

# ISO Update

Supplement to ISOfocus

---

July 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 June to 30 June 2019

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 2	Fasteners
ISO/CD 7380-1	Button head screws — Part 1: Hexagon socket button head screws
ISO/CD 7380-2	Button head screws — Part 2: Hexagon socket button head screws with collar
TC 6	Paper, board and pulps
ISO/CD 21331	Graphic technology and deinked pulp - Guidance for assessing the deinking performance of printed paper products
TC 17	Steel
ISO/CD 630-1	Structural steels — Part 1: General technical delivery conditions for hot-rolled products
TC 22	Road vehicles
ISO/CD 21111-8	Road vehicles — In-vehicle Ethernet — Part 8: Electrical 100 Mbit/s communication channel and components requirements and test methods
ISO/DTR 27957	Road vehicles — Temperature measurement in anthropomorphic test devices — Definition of the temperature sensor locations
ISO/DTR 21959-1	Road vehicles — Human performance and state in the context of automated driving — Part 1: Common underlying concepts
TC 27	Solid mineral fuels
ISO/CD 20362	Hard Coal — Determination of plastometric indices — Automated Sapozhnikov Penetration Plastometer method
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO/CD 23306	Specification of liquefied natural gas as a fuel for marine applications
TC 31	Tyres, rims and valves
ISO/CD 4000-1	Passenger car tyres and rims — Part 1: Tyres (metric series)

ISO/CD 4000-2	Passenger car tyres and rims — Part 2: Rims
ISO/CD 10191	Passenger car tyres — Verifying tyre capabilities — Laboratory test methods
TC 34	Food products
ISO/CD 18449	Vocabulary for green tea
TC 39	Machine tools
ISO/CD 19085-3	Woodworking machines — Safety requirements — Part 3: Numerically controlled (NC) boring and routing machines
TC 42	Photography
ISO/CD 12231	Photography — Electronic still picture imaging — Supplemental vocabulary
TC 43	Acoustics
ISO/CD 22955	Acoustics — Acoustic quality of open office spaces
TC 44	Welding and allied processes
ISO/DTR 20174	Welding — Grouping systems for materials — Japanese materials
ISO/DTR 24471	Brazing — Grouping systems for materials — American materials
TC 51	Pallets for unit load method of materials handling
ISO/CD 8611-1	Pallets for materials handling — Flat pallets — Part 1: Test methods
ISO/CD 8611-2	Pallets for materials handling — Flat pallets — Part 2: Performance requirements and selection of tests
TC 59	Buildings and civil engineering works
ISO/CD 23234	Buildings and civil engineering works — Security — Planning of security measures in the built environment
ISO/CD 21542	Building construction — Accessibility and usability of the built environment
TC 61	Plastics
ISO/CD 23673	Plastics — Elasticity index — Determination of elastic property of melts
ISO/CD 23741	Determination of spray water delivery during spray cycles in weathering tests
TC 68	Financial services
ISO/CD 21586	Reference data for financial services — Specification for description of banking products or services (BPOS)
TC 69	Applications of statistical methods
ISO/DTS 16355-6	Applications of statistical and related methods to new technology and product development process — Part 6: QFD — related approaches to optimization
TC 70	Internal combustion engines
ISO/CD 8528-10	Reciprocating internal combustion engine driven alternating current generating sets — Part 10: Measurement of airborne noise by the enveloping surface method
ISO/CD 11102-1	Reciprocating internal combustion engines — Handle starting equipment — Part 1: Safety requirements and tests
TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO/CD 23523	Test methods for discrete polymer fibre for fibre-reinforced cementitious composites

TC 94	Personal safety -- Personal protective equipment	TC 165	Timber structures
ISO/CD 19734	Eye and face protection — Guidance on selection, use and maintenance	ISO/CD 23478	Bamboo structures — Glued laminated bamboo — Test methods for determination of physical and mechanical properties
ISO/DTS 17420-8	Respiratory protective devices — Performance requirements — Part 8: Special application CBRN filtering and RN filtering devices	TC 176	Quality management and quality assurance
ISO/DTS 17420-9	Respiratory protective devices — Performance requirements — Part 9: Special application CBRN supplied breathable gas devices	ISO/CD 10013	Guidelines for quality management system documentation
TC 96	Cranes	ISO/CD 10017	Guidance on statistical techniques for ISO 9001
ISO/CD 12480-1	Cranes — Safe use — Part 1: General	TC 194	Biological and clinical evaluation of medical devices
ISO/CD 4301-3	Cranes — Classification — Part 3: Tower cranes	ISO/CD 10993-2	Biological evaluation of medical devices — Part 2: Animal welfare requirements
TC 106	Dentistry	ISO/CD 10993-10	Biological evaluation of medical devices — Part 10: Tests for skin sensitization
ISO/CD 4823	Dentistry — Elastomeric impression and bite registration materials	TC 201	Surface chemical analysis
TC 108	Mechanical vibration, shock and condition monitoring	ISO/DTS 15338	Surface chemical analysis — Glow discharge mass spectrometry — Operating procedures
ISO 5349-1:2001/CD Amd 1	Mechanical vibration — Measurement and evaluation of human exposure to hand-transmitted vibration — Part 1: General requirements — Amendment 1	TC 204	Intelligent transport systems
TC 122	Packaging	ISO/DTS 15638-4	Intelligent transport systems — Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) — Part 4: System security requirements
ISO/CD 22982-2	Temperature controlled transport packaging — Part 2: General specifications of testing of temperature controlled transport packages for parcel shipping	ISO/DTS 16785	Electronic Fee Collection (EFC) — Interface definition between DSRC-OBE and external in-vehicle devices
TC 123	Plain bearings	ISO/CD 22738	Intelligent transport systems — Localized communications — Optical camera communication
ISO/CD 6691	Thermoplastic polymers for plain bearings — Classification and designation	TC 205	Building environment design
TC 127	Earth-moving machinery	ISO/CD 22185	Design of building components and built environment for avoiding moisture damages
ISO/CD 21815-1	Earth-moving machinery — Collision awareness and avoidance — Part 1: Part 1: General requirements	TC 213	Dimensional and geometrical product specifications and verification
TC 130	Graphic technology	ISO/CD 3611	Geometrical product specifications (GPS) — Dimensional measuring equipment: Micrometers for external measurements — Design and metrological characteristics
ISO/CD 12647-8	Graphic technology — Process control for the production of half-tone colour separations, proof and production prints — Part 8: Validation print processes working directly from digital data	ISO/CD 12179	Geometrical Product Specifications (GPS) — Surface texture: Profile method — Calibration of contact (stylus) instruments
ISO/DTS 18621-21	Image quality evaluation methods for printed matter — Part 21: Measurement of 1D distortions of macroscopic uniformity utilizing scanning spectrophotometers	ISO/CD 21920-1	Geometrical product specifications (GPS) — Surface texture: Profile — Part 1: Indication of surface texture
TC 153	Valves	ISO/CD 21920-2	Geometrical product specifications (GPS) — Surface texture: Profile — Part 2: Terms, definitions and surface texture parameters
ISO/CD 5752	Metal valves for use in flanged pipe systems — Face-to-face and centre-to-face dimensions	ISO/CD 21920-3	Geometrical product specifications (GPS) — Surface texture: Profile — Part 3: Specification operators
ISO/CD 10434	Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries	ISO/CD 25178-2	Geometrical product specifications (GPS) — Surface texture: Areal — Part 2: Terms, definitions and surface texture parameters
ISO/CD 15761	Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries	TC 221	Geosynthetics
ISO/CD 23632	Industrial valves — Type-testing of valves	ISO/DTR 18198	Determination of long term flow of geosynthetic drains
TC 155	Nickel and nickel alloys	TC 228	Tourism and related services
ISO/CD 6501	Ferronickel — Specification and delivery requirements	ISO/CD 18513	Tourism services — Hotels and other types of tourism accommodation — Terminology
TC 159	Ergonomics	TC 229	Nanotechnologies
ISO/CD 23456-1	Dynamic signs in physical environments — Part 1: General requirements	ISO/DTS 21412	Nanotechnologies — Nanostructured layers for enhanced electrochemical bio-sensing applications — Characteristics and measurements
TC 163	Thermal performance and energy use in the built environment	TC 234	Fisheries and aquaculture
ISO/CD 8145	Thermal insulation — Mineral wool board for overdeck insulation of roofs — Specification		

ISO/CD 22948	Carbon footprint for seafood — Product category rules (CFP-PCR) for finfish	JTC 1	Information technology
TC 249	Traditional Chinese medicine	ISO/IEC CD 24773-3	Software and systems engineering — Certification of software and systems engineering professionals — Part 3: Systems Engineering
ISO/DTR 21310	Traditional Chinese medicine — Microscopic examination on medicinal herbs	ISO/IEC CD 26580	Software and systems engineering — Methods and tools for the feature-based approach to software and systems product line engineering
TC 260	Human resource management	ISO/IEC CD 18328-2	Identification cards — ICC-managed devices — Part 2: Physical characteristics and test methods for cards with devices
ISO/CD 10667-1	Assessment service delivery — Procedures and methods to assess people in work and organizational settings — Part 1: Requirements for the client	ISO/IEC PDTS 24192-1	Public transport — Communication between contactless readers and fare media — Part 1: Implementation requirements for ISO/IEC 14443
ISO/CD 10667-2	Assessment service delivery — Procedures and methods to assess people in work and organizational settings — Part 2: Requirements for service providers	ISO/IEC PDTS 24192-2	Public transport — Communication between contactless readers and fare media — Part 2: Test plan for ISO/IEC 14443
TC 267	Facility management	ISO/IEC CD 1989	Information technology — Programming languages, their environments and system software interfaces — Programming language COBOL
ISO/CD 41014	Facility management — Development of facility management strategy	ISO/IEC CD 23360-2-2	Linux Standard Base (LSB) — Part 2-2: IA32 architecture, core specification
TC 268	Sustainable cities and communities	ISO/IEC CD 23360-2-3	Linux Standard Base (LSB) — Part 2-3: IA32 architecture, desktop specification
ISO/CD 37155-2	Framework for integration and operation of smart community infrastructures — Part 2: Holistic approach and the strategy for development, operation and maintenance of smart community infrastructures	ISO/IEC CD 23360-3-2	Linux Standard Base (LSB) — Part 3-2: IA64 architecture, core specification
ISO/CD 37164	Smart community infrastructures — Smart transportation using fuel cell LRT	ISO/IEC CD 23360-3-3	Linux Standard Base (LSB) — Part 3-3: IA64 architecture, desktop specification
TC 269	Railway applications	ISO/IEC CD 23360-4-2	Linux Standard Base (LSB) — Part 4-2: AMD64 architecture, core specification
ISO/CD 23300-1	Railway applications — Rail Welding — Part 1: General requirements and test methods for rail welding	ISO/IEC CD 23360-4-3	Linux Standard Base (LSB) — Part 4-3: AMD64 architecture, desktop specification
TC 272	Forensic sciences	ISO/IEC CD 23360-5-2	Linux Standard Base (LSB) — Part 5-2: PPC32 architecture, core specification
ISO/CD 21043-3	Forensic Sciences — Part 3: Analysis	ISO/IEC CD 23360-5-3	Linux Standard Base (LSB) — Part 5-3: PPC32 architecture, desktop specification
ISO/CD 21043-4	Forensic Sciences — Part 4: Interpretation	ISO/IEC CD 23360-6-2	Linux Standard Base (LSB) — Part 6-2: PPC64 architecture, core specification
ISO/CD 21043-5	Forensic Sciences — Part 5: Reporting	ISO/IEC CD 23360-6-3	Linux Standard Base (LSB) — Part 6-3: PPC64 architecture, desktop specification
TC 281	Fine bubble technology	ISO/IEC CD 23360-7-2	Linux Standard Base (LSB) — Part 7-2: S390 architecture, core specification
ISO/CD 20304-2	Fine bubble technology — Water treatment applications — Part 2: Test method for evaluating ozone fine bubble water generating systems by the decolourization of Methylene blue	ISO/IEC CD 23360-7-3	Linux Standard Base (LSB) — Part 7-3: S390 architecture, desktop specification
ISO/DTS 21256-1	Fine bubble technology — Cleaning applications — Part 1: Test method for cleaning salt (NaCl)-stained surfaces	ISO/IEC CD 23360-8-2	Linux Standard Base (LSB) — Part 8-2: S390X architecture, core specification
TC 296	Bamboo and rattan	ISO/IEC CD 23360-8-3	Linux Standard Base (LSB) — Part 8-3: S390X architecture, desktop specification
ISO/CD 21629	Bamboo floorings	ISO/IEC 18033-4:2011/PDAM 1	Information technology — Security techniques — Encryption algorithms — Part 4: Stream ciphers — Amendment 1: ZUC
TC 300	Solid Recovered Fuels	ISO/IEC 27021:2017/PDAM 1	Information technology — Security techniques — Competence requirements for information security management systems professionals — Amendment 1
ISO/CD 21645	Solid recovered fuels — Methods for sampling	ISO/IEC CD 23941	Information technology — Automatic identification and data capture techniques — Rectangular Micro QR (rMQR) bar code symbology specification
ISO/CD 21646	Solid recovered fuels — Sample preparation	ISO/IEC CD 23761	Digital Publishing — EPUB Accessibility - Conformance and Discovery Requirements for EPUB Publications
ISO/CD 21911	Solid recovered fuels — Determination of self-heating	ISO/IEC CD 23544	Information Technology — Data Centres — Application Platform Energy Effectiveness(APEE)
ISO/CD 21912	Solid recovered fuels — Safe handling and storage of solid recovered fuels	ISO/IEC CD 30134-8	Information technology — Data centres — Key performance indicators — Part 8: Carbon Usage Effectiveness (CUE)
TC 306	Foundry machinery		
ISO/CD 23472-1	Foundry machinery — Terminology — Part 1: Fundamental terms		
TC 307	Blockchain and distributed ledger technologies		
ISO/DTR 23244	Blockchain and distributed ledger technologies — Privacy and personally identifiable information protection considerations		
TC 309	Governance of organizations		
ISO/CD 37301	Compliance management systems — requirements with guidance for use		

ISO/IEC CD 30134-9	Information technology — Data centres — Key performance indicators — Part 9: Water Usage Effectiveness (WUE)
ISO/IEC PDTR 24028	Information technology — Artificial Intelligence (AI) — Overview of trustworthiness in Artificial Intelligence

## DIS circulated

Period from 01 June to 30 June 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	
TC 4	Rolling bearings		
ISO/DIS 21250-4	Rolling bearings — Noise testing of rolling bearing greases — Part 4: Test and evaluation method NQ	2019-09-20	
TC 5	Ferrous metal pipes and metallic fittings		
ISO/DIS 8180	Ductile iron pipelines — Polyethylene sleeving for site application	2019-09-20	
	(Revision of ISO 8180:2006)		
ISO/DIS 16134	Earthquake and subsidence-resistant design of ductile iron pipelines	2019-09-09	
	(Revision of ISO 16134:2006)		
ISO/DIS 21051	Construction and installation of ductile iron pipeline system	2019-09-10	
TC 8	Ships and marine technology		
ISO/DIS 23055	Ships and marine technology — Design requirements for international ballast water transfer connection flange	2019-09-10	
ISO/DIS 22152.2	Ships and marine technology — Performance requirements for low bio-persistence alkaline earth silicate wool	2019-08-30	
TC 10	Technical product documentation		
ISO/DIS 128-1	Technical product documentation (TPD) — General principles of representation — Part 1: Introduction and fundamental requirements	2019-08-27	
	(Revision of ISO 128-1:2003)		
ISO/DIS 128-100	Technical product documentation — General principles of representation — Part 100: Index	2019-09-12	
TC 17	Steel		
ISO/DIS 6934-4	Steel for the prestressing of concrete — Part 4: Strand	2019-09-19	
	(Revision of ISO 6934-4:1991, ISO 6934-4:1991/Cor 1:1992, ISO 6934-4:1991/Cor 2:2000)		
TC 20	Aircraft and space vehicles		
ISO/DIS 24638	Space systems — Pressure components and pressure system integration	2019-09-20	
	(Revision of ISO 24638:2008)		
TC 27	Solid mineral fuels		
ISO/DIS 20360	Brown coals and lignites — Determination of the volatile matter in the analysis sample: One furnace method	2019-09-05	
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources		
ISO/DIS 23572	Petroleum products — Lubricating greases — Sampling of greases	2019-09-18	
TC 34	Food products		
ISO/DIS 11036	Sensory analysis — Methodology — Texture profile	2019-09-09	
	(Revision of ISO 11036:1994)		
ISO/DIS 22994	Testing of coffee and coffee products — Determination of dry matter content of soluble coffee — Sea sand method for liquid coffee extracts	2019-08-27	
TC 37	Language and terminology		
ISO/DIS 24617-7	Language resource management — Semantic annotation framework — Part 7: Spatial information	2019-09-12	
	(Revision of ISO 24617-7:2014)		
TC 38	Textiles		
ISO/DIS 20418-3	Textiles — Qualitative and quantitative proteomic analysis of some animal hair fibres — Part 3: Peptide detection using LC-MS without protein reduction	2019-09-10	
TC 43	Acoustics		
ISO/DIS 23351-1	Acoustics — Measurement of speech level reduction of furniture ensembles and enclosures — Part 1: Laboratory method	2019-09-12	
TC 44	Welding and allied processes		
ISO/DIS 17927-1.2	Welding for aerospace applications — Fusion welding of metallic components — Part 1: Process specification	2019-08-14	
TC 45	Rubber and rubber products		
ISO/DIS 1382	Rubber — Vocabulary	2019-08-26	
	(Revision of ISO 1382:2012)		

TC 59	Buildings and civil engineering works		ISO/DIS 12749-1	Nuclear energy — Vocabulary — Part 1: General terminology	2019-09-04
ISO/DIS 7078	Buildings and civil engineering works — Procedures for setting out, measurement and surveying — Vocabulary (Revision of ISO 7078:1985)	2019-09-19	ISO/ASTM DIS 52628	Standard practice for dosimetry in radiation processing	2019-09-04
TC 61	Plastics			(Revision of ISO/ASTM 52628:2013)	
ISO/DIS 844	Rigid cellular plastics — Determination of compression properties (Revision of ISO 844:2014)	2019-09-17	ISO/DIS 11929-4	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Part 4: Guidelines to applications	2019-09-10
ISO/DIS 22636	Adhesives — Adhesives for floor coverings — Requirements for mechanical and electrical performance	2019-09-18	TC 92	Fire safety	
ISO/DIS 26842-1	Adhesives — Test methods for the evaluation and selection of adhesives for indoor wood products — Part 1: Resistance to delamination in non-severe environments (Revision of ISO 26842-1:2013)	2019-09-11	ISO/DIS 23693-1	Determination of the resistance to gas explosions of passive fire protection materials — Part 1: General Requirements	2019-09-12
ISO/DIS 26842-2	Adhesives — Test methods for the evaluation and selection of adhesives for indoor wood products — Part 2: Resistance to delamination in severe environments (Revision of ISO 26842-2:2013)	2019-09-11	TC 106	Dentistry	
ISO/DIS 10119	Carbon fibre — Determination of density (Revision of ISO 10119:2002)	2019-09-06	ISO/DIS 7787-2	Dentistry — Laboratory cutters — Part 2: Carbide laboratory cutters (Revision of ISO 7787-2:2000)	2019-09-06
ISO/DIS 22821	Carbon-fibre-reinforced composites — Determination of fibre wight content — By thermogravimetry (TG)	2019-09-05	ISO/DIS 28399	Dentistry — Products for external tooth bleaching (Revision of ISO 28399:2011)	2019-09-06
ISO/DIS 22836	Carbon fibre-reinforced composites — Method for accelerated moisture absorption and supersaturated conditioning by moisture using sealed pressure vessel	2019-09-10	TC 108	Mechanical vibration, shock and condition monitoring	
ISO/DIS 22838	Composites and reinforcements fibres — Determination of the fracture toughness of bonded plates of carbon fibre reinforced plastics (CFRPs) and metal using double cantilever beam specimens	2019-09-06	ISO/DIS 5348	Mechanical vibration and shock — Mechanical mounting of accelerometers (Revision of ISO 5348:1998)	2019-09-06
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		ISO/DIS 20816-9	Mechanical vibration — Measurement and evaluation of machine vibration — Part 9: Gear units	2019-09-05
ISO/DIS 21857	Petroleum, petrochemical and natural gas industries — Prevention of corrosion on pipeline systems influenced by stray currents	2019-08-29	TC 110	Industrial trucks	
ISO/DIS 27509	Petroleum and natural gas industries — Compact flanged connections with IX seal ring (Revision of ISO 27509:2012, ISO 27509:2012/Cor 1:2013)	2019-09-06	ISO/DIS 21262	Industrial trucks — Safety rules for application, operation and maintenance	2019-09-10
TC 85	Nuclear energy, nuclear technologies, and radiological protection		TC 111	Round steel link chains, chain slings, components and accessories	
			ISO/DIS 2415	Forged shackles for general lifting purposes — Dee shackles and bow shackles (Revision of ISO 2415:2004)	2019-09-19
			TC 121	Anaesthetic and respiratory equipment	
			ISO/DIS 23372	Respiratory therapy equipment — Air entrainment devices	2019-09-06
			TC 131	Fluid power systems	
			ISO/DIS 9110-1	Hydraulic fluid power — Measurement techniques — Part 1: General measurement principles (Revision of ISO 9110-1:1990)	2019-09-09

ISO/DIS 9110-2	Hydraulic fluid power — Measurement techniques — Part 2: Measurement of average steady-state pressure in a closed conduit (Revision of ISO 9110-2:1990)	2019-09-09	TC 159 ISO/DIS 24552	Ergonomics Ergonomics — Accessible design — Accessibility of information presented on visual displays of small consumer products	2019-08-30
TC 138	Plastics pipes, fittings and valves for the transport of fluids		TC 172 ISO/DIS 8624	Optics and photonics Ophthalmic optics — Spectacle frames — Measuring system and terminology	2019-08-29
ISO/DIS 8521	Glass-reinforced thermosetting plastic (GRP) pipes — Test methods for the determination of the initial circumferential tensile wall strength (Revision of ISO 8521:2009)	2019-08-30	ISO/DIS 15004-1	(Revision of ISO 8624:2011, ISO 8624:2011/Amd 1:2015) Ophthalmic instruments — Fundamental requirements and test methods — Part 1: General requirements applicable to all ophthalmic instruments (Revision of ISO 15004-1:2006)	2019-08-30
ISO/DIS 23856	Plastics piping systems for pressure and non-pressure water supply, drainage or sewerage — Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin	2019-09-05	TC 188 ISO/DIS 8848	Small craft Small craft — Remote steering systems	2019-09-20
ISO/DIS 11298-4	Plastics piping systems for renovation of underground water supply networks — Part 4: Lining with cured-in-place pipes	2019-09-04	ISO/DIS 9093	(Revision of ISO 8848:1990) Small craft — Seacocks and through-hull fittings	2019-09-06
TC 146 ISO/DIS 15202-1	Air quality Workplace air — Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry — Part 1: Sampling (Revision of ISO 15202-1:2012)	2019-09-18	TC 198 ISO 11737-1:2018/DAmD 1	Sterilization of health care products Sterilization of health care products — Microbiological methods — Part 1: Determination of a population of microorganisms on products — Amendment 1	2019-08-30
ISO/DIS 15202-2	Workplace air — Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry — Part 2: Sample preparation (Revision of ISO 15202-2:2012)	2019-09-18	ISO/DIS 15883-5	Washer disinfectors — Part 5: Performance requirements and test method criteria for demonstrating cleaning efficacy (Revision of ISO/TS 15883-5:2005)	2019-09-02
TC 147 ISO/DIS 20596-2	Water quality Water quality — Determination of cyclic volatile methylsiloxanes in water — Part 2: Method using liquid-liquid extraction with gas chromatography-mass spectrometry (GC-MS)	2019-09-09	TC 204 ISO/DIS 13185-4	Intelligent transport systems Intelligent transport systems (ITS) — Vehicle interface for provisioning and support of ITS Services — Part 4: Unified vehicle interface protocol (UVIP) conformance test specification	2019-09-18
ISO/DIS 22066	Water quality — Determination of available total cyanide — Method using segmented flow injection, in-line ultraviolet digestion analysis by gas diffusion and amperometric detection	2019-08-28	ISO/DIS 20524-2	Intelligent transport systems — Geographic Data Files (GDF) GDF5.1 — Part 2: Map data used in automated driving systems, Cooperative ITS, and multi-modal transport	2019-08-30
ISO/DIS 5667-1	Water quality — Sampling — Part 1: Guidance on the design of sampling programmes and sampling techniques (Revision of ISO 5667-1:2006)	2019-09-19	ISO/DIS 21202	Intelligent transport systems — Partially automated lane change systems (PALS) — Functional / operational requirements and test procedures	2019-09-17
TC 154 ISO/DIS 22468	Processes, data elements and documents in commerce, industry and administration Value stream management (VSM)	2019-09-17	ISO/DIS 22078	Intelligent transport systems — Bicyclist detection and collision mitigation systems (BDCMS) — Performance requirements and test procedures	2019-09-17
TC 156 ISO/DIS 11463	Corrosion of metals and alloys Corrosion of metals and alloys — Evaluation of pitting corrosion	2019-09-05	TC 206	Fine ceramics	

ISO/DIS 21712	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for flexural bond strength of ceramics	2019-08-27	ISO/DIS 19659-2	Railway applications — Heating, ventilation and air conditioning systems for rolling stock — Part 2: Thermal comfort	2019-09-18
ISO/DIS 21713	Fine ceramics (advanced ceramics, advanced technical ceramics) — Determination of elastic modulus of ceramics at high temperature by thin wall C-ring method	2019-09-06	TC 281 ISO/DIS 21910-1	Fine bubble technology Fine bubble technology — Characterization of microbubbles — Part 1: Off-line evaluation of size index	2019-08-27
TC 213	Dimensional and geometrical product specifications and verification		TC 306 ISO/DIS 23062	Foundry machinery Foundry machinery — Safety requirements for molding and coremaking machinery and associated equipment	2019-08-29
ISO/DIS 2692	Geometrical product specifications (GPS) — Geometrical tolerancing — Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (Revision of ISO 2692:2014)	2019-08-26	IULTCS	International Union of Leather Technologists and Chemists Societies	
ISO/DIS 8062-3	Geometrical product specifications (GPS) — Dimensional and geometrical tolerances for moulded parts — Part 3: General dimensional and geometrical tolerances and machining allowances for castings (Revision of ISO 8062-3:2007, ISO 8062-3:2007/Cor 1:2009)	2019-09-10	ISO/DIS 17131	Leather - Identification of leather with microscopy  (Revision of ISO 17131:2012)	2019-09-06
TC 215	Health informatics		ISO/DIS 27587	Leather — Chemical tests — Determination of the free formaldehyde in process auxiliaries  (Revision of ISO 27587:2009)	2019-09-09
ISO/DIS 17115	Health informatics — Representation of categorial structures of terminology (CatStructure)  (Revision of ISO 17115:2007)	2019-09-18	JTC 1 ISO/IEC DIS 23396	Information technology Systems and software engineering — Capabilities of review tools	2019-09-11
TC 229	Nanotechnologies		ISO/IEC DIS 7816-4	Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange (Revision of ISO/IEC 7816-4:2013, ISO/IEC 7816-4:2013/Cor 1:2014, ISO/IEC 7816-4:2013/Amd 1:2018, ISO/IEC 7816-4:2013/Amd 2:2018)	2019-08-30
ISO/DIS 17200	Nanotechnology — Nanoparticles in powder form — Characteristics and measurements  (Revision of ISO/TS 17200:2013)	2019-09-06	ISO/IEC 10373-6/ DAmd 2	Cards and security devices for personal identification — Test methods — Part 6: Contactless proximity objects — Amendment 2: Enhancements for harmonization	2019-09-05
TC 238	Solid biofuels		ISO/IEC 14443-3:2018/ DAmd 2	Cards and security devices for personal identification — Contactless proximity objects — Part 3: Initialization and anticollision — Amendment 2: Enhancements for harmonization	2019-09-06
ISO/DIS 20049-1	Solid biofuels — Determination of self-heating of pelletized biofuels — Part 1: Isothermal calorimetry	2019-09-06	ISO/IEC 14443-4:2018/ DAmd 2	Cards and security devices for personal identification — Contactless proximity objects — Part 4: Transmission protocol — Amendment 2: Enhancements for harmonization	2019-09-06
TC 241	Road traffic safety management systems		ISO/IEC DIS 20085-2	Information technology — IT Security techniques Test tool requirements and test tool calibration methods for use in testing noninvasive attack mitigation techniques in cryptographic modules — Part 2: Test calibration methods and apparatus	2019-09-17
ISO/DIS 39002	Road traffic safety — Good practices for implementing commuting safety management	2019-08-27	ISO/IEC DIS 27009	Information technology — Security techniques — Sector-specific application of ISO/IEC 27001 — Requirements	2019-09-20
TC 249	Traditional Chinese medicine				
ISO/DIS 22256	Traditional Chinese medicine — Detection of irradiated natural products by photostimulated luminescence	2019-08-26			
ISO/DIS 22258	Traditional Chinese medicine — Determination of pesticide residues in natural products by GC	2019-08-26			
ISO/DIS 22590	Traditional Chinese medicine — Determination of Sulfur Dioxide in natural products by titration	2019-08-26			
TC 269	Railway applications				



ISO/IEC DIS 23003-5	(Revision of ISO/IEC 27009:2016) Information technology — MPEG audio technologies — Part 5: Uncompressed audio in MPEG-4 File Format	2019-09-09	ISO/FDIS 16140-4	Microbiology of the food chain — Method validation — Part 4: Protocol for method validation in a single laboratory	2019-08-09
ISO/IEC DIS 18046-2	Information technology — Radio frequency identification device performance test methods — Part 2: Test methods for inter- rogator performance (Revision of ISO/IEC 18046-2:2011)	2019-09-10	ISO/FDIS 16140-5	Microbiology of the food chain — Method validation — Part 5: Protocol for factorial interlabora- tory validation for non-proprie- tary methods	2019-08-09
			ISO/FDIS 16140-6	Microbiology of the food chain — Method validation — Part 6: Protocol for the validation of alternative (proprietary) methods for microbiological confirmation and typing procedures	2019-08-09
			ISO/FDIS 19036	Microbiology of the food chain — Estimation of measurement uncertainty for quantitative determinations (Revision of ISO/TS 19036:2006, ISO/TS 19036:2006/Amd 1:2009)	2019-08-20
			ISO/FDIS 20588	Animal feeding stuffs — Vocabulary	2019-08-22
			ISO 11136:2014/ FDAmD 1	Sensory analysis — Methodol- ogy — General guidance for conducting hedonic tests with consumers in a controlled area — Amendment 1	2019-08-21
		Vote terminates	ISO/FDIS 16820	Sensory analysis — Methodol- ogy — Sequential analysis  (Revision of ISO 16820:2004)	2019-08-21
TC 8	Ships and marine technology				
ISO/FDIS 21745	Electronic record books for ships — Technical specifications and operational requirements	2019-08-01	TC 37 ISO/FDIS 1087	Language and terminology Terminology work and terminol- ogy science — Vocabulary  (Revision of ISO 1087-1:2000)	2019-08-12
TC 17	Steel				
ISO/FDIS 6935-2	Steel for the reinforcement of concrete — Part 2: Ribbed bars  (Revision of ISO 6935-2:2015)	2019-08-20	TC 38 ISO/FDIS 21701	Textiles Textiles --Test method for ac- celerated hydrolysis of textile materials and biodegradation under controlled compost- ing conditions of the resulting hydrolysate	2019-08-13
TC 23	Tractors and machinery for agriculture and forestry				
ISO/FDIS 24347	Agricultural vehicles — Mechani- cal connections between towed and towing vehicles — Dimen- sions of ball coupling device (80 mm) (Revision of ISO 24347:2005)	2019-08-23	TC 39 ISO/FDIS 16092-2	Machine tools Machine tools safety — Presses — Part 2: Safety requirement for mechanical presses	2019-08-14
TC 27	Solid mineral fuels				
ISO/FDIS 1018	Hard coal — Determination of moisture-holding capacity  (Revision of ISO 1018:1975)	2019-08-22	ISO/FDIS 16092-4	Machine tools safety — Presses — Part 4: Safety requirements for pneumatic presses	2019-08-06
TC 34	Food products				
ISO/FDIS 3631	Citrus fruits — Guidelines for storage  (Revision of ISO 3631:1978)	2019-08-20	TC 43 ISO/FDIS 389-7	Acoustics Acoustics — Reference zero for the calibration of audiometric equipment — Part 7: Reference threshold of hearing under free- field and diffuse-field listening conditions (Revision of ISO 389-7:2005, ISO 389-7:2005/Amd 1:2016)	2019-09-19
ISO/FDIS 11746	Rice — Determination of biomet- ric characteristics of kernels  (Revision of ISO 11746:2012, ISO 11746:2012/Amd 1:2017)	2019-08-13	TC 45	Rubber and rubber products	

ISO/FDIS 2440	Flexible and rigid cellular polymeric materials — Accelerated ageing tests  (Revision of ISO 2440:1997, ISO 2440:1997/Amd 1:2010, ISO 2440:1997/Amd 2:2014)	2019-09-04	ISO/FDIS 28721-1	(Revision of ISO 21968:2005) Vitreous and porcelain enamels — Glass-lined apparatus for process plants — Part 1: Quality requirements for apparatus, components, appliances and accessories (Revision of ISO 28721-1:2008)	2019-08-14
ISO/FDIS 6915	Flexible cellular polymeric materials — Polyurethane foam for laminate use — Specification  (Revision of ISO 6915:1991)	2019-08-06	TC 120 ISO/FDIS 11410	Leather Leather — Guidelines for packaging of wet blue leather	2019-08-13
ISO/FDIS 16010	Elastomeric seals — Material requirements for seals used in pipes and fittings carrying gaseous fuels and hydrocarbon fluids (Revision of ISO 16010:2005)	2019-08-08	TC 121 ISO/FDIS 8836	Anaesthetic and respiratory equipment Suction catheters for use in the respiratory tract	2019-08-22
TC 61 ISO/FDIS 16770	Plastics Plastics — Determination of environmental stress cracking (ESC) of polyethylene — Full-notch creep test (FNCT) (Revision of ISO 16770:2004)	2019-08-13	ISO/FDIS 11197	(Revision of ISO 8836:2014) Medical supply units	2019-08-14
ISO/FDIS 20028-1	Plastics — Thermoplastic polyester (TP) moulding and extrusion materials — Part 1: Designation system and basis for specification (Revision of ISO 20028-1:2017)	2019-08-15	TC 126 ISO/FDIS 22947	(Revision of ISO 11197:2016) Tobacco and tobacco products Cigarettes — Determination of carbon monoxide in the vapour phase of cigarette smoke with an intense smoking regime — NDIR method	2019-08-22
ISO/FDIS 22404	Plastics — Determination of the aerobic biodegradation of non-floating materials exposed to marine sediment — Method by analysis of evolved carbon dioxide	2019-08-14	TC 127 ISO/FDIS 6750-1	Earth-moving machinery Earth-moving machinery — Operator's manual — Part 1: Contents and format	2019-08-22
TC 67 ISO/FDIS 15590-4	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries Petroleum and natural gas industries — Induction bends, fittings and flanges for pipeline transportation systems — Part 4: Factory cold bends	2019-08-09	TC 131 ISO/FDIS 5598	(Revision of ISO 6750:2005) Fluid power systems Fluid power systems and components — Vocabulary	2019-07-29
TC 71 ISO/FDIS 13315-6	Concrete, reinforced concrete and pre-stressed concrete Environmental management for concrete and concrete structures — Part 6: Use of concrete structures	2019-08-15	ISO/FDIS 4411.2	(Revision of ISO 5598:2008) Hydraulic fluid power — Valves — Determination of differential pressure/flow rate characteristics	2019-08-23
TC 85 ISO/FDIS 16638-2	Nuclear energy, nuclear technologies, and radiological protection Radiological protection — Monitoring and internal dosimetry for specific materials — Part 2: Ingestion of uranium compounds	2019-08-05	TC 146 ISO/FDIS 13794	(Revision of ISO 4411:2008) Air quality Ambient air — Determination of asbestos fibres — Indirect-transfer transmission electron microscopy method (Revision of ISO 13794:1999)	2019-08-23
TC 94 ISO/FDIS 21420.2	Personal safety -- Personal protective equipment Protective gloves — General requirements and test methods	2019-08-23	TC 147 ISO/FDIS 22125-1	Water quality Water quality — Technetium-99 — Part 1: Test method using liquid scintillation counting	2019-08-07
TC 107 ISO/FDIS 21968	Metallic and other inorganic coatings Non-magnetic metallic coatings on metallic and non-metallic basis materials — Measurement of coating thickness — Phase-sensitive eddy-current method	2019-08-14	ISO/FDIS 17995	Water quality — Technetium-99 — Part 2: Test method using inductively coupled plasma mass spectrometry (ICP-MS) Water quality — Detection and enumeration of thermotolerant <i>Campylobacter</i> spp	2019-08-07 2019-08-23
			TC 158	Analysis of gases	

ISO/FDIS 6145-1	Gas analysis — Preparation of calibration gas mixtures using dynamic methods — Part 1: General aspects (Revision of ISO 6145-1:2003)	2019-07-31	ISO/FDIS 20186-3	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for venous whole blood — Part 3: Isolated circulating cell free DNA from plasma	2019-08-13
TC 184	Automation systems and integration		TC 238	Solid biofuels	
ISO/FDIS 15704	Enterprise modelling and architecture — Requirements for enterprise-reference architectures and methodologies (Revision of ISO 15704:2000, ISO 15704:2000/Amd 1:2005)	2019-07-31	ISO 14780:2017/ FDAmD 1	Solid biofuels — Sample preparation — Amendment 1	2019-08-14
TC 188	Small craft		TC 261	Additive manufacturing	
ISO/FDIS 14945	Small craft — Builder's plate  (Revision of ISO 14945:2004)	2019-08-13	ISO/ASTM FDIS 52911-2	Additive manufacturing — Design — Part 2: Laser-based powder bed fusion of polymers	2019-08-07
ISO/FDIS 14946	Small craft — Maximum load capacity  (Revision of ISO 14946:2001)	2019-08-13	TC 276	Biotechnology	
TC 190	Soil quality		ISO/FDIS 20391-2	Biotechnology — Cell counting — Part 2: Experimental design and statistical analysis to quantify counting method performance	2019-07-29
ISO 28258:2013/ FDAmD 1	Soil quality — Digital exchange of soil-related data — Amendment 1	2019-08-22	JTC 1	Information technology	
ISO/FDIS 11274	Soil quality — Determination of the water-retention characteristic — Laboratory methods  (Revision of ISO 11274:1998, ISO 11274:1998/Cor 1:2009)	2019-08-07	ISO/IEC/ IEEE FDIS 8802-1AR	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1AR: Secure device identity (Revision of ISO/IEC/IEEE 8802-1AR:2014)	2019-11-14
ISO/FDIS 21268-1	Soil quality — Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials — Part 1: Batch test using a liquid to solid ratio of 2 l/kg dry matter (Revision of ISO/TS 21268-1:2007)	2019-07-31	ISO/IEC/IEEE FDIS 16326	Systems and software engineering — Life cycle processes — Project management  (Revision of ISO/IEC/IEEE 16326:2009)	2019-08-12
ISO/FDIS 21268-2	Soil quality — Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials — Part 2: Batch test using a liquid to solid ratio of 10 l/kg dry matter (Revision of ISO/TS 21268-2:2007)	2019-07-31	ISO/IEC FDIS 19774-1	Information technology — Computer graphics, image processing and environmental data representation — Part 1: Humanoid animation (H-Anim) architecture (Revision of ISO/IEC 19774:2006)	2019-08-07
ISO/FDIS 21268-3	Soil quality — Leaching procedures for subsequent chemical and ecotoxicological testing of soil and soil-like materials — Part 3: Up-flow percolation test (Revision of ISO/TS 21268-3:2007)	2019-07-31	ISO/IEC FDIS 19774-2	Information technology — Computer graphics and image processing — Humanoid Animation (H-Anim) — Part 2: Motion capture (Revision of ISO/IEC 19774:2006)	2019-08-07
TC 206	Fine ceramics		ISO/IEC 11770-4:2017/ FDAmD 1	Information technology — Security techniques — Key management — Part 4: Mechanisms based on weak secrets — Amendment 1: Unbalanced Password-Authenticated Key Agreement with Identity-Based Cryptosystems (UPAKA-IBC)	2019-08-01
ISO/FDIS 22601	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for determination of phenol oxidative decomposition performance of semiconducting photocatalytic materials by total organic carbon analysis	2019-08-12	ISO/IEC FDIS 29192-6	IT Security techniques — Lightweight cryptography — Part 6: Message authentication codes (MACs)	2019-08-14
TC 212	Clinical laboratory testing and in vitro diagnostic test systems		ISO/IEC FDIS 21122-3	Information technology — JPEG XS low-latency lightweight image coding system — Part 3: Transport and container formats	2019-08-02

ISO/IEC 23001-7:2016/ FDAmD 1		Information technology — MPEG systems technologies — Part 7: Common encryption in ISO base media file format files — Amendment 1: AES-CBC-128 and key rotation	2019-08-13	ISO 20083-2:2019	en	Ships and marine technology — Determination of the shaft power of ship propulsion systems by measuring the shaft distortion — Part 2: Optical reflection method	B
ISO/IEC FDIS 23092-2		Information technology — Genomic information representation — Part 2: Coding of genomic information	2019-08-22	ISO 20083-3:2019	en	Ships and marine technology — Determination of the shaft power of ship propulsion systems by measuring the shaft distortion — Part 3: Elastic vibration method	B
ISO/IEC FDIS 23093-2		Information technology — Internet of media things — Part 2: Discovery and communication API	2019-08-12	ISO 19037:2019	en	Ships and marine technology — Gate valves for use in low temperature applications — Design and testing requirements	C
				ISO 21125:2019	en	Ships and marine technology — Marine cranes — Manufacturing requirements	B
				ISO 21131:2019	en	Ships and marine technology — Marine cranes — Noise limits and measuring method	A
				ISO 11336-3:2019	en	Large yachts — Strength, weathertightness and watertightness of glazed openings — Part 3: Quality assurance, installation and in-service inspection	E

## Standards published

New International Standards published between 01 June and 30 June 2019

<sup>1</sup> delayed publication of language version

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

Price  
group

CIE		International Commission on Illumination		TC 10		Technical product documentation	
ISO/CIE 11664-1:2019	en fr	Colorimetry — Part 1: CIE standard colorimetric observers	E	IEC 81346-2:2019		Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 2: Classification of objects and codes for classes	H
ISO/CIE 11664-3:2019	en fr	Colorimetry — Part 3: CIE tristimulus values	B	TC 23		Tractors and machinery for agriculture and forestry	
ISO/CIE 11664-4:2019	en fr	Colorimetry — Part 4: CIE 1976 L*a*b* colour space	B	ISO 15886-4:2019	en	Irrigation equipment — Irrigation sprinklers — Part 4: Test methods for durability	B
TC 2		Fasteners		ISO 11783-5:2019	en fr	Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 5: Network management	E
ISO 7053:2019	en fr	Fasteners — Hexagon washer head tapping screws	A	TC 25		Cast irons and pig irons	
ISO 15480:2019	en fr	Fasteners — Hexagon washer head drilling screws with tapping screw thread	A	ISO 945-1:2019	en fr	Microstructure of cast irons — Part 1: Graphite classification by visual analysis	E
TC 6		Paper, board and pulps		TC 27		Solid mineral fuels	
ISO 2144:2019	en fr	Paper, board, pulps and cellulose nanomaterials — Determination of residue (ash content) on ignition at 900 °C	B	ISO 8858-1:2019	en	Hard coal — Froth flotation testing — Part 1: Laboratory procedure	C
TC 8		Ships and marine technology		ISO 10086-1:2019	en	Coal — Methods for evaluating flocculants for use in coal preparation — Part 1: Basic parameters	B
ISO 19897:2019	en	Ships and marine technology — Marine evacuation systems — Testing under conditions of icing	A	ISO 10752:2019	en	Coal sizing equipment — Performance evaluation	F
				ISO 10753:2019	en	Coal preparation plant — Assessment of the liability to breakdown in water of materials associated with coal seams	C
				ISO 11724:2019	en	Solid mineral fuels — Determination of total fluorine in coal, coke and fly ash	B
				TC 35		Paints and varnishes	

ISO 1518-1:2019	en fr	Paints and varnishes — Determination of scratch resistance — Part 1: Constant-loading method	B	ISO 14245:2019	en fr	Gas cylinders — Specifications and testing of LPG cylinder valves — Self-closing	D
ISO 1518-2:2019	en fr	Paints and varnishes — Determination of scratch resistance — Part 2: Variable-loading method	B	ISO 14456:2015/ Amd 1:2019	en fr	Gas cylinders — Gas properties and associated classification (FTSC) codes — Amendment 1	XZ
ISO 2431:2019	en fr	Paints and varnishes — Determination of flow time by use of flow cups	C	ISO 15995:2019	en fr	Gas cylinders — Specifications and testing of LPG cylinder valves — Manually operated	D
ISO 22516:2019	en	Paints and varnishes — Practical determination of non-volatile and volatile matter content during application	B	ISO 11513:2019	en	Gas cylinders — Refillable welded steel cylinders containing materials for sub-atmospheric gas packaging (excluding acetylene) — Design, construction, testing, use and periodic inspection	D
ISO 23321:2019	en	Solvents for paints and varnishes — Demineralized water for industrial applications — Specification and test methods	A	ISO/TS 17519:2019	en	Gas cylinders — Refillable permanently mounted composite tubes for transportation	G
TC 37		Language and terminology					
ISO 24613-1:2019	en	Language resource management — Lexical markup framework (LMF) — Part 1: Core model	C	ISO 10462:2013/ Amd 1:2019	en	Gas cylinders — Acetylene cylinders — Periodic inspection and maintenance — Amendment 1	XZ
TC 38		Textiles					
ISO 1833-28:2019	en fr	Textiles — Quantitative chemical analysis — Part 28: Mixtures of chitosan with certain other fibres (method using diluted acetic acid)	A	TC 61	Plastics		
ISO 18184:2019	en fr	Textiles — Determination of antiviral activity of textile products	F	ISO 13468-1:2019	en fr	Plastics — Determination of the total luminous transmittance of transparent materials — Part 1: Single-beam instrument	B
ISO 21326:2019	en	Textiles — Test methods for determining the efficiency of products against house dust mite	E	ISO 9113:2019	en	Plastics — Polypropylene (PP) and propylene-copolymer thermoplastics — Determination of isotactic index	A
TC 39		Machine tools		ISO 11343:2019	en fr	Adhesives — Determination of dynamic resistance to cleavage of high-strength adhesive bonds under impact wedge conditions — Wedge impact method	B
ISO 6480:2019	en fr	Test conditions for horizontal internal type broaching machines — Testing of accuracy	C	TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
ISO 6481:2019	en fr	Test conditions for vertical surface type broaching machines — Testing of accuracy	C	ISO 19900:2019	en	Petroleum and natural gas industries — General requirements for offshore structures	G
ISO 19085-7:2019	en fr	Woodworking machines — Safety — Part 7: Surface planing, thickness planing, combined surface/thickness planing machines	F	TC 79		Light metals and their alloys	
TC 42		Photography		ISO 10049:2019	en	Aluminium alloy castings — Visual method for assessing porosity	A
ISO 15781:2019	en	Photography — Digital still cameras — Measuring shooting time lag, shutter release time lag, shooting rate, and start-up time lag	F	TC 85		Nuclear energy, nuclear technologies, and radiological protection	
TC 45		Rubber and rubber products		ISO 20042:2019	en	Measurement of radioactivity — Gamma-ray emitting radionuclides — Generic test method using gamma-ray spectrometry	F
ISO 2951:2019	en	Rubber, vulcanized rubber — Determination of insulation resistance	B	ISO 28057:2019	en fr	Clinical dosimetry — Dosimetry with solid thermoluminescence detectors for photon and electron radiations in radiotherapy	F
TC 46		Information and documentation		ISO 18256-1:2019	fr <sup>1</sup>	Nuclear fuel technology — Dissolution of plutonium dioxide-containing materials — Part 1: Dissolution of plutonium dioxide powders	B
ISO 15511:2019	en	Information and documentation — International standard identifier for libraries and related organizations (ISIL)	B	TC 86		Refrigeration and air-conditioning	
TC 58		Gas cylinders					

ISO 19967-2:2019	en	Heat pump water heaters — Testing and rating for performance — Part 2: Heat pump water heaters for space heating	D	ISO 9241-220:2019	fr <sup>1</sup>	Ergonomics of human-system interaction — Part 220: Processes for enabling, executing and assessing human-centred design within organizations	H	
TC 92		Fire safety		ISO 24508:2019		fr <sup>1</sup>	Ergonomics — Accessible design — Guidelines for designing tactile symbols and characters	C
ISO 834-2:2019	en	Fire-resistance tests — Elements of building construction — Part 2: Requirements and recommendations for measuring furnace exposure on test samples	C	TC 161		Controls and protective devices for gas and/or oil		
ISO 24678-7:2019	en <sup>2</sup> fr <sup>2</sup>	Fire safety engineering — Requirements governing algebraic formulae — Part 7: Radiation heat flux received from an open pool fire	F	ISO 23551-8:2016/Amd 1:2019	en	Safety and control devices for gas burners and gas-burning appliances — Particular requirements — Part 8: Multifunctional controls — Amendment 1: Overheating safety devices	XZ	
TC 106		Dentistry		TC 163		Thermal performance and energy use in the built environment		
ISO 27020:2019	en fr	Dentistry — Brackets and tubes for use in orthodontics	B	ISO 16535:2019	en fr	Thermal insulating products for building applications — Determination of long-term water absorption by immersion	B	
IEC 80601-2-60:2019		Medical electrical equipment — Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment	F	ISO 29767:2019	en fr	Thermal insulating products for building applications — Determination of short-term water absorption by partial immersion	B	
TC 110		Industrial trucks		TC 165		Timber structures		
ISO/TS 3691-8:2019	en	Industrial trucks — Safety requirements and verification — Part 8: Regional requirements for countries outside the European Community	B	ISO/TR 19623:2019	en	Timber structures — Glued laminated timber — Assignment of glued laminated timber characteristic values from laminate properties	E	
TC 111		Round steel link chains, chain slings, components and accessories		TC 172		Optics and photonics		
ISO 4778:2019	en	Round steel short link chains for lifting purposes — Chain slings of welded construction — Grade 8	D	ISO 14880-1:2019	en fr	Optics and photonics — Microlens arrays — Part 1: Vocabulary	A	
TC 121		Anaesthetic and respiratory equipment		TC 173		Assistive products		
ISO 80601-2-74:2017	fr <sup>2</sup>	Medical electrical equipment — Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment	H	ISO 20342-1:2019	en fr	Assistive products for tissue integrity when lying down — Part 1: General requirements	F	
TC 126		Tobacco and tobacco products		TC 184		Automation systems and integration		
ISO 9512:2019	en fr	Cigarettes — Determination of ventilation — Definitions and measurement principles	D	ISO/TS 18101-1:2019	en	Automation systems and integration — Oil and gas interoperability — Part 1: Overview and fundamental principles	D	
TC 134		Fertilizers, soil conditioners and beneficial substances		TC 190		Soil quality		
ISO 14820-1:2016	fr <sup>1</sup>	Fertilizers and liming materials — Sampling and sample preparation — Part 1: Sampling	F	ISO 20951:2019	en fr	Soil Quality — Guidance on methods for measuring greenhouse gases (CO <sub>2</sub> , N <sub>2</sub> O, CH <sub>4</sub> ) and ammonia (NH <sub>3</sub> ) fluxes between soils and the atmosphere	F	
ISO 14820-2:2016	fr <sup>1</sup>	Fertilizers and liming materials — Sampling and sample preparation — Part 2: Sample preparation	B	ISO 21479:2019	en fr	Soil quality — Determination of the effects of pollutants on soil flora — Leaf fatty acid composition of plants used to assess soil quality	D	
TC 150		Implants for surgery		ISO 15176:2019		Guidance on characterization of excavated soil and other materials intended for re-use		
ISO 16054:2019	en fr	Implants for surgery — Minimum data sets for surgical implants	A	TC 199		Safety of machinery		
TC 158		Analysis of gases		ISO 20607:2019	en fr	Safety of machinery — Instruction handbook — General drafting principles	D	
ISO 21087:2019	en fr	Gas analysis — Analytical methods for hydrogen fuel — Proton exchange membrane (PEM) fuel cell applications for road vehicles	C	TC 204		Intelligent transport systems		
TC 159		Ergonomics						

ISO 14816:2005	fr <sup>1</sup>	Road transport and traffic telematics — Automatic vehicle and equipment identification — Numbering and data structure	E	ISO 20421-1:2019	en	Cryogenic vessels — Large transportable vacuum-insulated vessels — Part 1: Design, fabrication, inspection and testing	H
ISO 14816:2005/Amd 1:2019	fr <sup>1</sup>	Road transport and traffic telematics — Automatic vehicle and equipment identification — Numbering and data structure — Amendment 1	XZ	TC 224		Service activities relating to drinking water supply, wastewater and stormwater systems	
ISO 17423:2018	fr <sup>1</sup>	Intelligent transport systems — Cooperative systems — Application requirements and objectives	E	ISO 24513:2019	fr <sup>1</sup>	Service activities relating to drinking water supply, wastewater and stormwater systems — Vocabulary	A
TC 206		Fine ceramics		ISO 24521:2016	fr <sup>1</sup>	Activities relating to drinking water and wastewater services — Guidelines for the management of basic on-site domestic wastewater services	G
ISO 21859:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for plasma resistance of ceramic components in semiconductor manufacturing equipment	A	ISO/TR 24524:2019	fr <sup>1</sup>	Service activities relating to drinking water supply, wastewater and stormwater systems — Hydraulic, mechanical and environmental conditions in wastewater transport systems	B
TC 207		Environmental management		TC 229		Nanotechnologies	
ISO 14090:2019	en fr	Adaptation to climate change — Principles, requirements and guidelines	E	ISO/TS 19807-1:2019	en	Nanotechnologies — Magnetic nanomaterials — Part 1: Specification of characteristics and measurements for magnetic nanosuspensions	C
TC 212		Clinical laboratory testing and in vitro diagnostic test systems		ISO/TS 20660:2019	en	Nanotechnologies — Antibacterial silver nanoparticles — Specification of characteristics and measurement methods	C
ISO 20776-1:2019	en fr	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	D	TC 256		Pigments, dyestuffs and extenders	
ISO 20916:2019	en fr	In vitro diagnostic medical devices — Clinical performance studies using specimens from human subjects — Good study practice	G	ISO 18473-3:2018	fr <sup>1</sup>	Functional pigments and extenders for special application — Part 3: Fumed silica for silicone rubber application	A
TC 215		Health informatics		TC 262		Risk management	
ISO 13606-1:2019	en fr	Health informatics — Electronic health record communication — Part 1: Reference model	G	IEC 31010:2019		Risk management — Risk assessment techniques	H
ISO 13606-2:2019	en fr	Health informatics — Electronic health record communication — Part 2: Archetype interchange specification	G	IULTCS		International Union of Leather Technologists and Chemists Societies	
ISO 13606-3:2019	en fr	Health informatics — Electronic health record communication — Part 3: Reference archetypes and term lists	H	ISO 18218-2:2019	en fr	Leather — Determination of ethoxylated alkylphenols — Part 2: Indirect method	C
ISO 13606-4:2019	en fr	Health informatics — Electronic health record communication — Part 4: Security	D	ISO 23910:2019	en fr	Leather — Physical and mechanical tests — Measurement of stitch tear resistance	A
ISO 13606-5:2019	en fr	Health informatics — Electronic health record communication — Part 5: Interface specification	B	JTC 1		Information technology	
ISO/TS 21564:2019	en	Health Informatics — Terminology resource map quality measures (MapQual)	D	ISO/IEC 10646:2017/Amd 2:2019	en	Information technology — Universal Coded Character Set (UCS) — Amendment 2: Nandinagari, Georgian extension, and other characters	H
TC 219		Floor coverings		ISO/IEC 14543-5-101:2019	en	Information technology — Home electronic systems (HES) architecture — Part 5-101: Intelligent grouping and resource sharing remote AV access profile	D
ISO 13746:2019	en	Textile floor coverings — Guidelines for installation and use on stairs	B	ISO/IEC 9798-2:2019	en	IT Security techniques — Entity authentication — Part 2: Mechanisms using authenticated encryption	C
TC 220		Cryogenic vessels					

ISO/IEC 14496-5:2001/ Amd 40:2019	en	Information technology — Coding of audio-visual objects — Part 5: Reference software — Amendment 40: Printing material and 3D graphics coding for browsers reference software	XZ	ISO 11748-3:2002 ISO 13207-1:2012 ISO 15763:2002 ISO 3469:1989 ISO 9619:1992	(reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
ISO/IEC 21122-2:2019	en	Information technology — JPEG XS low-latency lightweight image coding system — Part 2: Profiles and buffer models	F	TC 23	Tractors and machinery for agriculture and forestry
ISO/IEC 23000-22:2019	en	Information technology — Multimedia application format (MPEG-A) — Part 22: Multi-image application format (MIAF)	E	ISO 500-1:2014 ISO 500-3:2014 ISO 5395-1:2013 ISO 5395-2:2013 ISO 5395-3:2013	
ISO/IEC 29167-19:2019	en	Information technology — Automatic identification and data capture techniques — Part 19: Crypto suite RAMON security services for air interface communications	G	TC 24	Particle characterization including sieving
ISO/IEC 9075-15:2019	en	Information technology database languages — SQL — Part 15: Multi-dimensional arrays (SQL/MDA)	H	ISO 12154:2014	
ISO/IEC 2382-36:2019		Information technology — Vocabulary — Part 36: Learning, education and training	A	TC 29	Small tools
ISO/IEC TS 24751-4:2019	en	Information technology for learning, education and training — Access-ForAll framework for individualized accessibility — Part 4: Registry server API	C	ISO/TS 13399-150:2008 ISO/TS 13399-204:2016 ISO/TS 13399-303:2016 ISO/TS 13399-304:2016 ISO/TS 13399-307:2016 ISO/TS 13399-308:2016 ISO/TS 13399-309:2016 ISO/TS 13399-311:2016 ISO/TS 13399-312:2016 ISO/TS 13399-401:2016 ISO/TS 13399-405:2016	(reconfirmed)
				ISO 8020:2002 ISO 8977:2003 ISO 10072:2004 ISO 11900-3:2004 ISO 11901-3:2014 ISO 11901-4:2014 ISO 522:1975 ISO 2351-3:2014 ISO 2380-2:2004 ISO 8764-2:2004	(reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
				TC 33	Refractories
				ISO 16835:2014	
				TC 34	Food products
				ISO 14244:2014 ISO 16649-2:2001	(reconfirmed)
				TC 35	Paints and varnishes
				ISO 16925:2014 ISO 16927:2014	
				TC 38	Textiles
				ISO 920:1976 ISO 1973:1995	(reconfirmed) (reconfirmed)

## Standards confirmed

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

TC 4	Rolling bearings
ISO 3228:2013	
TC 5	Ferrous metal pipes and metallic fittings
ISO 3545-3:1989	(reconfirmed)
TC 6	Paper, board and pulps
ISO 535:2014	
ISO 12625-3:2014	
TC 8	Ships and marine technology
ISO 4143:1981	(reconfirmed)
ISO 19292:2014	
ISO 24409-3:2014	
TC 20	Aircraft and space vehicles
ISO 14624-4:2003	(reconfirmed)
ISO 16127:2014	
TC 22	Road vehicles
ISO 6722-2:2013	
ISO 8092-1:1996	(reconfirmed)
ISO 10599-2:1997	(reconfirmed)
ISO 11446-1:2012	



ISO 2060:1994	(reconfirmed)	ISO 17403:2014	
ISO 2646:1974	(reconfirmed)	ISO 21171:2006	(reconfirmed)
ISO 2916:1975	(reconfirmed)	ISO 21869:2006	(reconfirmed)
ISO 3073:1975	(reconfirmed)	ISO 5979:1982	(reconfirmed)
ISO 4912:1981	(reconfirmed)	TC 61	Plastics
ISO 4913:1981	(reconfirmed)	ISO 17221:2014	
ISO 16549:2004	(reconfirmed)	ISO 17223:2014	
TC 41	Pulleys and belts (including veebelts)	ISO 22007-6:2014	
ISO 1813:2014		ISO/TS 19022:2016	
ISO 11749:2014		ISO 1068:1975	(reconfirmed)
ISO 282:1992	(reconfirmed)	ISO 1269:2006	(reconfirmed)
ISO 5293:2004	(reconfirmed)	ISO 1628-5:1998	(reconfirmed)
TC 42	Photography	ISO 1875:1982	(reconfirmed)
ISO 18938:2014		ISO 12000:2014	
ISO 18943:2014		ISO 13000-1:2005	(reconfirmed)
ISO/TS 19567-1:2016		ISO 13000-2:2005	(reconfirmed)
ISO/TS 20328:2016		ISO 16365-1:2014	
TC 44	Welding and allied processes	ISO 16365-2:2014	
ISO/TS 18166:2016		ISO 16365-3:2014	
ISO 2560:2009	(reconfirmed)	ISO 17855-1:2014	
ISO 14341:2010	(reconfirmed)	ISO 19065-1:2014	
ISO 15792-1:2000	(reconfirmed)	ISO 19066-1:2014	
ISO 15792-2:2000	(reconfirmed)	ISO 22498:2005	(reconfirmed)
ISO 18274:2010	(reconfirmed)	TC 68	Financial services
ISO 24034:2010	(reconfirmed)	ISO 20022-1:2013	
ISO 15614-10:2005	(reconfirmed)	ISO 20022-2:2013	
ISO 15616-4:2008	(reconfirmed)	ISO 20022-3:2013	
ISO 17652-1:2003	(reconfirmed)	ISO 20022-4:2013	
ISO 17652-2:2003	(reconfirmed)	ISO 20022-5:2013	
ISO 17652-3:2003	(reconfirmed)	ISO 20022-6:2013	
ISO 17652-4:2003	(reconfirmed)	ISO 20022-7:2013	
ISO 9606-2:2004	(reconfirmed)	ISO 20022-8:2013	
TC 45	Rubber and rubber products	ISO 22307:2008	(reconfirmed)
ISO 4664-2:2006	(reconfirmed)	TC 69	Applications of statistical methods
ISO 7323:2006	(reconfirmed)	ISO 7870-5:2014	
ISO 18766:2014		ISO 22514-1:2014	
ISO 19003:2006	(reconfirmed)	ISO 2859-3:2005	(reconfirmed)
ISO 124:2014		ISO 2859-5:2005	(reconfirmed)
ISO 2005:2014		ISO 11648-1:2003	(reconfirmed)
ISO 2006-1:2009	(reconfirmed)	ISO/TS 17503:2015	
ISO 2006-2:2009	(reconfirmed)	ISO/TS 21749:2005	(reconfirmed)
ISO 2302:2014		TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO 2322:2014		ISO 1920-1:2004	(reconfirmed)
ISO 2393:2014		TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use
ISO 2476:2014		ISO 15759:2005	(reconfirmed)
ISO 4097:2014		TC 85	Nuclear energy, nuclear technologies, and radiological protection
ISO 4659:2014		ISO 3999:2004	(reconfirmed)
ISO 5794-2:2014		ISO 8194:1987	(reconfirmed)
ISO 6209:2009	(reconfirmed)	ISO 9271:1992	(reconfirmed)
ISO 6225-1:2006	(reconfirmed)	ISO 17873:2004	(reconfirmed)
ISO 7663:2014			
ISO/TS 16097:2013	(reconfirmed)		

ISO 7097-1:2004	(reconfirmed)	TC 154	Processes, data elements and documents in commerce, industry and administration
ISO 8425:2013		ISO 9735:1988	(reconfirmed)
ISO 11599:1997	(reconfirmed)	ISO 9735-1:2002	(reconfirmed)
ISO 12803:1997	(reconfirmed)	ISO 9735-2:2002	(reconfirmed)
ISO 15647:2004	(reconfirmed)	ISO 9735-3:2002	(reconfirmed)
TC 92	Fire safety	ISO 9735-4:2002	(reconfirmed)
ISO 13784-1:2014		ISO 9735-5:2002	(reconfirmed)
TC 94	Personal safety -- Personal protective equipment	ISO 9735-6:2002	(reconfirmed)
ISO 5423:1992	(reconfirmed)	ISO 9735-7:2002	(reconfirmed)
TC 96	Cranes	ISO 9735-8:2002	(reconfirmed)
ISO 4305:2014		ISO 9735-9:2002	(reconfirmed)
ISO 10245-2:2014		TC 156	Corrosion of metals and alloys
ISO 4304:1987	(reconfirmed)	ISO 7539-7:2005	(reconfirmed)
TC 108	Mechanical vibration, shock and condition monitoring	ISO 7539-9:2003	(reconfirmed)
ISO 14835-2:2005	(reconfirmed)	ISO 9591:2004	(reconfirmed)
TC 122	Packaging	ISO 15158:2014	
ISO 6590-2:1986	(reconfirmed)	ISO 17864:2005	(reconfirmed)
ISO 11683:1997	(reconfirmed)	TC 164	Mechanical testing of metals
ISO/TS 19709-2:2016		ISO 4516:2002	(reconfirmed)
TC 127	Earth-moving machinery	ISO 6506-1:2014	
ISO 10533:1993	(reconfirmed)	ISO 6506-3:2014	
TC 130	Graphic technology	ISO 6506-4:2014	
ISO 15397:2014		TC 171	Document management applications
TC 131	Fluid power systems	ISO 12653-3:2014	
ISO 19973-4:2014		TC 172	Optics and photonics
TC 138	Plastics pipes, fittings and valves for the transport of fluids	ISO 8037-2:1997	(reconfirmed)
ISO 13966:1998	(reconfirmed)	ISO 8039:2014	
ISO 7686:2005	(reconfirmed)	ISO 11884-2:2007	(reconfirmed)
ISO 9311-1:2005	(reconfirmed)	ISO 15362:2014	
ISO 9311-3:2005	(reconfirmed)	TC 182	Geotechnics
ISO 11673:2005	(reconfirmed)	ISO 22476-3:2005	(reconfirmed)
ISO 13760:1998	(reconfirmed)	TC 184	Automation systems and integration
ISO 13957:1997	(reconfirmed)	ISO/TS 15926-11:2015	
ISO/TS 16479:2012	(reconfirmed)	TC 193	Natural gas
ISO 16871:2003	(reconfirmed)	ISO 6327:1981	(reconfirmed)
ISO 18672-1:2009	(reconfirmed)	ISO 6570:2001	(reconfirmed)
TC 146	Air quality	ISO 18453:2004	(reconfirmed)
ISO 16000-1:2004	(reconfirmed)	ISO 19739:2004	(reconfirmed)
ISO 16000-2:2004	(reconfirmed)	TC 202	Microbeam analysis
ISO 16017-2:2003	(reconfirmed)	ISO 17470:2014	
TC 147	Water quality	TC 206	Fine ceramics
ISO 13163:2013		ISO 17161:2014	
TC 149	Cycles	ISO 17162:2014	
ISO 10230:1990	(reconfirmed)	ISO 17172:2014	
TC 153	Valves	TC 211	Geographic information/Geomatics
ISO 6552:1980	(reconfirmed)	ISO 19115-1:2014	
ISO 6554:1980	(reconfirmed)	ISO/TR 19121:2000	
ISO 6704:1982	(reconfirmed)	ISO/TS 19129:2009	(reconfirmed)
ISO 6948:1981	(reconfirmed)	ISO/TS 19163-1:2016	
ISO 7841:1988	(reconfirmed)	TC 212	Clinical laboratory testing and in vitro diagnostic test systems
ISO 7842:1988	(reconfirmed)		

ISO 18153:2003	(reconfirmed)
TC 213	Dimensional and geometrical product specifications and verification
ISO 5436-1:2000	(reconfirmed)
ISO 10360-8:2013	
ISO 10360-9:2013	
ISO/TS 14253-4:2010	(reconfirmed)
ISO 25178-70:2014	
TC 215	Health informatics
ISO/IEEE 11073-10418:2014	
ISO 21549-2:2014	
ISO 21549-3:2014	
ISO 21549-4:2014	
TC 216	Footwear
ISO 17693:2004	(reconfirmed)
ISO 17695:2004	(reconfirmed)
ISO 17696:2004	(reconfirmed)
ISO 17699:2003	(reconfirmed)
ISO 17704:2004	(reconfirmed)
ISO 17707:2005	(reconfirmed)
ISO 19952:2005	(reconfirmed)
ISO 20868:2001	(reconfirmed)
TC 228	Tourism and related services
ISO 14785:2014	
ISO 21103:2014	
ISO 24801-1:2014	
ISO 24801-2:2014	
ISO 24801-3:2014	
ISO 24802-1:2014	
ISO 24802-2:2014	
TC 229	Nanotechnologies
ISO/TS 19337:2016	
ISO/TS 80004-12:2016	
TC 249	Traditional Chinese medicine
ISO 17218:2014	
TC 256	Pigments, dyestuffs and extenders
ISO 787-1:1982	(reconfirmed)
ISO 787-2:1981	(reconfirmed)
ISO 787-4:1981	(reconfirmed)
ISO 787-10:1993	(reconfirmed)
ISO 787-11:1981	(reconfirmed)
ISO 787-18:1983	(reconfirmed)
ISO 787-19:1974	(reconfirmed)
TC 299	Robotics
ISO/TS 15066:2016	
TMBG	Technical Management Board - groups
ISO 10393:2013	
JTC 1	Information technology
ISO/IEC 25012:2008	(reconfirmed)
ISO/IEC 25063:2014	

ISO/IEC 20008-1:2013	
ISO/IEC 20009-1:2013	
ISO/IEC 20009-2:2013	
ISO/IEC 27001:2013	
ISO/IEC 27033-5:2013	
ISO/IEC 27036-3:2013	
ISO/IEC 19757-2:2008	(reconfirmed)
ISO/IEC 19757-8:2008	(reconfirmed)

## Standards withdrawn

Period from 01 June to 30 June 2019

TC 8	Ships and marine technology
ISO/TR 14564:1995	(replaced by )
TC 39	Machine tools
ISO 7948:1987	(replaced by )
ISO 7957:1987	(replaced by )
ISO 7958:1987	(replaced by )
ISO 7959:1987	(replaced by )
TC 92	Fire safety
ISO/TR 834-2:2009	(replaced by ISO 834-2:2019)
ISO 10294-1:1996/ Amd 1:2014	(replaced by ISO 21925-1:2018)
ISO 10294-4:2001/ Amd 1:2014	(replaced by ISO 21925-1:2018)
TC 204	Intelligent transport systems
ISO/TR 24532:2006	(replaced by )
TC 211	Geographic information/Geomatics
ISO/TR 19120:2001	(replaced by )
ISO/TR 19122:2004	(replaced by )
TC 215	Health informatics
ISO/TS 13606-4:2009	(replaced by ISO 13606-4:2019)
TMBG	Technical Management Board - groups
IWA 9:2011	(replaced by )
IWA 24:2016	(replaced by )
JTC 1	Information technology
ISO 2132:1972/ Amd 1:1975	(replaced by )
ISO/IEC 10035-1:1995/Amd 1:1997	(replaced by ISO/IEC 15955:1999)

ISO/IEC (replaced by )  
14651:2011/Amd  
1:2012

ISO/IEC (replaced by )  
14651:2011/Amd  
2:2015

ISO 4232-1:1979 (replaced by )

---

## Meeting calendar

---

The meeting calendar is available at

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