

ISO Update

Supplement to ISOfocus

November 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 October to 01 November 2019

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 17	Steel
ISO/DIS 14404-4	Calculation method of carbon dioxide emission intensity from iron and steel production — Part 4: Guidance for using ISO 14404 family
TC 20	Aircraft and space vehicles
ISO/CD 16378	Space systems — Measurements of thermo-optical properties of thermal control materials
TC 22	Road vehicles
ISO/CD 21806-10	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 10: 150-Mbit/s coaxial physical layer
ISO/CD 21806-11	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 11: 150-Mbit/s coaxial physical layer conformance test plan
ISO/CD 21806-12	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 12: 50-Mbit/s balanced media physical layer
ISO/CD 21806-13	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 13: 50-Mbit/s balanced media physical layer conformance test plan
ISO/CD 21806-14	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 14: Lean application layer
ISO/CD 21806-15	Road vehicles — Media Oriented Systems Transport (MOST) framework — Part 15: Lean application layer conformance test plan
ISO/CD 18669-1	Internal combustion engines — Piston pins — Part 1: General specifications
ISO/CD 1726-3	Road vehicles — Mechanical couplings between tractors and semi-trailers — Part 3: Requirements for semi-trailer contact area to fifth wheel
TC 23	Tractors and machinery for agriculture and forestry

ISO/CD 5675	Agricultural tractors and machinery — General purpose quick-action hydraulic couplers
ISO/CD 10448	Agricultural tractors — Hydraulic pressure for implements
ISO/CD 11684	Tractors, machinery for agriculture, powered lawn and garden equipment — Safety signs and hazard pictorials — General principles
TC 34	Food products
ISO/CD 23662	Food suitable for vegetarians / vegans
ISO/CD 7301.2	Rice — Specification
ISO/DIS 14501	Milk and milk powder — Determination of aflatoxin M1 content — Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography
ISO 19942:2018/CD Amd 1	Maize (<i>Zea mays</i> L.) — Specification — Amendment 1: Feed maize
TC 38	Textiles
ISO/CD 3758	Textiles — Care labelling code using symbols
ISO/CD 22958	Textiles — Water resistance — Rain tests: exposure to a horizontal water spray
TC 39	Machine tools
ISO/CD 19085-3.2	Woodworking machines — Safety requirements — Part 3: Numerically controlled (NC) boring and routing machines
ISO 16090-1:2017/CD Amd 1	Machine tools safety — Machining centres, Milling machines, Transfer machines — Part 1: Safety requirements — Amendment 1
TC 44	Welding and allied processes
ISO/CD 10675-1	Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 1: Steel, nickel, titanium and their alloys
ISO/CD 10675-2	Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 2: Aluminium and its alloys
ISO/CD 17636-1	Non-destructive testing of welds — Radiographic testing — Part 1: X- and gamma-ray techniques with film
ISO/CD 17636-2	Non-destructive testing of welds — Radiographic testing — Part 2: X- and gamma-ray techniques with digital detectors
ISO/CD 5179	Investigation of brazeability with spreading and gap-filling test
TC 48	Laboratory equipment
ISO/CD 8655-8	Piston-operated volumetric apparatus — Part 8: A photometric reference measurement procedure for the determination of volume
TC 59	Buildings and civil engineering works
ISO/CD 22057	Enabling use of Environmental Product Declarations (EPD) at construction works level using building information modelling (BIM)
TC 61	Plastics
ISO/CD 24047	Plastics — Polyethylene, polypropylene — Determination of metal content by ICP-OES
ISO/CD 24076	Plastics — Determination of Polypropylene isotactic index using low-resolution nuclear magnetic resonance spectrometry (Rapid method)
ISO/CD 23832	Plastics — Test method for determination of degradation rate and disintegration degree of plastic materials exposed to marine environmental matrices under laboratory conditions

TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	ISO/CD TR 9241-514	Guidance on adapting anthropometric data — Part 514: Data
ISO/CD 8536-12	Infusion equipment for medical use — Part 12: Check valves	TC 174	Jewellery and precious metals
ISO/CD 24075	Determination for di(2-ethylhexyl)phthalate (DEHP) released from PVC medical devices	ISO/CD 11426	Jewellery and precious metals — Determination of gold — Cupellation (fire assay)
TC 82	Mining	ISO/CD 24018	Jewellery and precious metals — Specifications for 1 kilogram gold bar
ISO/CD 19426-7	Structures for mine shafts — Part 7: Design of Rope Guides	TC 181	Safety of toys
TC 83	Sports and other recreational facilities and equipment	ISO 8124-7:2015/DAMd 1	Safety of toys — Part 7: Requirements and test methods for finger paints — Amendment 1
ISO/DIS 23223	Alpine ski boots with improved walking soles — Interface with alpine ski-bindings – Requirements and test methods	TC 188	Small craft
TC 92	Fire safety	ISO/CD 9094	Small craft — Fire protection
ISO/CD TS 16733-2	Fire safety engineering — Selection of design fire scenarios and design fires — Part 2: Design fires	ISO/CD 12133	Small craft — Carbon monoxide (CO) detection systems
ISO/CD TR 24679-8	Fire safety engineering — Performance of structures in fire — Part 8: Example of a probabilistic fire design of structures	TC 192	Gas turbines
TC 96	Cranes	ISO/CD 21789	Gas turbine applications — Safety
ISO/CD TS 23624	Safe Use of High Performance — Fibre ropes in Crane applications	TC 199	Safety of machinery
ISO/CD 23778	Proof of competence of hydraulic cylinders in crane applications	ISO/CD 14119	Safety of machinery — Interlocking devices associated with guards — Principles for design and selection
TC 104	Freight containers	TC 201	Surface chemical analysis
ISO 6346:1995/CD Amd 4	Freight containers — Coding, identification and marking — Amendment 4: ISO 6346 — Freight containers — Coding, identification and marking-Amendment 4	ISO/CD 23683	Surface chemical analysis — scanning probe microscopy — Guideline for experimental quantification of carrier concentration in semiconductor devices by using electric scanning probe microscopy
TC 122	Packaging	TC 205	Building environment design
ISO/CD 23416	General specifications and testing methods for temperature-sensitive pharmaceutical packages in good distribution practice principles	ISO/CD TR 52120-2	Energy performance of buildings — Contribution of building automation and controls and building management — Part 2: Explanation and justification of ISO 52120-1
TC 131	Fluid power systems	ISO/CD TR 52127-2	Energy performance of buildings — Building automation, controls and building management — Part 2: Explanation and justification of ISO 52127-1
ISO/CD 1179-2	Connections for general use and fluid power — Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing — Part 2: Heavy-duty (S series) and light-duty (L series) stud ends with elastomeric sealing (type E)	TC 206	Fine ceramics
ISO/CD 9974-1	Connections for general use and fluid power — Ports and stud ends with ISO 261 threads with elastomeric or metal-to-metal sealing — Part 1: Threaded ports	ISO/CD 23331	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for total electrical conductivity of conductive fine ceramics
ISO/CD 11926-1	Connections for general use and fluid power — Ports and stud ends with ISO 725 threads and O-ring sealing — Part 1: Ports with O-ring seal in truncated housing	TC 207	Environmental management
ISO/CD 12151-3	Connections for hydraulic fluid power and general use — Hose fittings — Part 3: Hose fittings with ISO 6162-1 or ISO 6162-2 flange ends	ISO/CD TS 14092	GHG Management & related activities: requirement & guidance of adaptation planning for organizations including local governments and communities
TC 136	Furniture	TC 211	Geographic information/Geomatics
ISO/CD 7170	Furniture — Storage units — Test methods for the determination of strength, durability and stability	ISO/CD 19148	Geographic information — Linear referencing
ISO/CD 23767	Children's furniture — Mattresses for cots and cribs — Safety requirements and test methods	TC 212	Clinical laboratory testing and in vitro diagnostic test systems
TC 146	Air quality	ISO/CD 23118	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for metabolomics in urine, venous blood serum and plasma
ISO/CD 23861	Workplace Air — Procedures for measuring a semi-volatile chemical agent using pumped samplers — Requirements and test methods	TC 215	Health informatics
TC 159	Ergonomics	ISO 13940:2015/CD Amd 1	Health informatics — System of concepts to support continuity of care — Amendment 1: .
		TC 219	Floor coverings
		ISO/CD TR 21868	Textile floor coverings — State of the art and guidance on maintenance and cleaning
		TC 220	Cryogenic vessels
		ISO/CD 21009-1	Cryogenic vessels — Static vacuum-insulated vessels — Part 1: Design, fabrication, inspection and tests

TC 229	Nanotechnologies
ISO/CD TS 23034	Method to estimate cellular uptake of carbon nanomaterials using optical absorption
TC 232	Education and learning services
ISO/CD 29994	Learning services outside formal education — Additional requirements for distance learning
ISO/CD 29995	Learning services outside formal education — Terminology
TC 249	Traditional Chinese medicine
ISO/CD 23190	Traditional Chinese medicine — Determination of aristolochic acids in natural products by HPLC
TC 258	Project, programme and portfolio management
ISO/CD 21500	Project, Programme and Portfolio Management — Context and Concepts
TC 266	Biomimetics
ISO/CD TR 23845	Biomimetics — Ontology enhanced thesaurus (OET) for biomimetics
TC 274	Light and lighting
ISO/CD TS 21274	Light and lighting — Commissioning process of smart lighting systems in buildings
TC 275	Sludge recovery, recycling, treatment and disposal
ISO/CD TR 19995	Sludge recovery, recycling, treatment and disposal — Thickening and dewatering
ISO/CD TR 22707	Sludge recovery, recycling, treatment and disposal — Guidance on the processes and technologies on inorganics and nutrients recovery
TC 276	Biotechnology
ISO/CD 20691	Biotechnology — Requirements for data formatting and description in the life sciences for downstream data processing and integration workflows
TC 279	Innovation management
ISO/CD 56006	Innovation management — Strategic intelligence management — Guidance
TC 292	Security and resilience
ISO/CD 22329	Security and resilience — Emergency management — Guidelines for the use of social media in emergencies
TC 298	Rare earth
ISO/CD 22453	Rare earth — Elements recycling — Method for the exchange of information of rare earth elements in by-products and industrial wastes
JTC 1	Information technology
ISO/IEC CD TS 33060	Information technology — Process assessment — Process assessment model for system life cycle processes
ISO/IEC CD 11160-2	Office equipment — Minimum information to be included in printers specification sheets — Part 2: Class 3 and Class 4 printers
ISO/IEC CD 29142-1	Information technology — Print cartridge characterization — Part 1: General: terms, symbols, notations and cartridge characterization framework
ISO/IEC CD TR 14496-24	Information technology — Coding of audiovisual objects — Part 24: Audio and systems interaction
ISO/IEC 23008-3:2019/CD Amd 2	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 3: 3D audio — Amendment 2: Corrections and Improvements on 3D audio

ISO/IEC CD 15961-1	Information technology — Data protocol for radio frequency identification (RFID) for item management — Part 1: Application interface
ISO/IEC CD 15962	Information technology — Radio frequency identification (RFID) for item management — Data protocol: data encoding rules and logical memory functions
ISO/IEC CD 18000-63	Information technology — Radio frequency identification for item management — Part 63: Parameters for air interface communications at 860 MHz to 960 MHz Type C
ISO/IEC CD 23200	Test method for RFID tag interference rejection performance
ISO/IEC CD 11404	Information technology — General-Purpose Datatypes (GPD)
ISO/IEC CD TS 23078-1	Specification of DRM technology for digital publications — Part 1: Overview of copyright protection technologies in use in the publishing industry
ISO/IEC CD TS 23078-2	Specification of DRM technology for digital publications — Part 2: User key-based protection
ISO/IEC CD TR 20547-1	Information technology — Big data reference architecture — Part 1: Framework and application process
ISO/IEC CD 23053	Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML)
ISO/IEC CD TR 24029-1	Artificial Intelligence (AI) — Assessment of the robustness of neural networks — Part 1: Overview

DIS circulated

Period from 01 October to 01 November 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
IIW	International Institute of Welding	
ISO/DIS 6847	Welding consumables — Deposition of a weld metal pad for chemical analysis	2020-01-15
	(Revision of ISO 6847:2013)	
TC 2	Fasteners	
ISO/DIS 3506-5	Fasteners — Mechanical properties of corrosion-resistant stainless steel fasteners — Part 5: Special fasteners (also including fasteners from nickel alloys) for high temperature applications	2020-01-02
TC 8	Ships and marine technology	

ISO/DIS 22013	Marine environment sensor performance — Specifications, testing and reporting — General requirements	2020-01-16	ISO/DIS 2137	Petroleum products and lubricants — Determination of cone penetration of lubricating greases and petrolatum (Revision of ISO 2137:2007)	2019-12-27
TC 22	Road vehicles		TC 30	Measurement of fluid flow in closed conduits	
ISO/DIS 15765-5	Road vehicles — Diagnostic communication over Controller Area Network (DoCAN) — Part 5: Specification for an in-vehicle network connected to the diagnostic link connector	2020-01-10	ISO/DIS 5167-3	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 3: Nozzles and Venturi nozzles (Revision of ISO 5167-3:2003)	2020-01-23
ISO/DIS 21806-1	Road vehicles — Media oriented systems transport (MOST) framework — Part 1: General information and document structure definitions	2020-01-02	TC 34	Food products	
ISO/DIS 21806-2	Road vehicles — Media oriented systems transport (MOST) framework — Part 2: Application layer	2020-01-02	ISO/DIS 6647-1	Rice — Determination of amylose content — Part 1: Reference method: Spectrophotometric method with a defatting procedure by methanol and with calibration solutions of potato amylose and waxy rice amylopectin (Revision of ISO 6647-1:2015)	2020-01-13
ISO/DIS 21806-3	Road vehicles — Media oriented systems transport (MOST) framework — Part 3: Application layer conformance test plan	2020-01-02	ISO/DIS 6647-2	Rice — Determination of amylose content — Part 2: Routine method: Spectrophotometric routine method without defatting procedure and with calibration from rice standards (Revision of ISO 6647-2:2015)	2020-01-13
ISO/DIS 21806-4	Road vehicles — Media oriented systems transport (MOST) framework — Part 4: Transport and network layer	2020-01-02	ISO/DIS 22184	Milk and milk products — Determination of the sugar contents — High performance anion exchange chromatographic method (HPAEC-PAD)	2019-12-30
ISO/DIS 21806-5	Road vehicles — Media oriented systems transport (MOST) framework — Part 5: Transport and network layer conformance test plan	2020-01-02	TC 35	Paints and varnishes	
ISO/DIS 21806-6	Road vehicles — Media oriented systems transport (MOST) framework — Part 6: Data link layer	2020-01-02	ISO/DIS 22553-7	Paints and varnishes — Electrodeposition coatings — Part 7: Electrical wet-film resistance	2019-12-31
ISO/DIS 21806-7	Road vehicles — Media oriented systems transport (MOST) framework — Part 7: Data link layer conformance test plan	2020-01-02	ISO/DIS 22553-8	Paints and varnishes — Electrodeposition coatings — Part 8: Electric charge density	2019-12-31
ISO/DIS 21806-8	Road vehicles — Media oriented systems transport (MOST) framework — Part 8: 150 Mbit/s optical physical layer	2020-01-02	ISO/DIS 22553-9	Paints and varnishes — Electrodeposition coatings — Part 9: Stoving loss	2019-12-31
ISO/DIS 21806-9	Road vehicles — Media oriented systems transport (MOST) framework — Part 9: 150 Mbit/s optical physical layer conformance test plan	2020-01-02	ISO/DIS 22553-11	Paints and varnishes — Electrodeposition coatings — Part 11: Bath stability	2019-12-31
ISO 18243:2017/DAmd 1	Electrically propelled mopeds and motorcycles — Test specifications and safety requirements for lithium-ion battery systems — Amendment 1	2020-01-01	ISO/DIS 22553-12	Paints and varnishes — Electrodeposition coatings — Part 12: Sedimentation on horizontal areas	2019-12-31
TC 23	Tractors and machinery for agriculture and forestry		TC 38	Textiles	
ISO/DIS 23130	Milking and cooling machine installations — Monitoring device for bulk milk cooling tanks — Requirements	2020-01-24	ISO/DIS 22744-2	Textiles and textile products — Determination of organotin compounds — Part 2: Direct method using liquid chromatography	2019-12-25
TC 27	Solid mineral fuels		TC 42	Photography	
ISO/DIS 1213-1	Solid mineral fuels — Vocabulary — Part 1: Terms relating to coal preparation (Revision of ISO 1213-1:1993)	2020-01-03	ISO/DIS 12231	Photography — Electronic still picture imaging — Supplemental vocabulary (Revision of ISO 12231:2012)	2019-12-31
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources		TC 43	Acoustics	

ISO/DIS 3381	Railway applications — Acoustics — Noise measurement inside railbound vehicles	2019-12-25	(Revision of ISO 19679:2016)	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
ISO 6926:2016/DAmD 1	Acoustics — Requirements for the performance and calibration of reference sound sources used for the determination of sound power levels — Amendment 1	2020-01-08		ISO/DIS 15663	Petroleum, petrochemical and natural gas industries — Life cycle costing	2020-01-15
ISO 8297:1994/DAmD 1	Acoustics — Determination of sound power levels of multi-source industrial plants for evaluation of sound pressure levels in the environment — Engineering method — Amendment 1	2020-01-16		ISO/DIS 19905-3	Petroleum and natural gas industries — Site-specific assessment of mobile offshore units — Part 3: Floating units (Revision of ISO 19905-3:2017)	2019-12-30
ISO/DIS 10848-5	Acoustics — Laboratory and field measurement of the flanking transmission for airborne, impact and building service equipment sound between adjoining rooms — Part 5: Radiation efficiencies of building elements	2020-01-07		TC 68	Financial services	
ISO/DIS 16283-2	Acoustics — Field measurement of sound insulation in buildings and of building elements — Part 2: Impact sound insulation (Revision of ISO 16283-2:2018)	2020-01-03		ISO/DIS 21586	Reference data for financial services — Specification for the description of banking products or services (BPoS)	2020-01-13
TC 44	Welding and allied processes			TC 71	Concrete, reinforced concrete and pre-stressed concrete	
ISO/DIS 2560	Welding consumables — Covered electrodes for manual metal arc welding of non-alloy and fine grain steels — Classification (Revision of ISO 2560:2009)	2020-01-09		ISO/DIS 22502	Simplified design of connections of concrete claddings to concrete structures	2020-01-01
ISO/DIS 14341	Welding consumables — Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels — Classification (Revision of ISO 14341:2010)	2020-01-20		TC 82	Mining	
ISO/DIS 15792-1	Welding consumables — Test methods — Part 1: Test methods for all-weld metal test specimens in steel, nickel and nickel alloys (Revision of ISO 15792-1:2000, ISO 15792-1:2000/Amd 1:2011)	2020-01-09		ISO/DIS 20305	Mine closure and reclamation — Terminology	2020-01-01
ISO/DIS 24034	Welding consumables — Solid wire electrodes, solid wires and rods for fusion welding of titanium and titanium alloys — Classification (Revision of ISO 24034:2010)	2020-01-09		TC 85	Nuclear energy, nuclear technologies, and radiological protection	
ISO/DIS 23493	Welding and allied processes — Recommendation for welding of metallic materials — Laser-arc hybrid welding	2020-01-16		ISO/DIS 7195	Nuclear energy — Packagings for the transport of uranium hexafluoride (UF ₆) (Revision of ISO 7195:2005)	2020-02-02
ISO/DIS 9453	Soft solder alloys — Chemical compositions and forms (Revision of ISO 9453:2014)	2020-01-03		TC 86	Refrigeration and air-conditioning	
TC 61	Plastics			ISO 817:2014/DAmD 2	Refrigerants — Designation and safety classification — Amendment 2	2020-01-01
ISO/DIS 23706	Plastics — Determination of apparent activation energies of property changes in standard weathering test methods	2020-01-20		TC 110	Industrial trucks	
ISO/DIS 19679	Plastics — Determination of aerobic biodegradation of non-floating plastic materials in a seawater/sediment interface — Method by analysis of evolved carbon dioxide	2019-12-24		ISO/DIS 18063-2	Rough-terrain trucks — Visibility test methods and their verification — Part 2: Slewing trucks	2019-12-30
				TC 113	Hydrometry	
				ISO/DIS 24578	Hydrometry — Acoustic Doppler profiler — Method and application for measurement of flow in open channels (Revision of ISO/TR 24578:2012)	2020-01-02
				TC 114	Horology	
				ISO/DIS 23346	Radio-controlled clocks — Signal receiving measurement methods	2020-01-17
				TC 121	Anaesthetic and respiratory equipment	

ISO/DIS 23371	Anaesthetic and respiratory equipment — Cuff pressure indication devices	2020-01-02	ISO/DIS 21239	Thermal insulation products for building — Reflective insulating products — Specification	2020-01-17
TC 127	Earth-moving machinery		TC 171	Document management applications	
ISO/DIS 24410	Earth-moving machinery — Coupling of attachments to skid steer loaders (Revision of ISO 24410:2005)	2019-12-24	ISO/DIS 21757-1	Document management — EC-MAScript for PDF — Part 1: Use of ISO 32000-2 (PDF 2.0)	2020-01-17
TC 130	Graphic technology		TC 172	Optics and photonics	
ISO/DIS 23498	Graphic technology — Visual opacity of printed white ink	2020-01-22	ISO/DIS 8600-6	Endoscopes — Medical endoscopes and endotherapy devices — Part 6: Vocabulary (Revision of ISO 8600-6:2005)	2019-12-30
TC 131	Fluid power systems		ISO/DIS 10934	Microscopes — Vocabulary for light microscopy	2020-01-01
ISO/DIS 7425-1	Hydraulic fluid power — Housings for elastomer-energized, plastic-faced seals — Dimensions and tolerances — Part 1: Piston seal housings (Revision of ISO 7425-1:1988)	2020-01-24	TC 184	Automation systems and integration	
ISO/DIS 7425-2	Hydraulic fluid power — Housings for elastomer-energized, plastic-faced seals — Dimensions and tolerances — Part 2: Rod seal housings (Revision of ISO 7425-2:1989)	2020-01-24	ISO/DIS 10303-238	Industrial automation systems and integration — Product data representation and exchange — Part 238: Application protocol: Model based integrated manufacturing (Revision of ISO 10303-238:2007)	2020-01-22
TC 138	Plastics pipes, fittings and valves for the transport of fluids		TC 190	Soil quality	
ISO/DIS 16486-1	Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 1: General (Revision of ISO 16486-1:2012, ISO 16486-1:2012/Amd 1:2014)	2020-01-17	ISO/DIS 54321	Soil, treated biowaste, sludge and waste — Digestion of aqua regia soluble fractions of elements	2020-01-20
ISO/DIS 16486-2	Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 2: Pipes (Revision of ISO 16486-2:2012, ISO 16486-2:2012/Amd 1:2014)	2020-01-17	TC 195	Building construction machinery and equipment	
ISO/DIS 16486-3	Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 3: Fittings (Revision of ISO 16486-3:2012, ISO 16486-3:2012/Amd 1:2014)	2020-01-17	ISO/DIS 15878	Road construction and maintenance equipment — Paver-finishers — Terminology and commercial specifications (Revision of ISO 15878:2008, ISO 15878:2008/Cor 1:2008)	2020-01-17
TC 161	Controls and protective devices for gas and/or oil		TC 201	Surface chemical analysis	
ISO/DIS 23555-1	Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa — Part 1: General requirements	2020-01-24	ISO/DIS 16531	Surface chemical analysis — Depth profiling — Methods for ion beam alignment and the associated measurement of current or current density for depth profiling in AES and XPS (Revision of ISO 16531:2013)	2020-01-21
TC 163	Thermal performance and energy use in the built environment		TC 204	Intelligent transport systems	
ISO/DIS 19467-2	Thermal Performance of windows and doors — Determination of solar heat gain coefficient using solar simulator — Part 2: Centre of glazing	2020-01-02	ISO/DIS 17515-2	Intelligent transport systems — Evolved universal terrestrial radio access network (E-UTRAN) — Part 2: Device to device communications (D2D)	2020-01-24
			TC 205	Building environment design	
			ISO/DIS 52127-1	Energy performance of buildings — Building management system — Part 1: Module M10-12	2020-01-24
			TC 209	Cleanrooms and associated controlled environments	
			ISO/DIS 14644-17	Cleanrooms and associated controlled environments — Part 17: Particle deposition rate applications	2020-01-21

TC 210	Quality management and corresponding general aspects for medical devices		TC 299	Robotics	
ISO/DIS 80369-7	Small-bore connectors for liquids and gases in healthcare applications — Part 7: Connectors with 6 % (Luer) taper for intravascular or hypodermic applications (Revision of ISO 80369-7:2016)	2020-01-03	ISO/DIS 22166-1	Robotics — Modularity for service robots — Part 1: General requirements	2020-01-20
TC 211	Geographic information/ Geomatics		TC 307	Blockchain and distributed ledger technologies	
ISO/DIS 19168-1	Geographic information — Geospatial API for features — Part 1: Core	2019-12-30	ISO/DIS 22739	Blockchain and distributed ledger technologies — Terminology	2019-12-27
TC 215	Health informatics		JTC 1	Information technology	
ISO/DIS 12967-1	Health informatics — Service architecture (HISA) — Part 1: Enterprise viewpoint	2020-01-24	ISO/IEC DIS 24643	Architecture for a distributed real-time access system	2020-01-03
	(Revision of ISO 12967-1:2009)		ISO/IEC/IEEE DIS 12207-2	Systems and software engineering — Software life cycle processes — Part 2: Relation and mapping between ISO/IEC/IEEE 12207-1:2017 and ISO/IEC/IEEE 12207:2008	2020-01-15
ISO/DIS 12967-2	Health informatics — Service Architecture (HISA) — Part 2: Information viewpoint	2020-01-24	ISO 9660:1988/DAMd 2	Information processing — Volume and file structure of CD-ROM for information interchange — Amendment 2	2019-12-24
	(Revision of ISO 12967-2:2009)		ISO/IEC DIS 10779	Information technology — Office equipment — Accessibility guidelines for older persons and persons with disabilities (Revision of ISO/IEC 10779:2008)	2020-01-16
ISO/DIS 12967-3	Health informatics — Service Architecture (HISA) — Part 3: Computational viewpoint	2020-01-24	ISO/IEC 14496-22:2019/DAMd 1	Information technology — Coding of audio-visual objects — Part 22: Open Font Format — Amendment 1: Color font technology and other updates	2020-01-07
	(Revision of ISO 12967-3:2009)		ISO/IEC DIS 21122-5	Information technology — JPEG XS low-latency lightweight image coding system — Part 5: Reference software	2020-01-20
ISO/DIS 21860	Health Informatics — Reference standards portfolio (RSP) — Clinical imaging	2020-01-24	ISO/IEC DIS 21794-1	Information technology — JPEG Pleno Plenoptic image coding system — Part 1: Framework	2020-01-20
IEC/DIS 62304.2	Health software — Software life cycle processes	2019-12-27	ISO/IEC DIS 21794-2	Information technology — Plenoptic image coding system (JPEG Pleno) — Part 2: Light field coding	2020-01-23
	(Revision of IEC 62304:2006, IEC 62304:2006/Amd 1:2015)		ISO/IEC DIS 23090-8	Information technology — Coded representation of immersive media — Part 8: Network based media processing	2019-12-31
TC 216	Footwear		ISO/IEC DIS 23093-4	Information technology — Genomic information representation — Part 4: Reference software and conformance	2020-01-07
ISO/DIS 24263	Footwear — Attachments strength of straps, trims and accessories	2020-01-13	ISO/IEC DIS 20830	Information technology — Automatic identification and data capture techniques — Han Xin Code bar code symbology specification	2019-12-30
ISO/DIS 24264	Footwear — Attachment strength of top pieces	2020-01-13	ISO/IEC DIS 9995-12	Information technology — Keyboard layouts for text and office systems — Part 12: Keyboard group selection	2020-01-01
ISO/DIS 24265	Footwear — Test methods for uppers — Fastness to rubbing using a rubber pad	2020-01-13	ISO/IEC DIS 23836	Information technology — User interfaces — Universal interface for human language selection	2020-01-01
ISO/DIS 24266	Footwear — Test methods for whole shoe — Flexing durability	2020-01-13			
TC 268	Sustainable cities and communities				
ISO/DIS 37165	Smart community infrastructures — Guidance on smart transportation by non-cash payment for fare/fees in transportation and its related or additional services	2019-12-25			
TC 282	Water reuse				
ISO/DIS 20468-5	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 5: Membrane filtration	2020-01-20			

ISO/IEC DIS 30113-60	Information technology — Gesture-based interfaces across devices and methods — Part 60: General guidance on gestures for screen readers	2020-01-17	ISO/FDIS 14229-1	Road vehicles — Unified diag- nostic services (UDS) — Part 1: Application layer	2019-12-18
ISO/IEC DIS 21472	Information technology — Sce- nario evaluation methodology for user interaction influence in biometric system performance	2020-01-08	ISO/FDIS 20794-2	Road vehicles — Clock exten- sion peripheral interface (CXPI) — Part 2: Application layer	2019-12-17

FDIS circulated

Period from 01 October to 01 November 2019

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

* Available in English only

TC 6	Paper, board and pulps				
ISO/FDIS 21993	Paper and pulp — Deinkability test for printed paper products	2019-12-10	ISO/PRF 19585	Heavy commercial vehicles and buses — Vehicle dynamics simu- lation and validation — Steady- state circular driving behavior	
TC 10	Technical product documentation				
ISO/FDIS 6414	Technical product documenta- tion (TPD) — Technical drawings for glassware	2019-12-05	ISO/PRF 19586	Heavy commercial vehicles and buses — Vehicle dynamics simulation and validation — Lat- eral dynamic stability of vehicle combinations	
	(Revision of ISO 6414:1982)				
TC 20	Aircraft and space vehicles				
ISO/FDIS 11076.2	Aircraft — Deicing/anti-icing methods on the ground	2019-12-24	ISO/FDIS 6621-5	Internal combustion engines — Piston rings — Part 5: Quality requirements	2019-12-17
	(Revision of ISO 11076:2012)				
ISO/FDIS 14620-2	Space systems — Safety requirements — Part 2: Launch site operations	2019-11-26	ISO/PRF 12353-1	Road vehicles — Traffic accident analysis — Part 1: Vocabulary	
	(Revision of ISO 14620-2:2011)				
ISO/FDIS 21980	Space systems — Evaluation of radiation effects on Commercial- Off-The-Shelf (COTS) parts for use on low-orbit satellite	2019-11-27	TC 23	Tractors and machinery for agriculture and forestry	
ISO/PRF TR 23989	Space environment (natural and artificial) — Operational estimation of the solar wind energy input into the Earth's magnetosphere by means of the ground-based magnetic polar cap (PC) index		ISO/FDIS 5681	Equipment for crop protection — Vocabulary	2019-12-12
				(Revision of ISO 5681:1992)	
TC 21	Equipment for fire protec- tion and fire fighting		ISO/FDIS 12809	Crop protection equipment — Reciprocating positive displace- ment pumps and centrifugal pumps — Test method	2019-12-10
ISO/FDIS 7240-17	Fire detection and fire alarm sys- tems — Part 17: Transmission path isolators	2019-12-18		(Revision of ISO 12809:2011)	
	(Revision of ISO 7240-17:2009)				
TC 22	Road vehicles		TC 24	Particle characterization including sieving	
			ISO/PRF 13320	Particle size analysis — Laser diffraction methods	
				(Revision of ISO 13320:2009)	
			TC 27	Solid mineral fuels	

ISO/FDIS 20904	Hard coal — Sampling of slurries	2019-12-26	ISO/FDIS 10791-7.2	Test conditions for machining centres — Part 7: Accuracy of finished test pieces	2019-12-12
	(Revision of ISO 20904:2006)			(Revision of ISO 10791-7:2014)	
ISO/FDIS 349	Hard coal — Audibert-Arnu dilatometer test	2019-12-11	ISO/FDIS 19744	Test conditions for numerically controlled broaching machines — Testing of accuracy — Vertical surface type broaching machines	2019-12-23
	(Revision of ISO 349:1975)				
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources		TC 41	Pulleys and belts (including veebelts)	
ISO/FDIS 4259-3	Petroleum and related products — Precision of measurement methods and results — Part 3: Monitoring and verification of published precision data in relation to methods of test	2019-12-10	ISO/FDIS 21178	Light conveyor belts — Determination of electrical resistances	2019-12-17
				(Revision of ISO 21178:2013)	
ISO 6614:1994/ PRF Amd 1	Petroleum products — Determination of water separability of petroleum oils and synthetic fluids — Amendment 1		TC 42	Photography	
ISO 9120:1997/ PRF Amd 1	Petroleum and related products — Determination of air-release properties of steam turbine and other oils — Impinger method — Amendment 1		ISO/FDIS 18937	Imaging materials — Photographic reflection prints — Methods for measuring indoor light stability (Revision of ISO 18937:2014)	2019-12-02
ISO/FDIS 13739	Petroleum products — Procedures for the transfer of bunkers to vessels	2019-12-26	TC 43	Acoustics	
	(Revision of ISO 13739:2010)		ISO 11203:1995/ FDAmD 1	Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions from the sound power level — Amendment 1	2019-11-29
ISO/FDIS 12922	Lubricants, industrial oils and related products (class L) — Family H (hydraulic systems) — Specifications for hydraulic fluids in categories HFAE, HFAS, HFB, HFC, HFDR and HFDU (Revision of ISO 12922:2012)	2019-12-25	ISO/PRF TS 12913-3	Acoustics — Soundscape — Part 3: Data analysis	
TC 36	Cinematography		TC 44	Welding and allied processes	
ISO/FDIS 9642	Cinematography — Time and control code for 24, 25 and 30 frames per second motion-picture film systems — Specifications (Revision of ISO 9642:1993)	2019-12-25	ISO/FDIS 21904-2	Health and safety in welding and allied processes — Equipment for capture and separation of welding fume — Part 2: Requirements for testing and marking of separation efficiency (Revision of ISO 15012-1:2013)	2019-12-19
TC 37	Language and terminology		ISO/FDIS 21904-4	Health and safety in welding and allied processes — Equipment for capture and separation of welding fume — Part 4: Determination of the minimum air volume flow rate of capture devices (Revision of ISO 15012-2:2008)	2019-12-19
ISO/FDIS 24617-9	Language resource management — Semantic annotation framework — Part 9: Reference annotation framework (RAF)	2019-11-29	ISO/PRF TR 24471	Brazing — Grouping systems for materials — American materials	
TC 38	Textiles		TC 45	Rubber and rubber products	
ISO/FDIS 3071	Textiles — Determination of pH of aqueous extract	2019-12-06	ISO/FDIS 17257	Rubber — Identification of polymers — Pyrolytic gas-chromatographic method using mass-spectrometric detection (Revision of ISO 17257:2013)	2019-12-06
	(Revision of ISO 3071:2005)				
ISO/FDIS 20852	Textiles — Determination of the total heat transfer through textiles in simulated environments	2019-11-29	TC 46	Information and documentation	
TC 39	Machine tools		ISO/FDIS 3297	Information and documentation — International standard serial number (ISSN)	2019-11-29
ISO/FDIS 3875.2	Machine tools — Test conditions for external cylindrical centreless grinding machines — Testing of the accuracy (Revision of ISO 3875:2004)	2019-12-17		(Revision of ISO 3297:2017)	
			TC 59	Buildings and civil engineering works	

ISO/FDIS 20887	Sustainability in buildings and civil engineering works — Design for disassembly and adaptability — Principles, requirements and guidance	2019-12-12	TC 79	Light metals and their alloys	
TC 61	Plastics		ISO/PRF 2106	Anodizing of aluminium and its alloys — Determination of mass per unit area (surface density) of anodic oxidation coatings — Gravimetric method (Revision of ISO 2106:2011)	
ISO/PRF TR 21960	Plastics — Environmental aspects — State of knowledge and methodologies		TC 83	Sports and other recreational facilities and equipment	
ISO/FDIS 22526-1	Plastics — Carbon and environmental footprint of biobased plastics — Part 1: General principles	2019-12-07	ISO/FDIS 21853.2	Kite boarding — Release system — Safety requirements and test methods	2019-12-09
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		ISO/FDIS 21924-9	Martial arts — Protective equipment for martial arts — Part 9: Additional requirements and test methods for Wushu Sanda head protectors	2019-12-12
ISO/FDIS 10426-4	Petroleum and natural gas industries — Cements and materials for well cementing — Part 4: Preparation and testing of foamed cement slurries at atmospheric pressure (Revision of ISO 10426-4:2004)	2019-12-02	TC 85	Nuclear energy, nuclear technologies, and radiological protection	
ISO/PRF 11960	Petroleum and natural gas industries — Steel pipes for use as casing or tubing for wells (Revision of ISO 11960:2014)		ISO/FDIS 11665-4	Measurement of radioactivity in the environment — Air: radon-222 — Part 4: Integrated measurement method for determining average activity concentration using passive sampling and delayed analysis (Revision of ISO 11665-4:2012)	2019-11-27
ISO/FDIS 35102	Petroleum and natural gas industries — Arctic operations — Escape, evacuation and rescue from offshore installations	2019-12-16	ISO/FDIS 22946	Nuclear criticality safety — Solid waste excluding irradiated and non-irradiated nuclear fuel	2019-12-07
ISO/PRF 20088-2	Determination of the resistance to cryogenic spill of insulation materials — Part 2: Vapour exposure		TC 94	Personal safety -- Personal protective equipment	
TC 69	Applications of statistical methods		ISO/FDIS 18526-1	Eye and face protection — Test methods — Part 1: Geometrical optical properties	2019-12-23
ISO/FDIS 7870-7	Control charts — Part 7: Multivariate control charts	2019-12-27		(Revision of ISO 4854:1981)	
ISO/PRF 5725-2	Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method (Revision of ISO 5725-2:1994, ISO 5725-2:1994/Cor 1:2002)		ISO/FDIS 18526-2	Eye and face protection — Test methods — Part 2: Physical optical properties	2019-12-24
ISO/PRF TS 16355-6	Applications of statistical and related methods to new technology and product development process — Part 6: Guidance for QFD-related approaches to optimization		ISO/FDIS 18526-3	Eye and face protection — Test methods — Part 3: Physical and mechanical properties	2019-12-06
TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use			(Revision of ISO 4855:1981)	
ISO/PRF TS 23128	Medical devices — Transfusion set and blood bag compatibility test method		ISO/FDIS 18526-4	Eye and face protection — Test methods — Part 4: Headforms	2019-12-24
ISO/FDIS 28620	Medical devices — Non-electrically driven portable infusion devices	2019-12-09	ISO/FDIS 20320	Protective clothing for use in snowboarding — Wrist protectors — Requirements and test methods	2019-12-24
	(Revision of ISO 28620:2010)		ISO/PRF TS 16976-7	Respiratory protective devices — Human factors — Part 7: Hearing and speech (Revision of ISO/TS 16976-7:2013)	
			TC 106	Dentistry	
			ISO/FDIS 9997	Dentistry — Cartridge syringes	2019-12-20
				(Revision of ISO 9997:1999)	

TC 110	Industrial trucks			(Revision of ISO/TS 21432:2005, ISO/TS 21432:2005/Cor 1:2008)
ISO/FDIS 3691-4	Industrial trucks — Safety requirements and verification — Part 4: Driverless industrial trucks and their systems	2019-12-10	TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO/FDIS 6292	Powered industrial trucks and tractors — Brake performance and component strength	2019-12-19	ISO/PRF 21138-1	Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) — Part 1: Material specification and performance criteria for pipes, fittings and systems (Revision of ISO 21138-1:2007)
ISO/FDIS 11525-1	Rough-terrain trucks — Safe use requirements — Part 1: Variable-reach trucks	2019-12-12	ISO/PRF 21138-2	Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) — Part 2: Pipes and fittings with smooth external surface, Type A (Revision of ISO 21138-2:2007)
ISO/FDIS 11525-2	Rough-terrain trucks — Safe use requirements — Part 2: Slewing variable-reach trucks	2019-12-12	ISO/PRF 21138-3	Plastics piping systems for non-pressure underground drainage and sewerage — Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) — Part 3: Pipes and fittings with non-smooth external surface, Type B (Revision of ISO 21138-3:2007)
TC 112	Vacuum technology		TC 150	Implants for surgery
ISO/FDIS 1609	Vacuum technology — Dimensions of non-knife edge flanges	2019-12-16	ISO 14243-1:2009/PRF Amd 1	Implants for surgery — Wear of total knee-joint prostheses — Part 1: Loading and displacement parameters for wear-testing machines with load control and corresponding environmental conditions for test — Amendment 1
ISO/FDIS 9803-1	Vacuum technology — Mounting dimensions of pipeline fittings — Part 1: Non knife-edge flange type	2019-12-10	IEC/FDIS 60601-2-31	Medical electrical equipment — Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source
ISO/FDIS 9803-2	Vacuum technology — Mounting dimensions of pipeline fittings — Part 2: Knife-edge flange type	2019-12-10	TC 153	Valves
ISO/FDIS 21358	Vacuum technology — Right-angle valve — Dimensions and interfaces for pneumatic actuator	2019-12-10	ISO/FDIS 22109	Industrial valves — Gearbox for valves
TC 121	Anaesthetic and respiratory equipment		ISO/FDIS 22153	Electric actuators for industrial valves — General requirements
ISO 81060-2:2018/FDAmD 1	Non-invasive sphygmomanometers — Part 2: Clinical investigation of intermittent automated measurement type — Amendment 1	2019-12-10	TC 156	Corrosion of metals and alloys
TC 123	Plain bearings		ISO/FDIS 8044	Corrosion of metals and alloys — Vocabulary
ISO/FDIS 6281	Plain bearings — Testing under conditions of hydrodynamic and mixed lubrication in test rigs	2019-12-24	ISO/FDIS 8044	Corrosion of metals and alloys — Vocabulary
TC 126	Tobacco and tobacco products		ISO/FDIS 21062	Corrosion of metals and alloys — Determination of the corrosion rates of embedded steel reinforcement in concrete exposed to simulated marine environments
ISO/FDIS 4874	Tobacco — Sampling of batches of raw material — General principles	2019-12-10		
TC 130	Graphic technology			
ISO/PRF TS 18621-11	Image quality evaluation methods for printed matter — Part 11: Colour gamut analysis			
TC 135	Non-destructive testing			
ISO/PRF 21432	Non-destructive testing — Standard test method for determining residual stresses by neutron diffraction			

TC 158	Analysis of gases		ISO/PRF 19161-1	Geographic information — Geodetic references — Part 1: International terrestrial reference system (ITRS)	
ISO 6141:2015/ FDAmD 1	Gas analysis — Contents of certificates for calibration gas mixtures — Amendment 1: Cross reference list to ISO Guide 31:2015	2019-12-26	ISO/PRF TR 19167	Application of ubiquitous public access to-geographic information to an air quality information service	
TC 159	Ergonomics		TC 218	Timber	
ISO/PRF TS 9241-126	Ergonomics of human-system interaction — Part 126: Guidance on the presentation of auditory information		ISO/FDIS 13061-5	Physical and mechanical properties of wood — Test methods for small clear wood specimens — Part 5: Determination of strength in compression perpendicular to grain (Revision of ISO 3132:1975)	2019-12-03
TC 164	Mechanical testing of metals		TC 221	Geosynthetics	
ISO/FDIS 10113	Metallic materials — Sheet and strip — Determination of plastic strain ratio (Revision of ISO 10113:2006)	2019-12-04	ISO 9863-1:2016/PRF Amd 1	Geosynthetics — Determination of thickness at specified pressures — Part 1: Single layers — Amendment 1	
TC 172	Optics and photonics		TC 226	Materials for the production of primary aluminium	
ISO/PRF 19056-2	Microscopes — Definition and measurement of illumination properties — Part 2: Illumination properties related to the colour in bright field microscopy		ISO/PRF 15379-1	Carbonaceous materials for the production of aluminium — Cathode block materials — Part 1: Determination of the expansion due to sodium penetration with application of pressure (Revision of ISO 15379-1:2015)	
ISO 8596:2017/ PRF Amd 1	Ophthalmic optics — Visual acuity testing — Standard and clinical optotypes and their presentation — Amendment 1		TC 229	Nanotechnologies	
ISO/FDIS 11553-1	Safety of machinery — Laser processing machines — Part 1: Laser safety requirements (Revision of ISO 11553-1:2005)	2019-12-12	ISO/PRF TS 10867	Nanotechnologies — Characterization of single-wall carbon nanotubes using near infrared photoluminescence spectroscopy (Revision of ISO/TS 10867:2010)	
TC 173	Assistive products		ISO/PRF 20814	Nanotechnologies — Testing the photocatalytic activity of nanoparticles for NADH oxidation	
ISO/PRF 21801-1	Cognitive accessibility — Part 1: General guidelines		TC 238	Solid biofuels	
TC 174	Jewellery and precious metals		ISO/FDIS 21404	Solid biofuels — Determination of ash melting behaviour	2019-12-06
ISO 8654:2018/ PRF Amd 1	Jewellery — Colours of gold alloys — Definition, range of colours and designation — Amendment 1		ISO/FDIS 21945	Solid biofuels — Simplified sampling method for small scale applications	2019-12-27
TC 190	Soil quality		TC 281	Fine bubble technology	
ISO 11074:2015/ FDAmD 1	Soil quality — Vocabulary — Amendment 1	2019-12-04	ISO/FDIS 21256-2	Fine bubble technology — Cleaning applications — Part 2: Test method for cleaning machine-oil stained surfaces of machined metal parts	2019-12-19
TC 197	Hydrogen technologies		TC 282	Water reuse	
ISO/FDIS 17268	Gaseous hydrogen land vehicle refuelling connection devices (Revision of ISO 17268:2012)	2019-12-23	ISO/PRF 22447	Industrial wastewater classification	
TC 207	Environmental management		ISO/FDIS 22449-1	Use of reclaimed water in industrial cooling systems — Part 1: Technical guidelines	2019-12-10
ISO/PRF 14002-1	Environmental management systems — Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area — Part 1: General		TMBG	Technical Management Board - groups	
ISO/FDIS 14006	Environmental management systems — Guidelines for incorporating ecodesign (Revision of ISO 14006:2011)	2019-12-20	ISO Guide 82	Guidelines for addressing sustainability in standards (Revision of ISO Guide 82:2014)	
TC 211	Geographic information/ Geomatics				

IULTCS	International Union of Leather Technologists and Chemists Societies		ISO/IEC PRF 11179-7	Information technology — Meta-data registries (MDR) — Part 7: Metamodel for data set registration	
ISO/FDIS 17076-1	Leather — Determination of abrasion resistance — Part 1: Taber® method (Revision of ISO 17076-1:2012)	2019-12-12	ISO/IEC PRF 20071-11	Information technology — User interface component accessibility — Part 11: Guidance on text alternatives for images (Revision of ISO/IEC TS 20071-11:2012)	
JTC 1	Information technology		ISO/IEC PRF TS 19795-9	Information technology — Biometric performance testing and reporting — Part 9: Testing on mobile devices	
ISO/IEC PRF 14165-226	Information technology — Fibre channel — Part 226: Single-byte command code sets mapping protocol - 6 (FC-SB-6)		ISO/IEC FDIS 39794-1	Information technology — Extensible biometric data interchange formats — Part 1: Framework	2019-12-10
ISO/IEC PRF 14165-246	Information technology — Fibre channel — Part 246: Backbone — 6 (FC-BB-6)		ISO/IEC FDIS 39794-4	Information technology — Extensible biometric data interchange formats — Part 4: Finger image data	2019-12-10
ISO/IEC PRF 33020	Information technology — Process assessment — Process measurement framework for assessment of process capability (Revision of ISO/IEC 33020:2015)		ISO/IEC FDIS 39794-5	Information technology — Extensible biometric data interchange formats — Part 5: Face image data	2019-12-10
ISO/IEC PRF TS 33053	Information technology — Process assessment — Process Reference Model (PRM) for quality management				
ISO/IEC FDIS 7810	Identification cards — Physical characteristics (Revision of ISO/IEC 7810:2003, ISO/IEC 7810:2003/Amd 1:2009, ISO/IEC 7810:2003/Amd 2:2012)	2019-11-27			
ISO/IEC FDIS 27007	Information technology — Security techniques — Guidelines for information security management systems auditing (Revision of ISO/IEC 27007:2017)	2019-12-06			
ISO/IEC FDIS 27050-3	Information technology — Electronic discovery — Part 3: Code of practice for electronic discovery (Revision of ISO/IEC 27050-3:2017)	2019-12-19			
ISO/IEC PRF 22505	Information technology — Method for the determination of ink cartridge yield for monochrome inkjet printers and multi-function devices that contain inkjet printer components				Price group
ISO/IEC FDIS 14496-14	Information technology — Coding of audio-visual objects — Part 14: MP4 file format (Revision of ISO/IEC 14496-14:2018)	2019-11-29			
ISO/IEC FDIS 23001-15	Information technology — MPEG systems technologies — Part 15: Carriage of web resources in ISO/BMFF	2019-11-26			
ISO/IEC FDIS 23008-4	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 4: MMT reference software	2019-12-26			
ISO/IEC 11179-3:2013/FDAm1	Information technology — Meta-data registries (MDR) — Part 3: Registry metamodel and basic attributes — Amendment 1	2019-12-03			

Standards published

New International Standards published between 01 October and 01 November 2019

¹ delayed publication of language version

² corrected version

³ multilingual document

TC	Standard	Language	Title	Price group
TC 12			Quantities and units	
ISO 80000-3:2019	en	Quantities and units — Part 3: Space and time	B	
ISO 80000-11:2019	en	Quantities and units — Part 11: Characteristic numbers	F	
TC 17			Steel	
ISO 6935-2:2019	en	Steel for the reinforcement of concrete — Part 2: Ribbed bars	D	
ISO 15630-3:2019	en fr	Steel for the reinforcement and prestressing of concrete — Test methods — Part 3: Prestressing steel	E	

ISO 10893-3:2011/Amd 1:2019	fr	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 1: Change of dimensions of the reference notch	XZ	ISO/TS 22002-5:2019	fr	Prerequisite programmes on food safety — Part 5: Transport and storage	C
<hr/>				<hr/>			
TC 22		Road vehicles		TC 35		Paints and varnishes	
ISO 17987-8:2019	en	Road vehicles — Local Interconnect Network (LIN) — Part 8: Electrical physical layer (EPL) specification: LIN over DC powerline (DC-LIN)	G	ISO 276:2019	fr	Binders for paints and varnishes — Linseed stand oil — Requirements and methods of test	A
ISO 8820-8:2019	en	Road vehicles — Fuse-links — Part 8: Fuse-links with bolt-in contacts (Type H and J) with rated voltage of 450 V	B	ISO 22553-1:2019	en	Paints and varnishes — Electro-deposition coatings — Part 1: Vocabulary	A
ISO 21441:2019	en	Road vehicles — Engine EGR cooler — Heat dissipation test methods	D	ISO 22553-2:2019	en	Paints and varnishes — Electro-deposition coatings — Part 2: Throwing power	C
ISO 20766-18:2019	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 18: Hose	B	ISO 22553-3:2019	en	Paints and varnishes — Electro-deposition coatings — Part 3: Compatibility of electro-deposition coating materials with a reference oil	A
ISO 20766-20:2019	en	Road vehicles — Liquefied petroleum gas (LPG) fuel systems components — Part 20: Filter unit	A	ISO 22553-4:2019	en	Paints and varnishes — Electro-deposition coatings — Part 4: Compatibility of electro-deposition coating materials with liquid, paste-like and solid foreign materials	B
ISO/TS 21104:2019	en	Road vehicles — Liquefied natural gas (LNG) integrated low pressure refuelling and venting connector — 1,8 MPa connector	B	ISO 22553-5:2019	en	Paints and varnishes — Electro-deposition coatings — Part 5: Determination of sieve residue	A
<hr/>				<hr/>			
TC 27		Solid mineral fuels		ISO 22553-6:2019	en	Paints and varnishes — Electro-deposition coatings — Part 6: Entry marks	A
ISO 21398:2019	en	Hard coal and coke — Guidance to the inspection of mechanical sampling systems	D	ISO 8504-1:2019	en fr	Preparation of steel substrates before application of paints and related products — Surface preparation methods — Part 1: General principles	A
TC 28		Petroleum and related products, fuels and lubricants from natural or synthetic sources		ISO 8504-2:2019	en fr	Preparation of steel substrates before application of paints and related products — Surface preparation methods — Part 2: Abrasive blast-cleaning	B
ISO 6521-3:2019	en fr	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)	C	ISO 12944-5:2019	fr	Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 5: Protective paint systems	D
TC 29		Small tools		<hr/>			
ISO 1711-1:2019	en fr	Assembly tools for screws and nuts — Technical specifications — Part 1: Hand-operated wrenches and sockets	A	TC 38		Textiles	
ISO 1711-2:2019	en fr	Assembly tools for screws and nuts — Technical specifications — Part 2: Machine-operated sockets (impact)	A	ISO 1833-9:2019	fr	Textiles — Quantitative chemical analysis — Part 9: Mixtures of acetate with certain other fibres (method using benzyl alcohol)	A
TC 34		Food products		ISO 1833-13:2019	en fr	Textiles — Quantitative chemical analysis — Part 13: Mixtures of certain chlorofibres with certain other fibres (method using carbon disulfide/acetone)	A
ISO 20588:2019	en	Animal feeding stuffs — Vocabulary	A	ISO 1833-14:2019	fr	Textiles — Quantitative chemical analysis — Part 14: Mixtures of acetate with certain other fibres (method using glacial acetic acid)	A
ISO 16820:2019	en fr	Sensory analysis — Methodology — Sequential analysis	B	ISO 1833-17:2019	fr	Textiles — Quantitative chemical analysis — Part 17: Mixtures of cellulose fibres and certain fibres with chlorofibres and certain other fibres (method using concentrated sulfuric acid)	A
ISO 21572:2019	en fr	Foodstuffs — Molecular biomarker analysis — Immunochemical methods for the detection and quantification of proteins	D				

ISO 105-A03:2019	en fr	Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining	A	ISO/TR 10064-1:2019	fr	Code of inspection practice — Part 1: Measurement of cylindrical gear tooth flanks	H
TC 39				TC 61			
Machine tools				Plastics			
ISO 16092-2:2019	en fr	Machine tools safety — Presses — Part 2: Safety requirement for mechanical presses	G	ISO 20337:2018	fr	Fibre-reinforced plastic composites — Shear test method using a shear frame for the determination of the in-plane shear stress/shear strain response and shear modulus	B
TC 43				TC 63			
Acoustics				Glass containers			
ISO 5130:2019	fr	Acoustics — Measurements of sound pressure level emitted by stationary road vehicles	C	ISO 16620-2:2019	en	Plastics — Biobased content — Part 2: Determination of biobased carbon content	D
TC 44				TC 67			
Welding and allied processes				Materials, equipment and off-shore structures for petroleum, petrochemical and natural gas industries			
ISO 6947:2019	en fr	Welding and allied processes — Welding positions	D	ISO 16929:2019	en fr	Plastics — Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test	B
ISO 9090:2019	en fr	Gas tightness of equipment for gas welding and allied processes	B	ISO 12821:2019	en fr	Glass packaging — 26 H 180 crown finish — Dimensions	A
ISO 13919-1:2019	en fr	Electron and laser-beam welded joints — Requirements and recommendations on quality levels for imperfections — Part 1: Steel, nickel, titanium and their alloys	C	ISO 3183:2019	en	Petroleum and natural gas industries — Steel pipe for pipeline transportation systems	D
ISO 15607:2019	en fr	Specification and qualification of welding procedures for metallic materials — General rules	B	TC 68			
TC 45				Financial services			
ISO 2921:2019	en fr	Rubber, vulcanized — Determination of low-temperature characteristics — Temperature-retraction procedure (TR test)	C	ISO 13492:2019	en	Financial services — Key-management-related data element — Application and usage of ISO 8583-1 data elements for encryption	C
ISO 20927:2019	en	Rubber compounding ingredients — Precipitated silica — Determination of aggregate size distribution by disc centrifuge	C	ISO 10962:2019	en	Securities and related financial instruments — Classification of financial instruments (CFI) code	G
TC 46				TC 71			
Information and documentation				Concrete, reinforced concrete and pre-stressed concrete			
ISO 20674-1:2019	en	Information and documentation — Transliteration of scripts in use in Thailand — Part 1: Transliteration of Akson-Thai-Noi	C	ISO 1920-6:2019	en	Testing of concrete — Part 6: Sampling, preparing and testing of concrete cores	B
TC 58				TC 76			
Gas cylinders				Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use			
ISO 11118:2015/ Amd 1:2019	en fr	Gas cylinders — Non-refillable metallic gas cylinders — Specification and test methods — Amendment 1	XZ	ISO 20987:2019	en	Simplified design for mechanical connections between precast concrete structural elements in buildings	G
ISO/TS 19016:2019	en	Gas cylinders — Cylinders and tubes of composite construction — Modal acoustic emission (MAE) testing for periodic inspection and testing	D	ISO 21881:2019	en	Sterile packaged ready for filling glass cartridges	E
TC 59				TC 79			
Buildings and civil engineering works				Light metals and their alloys			
ISO 16938-1:2019	fr	Buildings and civil engineering works — Determination of the staining of porous substrates by sealants used in joints — Part 1: Test with compression	B	ISO 21882:2019	en	Sterile packaged ready for filling glass vials	D
ISO 16938-2:2019	fr	Buildings and civil engineering works — Determination of the staining of porous substrates by sealants used in joints — Part 2: Test without compression	B	ISO 26202:2019	en	Magnesium and magnesium alloys — Magnesium alloys for cast anodes	B
TC 60				TC 83			
Gears				Sports and other recreational facilities and equipment			

ISO 8061:2019	en fr	Alpine ski-bindings — Selection of release torques values	A	ISO 14713-2:2019	en fr	Zinc coatings — Guidelines and recommendations for the protection against corrosion of iron and steel in structures — Part 2: Hot dip galvanizing	D
<hr/>				<hr/>			
TC 87		Cork		ISO 21874:2019	en	PVD multi-layer hard coatings — Composition, structure and properties	B
ISO 2067:2019	en	Granulated cork, broken cork and crushed cork — Sampling for the determination of moisture content	A	<hr/>			
TC 94		Personal safety -- Personal protective equipment		TC 119		Powder metallurgy	
ISO 13287:2019	en fr	Personal protective equipment — Footwear — Test method for slip resistance	D	ISO 4489:2019	fr	Hardmetals — Sampling and testing	A
ISO 374-2:2019	en	Protective gloves against dangerous chemicals and micro-organisms — Part 2: Determination of resistance to penetration	B	ISO 4884:2019	fr	Hardmetals — Sampling and testing of powders using sintered test pieces	A
ISO 374-4:2019	en	Protective gloves against dangerous chemicals and micro-organisms — Part 4: Determination of resistance to degradation by chemicals	B	<hr/>			
ISO 17492:2019	en	Clothing for protection against heat and flame — Determination of heat transmission on exposure to both flame and radiant heat	D	TC 120		Leather	
ISO 27065:2017/ Amd 1:2019	en fr	Protective clothing — Performance requirements for protective clothing worn by operators applying pesticides and for re-entry workers — Amendment 1: Surrogate test chemical	XZ	ISO 11410:2019	en	Leather — Guidelines for packaging of wet blue leather	A
ISO 16073-1:2019	en	Wildland firefighting personal protective equipment — Requirements and test methods — Part 1: General	C	TC 121		Anaesthetic and respiratory equipment	
ISO 16073-3:2019	en	Wildland firefighting personal protective equipment — Requirements and test methods — Part 3: Clothing	A	ISO 20789:2018	fr	Anaesthetic and respiratory equipment — Passive humidifiers	F
ISO 16073-8:2019	en	Wildland firefighting personal protective equipment — Requirements and test methods — Part 8: Hearing	A	ISO 19223:2019	fr	Lung ventilators and related equipment — Vocabulary and semantics	A
ISO 18640-1:2018/Amd 1:2019	en fr	Protective clothing for firefighters — Physiological impact — Part 1: Measurement of coupled heat and moisture transfer with the sweating torso — Amendment 1	XZ	<hr/>			
ISO 18640-2:2018/Amd 1:2019	en fr	Protective clothing for firefighters — Physiological impact — Part 2: Determination of physiological heat load caused by protective clothing worn by firefighters — Amendment 1	XZ	TC 126		Tobacco and tobacco products	
TC 104		Freight containers		ISO 20779:2018/ Amd 1:2019	fr	Cigarettes — Generation and collection of total particulate matter using a routine analytical smoking machine with an intense smoking regime — Amendment 1	XZ
ISO 20854:2019	en	Thermal containers — Safety standard for refrigerating systems using flammable refrigerants — Requirements for design and operation	G	TC 127		Earth-moving machinery	
TC 106		Dentistry		ISO 6750-1:2019	en fr	Earth-moving machinery — Operator's manual — Part 1: Contents and format	D
ISO 9693:2019	en fr	Dentistry — Compatibility testing for metal-ceramic and ceramic-ceramic systems	B	<hr/>			
TC 107		Metallic and other inorganic coatings		TC 131		Fluid power systems	
				ISO/TR 10946:2019	fr	Hydraulic fluid power — Gas-loaded accumulators with separator — Selection of preferred hydraulic ports	B
				ISO 20145:2019	en fr	Pneumatic fluid power — Test methods for measuring acoustic emission pressure levels of exhaust silencers	D
				ISO 3601-1:2012/Amd 1:2019	fr	Fluid power systems — O-rings — Part 1: Inside diameters, cross-sections, tolerances and designation codes — Amendment 1	XZ
				TC 134		Fertilizers, soil conditioners and beneficial substances	
				ISO 15958:2019	en	Fertilizers — Extraction of water soluble phosphorus	A
				<hr/>			
				TC 138		Plastics pipes, fittings and valves for the transport of fluids	

ISO/TS 22499:2019	en	Thermoplastic pipes for the conveyance of fluids — Inspection of polyethylene butt fusion joints using phased array ultrasonic testing	D	TC 184		Automation systems and integration	
TC 146		Air quality		ISO/TS 10303-1288:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1288: Application module: Management resource information	B
ISO 12039:2019	en	Stationary source emissions — Determination of the mass concentration of carbon monoxide, carbon dioxide and oxygen in flue gas — Performance characteristics of automated measuring systems	G	ISO/TS 10303-1362:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1362: Application module: Dimension and tolerance callouts	B
ISO 10312:2019	en fr	Ambient air — Determination of asbestos fibres — Direct transfer transmission electron microscopy method	G	ISO/TS 15926-4:2019	en	Industrial automation systems and integration — Integration of life-cycle data for process plants including oil and gas production facilities — Part 4: Initial reference data	B
ISO 13794:2019	en fr	Ambient air — Determination of asbestos fibres — Indirect-transfer transmission electron microscopy method	G	TC 190		Soil quality	
TC 147		Water quality		ISO 17616:2019	en fr	Soil quality — Guidance on the choice and evaluation of bioassays for ecotoxicological characterization of soils and soil materials	B
ISO 21675:2019	en	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)	F	ISO 21365:2019	en fr	Soil quality — Conceptual site models for potentially contaminated sites	F
TC 154		Processes, data elements and documents in commerce, industry and administration		TC 197		Hydrogen technologies	
ISO 20415:2019	en	Trusted mobile e-document framework — Requirements, functionality and criteria for ensuring reliable and safe mobile e-business	E	ISO 19880-8:2019	en	Gaseous hydrogen — Fuelling stations — Part 8: Fuel quality control	F
TC 159		Ergonomics		TC 199		Safety of machinery	
ISO 24509:2019	en	Ergonomics — Accessible design — A method for estimating minimum legible font size for people at any age	F	ISO 13857:2019	en fr	Safety of machinery — Safety distances to prevent hazard zones being reached by upper and lower limbs	D
ISO 24550:2019	en fr	Ergonomics — Accessible design — Indicator lights on consumer products	B	TC 204		Intelligent transport systems	
ISO 24551:2019	en fr	Ergonomics — Accessible design — Spoken instructions of consumer products	B	ISO/TS 19468:2019	en	Intelligent transport systems — Data interfaces between centres for transport information and control systems — Platform independent model specifications for data exchange protocols for transport information and control systems	H
TC 172		Optics and photonics		ISO/TS 21185:2019	en	Intelligent transport systems — Communication profiles for secure connections between trusted devices	D
ISO 10110-1:2019	en fr	Optics and photonics — Preparation of drawings for optical elements and systems — Part 1: General	F	ISO/TS 21192:2019	en	Electronic fee collection — Support for traffic management	E
TC 182		Geotechnics		ISO/TS 21193:2019	en	Electronic fee collection — Requirements for EFC application interfaces on common media	F
ISO 17892-10:2018	fr	Geotechnical investigation and testing — Laboratory testing of soil — Part 10: Direct shear tests	D	TC 206		Fine ceramics	
ISO 17892-11:2019	fr	Geotechnical investigation and testing — Laboratory testing of soil — Part 11: Permeability tests	D	ISO 20504:2019	fr	Fine ceramics (advanced ceramics, advanced technical ceramics) — Mechanical properties of ceramic composites at room temperature — Determination of compressive properties	C
ISO 18674-5:2019	en fr	Geotechnical investigation and testing — Geotechnical monitoring by field instrumentation — Part 5: Stress change measurements by total pressure cells (TPC)	E	ISO 21821:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Determination of densification properties of ceramic powders on natural sintering	B
ISO 22477-4:2018	fr	Geotechnical investigation and testing — Testing of geotechnical structures — Part 4: Testing of piles: dynamic load testing	G				

ISO 22197-2:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials — Part 2: Removal of acetaldehyde	C	IWA 30-1:2019	en	Competence of standards professionals — Part 1: In companies	E
ISO 22197-3:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials — Part 3: Removal of toluene	B	IWA 30-2:2019	en	Competence of standards professionals — Part 2: In standards-related organizations	F
TC 207		Environmental management		CASCO		Committee on conformity assessment	
IEC 62430:2019		Environmentally conscious design (ECD) — Principles, requirements and guidance	BD	ISO/IEC 17029:2019	en fr	Conformity assessment — General principles and requirements for validation and verification bodies	E
ISO 14007:2019	en fr	Environmental management — Guidelines for determining environmental costs and benefits	D	JTC 1		Information technology	
TC 212		Clinical laboratory testing and in vitro diagnostic test systems		ISO/IEC 30146:2019	en	Information technology — Smart city ICT indicators	C
ISO/TS 20914:2019	fr	Medical laboratories — Practical guidance for the estimation of measurement uncertainty	G	ISO/IEC 25066:2016	fr	Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE) — Common Industry Format (CIF) for Usability — Evaluation Report	F
TC 215		Health informatics		ISO/IEC 14776- 224:2019	en	Information technology - Small computer system interface (SCSI) — Part 224: Fibre Channel Protocol for SCSI, fourth version (FCP-4)	H
ISO/TS 21526:2019	en	Health informatics — Metadata repository requirements (MetaRep)	F	ISO/IEC 15067-3- 3:2019	en	Information technology — Home Electronic System (HES) application model — Part 3-3: Model of a system of interacting Energy Management Agents (EMAs) for demand response energy management	E
ISO/TS 22077-4:2019	en	Health informatics — Medical waveform format — Part 4: Stress test electrocardiography	E	ISO/IEC 20085-1:2019	en	IT Security techniques — Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules — Part 1: Test tools and techniques	C
TC 224		Service activities relating to drinking water supply, wastewater and stormwater systems		ISO/IEC 20543:2019	en	Information technology — Security techniques — Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408	F
ISO 24536:2019	en	Service activities relating to drinking water supply, wastewater and stormwater systems — Stormwater management — Guidelines for stormwater management in urban areas	G	ISO/IEC 24761:2019	en	Information technology — Security techniques — Authentication context for biometrics	G
ISO 46001:2019	fr	Water efficiency management systems — Requirements with guidance for use	F	ISO/IEC 30111:2019	en	Information technology — Security techniques — Vulnerability handling processes	C
TC 229		Nanotechnologies		ISO/IEC 15444-1:2019	en	Information technology — JPEG 2000 image coding system — Part 1: Core coding system	H
ISO/TS 21236-1:2019	en	Nanotechnologies — Clay nanomaterials — Part 1: Specification of characteristics and measurement methods for layered clay nanomaterials	D	ISO/IEC 15444-15:2019	en	Information technology — JPEG 2000 image coding system — Part 15: High-Throughput JPEG 2000	G
TC 286		Collaborative business relationship management		ISO/IEC 23008-8:2018/ Amd 1:2019	en	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 8: Conformance specification for HEVC — Amendment 1: Conformance testing for HEVC screen content coding (SCC) extensions and non-intra high throughput profiles	XZ
ISO 44002:2019	en	Collaborative business relationship management systems — Guidelines on the implementation of ISO 44001	G				
TC 292		Security and resilience					
ISO 22301:2019	en fr	Security and resilience — Business continuity management systems — Requirements	D				
TMBG		Technical Management Board - groups					

ISO/IEC 23092-2:2019	en	Information technology — Genomic information representation — Part 2: Coding of genomic information
ISO/IEC TR 30148:2019	en	Internet of Things (IoT) — Technical requirements and application of sensor network for wireless gas meters.

H

E

ISO 8316:1987	(reconfirmed)
ISO 9368-1:1990	(reconfirmed)
TC 31	Tyres, rims and valves
ISO 20562:2014	
TC 34	Food products
ISO 3093:2009	(reconfirmed)
ISO 11133:2014	
ISO 3656:2011	(reconfirmed)
ISO 10540-1:2003	(reconfirmed)
ISO 10540-2:2003	(reconfirmed)
ISO 15267:1998	(reconfirmed)
ISO 15305:1998	(reconfirmed)
ISO 15788-2:2003	(reconfirmed)
ISO 18395:2005	(reconfirmed)
ISO 29822:2009	(reconfirmed)
ISO 29841:2009	(reconfirmed)

Standards confirmed

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

TC 2	Fasteners
ISO 16048:2003	(reconfirmed)
TC 6	Paper, board and pulps
ISO 2759:2014	
ISO 12625-7:2014	
ISO 13820:2014	
TC 10	Technical product documentation
ISO 11540:2014	
TC 17	Steel
ISO 6935-1:2007	(reconfirmed)
TC 20	Aircraft and space vehicles
ISO 7166:1985	(reconfirmed)
ISO 7717:1985	(reconfirmed)
ISO 9469:1991	(reconfirmed)
ISO 9666:1993	(reconfirmed)
ISO 9678:1991	(reconfirmed)
ISO 11075:2007	(reconfirmed)
ISO 11078:2007	(reconfirmed)
ISO 14186:2013	
ISO 16412:2005	(reconfirmed)
ISO 27470:2011	(reconfirmed)
ISO 8075:1985	(reconfirmed)
TC 22	Road vehicles
ISO 15031-4:2014	
ISO 17215-1:2014	
ISO 17215-2:2014	
ISO 17215-4:2014	
ISO/PAS 12158:2002	
ISO 6623:2013	
ISO/TS 17536-3:2014	
ISO 15829:2013	
TC 25	Cast irons and pig irons
ISO 5922:2005	(reconfirmed)
TC 30	Measurement of fluid flow in closed conduits
ISO 4006:1991	(reconfirmed)
ISO 4185:1980	(reconfirmed)

TC 38	Textiles
ISO 1530:2003	(reconfirmed)
ISO 4880:1997	(reconfirmed)
ISO 6941:2003	(reconfirmed)
ISO 9073-10:2003	(reconfirmed)
ISO 9073-12:2002	(reconfirmed)
ISO 11721-2:2003	(reconfirmed)
ISO 13629-2:2014	
ISO 16373-2:2014	
ISO 16373-3:2014	
ISO 16663-1:2009	(reconfirmed)
ISO 16663-2:2003	(reconfirmed)
ISO 17299-5:2014	
ISO 23606:2009	(reconfirmed)
ISO 139:2005	(reconfirmed)
ISO 5084:1996	(reconfirmed)
ISO 13935-1:2014	
TC 39	Machine tools
ISO 3089:2005	(reconfirmed)
ISO 3442-2:2005	(reconfirmed)
TC 44	Welding and allied processes
ISO 9455-2:1993	(reconfirmed)
TC 46	Information and documentation
ISO 16439:2014	
TC 48	Laboratory equipment
ISO 385:2005	(reconfirmed)
ISO 3585:1998	(reconfirmed)
ISO 4790:1992	(reconfirmed)
ISO 4794:1982	(reconfirmed)
TC 51	Pallets for unit load method of materials handling
ISO 18333:2014	
TC 61	Plastics
ISO 15791-1:2014	
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO 10424-1:2004	(reconfirmed)
TC 70	Internal combustion engines
ISO 4548-4:1997	(reconfirmed)

TC 71	Concrete, reinforced concrete and pre-stressed concrete	ISO 1143:2010	(reconfirmed)
ISO 1920-7:2004	(reconfirmed)	TC 172	Optics and photonics
TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	ISO 8598-1:2014	
ISO 8536-7:2009	(reconfirmed)	ISO 8612:2009	(reconfirmed)
ISO 8871-1:2003	(reconfirmed)	ISO 9801:2009	(reconfirmed)
ISO 10985:2009	(reconfirmed)	ISO 10343:2014	
ISO 11418-4:2005	(reconfirmed)	ISO 10940:2009	(reconfirmed)
ISO 15137:2005	(reconfirmed)	ISO 10944:2009	(reconfirmed)
TC 85	Nuclear energy, nuclear technologies, and radiological protection	ISO 11979-6:2014	
ISO 21439:2009	(reconfirmed)	ISO 13212:2014	
TC 106	Dentistry	ISO 14730:2014	
ISO 28888:2013		ISO 15004-2:2007	(reconfirmed)
TC 131	Fluid power systems	ISO 18259:2014	
ISO 11926-2:1995	(reconfirmed)	TC 173	Assistive products
ISO 11926-3:1995	(reconfirmed)	ISO 7176-26:2007	
ISO 17165-1:2007	(reconfirmed)	ISO 10542-1:2012	(reconfirmed)
ISO/TR 17209:2013		TC 180	Solar energy
ISO 2941:2009	(reconfirmed)	ISO 22975-3:2014	
TC 138	Plastics pipes, fittings and valves for the transport of fluids	TC 184	Automation systems and integration
ISO 7671:2003	(reconfirmed)	ISO 14649-12:2005	(reconfirmed)
ISO 7682:2003	(reconfirmed)	ISO/TS 15926-6:2013	(reconfirmed)
ISO 8283-2:1992	(reconfirmed)	TC 190	Soil quality
ISO 8283-4:1992	(reconfirmed)	ISO/TS 16558-2:2015	
ISO 727-2:2005	(reconfirmed)	TC 201	Surface chemical analysis
ISO 1452-1:2009	(reconfirmed)	ISO 17331:2004	(reconfirmed)
ISO 1452-2:2009	(reconfirmed)	ISO/TS 18507:2015	(reconfirmed)
ISO 1452-3:2009	(reconfirmed)	ISO 20341:2003	(reconfirmed)
ISO 1452-4:2009	(reconfirmed)	TC 249	Traditional Chinese medicine
ISO 1452-5:2009	(reconfirmed)	ISO 17217-1:2014	
ISO 10508:2006	(reconfirmed)	TC 256	Pigments, dyestuffs and extenders
ISO 15875-1:2003	(reconfirmed)	ISO 788:1974	(reconfirmed)
ISO 15875-2:2003	(reconfirmed)	JTC 1	Information technology
ISO 15875-3:2003	(reconfirmed)	ISO/IEC 11694-6:2014	
ISO 15875-5:2003	(reconfirmed)	ISO/IEC TR 11172-5:1998	
ISO 15877-1:2009	(reconfirmed)	ISO/IEC 13818-4:2004	(reconfirmed)
ISO 15877-2:2009	(reconfirmed)	ISO/IEC TR 13818-5:2005	(reconfirmed)
ISO 15877-3:2009	(reconfirmed)	ISO/IEC 13818-6:1998	(reconfirmed)
ISO 15877-5:2009	(reconfirmed)	ISO/IEC TR 14496-7:2004	
ISO 22391-1:2009	(reconfirmed)	ISO/IEC 14496-8:2004	(reconfirmed)
ISO 22391-2:2009	(reconfirmed)	ISO/IEC TR 14496-9:2009	
ISO 22391-3:2009	(reconfirmed)	ISO/IEC 14496-18:2004	(reconfirmed)
ISO 22391-5:2009	(reconfirmed)	ISO/IEC 14496-19:2004	(reconfirmed)
ISO 17484-1:2014		ISO/IEC TR 15938-8:2002	
ISO 17484-2:2009	(reconfirmed)	ISO/IEC TR 15938-11:2005	
TC 145	Graphical symbols		
ISO 9186-1:2014			
TC 146	Air quality		
ISO 10849:1996	(reconfirmed)		
ISO 9487:1991	(reconfirmed)		
ISO 15202-3:2004	(reconfirmed)		
TC 164	Mechanical testing of metals		

ISO/IEC TR 21000-1:2004	
ISO/IEC 21000-2:2005	(reconfirmed)
ISO/IEC 21000-6:2004	(reconfirmed)
ISO/IEC TR 21000-11:2004	
ISO/IEC TR 21000-12:2005	
ISO/IEC 21000-15:2006	(reconfirmed)
ISO/IEC 21000-16:2005	(reconfirmed)
ISO/IEC 21000-17:2006	(reconfirmed)
ISO/IEC TR 23000-1:2007	
ISO/IEC 23002-1:2006	(reconfirmed)
ISO/IEC 23004-3:2007	(reconfirmed)

Meeting calendar

The meeting calendar is available at
<https://www.iso.org/meeting-calendar.html>

Standards withdrawn

Period from 01 October to 01 November 2019

TC 22 ISO/PAS 12158:2002	Road vehicles (replaced by)
TC 94 ISO 16073:2011	Personal safety -- Personal protective equipment (replaced by ISO 16073-1:2019, ISO 16073- 3:2019, ISO 16073-8:2019)
TC 106 ISO 9693-1:2012 ISO 9693-2:2016	Dentistry (replaced by ISO 9693:2019) (replaced by ISO 9693:2019)
TC 127 ISO 6750:2005	Earth-moving machinery (replaced by ISO 6750-1:2019)
TC 134 ISO 5316:1977	Fertilizers, soil conditioners and benefi- cial substances (replaced by ISO 15958:2019)
TC 159 ISO 24500:2010	Ergonomics (replaced by ISO 24551:2019, ISO 24550:2019)
TC 172 ISO 10110-10:2004	Optics and photonics (replaced by ISO 10110-1:2019)
TC 211 ISO 19107:2003	Geographic information/Geomatics (replaced by)
TC 226 ISO 5940:1981	Materials for the production of primary aluminium (replaced by ISO 5940-1:2019)