

ISO Update

Supplement to ISOfocus

July 2018

International Standards in process

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

CD registered

Period from 01 June to 30 June 2018

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 17	Steel
ISO/CD 4948	Classification of steels based on chemical composition
TC 21	Equipment for fire protection and fire fighting
ISO/PRF TS 21805	Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by fixed gaseous fire fighting systems
TC 22	Road vehicles
ISO/CD 17447-1	Road Vehicles — Glow-plugs with conical seating and their cylinder head housing — Part 1: Basic characteristics and dimensions for metal-sheath-type glow-plugs
ISO/CD 15007	Road vehicles — Measurement and analysis of driver visual behaviour with respect to transport information and control systems
TC 23	Tractors and machinery for agriculture and forestry
ISO/CD 23130	Milking and cooling machine installations — Monitoring device for cooling tanks — Requirements
TC 24	Particle characterization including sieving
ISO/CD 14488	Particulate materials — Sampling and sample splitting for the determination of particulate properties
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO/CD 6521-1	Lubricants, industrial oils and related products (Class L) — Family D (Compressors) — Part 1 — Part 1: Specifications of categories DAA and DAB (Lubricants for reciprocating and drip feed rotary air compressors)

ISO/CD 6521-3	Lubricants, industrial oils and related products (Class L) — Family D (Compressors) — Part 3: Specifications of categories DRA, DRB, DRC, DRD, DRE, DRF and DRG (Lubricants for refrigerating compressors)
TC 31	Tyres, rims and valves
ISO/CD 23671	Passenger car tyres — Method for measuring relative wet grip performance — Loaded new tyres
TC 35	Paints and varnishes
ISO/DTR 22770	Preparation of steel substrates before application of paints and related products — Analytical colorimetry method to support visual assessment of surface preparation grades
TC 38	Textiles
ISO/CD 12945-1	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 1: Pilling box method
ISO/CD 12945-2	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 2: Modified Martindale method
ISO/CD 12945-3	Textiles- Determination of the fabric propensity to surface pilling, fuzzing or matting — Part 3: Random tumble pilling method
ISO/CD 12945-4	Textiles — Determination of fabric propensity to surface pilling, fuzzing or matting — Part 4: Assessment of pilling, fuzzing or matting by visual analysis
TC 44	Welding and allied processes
ISO/CD 17279-3	Welding — Micro joining of 2nd generation high temperature superconductors — Part 3: Test methods for joint
TC 45	Rubber and rubber products
ISO/CD 1382	Rubber — Vocabulary
ISO/CD 11759	Rubber hoses and hose assemblies for dispensing liquefied petroleum gases (LPGs) — Specification
ISO/CD 7725	Rubber and rubber products — Determination of bromine and chlorine content
ISO/CD 21490	Rubber and rubber products — Determination of 2-Mercaptobenzothiazole content by high performance liquid chromatography (HPLC)
ISO/DTS 22762-4	Elastomeric seismic-protection isolators — Part 4: Guidance on the application of ISO 22762-3
TC 59	Buildings and civil engineering works
ISO/CD 16938-1	Buildings and civil engineering works — Determination of the staining of porous substrates by sealants used in joints — Part 1: Test with compression
ISO/CD 16938-2	Buildings and civil engineering works — Determination of the staining of porous substrates by sealants used in joints — Part 2: Test without compression
ISO/CD 21678	Sustainability in buildings and civil engineering works — Methodological principles for the development of benchmarks for sustainable buildings
TC 61	Plastics
ISO/DTR 20118	Guidance on fire characteristics and fire performance of PVC materials used in building applications

ISO/CD 23153-1	Plastics — Polyetheretherketone (PEEK) moulding and extrusion materials — Part 1: Designation system and basis for specifications	TC 106	Dentistry
ISO/CD 23153-2	Plastics — Polyetheretherketone (PEEK) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties	ISO/CD 10271	Dentistry — Corrosion test methods for metallic materials
TC 79 ISO/CD 23052	Light metals and their alloys Anodizing of aluminium and its alloy — Test methods of chemical resistance of anodic oxidation coatings on aluminium and its alloys using electromotive force apparatus	TC 107 ISO/CD 22680	Metallic and other inorganic coatings Metallic and other inorganic coatings- Measurement of linear thermal expansion coefficient of thermal barrier coatings
TC 82 ISO 19225:2017/ CD Amd 1	Mining Underground mining machines — Mobile extracting machines at the face — Safety requirements for shearer loaders and plough systems — Amendment 1	TC 108 ISO/CD 16079-2	Mechanical vibration, shock and condition monitoring Condition monitoring and diagnostics of wind turbines — Part 2: Detection of mechanical faults of the drive train
TC 85 ISO/CD 10276	Nuclear energy, nuclear technologies, and radiological protection Nuclear energy — Fuel technology — Trunnions for packages used to transport radioactive material	TC 117 ISO/CD 12759-5	Fans Fans — Efficiency classification for fans — Part 5: Jet fans
TC 86 ISO/CD 916	Refrigeration and air-conditioning Testing of refrigerating systems	TC 123 ISO/CD 6281	Plain bearings Plain bearings — Testing under conditions of hydrodynamic and mixed lubrication in test rigs
TC 92 ISO/CD 834-2	Fire safety Fire-resistance tests — Elements of building construction — Part 2: Uniformity measurement of furnace exposure on test samples	ISO/CD 3547-5 ISO/CD 3547-6	Plain bearings — Wrapped bushes — Part 5: Checking the outside diameter Plain bearings — Wrapped bushes — Part 6: Checking the inside diameter
ISO/CD 13571-1	Life-threatening components of fire — Part 1: Guidelines for the estimation of time to compromised tenability in fires	ISO/CD 3547-7	Plain bearings — Wrapped bushes — Part 7: Measurement of wall thickness of thin-walled bushes
TC 94 ISO/CD 12609-1	Personal safety -- Personal protective equipment Eyewear for protection against intense light sources used on humans and animals for cosmetic and medical applications — Part 1: Specification for products	TC 126 ISO/CD TS 22487	Tobacco and tobacco products Water pipe tobacco — Determination of total collected matter and nicotine using a water pipe tobacco smoking machine
ISO/DTR 22463	Patient and client eye protectors for use during laser or intense light source (ILS) procedures — Guidance	TC 127 ISO/CD 16417-1	Earth-moving machinery Earth-moving machinery — Hydraulic Breakers — Part 1: Terminology and commercial specifications
ISO/CD 16073-1	Wildland firefighting personal protective equipment — Requirements and test methods — Part 1: General	TC 130 ISO/CD 20616-2	Graphic technology Graphic technology — File format for quality control and metadata — Part 2: Print quality exchange (PQX)
ISO/CD 16073-2	Wildland firefighting personal protective equipment — Requirements and test methods — Part 2: Compatibility	ISO/CD TR 23031	Graphic technology — Assessment and validation of the performance of spectrophotometers and spectrodensitometers
ISO/CD 16073-3	Wildland firefighting personal protective equipment — Requirements and test methods — Part 3: Clothing	TC 131 ISO/CD 11171	Fluid power systems Hydraulic fluid power — Calibration of automatic particle counters for liquids
ISO/CD 16073-4	Wildland firefighting personal protective equipment — Requirements and test methods — Part 4: Gloves	TC 156 ISO/CD 8407	Corrosion of metals and alloys Corrosion of metals and alloys — Removal of corrosion products from corrosion test specimens
ISO/CD 16073-5	Wildland firefighting personal protective equipment — Requirements and test methods — Part 5: Helmets	TC 163 ISO/CD 21239	Thermal performance and energy use in the built environment Thermal insulation products for building - Reflective insulating products - Specification and testing
ISO/CD 16073-6	Wildland firefighting personal protective equipment — Requirements and test methods — Part 6: Footwear	ISO/CD 22482	Thermal insulation products — Aerogel blanket for buildings — Determination of physical properties
ISO/CD 16073-7	Wildland firefighting personal protective equipment — Requirements and test methods — Part 7: Face and eye protection	TC 178 ISO/CD 8100-32	Lifts, escalators and moving walks Lifts for the transportation of persons and goods — Part 32: Planning and selection of passenger lifts to be installed in office, hotel and residential buildings
ISO/CD 16073-8	Wildland firefighting personal protective equipment — Requirements and test methods — Part 8: Hearing	TC 182 ISO/CD 22476-14	Geotechnics Ground investigation and testing — Field testing — Part 14: Borehole dynamic probing
ISO/CD 16073-9	Wildland firefighting personal protective equipment — Requirements and test methods — Part 9: Firehoods	TC 189	Ceramic tile

ISO/CD 13007-6	Ceramic tiles — Grouts and adhesives — Part 6: Requirements, test methods, evaluation of conformity, classification and designation for waterproof membranes used with the installation of ceramic tiles	ISO/CD 18846-2	Solid biofuels — Determination of fines content in quantities of pellets — Part 2: Simplified method
TC 190	Soil quality	TC 249	Traditional chinese medicine
ISO/CD 23265	Soil quality — Test for measuring organic matter decomposition in contaminated soil	ISO/CD 22217	Traditional Chinese medicine --Storage requirements for raw materials and decoction pieces
TC 194	Biological and clinical evaluation of medical devices	ISO/CD 22467	Traditional Chinese Medicine- Determination of microorganism in natural products
ISO/CD 10993-23	Biological evaluation of medical devices — Part 23: Determination of skin irritation of medical device extracts using Reconstructed human Epidermis (RhE)	TC 258	Project, programme and portfolio management
ISO/CD 22442-2	Medical devices utilizing animal tissues and their derivatives — Part 2: Controls on sourcing, collection and handling	ISO/DTR 21506	Vocabulary for Project, Programme and Portfolio Management
TC 198	Sterilization of health care products	TC 261	Additive manufacturing
ISO/CD 17665	Sterilization of health care products — Moist heat — Requirements for the development, validation and routine control of a sterilization process for medical devices	ISO/ASTM CD TR 52912	Additive manufacturing - Design - Functionally graded additive manufacturing
TC 199	Safety of machinery	TC 268	Sustainable cities and communities
ISO/CD 13849-1	Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design	ISO/CD 37156	Smart community infrastructures — Guidelines on Data Exchange and Sharing for Smart Community Infrastructures
TC 204	Intelligent transport systems	ISO/CD 37161	Smart community infrastructures Guidance on smart transportation to save energy consumption in transportation services in cities
ISO/CD 22078	Intelligent transport systems — Bicyclist detection and collision mitigation systems (BDCMS) — Performance requirements and test procedures	ISO/CD 37162	Smart community infrastructures — Smart transportation for new towns
TC 206	Fine ceramics	TC 269	Railway applications
ISO/CD 22278	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for crystalline quality of silicon carbide (SiC) single crystal using high resolution XRD	ISO/CD 22163	Railway applications — Quality management system — Business management system requirements for rail organizations: ISO 9001:2015 and particular requirements for application in the rail sector
ISO/CD 27447	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for antibacterial activity of semiconducting photocatalytic materials	ISO/CD 22888	Railway applications — Guidelines for planning of operational concepts for earthquake events
TC 207	Environmental management	TC 274	Light and lighting
ISO/CD 14030-2	Green bonds — Environmental performance of nominated projects and assets — Part 2: Taxonomy of eligible investment categories	ISO/CIE CD TS 22012	Light and lighting — Maintenance factor determination — Way of working
ISO/CD 14030-3	Green bonds — Environmental performance of nominated projects and assets — Part 3: Verification requirements	TC 276	Biotechnology
TC 210	Quality management and corresponding general aspects for medical devices	ISO/CD 21899	Biotechnology — Biobanking — General requirements for the validation and verification of processing methods in biobanks
ISO/CD 20417	Medical Devices — Requirements for general information to be provided by the manufacturer	ISO/CD 23033	Biotechnology — Cell Characterization — General guide for characterization of human cells for therapeutic applications
TC 212	Clinical laboratory testing and in vitro diagnostic test systems	TC 279	Innovation management
ISO/DTS 22583	Guidance for supervisors and operators of point-of-care testing (POCT) devices	ISO/CD 50500	Innovation management — Fundamentals and vocabulary
TC 215	Health informatics	TC 286	Collaborative business relationship management
ISO/DTS 22773	Health Informatics — Categorial structures for representation of decocting process in traditional Chinese medicine	ISO/CD 44002	Collaborative business relationship management — Guidelines on the implementation of ISO 44001
TC 227	Springs	JTC 1	Information technology
ISO/CD 22705-1	Springs — Measurement and test parameters — Part 1: Cold formed cylindrical helical compression springs	ISO/IEC PDTR 33017	Information technology — Process assessment — Guidance for assessor training
TC 238	Solid biofuels	ISO/IEC PDTR 33018	Information technology — Process assessment — Guidance for assessor competency
		ISO/IEC CD 15408-1	Information technology — Security techniques — Evaluation criteria for IT security — Part 1: Introduction and general model
		ISO/IEC CD 15408-2	Information technology — Security techniques — Evaluation criteria for IT security — Part 2: Security functional components
		ISO/IEC CD 15408-3	Information technology — Security techniques — Evaluation criteria for IT security — Part 3: Security assurance components

ISO/IEC CD 15408-4	Information technology — Security techniques — Evaluation criteria for IT security — Part 4: Framework for the specification of evaluation methods and activities
ISO/IEC CD 15408-5	Information technology — Security techniques — Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements
ISO/IEC CD 27009	Information technology — Security techniques — Sector-specific application of ISO/IEC 27001 — Requirements
ISO/IEC CD 27034-4	Information technology — Security techniques — Application security — Part 4: Validation and verification
ISO/IEC CD 27102	Information technology — Security techniques — Information security management guidelines for cyber insurance
ISO/IEC CD 19823-10	Information technology — Conformance test methods for security service crypto suites — Part 10: Crypto suite AES-128
ISO/IEC CD 21471	Information technology — Automatic identification and data capture techniques — Bar code symbology specifications — Extended Rectangular Data Matrix (DMRE)

DIS circulated

Period from 01 June to 30 June 2018

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

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

* Available in English only

		Vote terminates
TC 8	Ships and marine technology	
ISO/DIS 29400	* Ships and marine technology — Offshore wind energy — Port and marine operations (Revision of ISO 29400:2015)	2018-09-20
ISO/DIS 6218	* Inland navigation vessels — Manually- and power-operated coupling devices for rope connections of pushing units and coupled vessels — Safety requirements and main dimensions (Revision of ISO 6218:2015)	2018-09-22
TC 17	Steel	
ISO/DIS 11484	* Steel products — Employer's qualification system for non-destructive testing (NDT) personnel (Revision of ISO 11484:2009)	2018-09-18
TC 20	Aircraft and space vehicles	
ISO/DIS 11231	* Space systems — Probabilistic risk assessment (PRA) (Revision of ISO 11231:2010)	2018-08-29

TC 21	Equipment for fire protection and fire fighting	
ISO/DIS 7203-1	* Fire extinguishing media — Foam concentrates — Part 1: Specification for low-expansion foam concentrates for top application to water-immiscible liquids (Revision of ISO 7203-1:2011)	2018-09-15
ISO/DIS 7203-2	* Fire extinguishing media — Foam concentrates — Part 2: Specification for medium- and high-expansion foam concentrates for top application to water-immiscible liquids (Revision of ISO 7203-2:2011)	2018-09-15
ISO/DIS 7203-3	* Fire extinguishing media — Foam concentrates — Part 3: Specification for low-expansion foam concentrates for top application to water-miscible liquids (Revision of ISO 7203-3:2011)	2018-09-15
TC 22	Road vehicles	
ISO/DIS 14229-1	* Road vehicles — Unified diagnostic services (UDS) — Part 1: Application layer (Revision of ISO 14229-1:2013)	2018-09-14
TC 23	Tractors and machinery for agriculture and forestry	
ISO/DIS 22868	* Forestry and gardening machinery — Noise test code for portable hand-held machines with internal combustion engine — Engineering method (Grade 2 accuracy) (Revision of ISO 22868:2011)	2018-08-31
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources	
ISO 8068:2006/DAmD 1	* Lubricants, industrial oils and related products (class L) — Family T (Turbines) — Specification for lubricating oils for turbines — Amendment 1: Filterability tests according to ISO 13357-1 and ISO 13357-2 — Requirement related to the stage of the test method	2018-08-31
TC 30	Measurement of fluid flow in closed conduits	
ISO/DIS 17089-1	* Measurement of fluid flow in closed conduits - Ultrasonic meters for gas — Part 1: Meters for custody transfer and allocation measurement (Revision of ISO 17089-1:2010)	2018-09-04
TC 34	Food products	
ISO/DIS 11056	* Sensory analysis — Methodology — Magnitude estimation method (Revision of ISO 11056:1999, ISO 11056:1999/Amd 1:2013, ISO 11056:1999/Amd 2:2015)	2018-09-06
TC 37	Language and terminology	
ISO/DIS 12620	* Management of terminology resources — Data category specifications	2018-08-29

(Revision of ISO 12620:2009)					
TC 38	Textiles			TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO/DIS 1833-3	* Textiles — Quantitative chemical analysis — Part 3: Mixtures of acetate with certain other fibres (method using acetone) (Revision of ISO 1833-3:2006)	2018-09-07		ISO/DIS 20074	* Petroleum and natural gas industry — Pipeline transportation systems — Geological hazards risk management for onshore pipeline
ISO/DIS 1833-10	* Textiles — Quantitative chemical analysis — Part 10: Mixtures of triacetate or polylactide with certain other fibres (method using dichloromethane) (Revision of ISO 1833-10:2006)	2018-09-19		ISO/DIS 35102	* Petroleum and natural gas industries — Arctic operations — Escape, evacuation and rescue from offshore installations
ISO/DIS 1833-16	* Textiles — Quantitative chemical analysis — Part 16: Mixtures of polypropylene fibres with certain other fibres (method using xylene) (Revision of ISO 1833-16:2006)	2018-09-13		TC 70	Internal combustion engines
ISO/DIS 1833-21	* Textiles — Quantitative chemical analysis — Part 21: Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates with certain other fibres (method using cyclohexanone) (Revision of ISO 1833-21:2006)	2018-09-20		ISO/DIS 2710-2	* Reciprocating internal combustion engines — Vocabulary — Part 2: Terms for engine maintenance (Revision of ISO 2710-2:1999)
ISO/DIS 2370	* Textiles — Determination of fineness of flax fibres — Permeometric methods	2018-09-14		ISO/DIS 8178-3	* Reciprocating internal combustion engines — Exhaust emission measurement — Part 3: Test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using a filter type smoke meter (Revision of ISO 8178-3:1994)
(Revision of ISO 2370:1980)				ISO/DIS 8178-9	* Reciprocating internal combustion engines — Exhaust emission measurement — Part 9: Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an Opacimeter (Revision of ISO 8178-10:2002, ISO 8178-9:2012)
TC 44	Welding and allied processes			TC 84	Devices for administration of medicinal products and catheters
ISO/DIS 15609-1	* Specification and qualification of welding procedures for metallic materials — Welding procedure specification — Part 1: Arc welding (Revision of ISO 15609-1:2004, ISO 15609-1:2004/Cor 1:2005)	2018-09-11		ISO/DIS 20069	* Guidance for assessment and evaluation of changes to drug delivery systems
TC 45	Rubber and rubber products			TC 86	Refrigeration and air-conditioning
ISO 19385:2017/DAMd 1	* Rubber and plastics hoses and hose assemblies, wire- or textile-reinforced, for water jetting or water blasting applications — Specification — Amendment 1	2018-08-31		ISO 16358-1:2013/DAMd 1	* Air-cooled air conditioners and air-to-air heat pumps — Testing and calculating methods for seasonal performance factors — Part 1: Cooling seasonal performance factor — Amendment 1
ISO/DIS 2453	* Rubber, raw styrene-butadiene, emulsion-polymerized — Determination of bound styrene content — Refractive index method (Revision of ISO 2453:1991, ISO 2453:1991/Cor 1:2003)	2018-09-07		TC 108	Mechanical vibration, shock and condition monitoring
TC 61	Plastics			ISO/DIS 7626-5	* Vibration and shock — Experimental determination of mechanical mobility — Part 5: Measurements using impact excitation with an exciter which is not attached to the structure (Revision of ISO 7626-5:1994)
ISO/DIS 11833-1	* Plastics — Unplasticized poly(vinyl chloride) sheets — Types, dimensions and characteristics — Part 1: Sheets of thickness not less than 1 mm (Revision of ISO 11833-1:2012)	2018-08-29		TC 119	Powder metallurgy
ISO/DIS 11963	* Plastics — Polycarbonate sheets — Types, dimensions and characteristics	2018-08-29		ISO/DIS 4499-2	* Hardmetals — Metallographic determination of microstructure — Part 2: Measurement of WC grain size (Revision of ISO 4499-2:2008)
ISO/DIS 20144	* Fibre-reinforced plastic composites — Standard qualification plan (SQP) for composite materials, including reduced (RQP) and extended (EQP) schemes	2018-09-05		TC 123	Plain bearings

ISO/DIS 3548-2	*	Plain bearings — Thin-walled half bearings with or without flange — Part 2: Measurement of wall thickness and flange thickness (Revision of ISO 3548-2:2009)	2018-09-12	ISO/DIS 19056-2	*	Microscopes — Definition and measurement of illumination properties — Part 2: Illumination properties related to the colour in bright field microscopy	2018-09-21
TC 135		Non-destructive testing		TC 184		Automation systems and integration	
ISO/DIS 12718	*	Non-destructive testing — Eddy current testing — Vocabulary (Revision of ISO 12718:2008)	2018-09-14	ISO/DIS 10303-242	*	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)	2018-09-05
TC 137		Footwear sizing designations and marking systems		TC 194		Biological and clinical evaluation of medical devices	
ISO/DIS 9407	*	Footwear sizing — Mondpoint system of sizing and marking (Revision of ISO 9407:1991)	2018-08-30	ISO/DIS 14155	*	Clinical investigation of medical devices for human subjects — Good clinical practice (Revision of ISO 14155:2011, ISO 14155:2011/Cor 1:2011)	2018-09-12
TC 145		Graphical symbols		TC 197		Hydrogen technologies	
ISO 7001:2007/DAmd 101	*	Graphical symbols — Public information symbols — Amendment 101: PI CF 021: Dance hall or ballroom	2018-09-05	ISO/DIS 14687	*	Hydrogen fuel quality — Product specification (Revision of ISO 14687-1:1999, ISO 14687-3:2014, ISO 14687-2:2012)	2018-09-04
ISO 7001:2007/DAmd 102	*	Graphical symbols — Public information symbols — Amendment 102: PI PF 077 Drinking water fountain	2018-09-05	TC 198		Sterilization of health care products	
ISO 7001:2007/DAmd 103	*	Graphical symbols — Public information symbols — Amendment 103: PI PF 078 Elevator or lift for goods	2018-09-05	ISO/DIS 11737-2	*	Sterilization of medical devices — Microbiological methods — Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process (Revision of ISO 11737-2:2009)	2018-08-30
ISO 7001:2007/DAmd 104	*	Graphical symbols — Public information symbols — Amendment 104: PI PF 079 Men's changing room	2018-09-05	TC 201		Surface chemical analysis	
ISO 7001:2007/DAmd 105	*	Graphical symbols — Public information symbols — Amendment 105: PI PF 080 Pedestrian overpass or footbridge	2018-09-05	ISO/DIS 20903	*	Surface chemical analysis — Auger electron spectroscopy and X-ray photoelectron spectroscopy — Methods used to determine peak intensities and information required when reporting results (Revision of ISO 20903:2011)	2018-09-20
ISO 7001:2007/DAmd 106	*	Graphical symbols — Public information symbols — Amendment 106: PI PF 081 Women's changing room	2018-09-05	TC 207		Environmental management	
ISO 7010:2011/DAmd 243	*	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 243: Safety sign E030: Emergency exit for people unable to walk or with walking impairment (right)	2018-09-15	ISO/DIS 14090	*	Adaptation to climate change — Principles, requirements and guidelines	2018-09-04
TC 156		Corrosion of metals and alloys		TC 211		Geographic information/ Geomatics	
ISO/DIS 22479	*	Corrosion of metals and alloys — Sulfur dioxide test in a humid atmosphere (Fixed gas method) (Revision of ISO 3231:1993, ISO 6988:1985)	2018-09-11	ISO 19150-2:2015/DAmd 1	*	Geographic information — Ontology — Part 2: Rules for developing ontologies in the Web Ontology Language (OWL) — Amendment 1	2018-09-21
TC 171		Document management applications		TC 212		Clinical laboratory testing and in vitro diagnostic test systems	
ISO/DIS 19444-1	*	Document management — XML Forms Data Format — Part 1: Use of ISO 32000-2 (XFDF 3.0) (Revision of ISO 19444-1:2016)	2018-09-05				
TC 172		Optics and photonics					
ISO/DIS 10110-12	*	Optics and photonics — Preparation of drawings for optical elements and systems — Part 12: Aspheric surfaces	2018-09-18				

ISO/DIS 20776-1	*	Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices — Part 1: Broth micro-dilution reference method for testing the in vitro activity of antimicrobial agents against rapidly growing aerobic bacteria involved in infectious diseases (Revision of ISO 20776-1:2006)	2018-09-19	(Revision of ISO/IEC 15693-3:2009, ISO/IEC 15693-3:2009/Amd 2:2015, ISO/IEC 15693-3:2009/Amd 3:2015, ISO/IEC 15693-3:2009/Amd 4:2017)			
TC 213		Dimensional and geometrical product specifications and verification		ISO/IEC DIS 22243	*	Information technology — Radio frequency identification for item management — Methods for localization of RFID tags	2018-08-29
ISO/DIS 10360-5	*	Geometrical product specifications (GPS) — Acceptance and reverification tests for coordinate measuring systems (CMS) — Part 5: CMMs using single and multiple stylus contacting probing systems using discrete point and/or scanning measuring mode (Revision of ISO 10360-5:2010)	2018-09-21	ISO/IEC DIS 20547-3	*	Information technology — Big data reference architecture — Part 3: Reference architecture	2018-09-19
TC 219		Floor coverings					
ISO/DIS 10361	*	Textile floor coverings — Production of changes in appearance by means of Vettermann drum and hexapod tumbler tester (Revision of ISO 10361:2015)	2018-09-06				
ISO/DIS 13746	*	Textile floor coverings — Guidelines for installation and use on stairs (Revision of ISO 13746:2000)	2018-08-29				Vote terminates
TC 268		Sustainable cities and communities					
ISO/DIS 37122	*	Sustainable development in communities — Indicators for Smart Cities	2018-08-30				
TC 285		Clean cookstoves and clean cooking solutions					
ISO/DIS 19869	*	Clean cookstoves and clean cooking solutions — Guidance on field testing methods for cookstoves	2018-09-06				
IULTCS		International Union of Leather Technologists and Chemists Societies					
ISO/DIS 23910	*	Leather — Physical and mechanical tests — Measurement of stitch tear resistance (Revision of ISO 23910:2017)	2018-09-05				
JTC 1		Information technology					
ISO/IEC/IEEE DIS 21839	*	Information technology — Systems and software engineering — System of Systems (SoS) considerations in life cycle stages of a system	2018-08-31				
ISO/IEC DIS 10373-7	*	Identification cards — Test methods — Part 7: Vicinity cards (Revision of ISO/IEC 10373-7:2008)	2018-09-20				
ISO/IEC DIS 15693-3	*	Cards and security devices for personal identification — Contactless vicinity objects — Part 3: Anticollision and transmission protocol	2018-09-08				
TC 8		Ships and marine technology					
ISO/FDIS 17325-3	*	Ships and marine technology — Marine environment protection — Oil booms — Part 3: End connectors					2018-08-18
TC 20		Aircraft and space vehicles					
ISO/FDIS 17763	*	Space systems — Human-life activity support systems and equipment integration in space flight					2018-08-07
TC 22		Road vehicles					
ISO/FDIS 6469-3	*	Electrically propelled road vehicles — Safety specifications — Part 3: Electrical safety (Revision of ISO 6469-3:2011)					2018-08-18
TC 23		Tractors and machinery for agriculture and forestry					
ISO/FDIS 18497.2	*	Agricultural machinery and tractors — Safety of highly automated agricultural machines — Principles for design					2018-08-03
TC 35		Paints and varnishes					
ISO/FDIS 4623-1	*	Paints and varnishes — Determination of resistance to filiform corrosion — Part 1: Steel substrates (Revision of ISO 4623-1:2000)					2018-08-12
ISO/FDIS 16053	*	Paints and varnishes — Coating materials and coating systems for exterior wood — Natural weathering test (Revision of ISO 16053:2010)					2018-08-11

FDIS circulated

Period from 01 June to 30 June 2018

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

* Available in English only

ISO/FDIS 11125-1	*	Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives — Part 1: Sampling (Revision of ISO 11125-1:1993)	2018-08-12	ISO/FDIS 15590-1	*	Petroleum and natural gas industries — Induction bends, fittings and flanges for pipeline transportation systems — Part 1: Induction bends (Revision of ISO 15590-1:2009)	2018-08-22
TC 38		Textiles		ISO/FDIS 21809-1	*	Petroleum and natural gas industries — External coatings for buried or submerged pipelines used in pipeline transportation systems — Part 1: Polyolefin coatings (3-layer PE and 3-layer PP) (Revision of ISO 21809-1:2011)	2018-08-17
ISO/FDIS 21232	*	Textiles — Determination of moisturizing effect of textile materials by measurement of microclimate between textiles and simulated human skin using sweating guarded hotplate	2018-08-03	TC 87		Cork	
ISO/FDIS 15487	*	Textiles — Method for assessing appearance of apparel and other textile end products after domestic washing and drying (Revision of ISO 15487:2009)	2018-08-15	ISO/FDIS 1997	*	Granulated cork and cork powder — Classification, properties and packing (Revision of ISO 1997:1992)	2018-08-14
TC 44		Welding and allied processes		ISO/FDIS 2030	*	Granulated cork — Size analysis by mechanical sieving (Revision of ISO 2030:1990)	2018-08-14
ISO/FDIS 17640	*	Non-destructive testing of welds — Ultrasonic testing — Techniques, testing levels, and assessment (Revision of ISO 17640:2017)	2018-09-11	TC 89		Wood-based panels	
ISO/FDIS 2553	*	Welding and allied processes — Symbolic representation on drawings — Welded joints (Revision of ISO 2553:2013)	2018-08-16	ISO/FDIS 12460-2	*	Wood-based panels — Determination of formaldehyde release — Part 2: Small-scale chamber method	2018-08-01
TC 45		Rubber and rubber products		TC 94		Personal safety -- Personal protective equipment	
ISO/FDIS 32100	*	Rubber- or plastics-coated fabrics — Physical and mechanical tests — Determination of flex resistance by the flexometer method (Revision of ISO 32100:2010)	2018-08-11	ISO/FDIS 4007	*	Personal protective equipment — Eye and face protection — Vocabulary (Revision of ISO 4007:2012)	
TC 58		Gas cylinders		TC 96		Cranes	
ISO/FDIS 10460	*	Gas cylinders — Welded aluminium-alloy, carbon and stainless steel gas cylinders — Periodic inspection and testing (Revision of ISO 10460:2005)	2018-08-08	ISO/FDIS 8686-3	*	Cranes — Design principles for loads and load combinations — Part 3: Tower cranes (Revision of ISO 12485:1998, ISO 8686-3:1998)	2018-08-22
TC 61		Plastics		TC 107		Metallic and other inorganic coatings	
ISO/FDIS 20457	*	Plastics moulded parts — Tolerances and acceptance conditions	2018-07-31	ISO/FDIS 4531	*	Vitreous and porcelain enamels — Release from enamelled articles in contact with food — Methods of test and limits (Revision of ISO 4531-1:1998, ISO 4531-2:1998)	
ISO/FDIS 19935-1	*	Plastics — Temperature modulated DSC — Part 1: General principles	2018-08-07	TC 110		Industrial trucks	
ISO/FDIS 1922	*	Rigid cellular plastics — Determination of shear properties (Revision of ISO 1922:2012)	2018-08-12	ISO/FDIS 22915-2	*	Industrial trucks — Verification of stability — Part 2: Counterbalanced trucks with mast (Revision of ISO 22915-2:2008)	2018-08-15
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		ISO/FDIS 22915-8	*	Industrial trucks — Verification of stability — Part 8: Additional stability test for trucks operating in the special condition of stacking with mast tilted forward and load elevated (Revision of ISO 22915-8:2008)	2018-08-15
ISO/FDIS 17782	*	Petroleum, petrochemical and natural gas industries — Scheme for conformity assessment of manufacturers of special materials	2018-08-25	TC 126		Tobacco and tobacco products	
				ISO/FDIS 20778	*	Cigarettes — Routine analytical cigarette smoking machine — Definitions and standard conditions with an intense smoking regime	

ISO/FDIS 20779	*	Cigarettes — Generation and collection of total particulate matter using a routine analytical smoking machine with an intense smoking regime		ISO/FDIS 20728	*	Corrosion of metal and alloys — Determination of resistance of magnesium alloys to stress corrosion cracking	2018-08-05
ISO/FDIS 7210	*	Routine analytical cigarette-smoking machine — Additional test methods for machine verification (Revision of ISO 7210:2013)		TC 172		Optics and photonics	
TC 127		Earth-moving machinery		ISO/FDIS 11145	*	Optics and photonics — Lasers and laser-related equipment — Vocabulary and symbols (Revision of ISO 11145:2016)	2018-08-23
ISO/FDIS 19014-3.2	*	Earth-moving machinery — Functional safety — Part 3: Environmental performance and test requirements of electronic and electrical components used in safety-related parts of the control system (Revision of ISO 15998:2008)	2018-08-08	ISO/FDIS 13694	*	Optics and photonics — Lasers and laser-related equipment — Test methods for laser beam power (energy) density distribution (Revision of ISO 13694:2015)	2018-08-23
TC 131		Fluid power systems		TC 190		Soil quality	
ISO/FDIS 6099	*	Fluid power systems and components — Cylinders — Identification code for mounting dimensions and mounting types (Revision of ISO 6099:2009)	2018-08-16	ISO/FDIS 20295	*	Soil quality — Determination of perchlorate in soil using ion chromatography	2018-08-09
TC 138		Plastics pipes, fittings and valves for the transport of fluids		ISO/FDIS 23161	*	Soil quality — Determination of selected organotin compounds — Gas-chromatographic method (Revision of ISO 23161:2009)	
ISO/FDIS 7432	*	Glass-reinforced thermosetting plastics (GRP) pipes and fittings — Test methods to prove the design of locked socket-and-spigot joints, including double-socket joints, with elastomeric seals (Revision of ISO 7432:2002)	2018-08-16	ISO/FDIS 23470	*	Soil quality — Determination of effective cation exchange capacity (CEC) and exchangeable cations using a hexamminecobalt(III) chloride solution (Revision of ISO 23470:2007)	2018-08-10
TC 146		Air quality		ISO/FDIS 17924	*	Soil quality — Assessment of human exposure from ingestion of soil and soil material — Procedure for the estimation of the human bioaccessibility/bioavailability of metals in soil (Revision of ISO/TS 17924:2007)	2018-08-12
ISO/FDIS 16000-36	*	Indoor air — Part 36: Standard method for assessing the reduction rate of culturable airborne bacteria by air purifiers using a test chamber	2018-08-25	TC 195		Building construction machinery and equipment	
TC 147		Water quality		ISO/FDIS 15645	*	Road construction and maintenance equipment — Road milling machinery — Terminology and commercial specifications (Revision of ISO 15645:2002, ISO 15645:2002/Amd 1:2013)	2018-08-12
ISO/FDIS 20236		Water quality — Determination of total organic carbon (TOC), dissolved organic carbon (DOC) total bound nitrogen (TNb) and dissolved bound nitrogen (DNb) after high temperature catalytic oxidative combustion	2018-08-25	TC 197		Hydrogen technologies	
ISO/FDIS 20899	*	Water quality — Plutonium and neptunium — Test method using ICP-MS	2018-08-07	ISO/FDIS 19882	*	Gaseous hydrogen — Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers	2018-08-16
ISO/FDIS 8199	*	Water quality — General requirements and guidance for microbiological examinations by culture (Revision of ISO 8199:2005)	2018-08-04	TC 198		Sterilization of health care products	
TC 150		Implants for surgery		ISO 11135:2014/ FDAmD 1	*	Sterilization of health-care products — Ethylene oxide — Requirements for the development, validation and routine control of a sterilization process for medical devices — Amendment 1: Revision of Annex E, Single batch release	2018-08-18
ISO 14242-3:2009/FDAmD 1	*	Implants for surgery — Wear of total hip-joint prostheses — Part 3: Loading and displacement parameters for orbital bearing type wear testing machines and corresponding environmental conditions for test — Amendment 1	2018-08-09	ISO/FDIS 11607-2	*	Packaging for terminally sterilized medical devices — Part 2: Validation requirements for forming, sealing and assembly processes (Revision of ISO 11607-2:2006, ISO 11607-2:2006/Amd 1:2014)	2018-08-11
TC 156		Corrosion of metals and alloys		TC 201		Surface chemical analysis	

ISO/FDIS 18516	*	Surface chemical analysis — Determination of lateral resolution and sharpness in beam based methods with a range from nanometers to micrometers (Revision of ISO 18516:2006)	2018-08-23	ISO/FDIS 14644-12	*	Cleanrooms and associated controlled environments — Part 12: Specifications for monitoring air cleanliness by nanoscale particle concentration	2018-08-08
TC 202		Microbeam analysis		JTC 1		Information technology	
ISO/FDIS 20720	*	Microbeam analysis — Methods of specimen preparation for analysis of general powders using WDS and EDS	2018-08-02	ISO/IEC/IEEE FDIS 24748-2	*	Systems and software engineering — Life cycle management — Part 2: Guidelines to the application of ISO/IEC/IEEE 15288 (System life cycle processes) (Revision of ISO/IEC TR 24748-2:2011)	2018-08-14
TC 204		Intelligent transport systems		ISO/IEC 7816-4:2013/FDAmD 2	*	Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange — Amendment 2: Waiting time management	2018-08-02
ISO/FDIS 14906	*	Electronic fee collection — Application interface definition for dedicated short-range communication (Revision of ISO 14906:2011, ISO 14906:2011/Cor 1:2013, ISO 14906:2011/Amd 1:2015)	2018-08-04	ISO/IEC FDIS 24787	*	Information technology — Identification cards — On-card biometric comparison (Revision of ISO/IEC 24787:2010, ISO/IEC 24787:2010/Cor 1:2013)	2018-08-14
TC 206		Fine ceramics		ISO/IEC FDIS 14496-30	*	Information technology — Coding of audio-visual objects — Part 30: Timed text and other visual overlays in ISO base media file format (Revision of ISO/IEC 14496-30:2014, ISO/IEC 14496-30:2014/Cor 1:2015, ISO/IEC 14496-30:2014/DAmD 1)	2018-08-25
ISO/FDIS 17168-1	*	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment — Part 1: Removal of nitric oxide	2018-08-03	ISO/IEC FDIS 23005-2	*	Information technology — Media context and control — Part 2: Control information (Revision of ISO/IEC 23005-2:2016)	2018-08-16
ISO/FDIS 17168-2	*	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment — Part 2: Removal of acetaldehyde	2018-08-03	ISO/IEC FDIS 23005-4	*	Information technology — Media context and control — Part 4: Virtual world object characteristics (Revision of ISO/IEC 23005-4:2016)	2018-08-16
ISO/FDIS 17168-3	*	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment — Part 3: Removal of toluene	2018-08-03				
ISO/FDIS 17168-4	*	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment — Part 4: Removal of formaldehyde	2018-08-03				
ISO/FDIS 17168-5	*	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for air-purification performance of semiconducting photocatalytic materials under indoor lighting environment — Part 5: Removal of methyl mercaptan	2018-08-03				
TC 207		Environmental management					
ISO/FDIS 14064-1	*	Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (Revision of ISO 14064-1:2006)	2018-08-08				
TC 209		Cleanrooms and associated controlled environments		TC 17		Steel	
				ISO 4957:2018		Tool steels	Price group

Standards published

New International Standards published between 01 June and 30 June 2018

* Available in English only

** French version of standard previously published in English only

TC 20	Aircraft and space vehicles		ISO 20266:2018	* Paints and varnishes — Determination of image clarity (degree of sharpness of reflected or transmitted image)	B
ISO 16157:2018	* Space systems — Human-life activity support systems and equipment integration in space flight — Techno-medical requirements for space vehicle human habitation environments	B	TC 39	Machine tools	
ISO 20780:2018	* Space systems — Fiber optic components — Design and verification requirements	C	ISO 14955-2:2018	Machine tools — Environmental evaluation of machine tools — Part 2: Methods for measuring energy supplied to machine tools and machine tool components	G
TC 22	Road vehicles		TC 43	Acoustics	
ISO 6546:2018	Road vehicles — Collection of accident data for evaluation of occupant restraint performance	B	ISO 11200:2014/ Amd 1:2018	Acoustics — Noise emitted by machinery and equipment — Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions — Amendment 1	XZ
TC 23	Tractors and machinery for agriculture and forestry		TC 44	Welding and allied processes	
ISO 11783-6:2018	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 6: Virtual terminal	H	ISO 10042:2018	Welding — Arc-welded joints in aluminium and its alloys — Quality levels for imperfections	C
ISO 11783-7:2015/Amd 1:2018	* Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 7: Implement messages application layer — Amendment 1	E	ISO 15612:2018	Specification and qualification of welding procedures for metallic materials — Qualification by adoption of a standard welding procedure specification	A
ISO 20112-1:2018	* Tractors and machinery for agriculture and forestry — Camera interface between tractor and implement — Part 1: Analogue camera interface	B	TC 45	Rubber and rubber products	
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources		ISO 3949:2018	Plastics hoses and hose assemblies — Textile-reinforced types for hydraulic applications — Specification	B
ISO 4264:2018	Petroleum products — Calculation of cetane index of middle-distillate fuels by the four variable equation	B	ISO 2781:2018	Rubber, vulcanized or thermoplastic — Determination of density	B
ISO/TR 19686-2:2018	* Petroleum products — Equivalency of test method determining the same property — Part 2: Density of petroleum products	C	ISO 13226:2018	Rubber — Standard reference elastomers (SREs) for characterizing the effect of liquids on vulcanized rubbers	F
TC 29	Small tools		ISO 3858:2018	Rubber compounding ingredients — Carbon black — Determination of light transmittance of toluene extract	B
ISO/TS 13399-401:2016	Cutting tool data representation and exchange — Part 401: Creation and exchange of 3D models — Converting, extending and reducing adaptive items	E	ISO 28641:2018	Rubber compounding ingredients — Organic chemicals — General test methods	F
ISO/TS 13399-405:2016	Cutting tool data representation and exchange — Part 405: Creation and exchange of 3D models — Collets	E	ISO 1856:2018	Flexible cellular polymeric materials — Determination of compression set	A
TC 31	Tyres, rims and valves		TC 61	Plastics	
ISO 11795:2018	Agricultural tractor drive wheel tyres — Explanation of rolling circumference index (RCI) and speed radius index (SRI) and method of measuring tyre rolling circumference	A	ISO 10927:2018	Plastics — Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS)	C
TC 34	Food products		ISO 15033:2018	* Plastics — Determination of caprolactam and its cyclic and linear oligomers by HPLC	C
ISO 18593:2018	Microbiology of the food chain — Horizontal methods for surface sampling	B	ISO 20557-1:2018	* Plastics — Poly(phenylene ether) (PPE) moulding and extrusion materials — Part 1: Designation system and basis for specifications	B
ISO 22000:2018	Food safety management systems — Requirements for any organization in the food chain	F	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
TC 35	Paints and varnishes				

ISO 15138:2018	*	Petroleum and natural gas industries — Offshore production installations — Heating, ventilation and air-conditioning	H	TC 108	Mechanical vibration, shock and condition monitoring	
TC 70		Internal combustion engines		ISO 20816-4:2018	* Mechanical vibration — Measurement and evaluation of machine vibration — Part 4: Gas turbines in excess of 3 MW, with fluid-film bearings	D
ISO 8528-2:2018		Reciprocating internal combustion engine driven alternating current generating sets — Part 2: Engines	C	TC 112	Vacuum technology	
ISO 8178-6:2018		Reciprocating internal combustion engines — Exhaust emission measurement — Part 6: Report of measuring results and test	E	ISO/TS 20177:2018	* Vacuum technology — Vacuum gauges — Procedures to measure and report outgassing rates	F
TC 71		Concrete, reinforced concrete and pre-stressed concrete		TC 123	Plain bearings	
ISO 1920-5:2018	*	Testing of concrete — Part 5: Density and water penetration depth	C	ISO 6280:2018	* Plain bearings — Requirements and guidance on backings for thick-walled multilayer bearings	A
ISO 1920-13:2018	*	Testing of concrete — Part 13: Properties of fresh self compacting concrete	D	ISO 6282:2018	* Plain bearings — Metallic thin-walled half bearings — Determination of the sigma 0,01*-limit	A
TC 84		Devices for administration of medicinal products and catheters		TC 126	Tobacco and tobacco products	
ISO 11070:2014/Amd 1:2018		Sterile single-use intravascular introducers, dilators and guidewires — Amendment 1	XZ	ISO 15152:2003/Amd 2:2018	Tobacco — Determination of the content of total alkaloids as nicotine — Continuous-flow analysis method — Amendment 2	XZ
ISO 20696:2018		Sterile urethral catheters for single use	E	TC 127	Earth-moving machinery	
ISO 20697:2018		Sterile drainage catheters and accessory devices for single use	F	ISO 19014-1:2018	Earth-moving machinery — Functional safety — Part 1: Methodology to determine safety-related parts of the control system and performance requirements	D
TC 92		Fire safety		TC 138	Plastics pipes, fittings and valves for the transport of fluids	
ISO 19703:2018	*	Generation and analysis of toxic gases in fire — Calculation of species yields, equivalence ratios and combustion efficiency in experimental fires	E	ISO 15874-2:2013/Amd 1:2018	Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 2: Pipes — Amendment 1	XZ
TC 94		Personal safety -- Personal protective equipment		ISO 15874-3:2013/Amd 1:2018	Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 3: Fittings — Amendment 1	XZ
ISO 374-1:2016/Amd 1:2018	*	Protective gloves against dangerous chemicals and micro-organisms — Part 1: Terminology and performance requirements for chemical risks — Amendment 1	XZ	ISO 15874-5:2013/Amd 1:2018	Plastics piping systems for hot and cold water installations — Polypropylene (PP) — Part 5: Fitness for purpose of the system — Amendment 1	XZ
TC 96		Cranes		TC 147	Water quality	
ISO 23853:2018		Cranes — Training of slingers and signallers	D	ISO 20596-1:2018	* Water quality — Determination of cyclic volatile methylsiloxanes in water — Part 1: Method using purge and trap with gas chromatography-mass spectrometry (GC-MS)	D
ISO 8686-2:2018	*	Cranes — Design principles for loads and load combinations — Part 2: Mobile cranes	C	TC 150	Implants for surgery	
TC 106		Dentistry		ISO 13019:2018	* Tissue-engineered medical products — Quantification of sulfated glycosaminoglycans (sGAG) for evaluation of chondrogenesis	C
ISO 10477:2018		Dentistry — Polymer-based crown and veneering materials	D	TC 171	Document management applications	
ISO 7494-1:2018		Dentistry — Stationary dental units and dental patient chairs — Part 1: General requirements	C	ISO 14641:2018	* Electronic document management — Design and operation of an information system for the preservation of electronic documents — Specifications	F
				TC 172	Optics and photonics	
				ISO 21575:2018	* Optics and photonics — Optical materials and components — The powder test method for the water resistance of optical glass	A
				TC 173	Assistive products	

ISO 7176-6:2018	*	Wheelchairs — Part 6: Determination of maximum speed of electrically powered wheelchairs	A	ISO 14080:2018		Greenhouse gas management and related activities — Framework and principles for methodologies on climate actions	F
TC 176		Quality management and quality assurance		TC 210		Quality management and corresponding general aspects for medical devices	
ISO 10005:2018		Quality management — Guidelines for quality plans	E	ISO 18250-3:2018	*	Medical devices — Connectors for reservoir delivery systems for health-care applications — Part 3: Enteral applications	F
TC 181		Safety of toys		TC 216		Footwear	
ISO/TR 8124-9:2018	*	Safety of toys — Part 9: Safety aspects related to mechanical and physical properties — Comparison of ISO 8124-1, EN 71-1, and ASTM F963	H	ISO 17708:2018		Footwear — Test methods for whole shoe — Upper sole adhesion	B
TC 182		Geotechnics		TC 249		Traditional chinese medicine	
ISO 17892-12:2018	*	Geotechnical investigation and testing — Laboratory testing of soil — Part 12: Determination of liquid and plastic limits	E	ISO 20334:2018	*	Traditional Chinese medicine — Coding system of formulae	H
TC 183		Copper, lead, zinc and nickel ores and concentrates		TC 260		Human resource management	
ISO 12743:2018	*	Copper, lead, zinc and nickel concentrates — Sampling procedures for determination of metal and moisture content	G	ISO/TS 30410:2018	*	Human resource management — Impact of hire metric	B
TC 184		Automation systems and integration		TC 282		Water reuse	
ISO 18828-4:2018	*	Industrial automation systems and integration — Standardized procedures for production systems engineering — Part 4: Key performance indicators (KPIs) in production planning processes	F	ISO 20761:2018		Water reuse in urban areas — Guidelines for water reuse safety evaluation — Assessment parameters and methods	D
TC 190		Soil quality		TC 285		Clean cookstoves and clean cooking solutions	
ISO 20244:2018		Soil quality — Screening method for water content — Determination by refractometry	A	ISO 19867-1:2018	*	Clean cookstoves and clean cooking solutions — Harmonized laboratory test protocols — Part 1: Standard test sequence for emissions and performance, safety and durability	H
ISO 15952:2018		Soil quality — Effects of pollutants on juvenile land snails (Helicidae) — Determination of the effects on growth by soil contamination	E	TC 290		Online reputation	
TC 197		Hydrogen technologies		ISO 20488:2018		Online consumer reviews — Principles and requirements for their collection, moderation and publication	D
ISO 19880-3:2018	*	Gaseous hydrogen — Fuelling stations — Part 3: Valves	E	IULTCS		International Union of Leather Technologists and Chemists Societies	
TC 204		Intelligent transport systems		ISO 4048:2018		Leather — Chemical tests — Determination of matter soluble in dichloromethane and free fatty acid content	B
ISO 15638-21:2018	*	Intelligent transport systems — Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) — Part 21: Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes	E	ISO 5398-1:2018		Leather — Chemical determination of chromic oxide content — Part 1: Quantification by titration	A
ISO 17427-1:2018	*	Intelligent transport systems — Cooperative ITS — Part 1: Roles and responsibilities in the context of cooperative ITS architecture(s)	F	ISO 5398-3:2018		Leather — Chemical determination of chromic oxide content — Part 3: Quantification by atomic absorption spectrometry	A
ISO 29281-1:2018	*	Intelligent transport systems — Localized communications — Part 1: Fast networking & transport layer protocol (FNTP)	G	JTC 1		Information technology	
TC 207		Environmental management		ISO/IEC/IEEE 26512:2018	*	Systems and software engineering — Requirements for acquirers and suppliers of information for users	F
				ISO/IEC 14443-3:2018	*	Cards and security devices for personal identification — Contactless proximity objects — Part 3: Initialization and anticollision	G

ISO/IEC 14443-4:2018	*	Cards and security devices for personal identification — Contactless proximity objects — Part 4: Transmission protocol	G	ISO 11748-2:2001	(reconfirmed)
ISO/IEC 18328-4:2018	*	Identification cards — ICC-managed devices — Part 4: Test methods for logical characteristics	E	ISO 15170-1:2001	(reconfirmed)
ISO/IEC 29100:2011/ Amd 1:2018	*	Information technology — Security techniques — Privacy framework — Amendment 1: Clarifications	XZ	ISO 15170-2:2001	(reconfirmed)
				ISO 16750-3:2012	
				ISO 16750-5:2010	
				ISO 20860-1:2008	(reconfirmed)
				ISO 20860-2:2009	(reconfirmed)
				ISO/TS 21609:2014	
				ISO 7862:2004	(reconfirmed)
				ISO/TS 15827:2007	(reconfirmed)
				ISO 15828:2004	(reconfirmed)
				ISO 1102:2001	(reconfirmed)
				ISO 1726-1:2000	(reconfirmed)
				ISO 3853:1994	(reconfirmed)
				ISO 7237:1993	
				ISO 7641:2012	
				ISO 7642:1991	(reconfirmed)
				ISO 7643:1991	(reconfirmed)
				ISO 7653:1985	(reconfirmed)
				ISO 8716:2001	(reconfirmed)
				ISO 8717:2000	(reconfirmed)
				ISO 8718:2001	(reconfirmed)
				ISO 11555-1:2003	(reconfirmed)
				ISO 18207:2006	(reconfirmed)

Standards confirmed

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

TC 2	Fasteners
ISO 3508:1976	(reconfirmed)
TC 5	Ferrous metal pipes and metallic fittings
ISO 15465:2004	(reconfirmed)
TC 8	Ships and marine technology
ISO 6325:1987	(reconfirmed)
ISO 8314:1987	(reconfirmed)
TC 17	Steel
ISO 14404-1:2013	
ISO 14404-2:2013	
ISO 14656:1999	(reconfirmed)
ISO 15698-1:2012	
ISO 15698-2:2012	
ISO 13270:2013	
ISO 404:2013	
ISO 10474:2013	
TC 20	Aircraft and space vehicles
ISO 16458:2004	(reconfirmed)
TC 22	Road vehicles
ISO 22628:2002	(reconfirmed)
ISO 14229-4:2012	
ISO 14229-6:2013	
ISO 17458-2:2013	
ISO 17458-3:2013	
ISO 17458-4:2013	
ISO 17458-5:2013	
ISO 18542-1:2012	
ISO 22900-3:2012	
ISO 4141-4:2009	(reconfirmed)
ISO 4165:2001	(reconfirmed)
ISO 8820-3:2015	
ISO 8854:2012	
ISO 11446-2:2012	
ISO 11452-5:2002	(reconfirmed)
ISO 11748-1:2001	(reconfirmed)

ISO 7641:2012	
ISO 7642:1991	(reconfirmed)
ISO 7643:1991	(reconfirmed)
ISO 7653:1985	(reconfirmed)
ISO 8716:2001	(reconfirmed)
ISO 8717:2000	(reconfirmed)
ISO 8718:2001	(reconfirmed)
ISO 11555-1:2003	(reconfirmed)
ISO 18207:2006	(reconfirmed)
TC 29	Small tools
ISO 234-1:1983	(reconfirmed)
ISO 1651:1974	(reconfirmed)
ISO 1684:1975	(reconfirmed)
ISO 2336-1:1996	(reconfirmed)
ISO 2729:1995	(reconfirmed)
ISO 2804:1996	(reconfirmed)
ISO 603-18:2013	
ISO 3855:1977	(reconfirmed)
ISO 5419:1982	(reconfirmed)
ISO 5968:1981	(reconfirmed)
ISO 7294:1983	(reconfirmed)
ISO 10887:1999	(reconfirmed)
ISO 10888:1999	(reconfirmed)
TC 33	Refractories
ISO 2478:1987	(reconfirmed)
ISO 3187:1989	(reconfirmed)
ISO 5013:1985	(reconfirmed)
ISO 5014:1997	(reconfirmed)
ISO 5016:1997	(reconfirmed)
ISO 5017:2013	
ISO 8840:1987	(reconfirmed)
ISO 8895:2004	(reconfirmed)
ISO 10059-1:1992	(reconfirmed)
ISO 13765-1:2004	(reconfirmed)
ISO 13765-2:2004	(reconfirmed)
ISO 13765-3:2004	(reconfirmed)
ISO 13765-4:2004	(reconfirmed)
ISO 13765-5:2004	(reconfirmed)
ISO 13765-6:2004	(reconfirmed)

ISO 14720-1:2013		ISO 284:2012	
ISO 14720-2:2013		ISO 340:2013	
TC 34	Food products	ISO 4195:2012	
ISO 5526:2013		ISO 14890:2013	
ISO 17715:2013		ISO 15147:2012	
ISO 24333:2009	(reconfirmed)	ISO 16851:2012	
ISO 707:2008	(reconfirmed)	ISO 18573:2012	
ISO 1211:2010		ISO 21179:2013	
ISO 1739:2006	(reconfirmed)	ISO 21180:2013	
ISO 2962:2010		ISO 21181:2013	
ISO 3433:2008	(reconfirmed)	ISO 21182:2013	
ISO 3727-1:2001	(reconfirmed)	TC 42	Photography
ISO 3727-2:2001	(reconfirmed)	ISO 6:1993	(reconfirmed)
ISO 5536:2009		ISO 1008:1992	(reconfirmed)
ISO 5544:2008	(reconfirmed)	ISO 1203:1998	(reconfirmed)
ISO 5546:2010		ISO 1755:1987	(reconfirmed)
ISO 6091:2010		ISO 1948:1987	(reconfirmed)
ISO 6731:2010		ISO 2721:2013	
ISO 6732:2010		ISO 7766:2003	(reconfirmed)
ISO 6734:2010		ISO 9378:1993	(reconfirmed)
ISO 8070:2007	(reconfirmed)	ISO 10348:1993	(reconfirmed)
ISO 8196-1:2009		ISO 10349-2:1992	(reconfirmed)
ISO 8196-2:2009		ISO 10349-3:1992	(reconfirmed)
ISO 8870:2006	(reconfirmed)	ISO 10349-4:1992	(reconfirmed)
ISO 11815:2007	(reconfirmed)	ISO 10349-5:1992	(reconfirmed)
ISO 12081:2010		ISO 10349-6:1992	(reconfirmed)
ISO 12779:2011		ISO 10349-7:1992	(reconfirmed)
ISO 13082:2011		ISO 10349-9:1992	(reconfirmed)
ISO 15163:2012		ISO	(reconfirmed)
ISO 15174:2012		10349-10:1992	
ISO/TS	(reconfirmed)	ISO	(reconfirmed)
15495:2010		10349-11:1992	
ISO/TS		ISO	(reconfirmed)
17758:2014		10349-12:1992	
ISO 17792:2006	(reconfirmed)	ISO 11106-1:1997	(reconfirmed)
ISO 20128:2006	(reconfirmed)	ISO 11315-1:1997	(reconfirmed)
ISO 23058:2006	(reconfirmed)	ISO 11315-2:1997	(reconfirmed)
ISO 26462:2010		ISO 14548:1998	(reconfirmed)
ISO/TS	(reconfirmed)	ISO 14808:1997	(reconfirmed)
26844:2006		ISO 15740:2013	
ISO 27871:2011		ISO 18902:2013	
TC 38	Textiles	ISO 18907:2013	
ISO 105-E01:2013		ISO 18914:2013	
ISO 105-E02:2013		ISO 18922:2003	(reconfirmed)
ISO 105-E04:2013		ISO 18924:2013	
ISO 1130:1975	(reconfirmed)	ISO 18925:2013	
ISO 1139:1973	(reconfirmed)	ISO 18927:2013	
ISO 2947:1973	(reconfirmed)	ISO 18928:2013	
ISO 8159:1987	(reconfirmed)	ISO 18939:2013	
TC 39	Machine tools	ISO 22028-2:2013	
ISO 5169:1977	(reconfirmed)	ISO/TS	(reconfirmed)
ISO 5170:1977	(reconfirmed)	22028-3:2012	
ISO 13041-7:2004	(reconfirmed)	ISO/TS	(reconfirmed)
ISO 3442-2:2005	(reconfirmed)	22028-4:2012	
TC 41	Pulleys and belts (including veebelts)	TC 44	Welding and allied processes
ISO 251:2012		ISO 15609-6:2013	
		TC 45	Rubber and rubber products

ISO 18899:2013		ISO 10428:1993	(reconfirmed)
ISO 126:2005	(reconfirmed)	ISO 14310:2008	(reconfirmed)
ISO 498:1992	(reconfirmed)	ISO 14693:2003	(reconfirmed)
ISO 506:1992	(reconfirmed)	ISO/TS	
ISO 706:2004	(reconfirmed)	16901:2015	
ISO 976:2013		TC 69	Applications of statistical methods
ISO 1124:1988	(reconfirmed)	ISO 11648-2:2001	(reconfirmed)
ISO 1435:1996	(reconfirmed)	TC 72	Textile machinery and accessories
ISO 3899:2005	(reconfirmed)	ISO 98:2001	(reconfirmed)
ISO 4658:1999	(reconfirmed)	ISO 8114:1990	(reconfirmed)
ISO 12243:2003	(reconfirmed)	ISO 8489-1:1995	(reconfirmed)
ISO 12492:2012		ISO 8489-2:1995	(reconfirmed)
ISO 13773:1997	(reconfirmed)	ISO 8489-3:1995	(reconfirmed)
ISO 16565:2013		ISO 8489-4:1995	(reconfirmed)
ISO 17278:2013		ISO 8489-5:1995	(reconfirmed)
ISO 21870:2005	(reconfirmed)	ISO 28239:2008	(reconfirmed)
ISO 5473:1997	(reconfirmed)	ISO 363-1:2006	(reconfirmed)
ISO 5999:2013		ISO 363-2:2006	(reconfirmed)
ISO 10066:1991	(reconfirmed)	ISO 366-4:2005	(reconfirmed)
TC 46	Information and documentation	ISO 366-5:2006	(reconfirmed)
ISO 7220:1996	(reconfirmed)	ISO 5247-3:1993	(reconfirmed)
ISO 25964-2:2013		ISO 7839:2005	(reconfirmed)
TC 54	Essential oils	ISO 8116-1:1995	(reconfirmed)
ISO 10115:2013		ISO 8117:2003	(reconfirmed)
TC 59	Buildings and civil engineering works	ISO 8118-1:2006	(reconfirmed)
ISO 3443-3:1987	(reconfirmed)	ISO 8118-2:2006	(reconfirmed)
ISO 3443-5:1982	(reconfirmed)	ISO 8119-1:1989	(reconfirmed)
ISO/TR		ISO 8119-2:1989	(reconfirmed)
21932:2013		ISO 8121:2007	(reconfirmed)
TC 61	Plastics	ISO 8122:2003	(reconfirmed)
ISO 3451-3:1984	(reconfirmed)	ISO 8188:2007	(reconfirmed)
ISO 6427:2013		ISO 8640-1:2004	(reconfirmed)
ISO 11357-5:2013		ISO 8640-2:2004	(reconfirmed)
ISO 4892-2:2013		ISO 8640-3:2002	(reconfirmed)
ISO 1622-1:2012		ISO 9473-1:2006	(reconfirmed)
ISO 1624:2001	(reconfirmed)	ISO 9473-2:2006	(reconfirmed)
ISO 1628-6:1990	(reconfirmed)	ISO 10223:2005	(reconfirmed)
ISO 2561:2012		ISO 11675:2005	(reconfirmed)
ISO 11468:1997	(reconfirmed)	ISO 13990-1:2006	(reconfirmed)
ISO 12418-1:2012		ISO 13990-2:2006	(reconfirmed)
ISO 12418-2:2012		ISO 13990-3:2006	(reconfirmed)
ISO 4597-1:2005	(reconfirmed)	ISO 14500:2003	(reconfirmed)
ISO 7808:1992	(reconfirmed)	ISO 15228:2005	(reconfirmed)
ISO 8619:2003	(reconfirmed)	TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use
ISO 8987:2005	(reconfirmed)	ISO 15010:1998	(reconfirmed)
ISO 10724-1:1998	(reconfirmed)	TC 83	Sports and other recreational facilities and equipment
ISO 10724-2:1998	(reconfirmed)	ISO 5902:2013	
ISO 11248:1993	(reconfirmed)	ISO 6265:2013	
ISO 11401:1993	(reconfirmed)	ISO 6266:2013	
ISO 11409:1993	(reconfirmed)	TC 85	Nuclear energy, nuclear technologies, and radiological protection
ISO 14848:1998	(reconfirmed)	ISO/ASTM	
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	51261:2013	
ISO 10407:1993	(reconfirmed)		
ISO 10424-2:2007			

ISO/ASTM 51631:2013		TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO/ASTM 51702:2013		ISO 15398:2012	
ISO/ASTM 51940:2013		ISO 8361-1:1991	(reconfirmed)
ISO/ASTM 52116:2013		ISO 8361-3:1991	(reconfirmed)
ISO 11665-7:2012		TC 153	Valves
ISO 15080:2001	(reconfirmed)	ISO 5209:1977	(reconfirmed)
TC 94	Personal safety -- Personal protective equipment	ISO 10631:2013	
ISO 15383:2001	(reconfirmed)	ISO 28921-1:2013	
ISO 15538:2001	(reconfirmed)	TC 163	Thermal performance and energy use in the built environment
TC 106	Dentistry	ISO 12655:2013	
ISO 10323:2013		TC 171	Document management applications
ISO 16635-1:2013		ISO 446:2004	(reconfirmed)
TC 108	Mechanical vibration, shock and condition monitoring	TC 172	Optics and photonics
ISO 6070:1981	(reconfirmed)	ISO 8255-2:2013	
TC 111	Round steel link chains, chain slings, components and accessories	ISO 11553-3:2013	
ISO 3056:1986	(reconfirmed)	ISO 13695:2004	(reconfirmed)
ISO 7593:1986	(reconfirmed)	TC 206	Fine ceramics
TC 113	Hydrometry	ISO 11894-1:2013	
ISO 4359:2013		ISO 13125:2013	
TC 115	Pumps	ISO 14574:2013	
ISO 21049:2004		TC 207	Environmental management
TC 119	Powder metallurgy	ISO 14066:2011	
ISO 4491-4:2013		TC 211	Geographic information/Geomatics
ISO 13517:2013		ISO 19105:2000	(reconfirmed)
ISO 7625:2012		ISO 19144-2:2012	
TC 120	Leather	TC 213	Dimensional and geometrical product specifications and verification
ISO 14930:2012		ISO 4288:1996	(reconfirmed)
ISO 16131:2012		ISO 7863:1984	(reconfirmed)
TC 122	Packaging	ISO 16610-85:2013	
ISO 3394:2012		TC 274	Light and lighting
ISO 3676:2012		ISO 8995-1:2002	(reconfirmed)
TC 123	Plain bearings	TC 309	Governance of organizations
ISO 12128:2001	(reconfirmed)	ISO 19600:2014	
TC 126	Tobacco and tobacco products	IULTCS	International Union of Leather Technologists and Chemists Societies
ISO 3308:2012		ISO 11641:2012	
ISO 3401:1991	(reconfirmed)	ISO 11642:2012	
ISO 10315:2013		ISO 14268:2012	
ISO 15592-2:2001	(reconfirmed)	ISO 15702:1998	(reconfirmed)
ISO 15592-3:2008	(reconfirmed)	ISO 15703:1998	(reconfirmed)
ISO 15593:2001	(reconfirmed)	ISO 17131:2012	
ISO 22303:2008	(reconfirmed)	ISO 17226-3:2011	
TC 127	Earth-moving machinery	ISO 17234-2:2011	
ISO 2860:1992	(reconfirmed)	JTC 1	Information technology
ISO 3471:2008		ISO/IEC 18000-6:2013	
ISO 10264:1990	(reconfirmed)	ISO/IEC 24769-5:2012	
TC 131	Fluid power systems	ISO/IEC 24770:2012	
ISO 4392-1:2002	(reconfirmed)	ISO/IEC 24791-5:2012	
TC 135	Non-destructive testing		
ISO 11699-1:2008	(reconfirmed)		

Standards withdrawn

Period from 01 June to 30 June 2018

TC 106	Dentistry
ISO 6875:2011	(replaced by ISO 7494-1:2018)
TC 108	Mechanical vibration, shock and condition monitoring
ISO 7919-4:2009	(replaced by ISO 20816-4:2018)
ISO 7919-4:2009/ Amd 1:2017	(replaced by ISO 20816-4:2018)
ISO 10816-4:2009	(replaced by ISO 20816-4:2018)
ISO 10816-4:2009/ Amd 1:2017	(replaced by ISO 20816-4:2018)
TC 171	Document management applications
ISO 14641-1:2012	(replaced by ISO 14641:2018)
TC 182	Geotechnics
ISO/TS 17892-12:2004	(replaced by ISO 17892-12:2018)
TC 204	Intelligent transport systems
ISO/TS 17427:2014	(replaced by ISO 17427-1:2018)
TC 215	Health informatics
ISO 11238:2012	(replaced by)
ISO/TS 19844:2016	(replaced by)
JTC 1	Information technology
ISO/IEC 14763-1:1999	(replaced by ISO/IEC 14763-2:2012)
ISO/IEC 14763- 1:1999/Amd 1:2004	(replaced by ISO/IEC 14763-2:2012)
ISO/IEC 18010:2002	(replaced by ISO/IEC 14763-2:2012)
ISO/IEC 18010:2002/Amd 1:2005	(replaced by ISO/IEC 14763-2:2012)

Meeting calendar

The meeting calendar is available at

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