

ISO Update

Supplement to ISOfocus

December 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 November to 01 December 2019

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 2	Fasteners
ISO/CD 14581	Fasteners — Hexalobular socket countersunk flat head screws with reduced loadability
TC 8	Ships and marine technology
ISO/CD TS 22152.2	Ships and marine technology — Performance requirements for low bio-persistence alkaline earth silicate wool
TC 17	Steel
ISO/DIS 630-2	Structural steels — Part 2: Technical delivery conditions for structural steels for general purposes
ISO/CD 630-3	Structural steels — Part 3: Technical delivery conditions for fine-grain structural steels
ISO/CD 630-4	Structural steels — Part 4: Technical delivery conditions for high-yield-strength quenched and tempered structural steel plates
TC 20	Aircraft and space vehicles
ISO/CD 23670	Space systems — Vibration testing
TC 22	Road vehicles
ISO/CD 11452-9.2	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 9: Portable transmitters
ISO/CD 13837	Road vehicles — Safety glazing materials — Method for the determination of solar transmittance
ISO/CD 21782-4	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 4: Performance testing of DC/DC converter
ISO/CD 21782-5	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 5: Operating load testing of motor system

ISO/CD 21782-7	Road vehicles — Electrically propelled road vehicles — Test specification for electric propulsion components — Part 7: Operating load testing of DC/DC converter
TC 23	Tractors and machinery for agriculture and forestry
ISO/CD 10522	Agricultural irrigation equipment — Direct-acting pressure-regulating valves
ISO/CD 11738	Agricultural irrigation equipment — Control heads
ISO/CD 16438	Agricultural irrigation equipment — Thermoplastic collapsible hoses for irrigation — Specifications and test methods
ISO/CD 23316-1	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 1: General description
ISO/CD 23316-2	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 2: Physical interface
ISO/CD 23316-3	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 3: Safety requirements
ISO/CD 23316-4	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 4: AC operation mode
ISO/CD 23316-5	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 5: DC operation mode
ISO/CD 23316-6	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 6: Controls communication
ISO/CD 23316-7	Tractors and machinery for agriculture and forestry — Electrical high power interface 700VDC/480VAC — Part 7: Mechanical integration
TC 31	Tyres, rims and valves
ISO/CD 5775-2	Bicycle tyres and rims — Part 2: Rims
TC 34	Food products
ISO/DIS 23970	Milk, milk products and infant formulae — Determination of melamine and cyanuric acid in foodstuffs by liquid chromatography and tandem mass spectrometry (LC-MS/MS)
ISO 4833-1:2013/CD Amd 1	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 degrees C by the pour plate technique — Amendment 1: Clarification of scope
ISO 4833-2:2013/CD Amd 1	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 degrees C by the surface plating technique — Amendment 1: Clarification of scope
ISO/CD 4120	Sensory analysis — Methodology — Triangle test sensory
ISO/CD 8586	Sensory analysis — General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors
TC 38	Textiles
ISO/CD 22958	Textiles — Water resistance — Rain tests: exposure to a horizontal water spray
ISO/CD 1973	Textile fibres — Determination of linear density — Gravimetric method and vibroscope method

ISO/CD 2403	Textiles — Cotton fibres — Determination of micronaire value	ISO/CD 23434-2	Industrial trucks — Sustainability — Part 2: Factors and reporting
ISO/CD 16549	Textiles — Unevenness of textile strands — Capacitance method	TC 121	Anaesthetic and respiratory equipment
TC 42	Photography	ISO/CD 18777-1	Transportable liquid oxygen systems for medical use — Particular requirements — Part 1: Base units
ISO/CD 19264-1	Photography — Archiving systems — Image quality analysis — Part 1: Reflective originals	ISO/CD 18777-2	Transportable liquid oxygen systems for medical use — Particular requirements — Part 2: Portable units
TC 43	Acoustics	TC 123	Plain bearings
ISO/CD 5128	Acoustics — Measurement of noise inside motor vehicles	ISO/CD 3548-1	Plain bearings — Thin-walled half bearings with or without flange — Part 1: Tolerances, design features and methods of test
TC 58	Gas cylinders	ISO/CD 12130-1	Plain bearings — Hydrodynamic plain tilting pad thrust bearings under steady-state conditions — Part 1: Calculation of tilting pad thrust bearings
ISO/CD 23826	Gas cylinders — Ball valves — Specification and type testing	TC 130	Graphic technology
ISO/CD 11623	Gas cylinders — Composite cylinders and tubes — Periodic inspection and testing	ISO/CD 2836.4	Graphic technology — Prints and printing inks — Assessment of resistance of prints to various agents
ISO/CD 23876.2	Gas cylinders — Cylinders and tubes of composite construction — Acoustic emission (AE) testing for periodic inspection and testing	ISO/CD 12635	Graphic technology — Plates for offset printing — Dimensions
TC 59	Buildings and civil engineering works	ISO/CD 14298	Graphic technology — Management of security printing processes
ISO/CD 6707-4	Buildings and civil engineering works — Vocabulary — Part 4: Facility management terms	TC 135	Non-destructive testing
TC 61	Plastics	ISO/CD 22290	Non-destructive testing — Infrared thermographic testing — Thermoelastic stress measuring method — General Principles
ISO/CD 23524	Plastics — Determination of fracture toughness of films and thin sheets: the essential work of fracture	TC 138	Plastics pipes, fittings and valves for the transport of fluids
TC 83	Sports and other recreational facilities and equipment	ISO/CD 16486-5	Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 5: Fitness for purpose of the system
ISO/CD 7152	Camping tents and caravan awnings — Terms	ISO/CD 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
TC 85	Nuclear energy, nuclear technologies, and radiological protection	ISO/CD 16486-4	Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 4: Valves
ISO/CD TR 4450	Quality management systems — Recommendations for the application of ISO 19443	TC 147	Water quality
ISO/CD 6980-1	Nuclear energy — Reference beta-particle radiation — Part 1: Methods of production	ISO/CD 10703	Water quality — Determination of the activity concentration of radionuclides — Method by high resolution gamma-ray spectrometry
ISO/CD 6980-2	Nuclear energy — Reference beta-particle radiation — Part 2: Calibration fundamentals related to basic quantities characterizing the radiation field	TC 150	Implants for surgery
ISO/CD 6980-3	Nuclear energy — Reference beta-particle radiation — Part 3: Calibration of area and personal dosimeters and the determination of their response as a function of beta radiation energy and angle of incidence	ISO/CD TS 20721	Implants for surgery — Standard guide to assessment of absorbable metallic implants
TC 92	Fire safety	ISO 13779-3:2018/CD Amd 1	Implants for surgery — Hydroxyapatite — Part 3: Chemical analysis and characterization of crystallinity ratio and phase purity — Amendment 1
ISO/CD TS 17755-2	Fire safety — Statistical data collection — Part 2: Definition of terms	TC 156	Corrosion of metals and alloys
ISO/CD TR 16312-2	Guidance for assessing the validity of physical fire models for obtaining fire effluent toxicity data for fire hazard and risk assessment — Part 2: Evaluation of individual physical fire models	ISO/CD 24020	Corrosion of metals and alloys Standard test method for particle-free erosion corrosion of metallic materials by jet-in-slit
TC 96	Cranes	TC 172	Optics and photonics
ISO/CD 16881-1	Cranes — Design calculation for rail wheels and associated trolley track supporting structure — Part 1:	ISO/CD 8600-8	Endoscopes — Medical endoscopes and endotherapy devices — Part 8: Particular requirements for capsule endoscopes
TC 106	Dentistry		
ISO/CD 24234	Dentistry — Dental amalgam		
TC 107	Metallic and other inorganic coatings		
ISO/CD 1463	Metallic and oxide coatings — Measurement of coating thickness — Microscopical method		
ISO/CD 4518	Metallic coatings — Measurement of coating thickness — Profilometric method		
TC 110	Industrial trucks		
ISO/CD 23434-1	Industrial trucks — Sustainability — Part 1: Vocabulary		

ISO/CD 19056-3	Microscopes — Definition and measurement of illumination properties — Part 3: Incident light fluorescence microscopy with incoherent light sources	ISO/CD 21013-1	Cryogenic vessels — Pressure-relief accessories for cryogenic service — Part 1: Reclosable pressure-relief valves
ISO/CD 9342-1	Optics and optical instruments — Test lenses for calibration of focimeters — Part 1: Reference lenses for focimeters used for measuring spectacle lenses	TC 255	Biogas
ISO/CD 15004-2	Ophthalmic instruments — Fundamental requirements and test methods — Part 2: Light hazard protection	ISO/CD 24252	Biogas systems — non-household and non-gasification
ISO/CD 15253	Ophthalmic optics and instruments — Optical and electro-optical devices for enhancing low vision	TC 258	Project, programme and portfolio management
ISO/CD 15798	Ophthalmic implants — Ophthalmic viscosurgical devices	ISO/CD 21502	Project, Programme and Portfolio Management — Guidance on Project Management
TC 173	Assistive products	TC 286	Collaborative business relationship management
ISO/CD 11199-1	Assistive products for walking, manipulated by both arms — Requirements and test methods — Part 1: Walking frames	ISO/CD 44003	Guidelines for micro, small and medium-sized enterprises on the implementation of the principles of collaborative business relationship management
ISO/CD 11199-2	Assistive products for walking, manipulated by both arms — Requirements and test methods — Part 2: Rollators	TC 300	Solid Recovered Fuels
TC 174	Jewellery and precious metals	ISO/CD 22940	Solid recovered fuels — Determination of elemental composition by X-ray fluorescence
ISO/DIS 24016	Jewellery and precious metals — Grading polished diamonds — Terminology, classification and test methods	JTC 1	Information technology
TC 202	Microbeam analysis	ISO/IEC CD 14651	Information technology — International string ordering and comparison — Method for comparing character strings and description of the common template tailorable ordering
ISO/CD 23692	Quantitative analysis of Mn dendritic segregation in continuously cast steel product	ISO/IEC 10118-1:2016/ CD Amd 1	Information technology — Security techniques — Hash-functions — Part 1: General — Amendment 1
TC 204	Intelligent transport systems	ISO/IEC CD 27002	Information security controls
ISO/CD TS 20684-10	Intelligent transport systems — Roadside modules SNMP data interface — Part 10: Variable message signs	ISO/IEC CD 27022	Information technology — Security techniques — Guidance on ISMS processes
ISO/CD 22737	Intelligent transport systems — Low-speed automated driving (LSAD) systems for predefined routes — Performance requirements, system requirements and performance test procedures	ISO/IEC CD 27099	Information Technology — Security techniques — Public key infrastructure — Practices and policy framework
TC 206	Fine ceramics	ISO/IEC CD TS 27101	Information technology — Security techniques — Cybersecurity — Framework development guidelines
ISO/CD 21820	Fine ceramics (advanced ceramics, advanced technical ceramics) — Ultraviolet photoluminescence image test method for analyzing polytypes of conductive SiC crystals	ISO/IEC CD 23385	Information technology — Office equipment — Method for measuring digital photo print out time
TC 212	Clinical laboratory testing and in vitro diagnostic test systems	ISO/IEC 23000- 21:2019/CD Amd 1	Information technology — Multimedia application format (MPEG-A) — Part 21: Visual identity management application format — Amendment 1: Reference software and conformance
ISO/CD 23118	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for metabolomics in urine, venous blood serum and plasma	ISO/IEC FDIS 23009-1/CD Amd 1	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 1: Media presentation description and segment formats — Amendment 1: CMAF support, events processing model and other extensions
TC 213	Dimensional and geometrical product specifications and verification	ISO/IEC CD 23090-2	Information technology — Coded representation of immersive media — Part 2: Omnidirectional media format
ISO/CD 16610-45	Geometrical product specifications (GPS) — Filtration — Part 45: Part 45: Profile Morphological: Segmentation	ISO/IEC CD 23090-6	Information technology — Coded representation of immersive media — Part 6: Immersive media metrics
TC 215	Health informatics	ISO/IEC CD 23090-10	Information technology — Coded representation of immersive media — Part 10: Carriage of Video-based Point Cloud Compression Data
ISO/CD TR 4421	Health informatics — Introduction to Ayurveda	ISO/IEC CD 23094-2	General video coding — Part 2: Low complexity enhancement video coding
ISO/CD TS 22703	Health informatics, requirements for medication safety alerts	ISO/IEC CD 23634	Information technology — Automatic identification and data capture techniques — Polychrome bar code symbology (JAB-Code)
TC 216	Footwear	ISO/IEC CD TR 15944-14	Information technology — Business operational view — Part 14: Open-edi, model and cloud computing architecture
ISO/CD 19957	Footwear — Test methods for heels — Heel pin holding strength	ISO/IEC CD TR 19075-9	Information technology database languages — SQL technical reports — Part 9: SQL TR OLAP
TC 220	Cryogenic vessels		
ISO/CD 21011	Cryogenic vessels — Valves for cryogenic service		

ISO/IEC CD 19763-16	Information technology — Metamodel framework for interoperability (MFI) — Part 16: Metamodel for document model registration	ISO/DIS 20794-7	Road vehicles — Clock extension peripheral interface (CXPI) — Part 7: Data link and physical layer conformance test plan	2020-02-05
ISO/IEC CD TR 4338	Conceptual model and system architecture of smart classroom	ISO/DIS 8820-10	Road vehicles — Fuse-links — Part 10: Fuse-links with tabs Type L (high current miniature)	2020-02-07
ISO/IEC CD TR 4339	Reference Model for ICT Evaluation in Education		(Revision of ISO 8820-10:2015)	
ISO/IEC CD TR 23951	Information technology – Cloud computing – Guidance for using the cloud SLA metric model	ISO/DIS 6621-3	Internal combustion engines — Piston rings — Part 3: Material specifications	2020-02-11
ISO/IEC CD 22989	Artificial intelligence — Concepts and terminology		(Revision of ISO 6621-3:2000)	

DIS circulated

Period from 01 November to 01 December 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 2	Fasteners			
ISO/DIS 4042	Fasteners — Electroplated coating systems	2020-02-06		
	(Revision of ISO 4042:2018)			
TC 8	Ships and marine technology			
ISO/DIS 22547	Ships and marine technology — Performance test procedure for high-pressure pump in LNG Fuel Gas Supply Systems (FGSS) for ship	2020-01-28		
ISO/DIS 22548	Ships and marine technology — Performance test procedure of vessel LNG Fuel Gas Supply Systems (FGSS)	2020-01-28		
ISO/DIS 799-2	Ships and marine technology — Pilot ladders — Part 2: Maintenance, use, survey, and inspection	2020-02-19		
TC 17	Steel			
ISO/DIS 4948.2	Classification of steel based on chemical composition	2020-01-03		
	(Revision of ISO 4948-1:1982, ISO 4948-2:1981)			
TC 22	Road vehicles			
ISO/DIS 20794-5	Road vehicles — Clock extension peripheral interface (CXPI) — Part 5: Application layer conformance test plan	2020-02-05		
ISO/DIS 20794-6	Road vehicles — Clock extension peripheral interface (CXPI) — Part 6: Transport and network layer conformance test plan	2020-02-05		
ISO/DIS 20794-7	Road vehicles — Clock extension peripheral interface (CXPI) — Part 7: Data link and physical layer conformance test plan	2020-02-05		
ISO/DIS 8820-10	Road vehicles — Fuse-links — Part 10: Fuse-links with tabs Type L (high current miniature)	2020-02-07		
	(Revision of ISO 8820-10:2015)			
ISO/DIS 6621-3	Internal combustion engines — Piston rings — Part 3: Material specifications	2020-02-11		
	(Revision of ISO 6621-3:2000)			
ISO/DIS 22561	Gasoline engines with direct fuel injection (GDI engines) — Installation of the injectors to the engine	2020-02-06		
ISO/DIS 13044-2	Road vehicles — Fully automatic coupling systems 24 V (FACS) for heavy commercial vehicle combinations — Part 2: Electrical and pneumatic interface for 50 mm fifth wheel couplings	2020-02-19		
	(Revision of ISO 13044-2:2013)			
TC 23	Tractors and machinery for agriculture and forestry			
ISO/DIS 23130	Milking and cooling machine installations — Monitoring device for bulk milk cooling tanks — Requirements	2020-01-24		
ISO/DIS 21191	Equipment for crop protection — Closed transfer systems (CTS) — Performance specification	2020-02-14		
TC 29	Small tools			
ISO/DIS 8405	Tools for moulding — Ejector sleeves with cylindrical head — Basic series for general purposes	2020-01-28		
	(Revision of ISO 8405:2013)			
ISO/DIS 9182-3	Tools for pressing — Guide pillars — Part 3: Type B, end-locking pillars	2020-01-28		
	(Revision of ISO 9182-3:2013)			
ISO/DIS 9182-4	Tools for pressing — Guide pillars — Part 4: Type C, pillars with taper lead and bush	2020-01-29		
	(Revision of ISO 9182-4:2013)			
ISO/DIS 9182-5	Tools for pressing — Guide pillars — Part 5: Type D, end-locking pillars with flange	2020-01-28		
	(Revision of ISO 9182-5:2013)			
ISO/DIS 23481	Tools for pressing — Cam driver plates	2020-01-28		
	(Revision of ISO 23481:2013)			
TC 34	Food products			
ISO/DIS 23036-1	Microbiology of the food chain — Methods for the detection of Anisakidae L3 larvae in fish and fishery products — Part 1: UV-press method	2020-01-27		
ISO/DIS 23036-2	Microbiology of the food chain — Methods for the detection of Anisakidae L3 larvae in fish and fishery products — Part 2: Artificial digestion method	2020-01-27		

ISO/DIS 20784	Guidance on substantiation for sensory and consumer claims	2020-02-03	TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	
TC 35	Paints and varnishes		ISO/DIS 719	Glass — Hydrolytic resistance of glass grains at 98 degrees C — Method of test and classification	2020-02-20
ISO/DIS 2810	Paints and varnishes — Natural weathering of coatings — Exposure and assessment	2020-02-11		(Revision of ISO 719:1985)	
TC 37	Language and terminology		ISO/DIS 720	Glass — Hydrolytic resistance of glass grains at 121 degrees C — Method of test and classification	2020-02-20
ISO/DIS 24617-2	Language resources management — Semantic annotation framework (SemAF) — Part 2: Dialogue acts	2020-02-05		(Revision of ISO 720:1985)	
TC 38	Textiles		TC 86	Refrigeration and air-conditioning	
ISO/DIS 1833-25	Textiles — Quantitative chemical analysis — Part 25: Mixtures of polyester with certain other fibres (method using trichloroacetic acid and chloroform)	2020-02-20	ISO 5149-1:2014/DAmD 2	Refrigerating systems and heat pumps — Safety and environmental requirements — Part 1: Definitions, classification and selection criteria — Amendment 2	2020-02-03
	(Revision of ISO 1833-25:2013)		ISO 5149-3:2014/DAmD 1	Refrigerating systems and heat pumps — Safety and environmental requirements — Part 3: Installation site — Amendment 1	2020-02-03
TC 44	Welding and allied processes		ISO/DIS 21978	Heat pump water heater — Testing and rating at part load conditions and calculation on seasonal coefficient of performance for space heating	2020-02-06
ISO/DIS 15792-2	Welding consumables — Test methods — Part 2: Preparation of single-run and two-run technique test specimens in steel	2020-02-05			
	(Revision of ISO 15792-2:2000)		TC 96	Cranes	
TC 54	Essential oils		ISO/DIS 4306-4	Cranes — Vocabulary — Part 4: Jib cranes	2020-01-31
ISO/DIS 19332	Essential oil of matricaria [Matricaria chamomilla L. syn. Chamomilla recutita (L) Rauschert]	2020-02-06			
	(Revision of ISO 19332:2007)		TC 106	Dentistry	
TC 58	Gas cylinders		ISO/DIS 10873	Dentistry — Denture adhesives	2020-02-20
ISO/DIS 17871	Gas cylinders — Quick-release cylinder valves — Specification and type testing	2020-02-20		(Revision of ISO 10873:2010)	
	(Revision of ISO 17871:2015, ISO 17871:2015/Amd 1:2018)		TC 107	Metallic and other inorganic coatings	
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		ISO/DIS 12671	Thermal spraying - Thermally sprayed coatings - Symbolic representation on drawings	2020-02-13
ISO/DIS 15590-2	Petroleum and natural gas industries — Factory bends, fittings and flanges for pipeline transportation systems — Part 2: Fittings	2020-01-27		(Revision of ISO 12671:2012)	
	(Revision of ISO 15590-2:2003)		ISO/DIS 16866	Metallic and other inorganic coatings — Simultaneous thickness and electrode potential determination of individual layers in multilayer nickel deposits (STEP test)	2020-02-03
ISO/DIS 15590-3	Petroleum and natural gas industries — Factory bends, fittings and flanges for pipeline transportation systems — Part 3: Flanges	2020-01-27			
	(Revision of ISO 15590-3:2004)		ISO/DIS 23363	Electrodeposited coatings and related finishes — Electroless Ni-P-ceramic composite coatings	2020-02-10
TC 69	Applications of statistical methods		TC 120	Leather	
ISO/DIS 7870-4	Control charts — Part 4: Cumulative sum charts	2020-01-28	ISO 14930:2012/DAmD 1	Leather — Leather for dress gloves — Specification — Amendment 1: Colour fastness to to-and-fro rubbing	2020-01-31
	(Revision of ISO 7870-4:2011)		TC 121	Anaesthetic and respiratory equipment	
ISO/DIS 16337	Application of statistical and related methods to new technology and product development process — Robust Tolerance Design (RTD)	2020-01-31			

ISO/DIS 26825	Anaesthetic and respiratory equipment — User-applied labels for syringes containing drugs used during anaesthesia — Colours, design and performance (Revision of ISO 26825:2008)	2020-01-31	ISO/DIS 23226	Corrosion of metals and alloys — Guidelines for corrosion testing of metals and alloys exposed in deep sea water	2020-01-29
ISO/DIS 4135	Anaesthetic and respiratory equipment — Vocabulary and semantics (Revision of ISO 4135:2001)	2020-02-18	TC 161	Controls and protective devices for gas and/or oil	
TC 126	Tobacco and tobacco products		ISO/DIS 23555-1	Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa — Part 1: General requirements	2020-01-24
ISO/DIS 23921	Cigarettes — Determination of tobacco specific nitrosamines in mainstream cigarette smoke under intense smoking conditions — Method using LC-MS/MS	2020-01-31	TC 172	Optics and photonics	
ISO/DIS 23922	Cigarettes — Determination of selected carbonyls in the mainstream smoke of cigarettes under intense smoking conditions — Method using high performance liquid chromatography	2020-01-31	ISO/DIS 21395-1	Optics and photonics — Test method for refractive index of optical glasses — Part 1: Minimum deviation method	2020-01-28
ISO/DIS 23923	Cigarettes — Determination of selected volatile organic compounds in the mainstream smoke of cigarettes under intense smoking conditions — Method using GC/MS	2020-02-03	TC 183	Copper, lead, zinc and nickel ores and concentrates	
TC 131	Fluid power systems		ISO 12743:2018/DAmD 1	Copper, lead, zinc and nickel concentrates — Sampling procedures for determination of metal and moisture content — Amendment 1	2020-02-18
ISO/DIS 7425-1	Hydraulic fluid power — Housings for elastomer-energized, plastic-faced seals — Dimensions and tolerances — Part 1: Piston seal housings (Revision of ISO 7425-1:1988)	2020-01-24	TC 184	Automation systems and integration	
ISO/DIS 7425-2	Hydraulic fluid power — Housings for elastomer-energized, plastic-faced seals — Dimensions and tolerances — Part 2: Rod seal housings (Revision of ISO 7425-2:1989)	2020-01-24	ISO/DIS 16400-1	Automation systems and integration — Equipment behaviour catalogues for virtual production system — Part 1: Overview	2020-02-19
TC 134	Fertilizers, soil conditioners and beneficial substances		TC 204	Intelligent transport systems	
ISO/DIS 22862	Fertilizers and soil conditioners — Compound fertilizer — General requirements	2020-01-29	ISO/DIS 17515-2	Intelligent transport systems — Evolved universal terrestrial radio access network (E-UTRAN) — Part 2: Device to device communications (D2D)	2020-01-24
TC 146	Air quality		ISO/DIS 20529-2	Intelligent transport systems — Framework for Green ITS (G-ITS) standards — Part 2: Integrated mobile service applications	2020-02-12
ISO/DIS 16000-28	Indoor air — Part 28: Determination of odour emissions from building products using test chambers (Revision of ISO 16000-28:2012)	2020-02-06	TC 205	Building environment design	
TC 149	Cycles		ISO/DIS 52127-1	Energy performance of buildings — Building management system — Part 1: Module M10-12	2020-01-24
ISO/DIS 4210-10.2	Cycles — Safety requirements for bicycles — Part 10: Safety requirements for electrically power assisted cycles (EPACs)	2020-01-20	TC 207	Environmental management	
TC 156	Corrosion of metals and alloys		ISO/DIS 14091	Adaptation to climate change — Guidelines on vulnerability, impacts and risk assessment	2020-02-17
ISO/DIS 22910	Corrosion of metals and alloys — Measurement of the electrochemical critical localized corrosion temperature (E-CLCT) for stacked Ti alloys fabricated by the additive manufacturing method	2020-01-27	TC 212	Clinical laboratory testing and in vitro diagnostic test systems	
			ISO/DIS 17822-2	In vitro diagnostic test systems — Nucleic acid amplification-based examination procedures for detection and identification of microbial pathogens — Part 2: Laboratory quality practice guide	2020-01-31
			TC 215	Health informatics	
			ISO/DIS 12967-1	Health informatics — Service architecture (HISA) — Part 1: Enterprise viewpoint (Revision of ISO 12967-1:2009)	2020-01-24

ISO/DIS 12967-2	Health informatics — Service Architecture (HISA) — Part 2: Information viewpoint	2020-01-24	ISO/IEC DIS 30118-2	Information technology — Open Connectivity Foundation (OCF) Specification — Part 2: Security specification (Revision of ISO/IEC 30118-2:2018)	2020-02-18
ISO/DIS 12967-3	Health informatics — Service Architecture (HISA) — Part 3: Computational viewpoint	2020-01-24	ISO/IEC DIS 30118-3	Information technology — Open Connectivity Foundation (OCF) Specification — Part 3: Bridging specification (Revision of ISO/IEC 30118-3:2018)	2020-02-18
ISO/DIS 21860	Health Informatics — Reference standards portfolio (RSP) — Clinical imaging	2020-01-24	ISO/IEC DIS 30118-4	Information technology — Open Connectivity Foundation (OCF) Specification — Part 4: Resource type specification (Revision of ISO/IEC 30118-4:2018)	2020-02-18
ISO/DIS 81001-1	Health software and health IT systems safety, effectiveness and security — Part 1: Foundational principles, concepts, and terms	2020-02-02	ISO/IEC DIS 30118-5	Information technology — Open Connectivity Foundation (OCF) Specification — Part 5: Smart home device specification (Revision of ISO/IEC 30118-5:2018)	2020-02-18
TC 216	Footwear		ISO/IEC DIS 30118-6	Information technology — Open Connectivity Foundation (OCF) Specification — Part 6: Resource to AllJoyn interface mapping specification (Revision of ISO/IEC 30118-6:2018)	2020-02-18
ISO/DIS 24267	Friction — Test methods for casual footwear and components	2020-02-06	ISO/IEC DIS 30118-7	Information technology - Open Connectivity Foundation (OCF) Specification — Part 7: Wi-Fi easy setup specification	2020-02-18
TC 228	Tourism and related services		ISO/IEC DIS 30118-8	Information technology — open connectivity foundation (OCF) - Part 8 - cloud specification — Part 8: Cloud Specification	2020-02-18
ISO/DIS 22876	Tourism and related services — Bareboat charter — Supplementary charter services and experiences	2020-02-05	ISO/IEC DIS 30118-9	Information technology — Open connectivity foundation (OCF) — Part 9: OCF resource to oneM2M resource mapping specification	2020-02-18
TC 260	Human resource management		ISO/IEC DIS 9594-11	Information technology — Open systems interconnection — The directory — Part 11: Protocol specifications for secure operations	2020-02-14
ISO/DIS 30415	Human resource management — Diversity and inclusion	2020-02-19	ISO/IEC DIS 23531	Systems and software engineering — Capabilities of issue management tools	2020-02-10
TC 282	Water reuse		ISO/IEC DIS 18046-3	Information technology — Radio frequency identification device performance test methods — Part 3: Test methods for tag performance (Revision of ISO/IEC 18046-3:2012)	2020-02-19
ISO/DIS 20468-4	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 4: UV Disinfection	2020-02-19	ISO/IEC DIS 19823-16	Information technology — Conformance test methods for security service crypto suites — Part 16: Crypto suite ECDSA-ECDH security services for air interface communications	2020-02-19
ISO/DIS 20468-6	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 6: Ion exchange and electrodialysis	2020-02-20	ISO/IEC DIS 29160	Information technology — Radio frequency identification for item management — RFID Emblem (Revision of ISO/IEC 29160:2012)	2020-02-19
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terminates

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Standards published

New International Standards published between 01 November and 01 December 2019

¹ delayed publication of language version

² corrected version

³ multilingual document

				Price group
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ISO/TS 10303-1835:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1835: Application module: Additive manufacturing part and build information	B	ISO 10993-9:2019	en fr	Biological evaluation of medical devices — Part 9: Framework for identification and quantification of potential degradation products	B
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ISO/TS 10303-1837:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1837: Application module: Product data equivalence definition	B	TC 197		Hydrogen technologies	
ISO/TS 10303-1838:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1838: Application module: Annotated 3D model equivalence criteria	B	ISO 14687:2019	en	Hydrogen fuel quality — Product specification	C
ISO/TS 10303-1839:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1839: Application module: Annotated 3D model equivalence inspection result	B	ISO 19880-5:2019	en	Gaseous hydrogen — Fuelling stations — Part 5: Dispenser hoses and hose assemblies	E
ISO/TS 10303-1840:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1840: Application module: Annotated 3D model equivalence shape	B	TC 204		Intelligent transport systems	
ISO/TS 10303-1841:2019	en	Industrial automation systems and integration — Product data representation and exchange — Part 1841: Application module: Annotated 3D model equivalence assembly	B	ISO 12813:2019	en fr	Electronic fee collection — Compliance check communication for autonomous systems	F
				TC 205		Building environment design	
				ISO 19455-1:2019	en	Planning for functional performance testing for building commissioning — Part 1: Secondary hydronic pump, system and associated controls	C
				ISO 22510:2019	en	Open data communication in building automation, controls and building management — Home and building electronic systems — KNXnet/IP communication	H
				TC 206		Fine ceramics	
				ISO 21822:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Measurement of iso-electric point of ceramic powder	B
				TC 207		Environmental management	

ISO 14002-1:2019	en	Environmental management systems — Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area — Part 1: General	B	ISO/TR 12885:2018	fr	Nanotechnologies — Health and safety practices in occupational settings	H
TC 212		Clinical laboratory testing and in vitro diagnostic test systems		TC 249		Traditional Chinese medicine	
ISO/TS 22583:2019	en	Guidance for supervisors and operators of point-of-care testing (POCT) devices	E	ISO/TR 23975:2019	en	Traditional Chinese medicine — Priority list of single herbal medicines for developing standards	G
ISO 35001:2019	en	Biorisk management for laboratories and other related organisations	D	TC 268		Sustainable cities and communities	
TC 215		Health informatics		ISO 37105:2019	en	Sustainable cities and communities — Descriptive framework for cities and communities	G
ISO 12381:2019	fr	Health informatics — Explicit time-related expressions for healthcare-specific problems	D	TC 269		Railway applications	
ISO/TS 22773:2019	en	Health Informatics — Categorical structures for the representation of the decocting process in traditional Chinese medicine	A	ISO 20138-2:2019	en fr	Railway applications — Calculation of braking performance (stopping, slowing and stationary braking) — Part 2: General algorithms utilizing step by step calculation	E
TC 216		Footwear		ISO 21106:2019	en fr	Railway applications — Recyclability and recoverability calculation method for rolling stock	C
ISO 19577:2019	en fr	Footwear — Critical substances potentially present in footwear and footwear components — Determination of Nitrosamines	B	TC 282		Water reuse	
TC 219		Floor coverings		ISO 22447:2019	en	Industrial wastewater classification	D
ISO 10581:2019	en fr	Resilient floor coverings — Homogeneous poly(vinyl chloride) floor covering — Specifications	B	TC 295		Audit data services	
ISO 24337:2019	en fr	Laminate floor coverings — Determination of geometrical characteristics	B	ISO 21378:2019	en	Audit data collection	H
TC 220		Cryogenic vessels		TC 301		Energy management and energy savings	
ISO 21014:2019	en	Cryogenic vessels — Cryogenic insulation performance	C	ISO/TS 50044:2019	en	Energy saving projects (EnSPs) — Guidelines for economic and financial evaluation	F
TC 221		Geosynthetics		TMBG		Technical Management Board - groups	
ISO 10722:2019	en	Geosynthetics — Index test procedure for the evaluation of mechanical damage under repeated loading — Damage caused by granular material (laboratory test method)	B	ISO Guide 82:2019	en	Guidelines for addressing sustainability in standards	D
ISO 13426-1:2019	en	Geotextiles and geotextile-related products — Strength of internal structural junctions — Part 1: Geocells	B	CASCO		Committee on conformity assessment	
TC 224		Service activities relating to drinking water supply, wastewater and stormwater systems		ISO/IEC TR 17032:2019	fr	Conformity assessment — Guidelines and examples of a scheme for the certification of processes	E
ISO 24536:2019	fr	Service activities relating to drinking water supply, wastewater and stormwater systems — Stormwater management — Guidelines for stormwater management in urban areas	G	JTC 1		Information technology	
TC 226		Materials for the production of primary aluminium		ISO/IEC 24091:2019	en	Information technology — Power efficiency measurement specification for data center storage	G
ISO 14428:2019	en	Carbonaceous materials for the production of aluminium — Cold and tepid ramming pastes — Expansion/shrinkage during baking	B	ISO/IEC 26561:2019	en	Software and systems engineering — Methods and tools for product line technical probe	F
TC 229		Nanotechnologies		ISO/IEC 26562:2019	en	Software and systems engineering — Methods and tools for product line transition management	E

ISO/IEC 33020:2019	en	Information technology — Process assessment — Process measurement framework for assessment of process capability	F	TC 18	Zinc and zinc alloys (reconfirmed)
ISO/IEC 18013-4:2019	en	Personal identification — ISO-compliant driving licence — Part 4: Test methods	H	ISO 714:1975 ISO 1169:2006 ISO 3750:2006 ISO 3815-1:2005 ISO 3815-2:2005 ISO 20081:2005	(reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
ISO/IEC 19774-1:2019	en	Information technology — Computer graphics, image processing and environmental data representation — Part 1: Humanoid animation (H-Anim) architecture	F	TC 20	Aircraft and space vehicles (reconfirmed)
ISO/IEC 19774-2:2019	en	Information technology — Computer graphics, image processing and environmental data representation — Part 2: Humanoid animation (H-Anim) motion data animation	E	ISO 11:1987 ISO 2964:1985 ISO 5859:2014 ISO 6771:2007 ISO 7314:2002 ISO 16031-2:2003	(reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
ISO/IEC 27050-1:2019	en	Information technology — Electronic discovery — Part 1: Overview and concepts	D	TC 22	Road vehicles (reconfirmed)
ISO/IEC 29192-2:2019	en	Information security — Lightweight cryptography — Part 2: Block ciphers	G	TC 23	Tractors and machinery for agriculture and forestry (reconfirmed)
ISO/IEC 23093-3:2019	en	Information technology — Internet of media things — Part 3: Media data formats and APIs	H	TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources (reconfirmed)
ISO/IEC TS 11179-30:2019	en	Information technology — Metadata registries (MDR) — Part 30: Basic attributes of metadata	B	ISO 7278-1:1987 ISO 9029:1990 ISO 9030:1990 ISO 9200:1993 ISO 10336:1997 ISO 10337:1997 ISO 11223:2004	(reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
ISO/IEC 30113-12:2019	en	Information technology — User interfaces — Gesture-based interfaces across devices and methods — Part 12: Multi-point gestures for common system actions	G	TC 31	Tyres, rims and valves (reconfirmed)
ISO/IEC TR 30105-7:2019	en	Information technology — IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 7: Exemplar for maturity assessment	D	ISO 10499-2:1998 TC 34	Food products (reconfirmed)

Standards confirmed

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

COPOLCO	Committee on consumer policy
ISO/IEC Guide 51:2014	
TC 6	Paper, board and pulps
ISO 217:2013	
ISO 5269-1:2005	(reconfirmed)
ISO 5269-2:2004	(reconfirmed)
TC 17	Steel
ISO 1035-4:1982	(reconfirmed)
ISO 7778:2014	
ISO 20723:2004	(reconfirmed)

ISO/TS 17193:2011	(reconfirmed)
ISO/TS 6579-2:2012	(reconfirmed)
ISO/TS 13136:2012	
TC 44	Welding and allied processes (reconfirmed)
TC 45	Rubber and rubber products
ISO 18064:2014	
ISO 1307:2006	(reconfirmed)
TC 58	Gas cylinders (reconfirmed)
ISO 3500:2005	(reconfirmed)
ISO 20703:2006	(reconfirmed)
TC 59	Buildings and civil engineering works

ISO 10591:2005	(reconfirmed)
ISO 11432:2005	(reconfirmed)
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO 10426-5:2004	(reconfirmed)
ISO 10427-2:2004	(reconfirmed)
ISO 13503-6:2014	
TC 86	Refrigeration and air-conditioning
ISO 16358-2:2013	
ISO 16358-3:2013	
TC 91	Surface active agents
ISO 17293-1:2014	
ISO 17293-2:2014	
TC 92	Fire safety
ISO 834-10:2014	
TC 112	Vacuum technology
ISO 3529-3:2014	
TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO 9393-2:2005	(reconfirmed)
TC 147	Water quality
ISO 13165-2:2014	
TC 150	Implants for surgery
ISO 5833:2002	(reconfirmed)
ISO 9583:1993	(reconfirmed)
ISO 15309:2013	
ISO 16402:2008	(reconfirmed)
ISO 16428:2005	(reconfirmed)
TC 168	Prosthetics and orthotics
ISO/TS 16955:2016	
TC 172	Optics and photonics
ISO 23584-1:2009	(reconfirmed)
ISO 9022-4:2014	
ISO 9358:1994	(reconfirmed)
ISO 17411:2014	
ISO 10935:2009	(reconfirmed)
ISO 7998:2005	(reconfirmed)
TC 173	Assistive products
ISO 10542-1:2012	(reconfirmed)
TC 180	Solar energy
ISO/TR 9901:1990	(reconfirmed)
TC 215	Health informatics
ISO/IEEE 11073-10102:2014	
ISO/IEEE 11073-10103:2014	
ISO 20301:2014	
TC 218	Timber
ISO 1030:1975	(reconfirmed)
JTC 1	Information technology
ISO/IEC 14888-1:2008	(reconfirmed)
ISO/IEC 14888-2:2008	(reconfirmed)

ISO/IEC
27033-4:2014

ISO/IEC
27036-1:2014

ISO/IEC
27038:2014

Standards withdrawn

Period from 01 November to 01 December 2019

TC 26	Copper and copper alloys
ISO 431:1981	(replaced by)
TC 31	Tyres, rims and valves
ISO 3324-1:2013	(replaced by)
ISO 3324-2:2013	(replaced by)
TC 34	Food products
ISO/TS 19036:2006	(replaced by ISO 19036:2019)
ISO/TS 19036:2006/Amd 1:2009	(replaced by ISO 19036:2019)
TC 37	Language and terminology
ISO 26162:2012	(replaced by ISO 26162-1:2019, ISO 26162-2:2019)
TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO 6274:1982	(replaced by ISO 20290-2:2019, ISO 20290-3:2019)
ISO 6782:1982	(replaced by ISO 20290-2:2019, ISO 20290-3:2019)
ISO 6783:1982	(replaced by ISO 20290-2:2019, ISO 20290-3:2019)
ISO 7033:1987	(replaced by ISO 20290-3:2019, ISO 20290-2:2019)
TC 92	Fire safety
ISO 12468-2:2013	(replaced by)
TC 117	Fans
ISO 12759:2010	(replaced by ISO 12759-2:2019, ISO 12759-3:2019, ISO 12759-4:2019)
ISO 12759:2010/Amd 1:2013	(replaced by ISO 12759-2:2019, ISO 12759-3:2019, ISO 12759-4:2019)
TC 178	Lifts, escalators and moving walks
ISO 4190-1:2010	(replaced by ISO 8100-30:2019)
TC 184	Automation systems and integration
ISO/TS 10303-1288:2014	(replaced by)
ISO/TS 10303-1362:2018	(replaced by)
TC 190	Soil quality
ISO/TS 21268-4:2007	(replaced by ISO 21268-4:2019)
TC 197	Hydrogen technologies
ISO 14687-1:1999	(replaced by ISO 14687:2019)
ISO 14687-2:2012	(replaced by ISO 14687:2019)

ISO 14687-3:2014	(replaced by ISO 14687:2019)
JTC 1	Information technology
ISO/IEC 19774:2006	(replaced by ISO/IEC 19774-1:2019, ISO/IEC 19774-2:2019)

Meeting calendar

The meeting calendar is available at

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