architecture
JTC 1	Information technology
ISO/IEC CD 10646	Information technology — Universal Coded Character Set (UCS)
ISO/IEC CD 22460-1	ISO license and drone identity module for drone (Ultra light vehicle or unmanned aircraft system) — Part 1: Physical characteristics and basic data sets for drone licence
ISO/IEC CD 14882	Programming languages — C++
ISO/IEC CD 18033-1	Information technology — Security techniques — Encryption algorithms — Part 1: General
ISO/IEC CD 19989-2	Information technology — Security techniques — Criteria and methodology for security evaluation of biometric systems — Part 2: Biometric recognition performance
ISO/IEC CD 27551	Information technology — Security techniques — Requirements for attribute-based unlinkable entity authentication
ISO/IEC 15444-5:2015/ PDAM 1	Information technology — JPEG 2000 image coding system: Reference software — Part 5: — Amendment 1: Reference software for High-Throughput JPEG 2000 (HTJ2K)
ISO/IEC CD 18181	JPEG XL Image Coding System
ISO/IEC 23008-4/ PDAM 2	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 4: MMT reference and conformance software — Amendment 2
ISO/IEC PDTR 23091-4	Information technology — Coding-independent code points — Part 4: Usage of video signal type code points
ISO/IEC CD 29158	Information technology — Automatic identification and data capture techniques — Direct Part Mark (DPM) Quality Guideline
ISO/IEC CD 17549-1	Information technology — User interface guidelines on menu navigation — Part 1: Framework
ISO/IEC CD 17549-3	Information technology — User interface guidelines on menu navigation — Part 3: Navigation with 1-direction devices
ISO/IEC CD 23127-1	Information technology for learning, education and training — Metadata for facilitators of online learning — Part 1: Framework

ISO/IEC CD 39794-16	Information technology — Extensible biometric data interchange formats — Part 16: Full body image data
ISO/IEC CD 39794-17	Information technology — Extensible biometric data interchange formats — Part 17: Gait image sequence data
ISO/IEC PDTR 22564-1	Information technology — Service management of infrastructure — Part 1: Process reference model (PRM) for data centre services

DIS circulated

Period from 01 August to 31 August 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 308	Chain of custody - General terminology and models	
ISO/DIS 22095	Chain of custody — General terminology and models	2019-11-19
TC 1	Screw threads	
ISO 68-1:1998/ DAmD 1	ISO general purpose screw threads — Basic profile — Part 1: Metric screw threads — Amendment 1	2019-11-08
ISO 68-2:1998/ DAmD 1	ISO general-purpose screw threads — Basic profile — Part 2: Inch screw threads — Amendment 1	2019-11-08
ISO 1501:2009/ DAmD 1	ISO miniature screw threads — Amendment 1: The figure for the tolerance zone of external thread	2019-11-11
ISO/DIS 2904	ISO metric trapezoidal screw threads — Basic dimensions (Revision of ISO 2904:1977)	2019-11-05
TC 6	Paper, board and pulps	
ISO/DIS 9198	Paper, board and pulp — Determination of water-soluble sulfates (Revision of ISO 9198:2001)	2019-11-14
TC 10	Technical product documentation	
ISO/DIS 128-2	Technical product documentation — General principles of representation — Part 2: Basic conventions for lines (Revision of ISO 128-20:1996, ISO 128-23:1999, ISO 128-22:1999, ISO 128-25:1999, ISO 128-24:2014)	2019-11-11

ISO/DIS 128-3	Technical product documentation — General principles of representation — Part 3: Views, sections and cuts (Revision of ISO 128-30:2001, ISO 8048:1984, ISO 128-50:2001, ISO 128-40:2001, ISO 128-34:2001, ISO 128-44:2001)	2019-11-11	ISO 10893-11:2011/DAmD 1	Non-destructive testing of steel tubes — Part 11: Automated ultrasonic testing of the weld seam of welded steel tubes for the detection of longitudinal and/or transverse imperfections — Amendment 1: Change the ultrasonic test frequency of transducers; change of acceptance criteria	2019-11-19
TC 17	Steel				
ISO/DIS 4947	Steel and cast iron — Determination of vanadium content — Potentiometric titration method (Revision of ISO 4947:1986)	2019-11-08	ISO 10893-12:2011/DAmD 1	Non-destructive testing of steel tubes — Part 12: Automated full peripheral ultrasonic thickness testing of seamless and welded (except submerged arc-welded) steel tubes — Amendment 1: Change of acceptance criteria	2019-11-19
ISO 10893-1:2011/DAmD 1	Non-destructive testing of steel tubes — Part 1: Automated electromagnetic testing of seamless and welded (except submerged arc-welded) steel tubes for the verification of hydraulic leaktightness — Amendment 1: Change of dimensions of the reference notch; change acceptance criteria	2019-11-12	TC 20 ISO/DIS 8081	Aircraft and space vehicles Aerospace process — Chemical conversion coating for aluminium alloys — General purpose (Revision of ISO 8081:1985)	2019-11-22
ISO 10893-2:2011/DAmD 1	Non-destructive testing of steel tubes — Part 2: Automated eddy current testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of imperfections — Amendment 1: Change of dimensions of the reference notch; change acceptance criteria	2019-11-12	TC 22 ISO/DIS 21111-5	Road vehicles Road vehicles — In-vehicle Ethernet — Part 5: Optical 1-Gbit/s physical layer system requirements and test plans	2019-11-11
ISO 10893-3:2011/DAmD 2	Non-destructive testing of steel tubes — Part 3: Automated full peripheral flux leakage testing of seamless and welded (except submerged arc-welded) ferromagnetic steel tubes for the detection of longitudinal and/or transverse imperfections — Amendment 2: Change acceptance criteria	2019-11-19	ISO/DIS 19453-6 ISO/DIS 1585	Road vehicles — Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles — Part 6: Traction battery packs and systems Road vehicles — Engine test code — Net power (Revision of ISO 1585:1992)	2019-11-11 2019-10-28
ISO 10893-8:2011/DAmD 1	Non-destructive testing of steel tubes — Part 8: Automated ultrasonic testing of seamless and welded steel tubes for the detection of laminar imperfections — Amendment 1: Change acceptance criteria	2019-11-19	ISO/DIS 2534 ISO/DIS 3584	Road vehicles — Engine test code — Gross power (Revision of ISO 2534:1998) Road vehicles — Drawbar couplings — Interchangeability (Revision of ISO 3584:2001)	2019-10-28 2019-11-07
ISO 10893-9:2011/DAmD 1	Non-destructive testing of steel tubes — Part 9: Automated ultrasonic testing for the detection of laminar imperfections in strip/plate used for the manufacture of welded steel tubes — Amendment 1: Change acceptance criteria	2019-11-19	ISO 18868:2013/DAmD 1	Commercial road vehicles — Coupling equipment between vehicles in multiple vehicle combinations — Strength requirements — Amendment 1	2019-11-06
ISO 10893-10:2011/DAmD 1	Non-destructive testing of steel tubes — Part 10: Automated full peripheral ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for the detection of longitudinal and/or transverse imperfections — Amendment 1: Change the ultrasonic test frequency of transducers; change of acceptance criteria	2019-11-19	TC 23 ISO/DIS 6489-3 ISO/DIS 21628 ISO/DIS 21876	Tractors and machinery for agriculture and forestry Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 3: Tractor drawbar (Revision of ISO 6489-3:2004) Gardening machinery — Powered material-collecting systems — Safety (Revision of ISO 21628:2008, ISO 21628:2008/Amd 1:2015) Machinery for forestry — Saw chain shot protective windows — Test method and performance criteria	2019-10-29 2019-11-14

TC 24	Particle characterization including sieving			TC 42	Photography		
ISO/DIS 17867	Determination of particle size distribution — SAXS method	2019-10-25		ISO/DIS 18936	Imaging materials — Processed colour photographs — Methods for measuring thermal stability	2019-11-22	
	(Revision of ISO 17867:2015)				(Revision of ISO 18936:2012)		
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources			ISO/DIS 18941	Imaging materials — Colour reflection prints — Test method for ozone gas fading stability	2019-11-22	
ISO 3839:1996/DAmd 1	Petroleum products — Determination of bromine number of distillates and aliphatic olefins — Electrometric method — Amendment 1	2019-11-05			(Revision of ISO 18941:2017)		
ISO 8973:1997/DAmd 1	Liquefied petroleum gases — Calculation method for density and vapour pressure — Amendment 1	2019-11-14		TC 44	Welding and allied processes		
ISO 13758:1996/DAmd 1	Liquefied petroleum gases — Assessment of the dryness of propane — Valve freeze method — Amendment 1	2019-11-18		ISO 15614-1:2017/DAmd 2	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 2	2019-11-07	
TC 31	Tyres, rims and valves			TC 45	Rubber and rubber products		
ISO/DIS 4209-2	Truck and bus tyres and rims (metric series) — Part 2: Rims	2019-11-07		ISO/DIS 1409	Plastics/rubber — Polymer dispersions and rubber latices (natural and synthetic) — Determination of surface tension (Revision of ISO 1409:2006)	2019-10-28	
	(Revision of ISO 4209-2:2012)			ISO/DIS 22751	Rubber or plastic coated fabrics — Physical and mechanical test — Determination of bending force		
TC 33	Refractories			TC 46	Information and documentation		
ISO/DIS 21736	Refractories — Test methods for thermal shock resistance	2019-11-14		ISO/DIS 3166-1	Codes for the representation of names of countries and their subdivisions — Part 1: Country code (Revision of ISO 3166-1:2013)	2019-11-01	
TC 35	Paints and varnishes			ISO/DIS 3166-2	Codes for the representation of names of countries and their subdivisions — Part 2: Country subdivision code (Revision of ISO 3166-2:2013)	2019-11-01	
ISO/DIS 13885-1	Gel permeation chromatography (GPC) — Part 1: Tetrahydrofuran (THF) as eluent	2019-11-20		ISO/DIS 3166-3	Codes for the representation of names of countries and their subdivisions — Part 3: Code for formerly used names of countries (Revision of ISO 3166-3:2013)	2019-11-01	
ISO/DIS 13885-2	Gel permeation chromatography (GPC) — Part 2: N,N-Dimethylacetamide (DMAC) as eluent	2019-11-20		TC 58	Gas cylinders		
ISO/DIS 13885-3	Gel permeation chromatography (GPC) — Part 3: Water as eluent	2019-11-20		ISO/DIS 11119-1	Gas cylinders — Refillable composite gas cylinders and tubes — Design, construction and testing — Part 1: Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l (Revision of ISO 11119-1:2012)	2019-11-13	
TC 38	Textiles			ISO/DIS 11119-2	Gas cylinders — Refillable composite gas cylinders and tubes — Design, construction and testing — Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners (Revision of ISO 11119-2:2012, ISO 11119-2:2012/Amd 1:2014)	2019-11-14	
ISO/DIS 21915-1	Textiles — Qualitative and quantitative analysis of some cellulose fibres (lyocell, cupro) and their blends — Part 1: Fibre identification using scanning electron microscopy and spectral analysis methods (Revision of ISO/WD 21915)	2019-11-22					
ISO/DIS 21915-2	Textiles — Qualitative and quantitative analysis of some cellulose fibres (lyocell, cupro) and their blends — Part 2: Blend quantification using light microscopy method (Revision of ISO/WD 21915)	2019-11-22					
ISO/DIS 21915-3	Textiles — Qualitative and quantitative analysis of some cellulose fibres (lyocell, cupro) and their blends — Part 3: Blend quantification using spectral analysis method	2019-11-22					

ISO/DIS 11119-3	Gas cylinders — Refillable composite gas cylinders and tubes — Design, construction and testing — Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners (Revision of ISO 11119-3:2013)	2019-11-13	ISO/DIS 8794	Steel wire ropes — Spliced eye terminations for slings (Revision of ISO 8794:1986)	2019-11-11
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		TC 110	Industrial trucks	
ISO/DIS 10426-2	Petroleum and natural gas industries — Cements and materials for well cementing — Part 2: Testing of well cements (Revision of ISO 10426-2:2003, ISO 10426-2:2003/Amd 1:2005, ISO 10426-2:2003/Cor 1:2006)	2019-11-01	ISO 3691-2:2016/DAMd 2	Industrial trucks — Safety requirements and verification — Part 2: Self-propelled variable-reach trucks — Amendment 2	2019-11-19
TC 85	Nuclear energy, nuclear technologies, and radiological protection		ISO/DIS 22915-13	Industrial trucks — Verification of stability — Part 13: Rough-terrain trucks with mast (Revision of ISO 22915-13:2012, ISO 22915-13:2012/Cor 1:2013)	2019-11-01
ISO/DIS 20890-1.2	Guidelines for in-service inspections for primary coolant circuit components of light water reactors — Part 1: Mechanized ultrasonic testing	2019-10-22	TC 120	Leather	
ISO/DIS 20890-2.2	Guidelines for in-service inspections for primary coolant circuit components of light water reactors — Part 2: Magnetic particle and penetrant testing	2019-10-22	ISO/DIS 20940	Leather — Crust full chrome upper leather — Specifications and test methods	2019-11-21
ISO/DIS 20890-4.2	Guidelines for in-service inspections for primary coolant circuit components of light water reactors — Part 4: Visual testing	2019-10-22	TC 138	Plastics pipes, fittings and valves for the transport of fluids	
ISO/DIS 20890-6.2	Guidelines for in-service inspections for primary coolant circuit components of light water reactors — Part 6: Radiographic testing	2019-10-22	ISO/DIS 6259-2	Thermoplastics pipes — Determination of tensile properties — Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI) (Revision of ISO 6259-2:1997)	2019-10-30
TC 86	Refrigeration and air-conditioning		TC 145	Graphical symbols	
ISO 5149-2:2014/DAMd 1	Refrigerating systems and heat pumps — Safety and environmental requirements — Part 2: Design, construction, testing, marking and documentation — Amendment 1	2019-11-08	ISO/DIS 20560-1	Safety information for the content of piping systems and tanks — Part 1: Piping systems	2019-10-30
TC 92	Fire safety		TC 157	Non-systemic contraceptives and STI barrier prophylactics	
ISO/DIS 22899-1	Determination of the resistance to jet fires of passive fire protection materials — Part 1: General requirements (Revision of ISO 22899-1:2007)	2019-10-30	ISO 25841:2017/ DAMd 1	Female condoms — Requirements and test methods — Amendment 1	2019-11-11
TC 94	Personal safety -- Personal protective equipment		TC 161	Controls and protective devices for gas and/or oil	
ISO/DIS 18527-3	Eye and face protection for sports use — Part 3: Requirements and test methods for eyewear intended to be used for surface swimming	2019-11-06	ISO/DIS 23551-5	Safety and control devices for gas burners and gas-burning appliances — Part 5: Manual gas valves (Revision of ISO 23551-5:2014)	2019-10-30
ISO 13688:2013/ DAMd 1	Protective clothing — General requirements — Amendment 1	2019-11-07	TC 171	Document management applications	
TC 105	Steel wire ropes		ISO/DIS 23504-1.2	Document management applications — Raster image transport and storage — Part 1: Use of ISO 32000 (PDF/R-1)	2019-10-11
			TC 173	Assistive products	
			ISO/DIS 17190-1	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 1: Test method for determination of pH (Revision of ISO 17190-1:2001)	2019-11-07

ISO/DIS 17190-2	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 2: Test method for determination of the amount of residual acrylate monomers (Revision of ISO 17190-2:2001)	2019-11-07	ISO/DIS 12742	Copper, lead, and zinc sulfide concentrates — Determination of transportable moisture limits — Flow-table method (Revision of ISO 12742:2007)	2019-10-28
ISO/DIS 17190-3	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 3: Test method for determination of the particle size distribution by sieve fractionation (Revision of ISO 17190-3:2001)	2019-11-07	ISO/DIS 15661	Copper and nickel sulfide ores and concentrates — Determination of total chlorine content — Alkaline fusion and potentiometric titration method	2019-11-07
ISO/DIS 17190-4	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 4: Test method for estimation of the moisture content as weight loss upon heating (Revision of ISO 17190-4:2001)	2019-11-07	TC 184	Automation systems and integration	
ISO/DIS 17190-5	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 5: Test method for determination of the free swell capacity in saline by gravimetric measurement (Revision of ISO 17190-5:2001)	2019-11-07	ISO/DIS 10303-242.2	Industrial automation systems and integration — Product data representation and exchange — Part 242: Application protocol: Managed model-based 3D engineering (Revision of ISO 10303-242:2014, ISO 10303-242:2014/Cor 1:2016)	2019-10-03
ISO/DIS 17190-6	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 6: Test method for determination of the fluid retention capacity in saline solution by gravimetric measurement following centrifugation (Revision of ISO 17190-6:2001)	2019-11-07	TC 185	Safety devices for protection against excessive pressure	
ISO/DIS 17190-7	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 7: Test method for gravimetric determination of absorption against pressure (Revision of ISO 17190-7:2001)	2019-11-07	ISO/DIS 4126-3	Safety devices for protection against excessive pressure — Part 3: Safety valves and bursting disc safety devices in combination (Revision of ISO 4126-3:2006)	2019-10-28
ISO/DIS 17190-8	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 8: Test method for determination of the permeability dependent absorption under pressure of saline solution by gravimetric measurement (Revision of ISO 17190-8:2001)	2019-11-07	TC 190	Soil quality	
ISO/DIS 17190-9	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 9: Test method for gravimetric determination of flow rate and bulk density (Revision of ISO 17190-9:2001, ISO 17190-9:2001/Cor 1:2002)	2019-11-07	ISO/DIS 16751	Soil quality — Environmental availability of non-polar organic compounds — Determination of the potentially bioavailable fraction and the non-bioavailable fraction using a strong adsorbent or complexing agent (Revision of ISO/TS 16751:2018)	2019-10-25
ISO/DIS 17190-10	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 10: Test method for determination of extractable polymer content by potentiometric titration (Revision of ISO 17190-10:2001)	2019-11-07	TC 201	Surface chemical analysis	
TC 182	Geotechnics		ISO/DIS 22581	Surface chemical analysis by XPS - Data management and treatment - Near real time information from the X-ray photoelectron spectroscopy survey scan — Rules for identification of, and correction for, the presence of surface contamination by carbon-containing compound	2019-11-06
ISO/DIS 22476-9	Ground investigation and testing — Field testing — Part 9: Field vane test (FVT and FVT-F)		TC 204	Intelligent transport systems	
TC 183	Copper, lead, zinc and nickel ores and concentrates		ISO/DIS 14819-1	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 1: Coding protocol for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C (Revision of ISO 14819-1:2013)	2019-11-15
			ISO/DIS 14819-2	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 2: Event and information codes for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C (Revision of ISO 14819-2:2013)	2019-11-15

ISO/DIS 14819-3	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 3: Location referencing for Radio Data System — Traffic Message Channel (RDS-TMC) using ALERT-C (Revision of ISO 14819-3:2013)	2019-11-15
ISO 15784-2:2015/DAmD 1	Intelligent transport systems (ITS) — Data exchange involving roadside modules communication — Part 2: Centre to field device communications using SNMP — Amendment 1: Support for SHA2 encryption	2019-11-07
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Period from 01 August to 31 August 2019

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

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¹ delayed publication of language version

² corrected version

³ multilingual document

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TC 190		Soil quality		ISO 21416:2019	en fr	Recreational diving services — Requirements and guidance on environmentally sustainable practices in recreational diving	B
ISO/TS 22939:2019	en	Soil quality — Measurement of enzyme activity patterns in soil samples using fluorogenic substrates in micro-well plates	C	ISO 21417:2019	en fr	Recreational diving services — Requirements for training on environmental awareness for recreational divers	B
ISO 23611-3:2019	en fr	Soil quality — Sampling of soil invertebrates — Part 3: Sampling and extraction of enchytraeids	C	TC 268		Sustainable cities and communities	
ISO 15800:2019	en fr	Soil quality — Characterization of soil with respect to human exposure	F	ISO 37158:2019	en	Smart community infrastructures — Smart transportation using battery-powered buses for passenger services	B
TC 201		Surface chemical analysis		TC 276		Biotechnology	
ISO 10810:2019	en	Surface chemical analysis — X-ray photoelectron spectroscopy — Guidelines for analysis	E	ISO 20391-2:2019	en	Biotechnology — Cell counting — Part 2: Experimental design and statistical analysis to quantify counting method performance	G
				ISO 20395:2019	en	Biotechnology — Requirements for evaluating the performance of quantification methods for nucleic acid target sequences — qPCR and dPCR	F
				TMBG		Technical Management Board - groups	

ISO/IEC Guide 59:2019	en fr	ISO and IEC recommended practices for standardization by national bodies	C	ISO/IEC 15961-2:2019	en	Information technology — Data protocol for radio frequency identification (RFID) for item management — Part 2: Registration of RFID data constructs	B
ISO/IEC Guide 63:2019	en	Guide to the development and inclusion of aspects of safety in International Standards for medical devices	D	ISO/IEC 24770-5:2019	en	Information technology --Real-time locating system (RTLS) device performance test methods — Part 5: Test methods for chirp spread spectrum (CSS) air interface	B
CASCO		Committee on conformity assessment		ISO/IEC 9075-2:2016/Cor 1:2019	en	Information technology — Database languages — SQL — Part 2: Foundation (SQL/Foundation) — Technical Corrigendum 1	free
ISO/TS 17033:2019	en fr	Ethical claims and supporting information — Principles and requirements	C	ISO/IEC 9075-4:2016/Cor 1:2019	en	Information technology — Database languages — SQL — Part 4: Persistent stored modules (SQL/PSM) — Technical Corrigendum 1	free
JTC 1		Information technology		ISO/IEC 9075-9:2016/Cor 1:2019	en	Information technology — Database languages — SQL — Part 9: Management of External Data (SQL/MED) — Technical Corrigendum 1	free
ISO/IEC 15909-1:2019	en	Systems and software engineering — High-level Petri nets — Part 1: Concepts, definitions and graphical notation	E	ISO/IEC 9075-11:2016/Cor 1:2019	en	Information technology — Database languages — SQL — Part 11: Information and definition schemas (SQL/Schemata) — Technical Corrigendum 1	free
ISO/IEC 25030:2019	en	Systems and software engineering — Systems and software quality requirements and evaluation (SQuaRE) — Quality requirements framework	F	ISO/IEC 9075-13:2016/Cor 1:2019	en	Information technology — Database languages — SQL — Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT) — Technical Corrigendum 1	free
ISO/IEC TR 33015:2019	en	Information technology — Process assessment — Guidance for process risk determination	E	ISO/IEC 9075-14:2016/Cor 1:2019	en	Information technology — Database languages — SQL — Part 14: XML-Related Specifications (SQL/XML) — Technical Corrigendum 1	free
ISO/IEC 7816-8:2019	en	Identification cards — Integrated circuit cards — Part 8: Commands and mechanisms for security operations	E	ISO/IEC 20000-2:2019	en fr	Information technology — Service management — Part 2: Guidance on the application of service management systems	G
ISO/IEC TR 29106:2007/ Amd 2:2019	en	Information technology — Generic cabling — Introduction to the MICE environmental classification — Amendment 2	XZ	ISO/IEC 20000-3:2019	en fr	Information technology — Service management — Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1	E
ISO/IEC 27019:2017	en ²	Information technology — Security techniques — Information security controls for the energy utility industry	E				
ISO/IEC 27102:2019	en	Information security management — Guidelines for cyber-insurance	C				
ISO/IEC 27701:2019	en	Security techniques — Extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy information management — Requirements and guidelines	G				
ISO/IEC 21000-22:2019	en	Information technology — Multimedia framework (MPEG-21) — Part 22: User Description	H				
ISO/IEC 21122-3:2019	en	Information technology — JPEG XS low-latency lightweight image coding system — Part 3: Transport and container formats	F				
ISO/IEC 23005-3:2019	en	Information technology — Media context and control — Part 3: Sensory information	H				
ISO/IEC 23009-1:2019	en	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 1: Media presentation description and segment formats	H				
ISO/IEC 23091-2:2019	en	Information technology — Coding-independent code points — Part 2: Video	D				
ISO/IEC TR 23091-4:2019	en	Information technology — Coding-independent code points — Part 4: Usage of video signal type code points	C				

Standards confirmed

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

TC 6	Paper, board and pulps
ISO 5263-1:2004	(reconfirmed)
ISO 5263-2:2004	(reconfirmed)
ISO 5264-1:1979	(reconfirmed)
ISO 14487:1997	(reconfirmed)
ISO/TS 20460:2015	
TC 8	Ships and marine technology
ISO 2412:1982	(reconfirmed)
ISO 18770:2005	(reconfirmed)
TC 20	Aircraft and space vehicles

ISO 461-1:2003	(reconfirmed)
ISO 530:1975	(reconfirmed)
ISO 1033:1975	(reconfirmed)
ISO 1198:1972	(reconfirmed)
ISO 2032:1973	(reconfirmed)
ISO 2436:1973	(reconfirmed)
ISO 8056-3:1987	(reconfirmed)
ISO 8056-4:1987	(reconfirmed)
ISO 8668-5:1992	(reconfirmed)
ISO 10296:1992	(reconfirmed)
TC 22	Road vehicles
ISO 4129:2012	
ISO 4164:2012	
ISO 17479:2013	
ISO 28981:2009	(reconfirmed)
TC 30	Measurement of fluid flow in closed conduits
ISO/TR 9464:2008	
ISO/TR 11583:2012	
ISO/TR 12767:2007	
TC 34	Food products
ISO 661:2003	(reconfirmed)
ISO 16035:2003	(reconfirmed)
TC 47	Chemistry
ISO 2209:1973	(reconfirmed)
ISO 8174:1986	(reconfirmed)
TC 48	Laboratory equipment
ISO 10345-1:1992	(reconfirmed)
ISO 10345-2:1992	(reconfirmed)
TC 61	Plastics
ISO 10123:2013	
ISO 1268-4:2005	(reconfirmed)
ISO 13003:2003	(reconfirmed)
TC 69	Applications of statistical methods
ISO/TR 13195:2015	
TC 72	Textile machinery and accessories
ISO 20725:2004	(reconfirmed)
ISO 20726:2004	(reconfirmed)
ISO 20727:2004	(reconfirmed)
TC 93	Starch (including derivatives and by-products)
ISO 3188:1978	(reconfirmed)
ISO 3946:1982	(reconfirmed)
TC 94	Personal safety -- Personal protective equipment
ISO 17249:2013	
ISO 20346:2014	
TC 96	Cranes
ISO 9926-1:1990	(reconfirmed)
ISO 10973:1995	(reconfirmed)
ISO 12478-1:1997	(reconfirmed)
TC 98	Bases for design of structures
ISO 12491:1997	(reconfirmed)
TC 110	Industrial trucks

ISO 3691-6:2013	
TC 118	Compressors and pneumatic tools, machines and equipment
ISO/TR 27609:2007	
TC 122	Packaging
ISO 15750-1:2002	(reconfirmed)
ISO 15750-2:2002	(reconfirmed)
ISO 15750-3:2002	(reconfirmed)
ISO 13127:2012	
TC 135	Non-destructive testing
ISO 10878:2013	
TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO 4433-1:1997	(reconfirmed)
ISO 4433-2:1997	(reconfirmed)
ISO 4433-3:1997	(reconfirmed)
ISO 4433-4:1997	(reconfirmed)
ISO 9393-1:2004	(reconfirmed)
TC 180	Solar energy
ISO 9808:1990	(reconfirmed)
TC 189	Ceramic tile
ISO 10545-9:2013	
ISO 13007-2:2013	
ISO 13007-4:2013	
TC 190	Soil quality
ISO 13196:2013	
ISO/TS 13896:2012	(reconfirmed)
ISO/TS 13907:2012	(reconfirmed)
ISO/TS 14256-1:2003	(reconfirmed)
TC 193	Natural gas
ISO 10723:2012	
TC 215	Health informatics
ISO/TS 16843-2:2015	
JTC 1	Information technology
ISO/IEC 11072:1992	(reconfirmed)
ISO/IEC 12089:1997	(reconfirmed)
ISO/IEC 19775-1:2013	
ISO/IEC 19777-1:2006	(reconfirmed)
ISO/IEC 19777-2:2006	(reconfirmed)

Standards withdrawn

Period from 01 August to 31 August 2019

TC 5	Ferrous metal pipes and metallic fittings
ISO 5256:1985	(replaced by)
TC 22	Road vehicles
ISO/TS 19072-4:2012	(replaced by ISO 19072-4:2019)
TC 31	Tyres, rims and valves
ISO 4251-5:1992	(replaced by ISO 18807:2019)
ISO 4251-5:1992/ Amd 1:1998	(replaced by ISO 18807:2019)
TC 131	Fluid power systems
ISO 10946:1999	(replaced by ISO/TR 10946:2019)
TC 211	Geographic information/Geomatics
ISO 19153:2014	(replaced by)
TC 215	Health informatics
ISO/TR 11633-1:2009	(replaced by ISO/TS 11633-1:2019)
JTC 1	Information technology
ISO/IEC 15504-4:2004	(replaced by ISO/IEC TR 33015:2019)
ISO/IEC TS 15504-9:2011	(replaced by ISO/IEC TR 33015:2019)
ISO/IEC 23001-8:2016	(replaced by ISO/IEC 23091-1:2018, ISO/IEC 23091-2:2019, ISO/IEC 23091-3:2018)
ISO/IEC 15961:2004	(replaced by ISO/IEC 15961-1:2013, ISO/IEC 15961-2:2019, ISO/IEC 15961-3:2019, ISO/IEC 15961-4:2016)

Meeting calendar

The meeting calendar is available at

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