

# ISO Update

Supplement to ISOfocus

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June 2021

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# 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 May to 01 June 2021

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

PC 317	Consumer protection: privacy by design for consumer goods and services
ISO/CD 31700	Consumer protection — Privacy by design for consumer goods and services
TC 8	Ships and marine technology
ISO/CD 24409-4	Ships and marine technology — Design, location and use of shipboard safety signs, safety-related signs, safety notices and safety markings — Part 4: Escape plan signs used for general emergency information
ISO/CD 24569	Ships and marine technology — External fire-fighting system test method
TC 12	Quantities and units
ISO/CD 80000-1.2	Quantities and units — Part 1: General
IEC/CD 80000-15	Quantities and units — Part 15: Logarithmic and related quantities
TC 22	Road vehicles
ISO/CD 23820	Road vehicles — Determination of the filtration efficiency of urea filter modules
ISO/DTS 5385	Road vehicles — Anti-fog coating for exterior lighting applications — Specification
TC 23	Tractors and machinery for agriculture and forestry
ISO/CD 4254-20	Agricultural machinery — Safety — Part 20: Grape, olives and coffee harvesters
TC 27	Coal and coke
ISO/CD 4699	Hard Coal — Determination of plastometric indices — Manual Sapozhnikov Penetration Plastometer method
TC 37	Language and terminology
ISO/CD TR 21636	Identification and description of language varieties
TC 38	Textiles

ISO/CD 4465	Textiles — Animal welfare in the supply chain — General requirements for the production, preparation and traceability of Angora rabbit fibre, including ethical claims and supporting information
TC 43	Acoustics
ISO/CD 532-3	Acoustics — Methods for calculating loudness — Part 3: Moore-Glasberg-Schlittenlacher method for time varying sounds
TC 45	Rubber and rubber products
ISO/CD 4633	Rubber seals — Joint rings for water supply, drainage and sewerage pipelines — Specification for materials
ISO/CD 5462	Rubber latex coated fabric gloves — Specification
ISO/CD 5978	Rubber- or plastics-coated fabrics — Determination of blocking resistance
ISO/CD 7231	Polymeric materials, cellular, flexible — Determination of air flow value at constant pressure-drop
TC 52	Light gauge metal containers
ISO/CD 5099	Light gauge metal containers — Easy open ends and peel off ends — Dimensions
TC 61	Plastics
ISO/CD 22007-7	Plastics — Determination of thermal conductivity and thermal diffusivity — Part 7: Determination of thermal effusivity by transient plane heat source (hot disc) method
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO 13623:2017/CD Amd 1	Petroleum and natural gas industries — Pipeline transportation systems — Amendment 1
ISO/DPAS 24565	Petroleum and natural gas industries — Ceramic lined tubing
ISO/DTS 18683	Guidelines for safety and risk assessment of LNG fuel bunkering operations
TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO/CD 20290-5	Aggregates for concrete — Test methods for geometrical properties — Part 5: Determination of particle size distribution by sieving method
ISO/CD 24684-1	Aggregates for concrete — Test methods for chemical properties — Part 1: Determination of acid soluble chloride salts
ISO/CD 24684-2	Aggregates for concrete — Test methods for chemical properties — Part 2: Determination of soluble sulphate salts
TC 79	Light metals and their alloys
ISO/CD 23515	Titanium and titanium alloys — Designation system —
TC 83	Sports and other recreational facilities and equipment
ISO/DIS 24667	Sports and recreational facilities — Impact surfacing testing device
TC 102	Iron ore and direct reduced iron
ISO/CD 4698	Iron ore pellets for blast furnace feedstocks — Determination of the free-swelling index
ISO/CD 7992	Iron ores for blast furnace feedstocks — Determination of reduction under load
TC 106	Dentistry

ISO/CD 21606	Dentistry — Elastomeric auxiliaries for use in orthodontics	ISO/DTS 24283-1.2	Geotechnical investigation and testing — Qualification criteria and assessment — Part 1: Qualified technician and qualified operator
ISO/CD 13078-3	Dentistry — Dental furnace — Part 3: Test method for evaluation of high temperature sintering furnace measurement with separate thermocouple	ISO/DTS 24283-2.2	Geotechnical investigation and testing — Qualification criteria and assessment — Part 2: Responsible expert
ISO/CD 4865	Dentistry — General requirements of non-hinged hand instruments	ISO/DTS 24283-3.2	Geotechnical investigation and testing — Qualification criteria and assessment — Part 3: Qualified enterprise
ISO/CD 5467-2	Dentistry — Mobile dental units and patient chairs — Part 2: Air, water, suction and waste-water systems	TC 184	Automation systems and integration
TC 107	Metallic and other inorganic coatings	ISO/DTS 23301	STEP Geometry Services
ISO/CD 24674	Method and requirement of plasma nitriding and follow-up PVD hard coatings on cold-work mould steels	TC 189	Ceramic tile
ISO/CD 24688	Determination of modulation period of nano-multilayer coatings by low-angle X-ray methods	ISO/CD 17889-2	Ceramic tiling systems — Sustainability for ceramic tiles and installation materials — Part 2: Specification for tile installation materials
TC 110	Industrial trucks	TC 195	Building construction machinery and equipment
ISO/CD 22915-10	Industrial trucks — Verification of stability — Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices	ISO/CD 21467	Drilling and foundation machinery — Horizontal directional drilling (HDD) machines — Terminology and commercial specifications
ISO/CD 22915-20	Industrial trucks — Verification of stability — Part 20: Additional stability test for trucks operating in the special condition of offset load, offset by utilization	TC 201	Surface chemical analysis
TC 117	Fans	ISO/CD 18115-1	Surface chemical analysis — Vocabulary — Part 1: General terms and terms used in spectroscopy
ISO/CD 12759-1	Fans — Efficiency classification for fans — Part 1: General requirements	TC 204	Intelligent transport systems
TC 132	Ferroalloys	ISO/DTS 5255-1	Intelligent transport systems — Mobility integration low-speed automated driving (LSAD) system service — Part 1: Overall role and functional model
ISO/CD 5451	Ferrovandium — Specification and conditions of delivery	TC 206	Fine ceramics
TC 138	Plastics pipes, fittings and valves for the transport of fluids	ISO/CD 5712	Fine ceramics (advanced ceramics, advanced technical ceramics) — Method for measuring the power generation characteristics of piezoelectric device for stand-alone power source
ISO/CD 4981	Plastic piping systems for non-pressure underground conveyance and storage of non-potable water — Boxes Used for Infiltration, Attenuation and Storage systems - Specifications for storm water boxes made of PP and PVC-U	ISO/CD 18755	Fine ceramics (advanced ceramics, advanced technical ceramics) — Determination of thermal diffusivity of monolithic ceramics by flash method
ISO/CD 4982	Plastics piping systems for non-pressure underground drainage and sewerage — Polyethylene and polypropylene (PP) arch chambers used for infiltration, attenuation and storage systems	TC 207	Environmental management
TC 145	Graphical symbols	ISO/CD 14083	Greenhouse gases — Quantification and reporting of greenhouse gas emissions arising from operations of transport chains
ISO/CD 7001	Graphical symbols — Public information symbols	TC 213	Dimensional and geometrical product specifications and verification
TC 156	Corrosion of metals and alloys	ISO/CD 5463	Geometrical product specifications (GPS) — Form measuring equipment; Rotary axis form measuring instruments — Design and metrological characteristics
ISO/CD 4905	Corrosion of metals and alloys — Electrochemical test methods — Guideline for electrochemical measurements in high temperature molten salts	TC 234	Fisheries and aquaculture
TC 157	Non-systemic contraceptives and STI barrier prophylactics	ISO/CD 5020	Waste reduction and treatment on fishing vessels
ISO/CD 7439	Copper-bearing contraceptive intrauterine devices — Requirements and tests	TC 262	Risk management
TC 171	Document management applications	ISO/CD 31050	Guidance for managing emerging risks to enhance resilience
ISO/DTS 24064	Document management — Portable Document Format — 3D data streams conforming to the ISO 10303:242 (STEP AP242) specification	TC 281	Fine bubble technology
TC 181	Safety of toys	ISO/CD 24218-1	Fine bubble technology — Characterization of fine bubbles — Part 1: Evaluation of size and concentration indices by Laser Diffraction method
ISO/CD 8124-6	Safety of toys — Part 6: Certain phthalate esters in toys and children's products	TC 323	Circular economy
TC 182	Geotechnics	ISO/DTR 59032	Circular economy - Review of business model implementation
		JTC 1	Information technology
		ISO/IEC CD 24787	Information technology — Identification cards — On-card biometric comparison

ISO/IEC CD 24760-2	Information technology — Security techniques — A framework for identity management — Part 2: Reference architecture and requirements
ISO/IEC 24760-3:2016/ CD Amd 1	Information technology — Security techniques — A framework for identity management — Part 3: Practice — Amendment 1
ISO/IEC CD 27557	Information technology — Organizational privacy risk management
ISO/IEC CD 27559	Privacy enhancing data de-identification framework
ISO/IEC 29146:2016/ CD Amd 1	Information technology — Security techniques — A framework for access management — Amendment 1
ISO/IEC 14496- 10:2020/CD Amd 1	Information technology — Coding of audio-visual objects — Part 10: Advanced video coding — Amendment 1: Additional SEI messages
ISO/IEC CD 15444-17	Information technology — JPEG 2000 image coding system — Part 17: Extensions for coding of discontinuous media
ISO/IEC CD 19566-8	Information technologies — JPEG systems — Part 8: JPEG Snack
ISO/IEC 23002-7:2021/ CD Amd 1	Information technology — MPEG video technologies — Part 7: Versatile supplemental enhancement information messages for coded video bitstreams — Amendment 1: Additional SEI messages
ISO/IEC 23003-4:2020/ CD Amd 1	Information technology — MPEG audio technologies — Part 4: Dynamic range control — Amendment 1: Side chain normalization
ISO/IEC 23090-3:2021/ CD Amd 1	Information technology — Coded representation of immersive media — Part 3: Versatile video coding — Amendment 1: Operation range extensions
ISO/IEC 23090-8:2020/ CD Amd 2	Information technology — Coded representation of immersive media — Part 8: Network based media processing — Amendment 2: MPE capabilities, split-rendering support, and other enhancements
ISO/IEC DIS 23090-10/CD Amd 1	Information technology — Coded representation of immersive media — Part 10: Carriage of visual volumetric video-based coding data — Amendment 1: Support of packed video data
ISO/IEC 23092-1:2020/ CD Amd 1	Information technology — Genomic information representation — Part 1: Transport and storage of genomic information — Amendment 1: Support for Part 6
ISO/IEC 23092-2:2020/ CD Amd 1	Information technology — Genomic information representation — Part 2: Coding of genomic information — Amendment 1: Extensions and Improvements to ISO/IEC 23092 series
ISO/IEC 23092-4:2020/ CD Amd 1	Information technology — Genomic information representation — Part 4: Reference software — Amendment 1: Version 2 and Part 6
ISO/IEC CD 23094-3	Information technology — General video coding — Part 3: Conformance and Reference Software for Low Complexity Enhancement Video Coding
ISO/IEC CD 24661	Information technology — User interfaces — Full duplex speech interaction user interfaces
ISO/IEC DTS 4213	Information technology — Artificial Intelligence — Assessment of machine learning classification performance

## DIS circulated

Period from 01 May to 01 June 2021

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 1	Screw threads	
ISO 965- 1:2013/DAmD 1.2	ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data — Amendment 1	2021-07-12
TC 4	Rolling bearings	
ISO/DIS 199	Rolling bearings — Thrust bearings — Geometrical product specification (GPS) and tolerance values (Revision of ISO 199:2014)	2021-08-17
ISO/DIS 492	Rolling bearings — Radial bearings — Geometrical product specifications (GPS) and tolerance values (Revision of ISO 492:2014)	2021-08-17
TC 6	Paper, board and pulps	
ISO/DIS 12625-4	Tissue paper and tissue products — Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption (Revision of ISO 12625-4:2016)	2021-08-24
TC 8	Ships and marine technology	
ISO/DIS 23765	Ships and marine technology — Marine environment protection — Guidelines for a method of collecting ship's fuel oil consumption data	2021-07-30
ISO 20602:2019/ DAmd 1	Ships and marine technology — Check valves for use in low temperature applications — Design and testing requirements — Amendment 1	2021-08-09
ISO/DIS 9875	Ships and marine technology — Marine echo-sounding equipment	2021-08-23
	(Revision of ISO 9875:2000, ISO 9875:2000/Cor 1:2006)	
ISO/DIS 11606	Ships and marine technology — Marine electromagnetic compasses	2021-08-23
	(Revision of ISO 11606:2000, ISO 11606:2000/Cor 1:2005)	

ISO/DIS 20672	Ships and marine technology — Rate of turn indicators  (Revision of ISO 20672:2007, ISO 20672:2007/Cor 1:2008)	2021-08-23	ISO/DIS 14229-5	Road vehicles — Unified diagnostic services (UDS) — Part 5: Unified diagnostic services on Internet Protocol implementation (UDSonIP) (Revision of ISO 14229-5:2013)	2021-08-04
ISO/DIS 20673	Ships and marine technology — Electric rudder angle indicators  (Revision of ISO 20673:2007)	2021-08-23	ISO/DIS 16844-1	Road vehicles — Tachograph systems — Part 1: Electromechanical components  (Revision of ISO 16844-1:2013)	2021-08-18
ISO/DIS 22555	Ships and marine technology — Propeller pitch indicators  (Revision of ISO 22555:2007)	2021-08-23	ISO/DIS 16844-2	Road vehicles — Tachograph systems — Part 2: Recording unit communication interface  (Revision of ISO 16844-2:2011)	2021-08-18
ISO/DIS 24482	Large yachts — Navigational bridge visibility  (Revision of ISO 16844-3:2004, ISO 16844-3:2004/Cor 1:2006)	2021-08-02	ISO/DIS 16844-3	Road vehicles — Tachograph systems — Part 3: Motion sensor communication interface  (Revision of ISO 16844-3:2004, ISO 16844-3:2004/Cor 1:2006)	2021-08-18
TC 10	Technical product documentation				
ISO/DIS 81346-10	Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 10: Power supply systems (Revision of ISO/TS 81346-10:2015)	2021-08-23	ISO/DIS 16844-4	Road vehicles — Tachograph systems — Part 4: Display unit communication interface  (Revision of ISO 16844-4:2015)	2021-08-18
TC 17	Steel				
ISO/DIS 15179	Hot-rolled twin-roll cast steel sheet of structural quality and high strength steel  (Revision of ISO 15179:2012)	2021-08-24	ISO/DIS 16844-6	Road vehicles — Tachograph systems — Part 6: Diagnostic communication interfaces  (Revision of ISO 16844-6:2015)	2021-08-18
ISO/DIS 15211	Steel sheet, twin-roll cast, zinc-coated by the continuous hot-dip process, of structural quality and high strength (Revision of ISO 15211:2012)	2021-08-23	ISO/DIS 15037-3	Road vehicles — Tachograph systems — Part 7: Parameters  (Revision of ISO 16844-7:2015)	2021-08-09
TC 20	Aircraft and space vehicles				
ISO/DIS 8177	Aerospace — Omega clamps (saddle clamps) for fluid systems — Dimensions  (Revision of ISO 8177:2015)	2021-08-19	ISO/DIS 7876-5	Road vehicles — Vehicle dynamics test methods — Part 3: General conditions for passenger cars ride comfort tests  (Revision of ISO 7876-5:2004)	2021-07-26
TC 21	Equipment for fire protection and fire fighting				
ISO/DIS 14520-1	Gaseous fire-extinguishing systems — Physical properties and system design — Part 1: General requirements (Revision of ISO 14520-1:2015)	2021-08-02	ISO/DIS 6460-1	Fuel injection equipment — Vocabulary — Part 5: Common rail fuel injection system  (Revision of ISO 6460-1:2007, ISO 6460-1:2007/Amd 1:2015)	2021-08-02
ISO/DIS 14520-17	Gaseous fire-extinguishing systems — Physical properties and system design — Part 17: Halocarbon Blend 55	2021-08-03	TC 23	Tractors and machinery for agriculture and forestry	
ISO/DIS 21805	Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (Revision of ISO/TS 21805:2018)	2021-08-12	ISO/DIS 14982-1	Agricultural and forestry machinery — Electromagnetic compatibility — Part 1: General EMC requirements (Revision of ISO 14982:1998)	2021-07-30
TC 22	Road vehicles				
ISO/DIS 14229-3	Road vehicles — Unified diagnostic services (UDS) — Part 3: Unified diagnostic services on CAN implementation (UDSonCAN) (Revision of ISO 14229-3:2012)	2021-07-29	ISO/DIS 14982-2	Agricultural and forestry machinery — Electromagnetic compatibility — Part 2: Additional EMC requirements for functional safety (Revision of ISO 14982:1998)	2021-07-30
			ISO/DIS 3767-5	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Symbols for operator controls and other displays — Part 5: Symbols for manual portable forestry machines	2021-08-16

ISO/DIS 15639-2	(Revision of ISO 3767-5:2016) Radio frequency identification of animals — Standardization of injection sites for different animal species — Part 2: Equine (horses, donkeys, and zebras)	2021-08-18	ISO/DIS 23783-2	Automated liquid handling systems — Part 2: Part 2: Measurement procedures for the determination of volumetric performance (Revision of IWA 15:2015)	2021-08-16
TC 24	Particle characterization including sieving		ISO/DIS 23783-3	Automated liquid handling systems — Part 3: Determination, specification and reporting of volumetric performance (Revision of IWA 15:2015)	2021-08-16
ISO/DIS 9277	Determination of the specific surface area of solids by gas adsorption — BET method	2021-08-12	TC 58	Gas cylinders	
TC 34	Food products		ISO/DIS 11114-6	Gas cylinders — Compatibility of cylinder and valve materials with gas contents — Part 6: Oxygen pressure surge testing	2021-08-03
ISO/DIS 23637	Cereals — Determination of cadmium content by graphite furnace atomic absorption spectrometry with diluted nitric acid extraction	2021-08-23	TC 59	Buildings and civil engineering works	
ISO/DIS 24052	Spices and condiments — Dried sumac — Specification	2021-08-24	ISO/DIS 21931-1	Sustainability in buildings and civil engineering works — Framework for methods of assessment of the environmental, social and economic performance of construction works as a basis for sustainability assessment — Part 1: Buildings (Revision of ISO 21931-1:2010)	2021-08-09
TC 39	Machine tools		TC 61	Plastics	
ISO/DIS 10791-10	Test conditions for machining centres — Part 10: Evaluation of thermal distortions	2021-08-02	ISO/DIS 11359-2	Plastics — Thermomechanical analysis (TMA) — Part 2: Determination of coefficient of linear thermal expansion and glass transition temperature (Revision of ISO 11359-2:1999)	2021-07-28
TC 44	Welding and allied processes		ISO/DIS 2078	Textile glass — Yarns — Designation	2021-08-03
ISO/DIS 17636-2	Non-destructive testing of welds — Radiographic testing — Part 2: X- and gamma-ray techniques with digital detectors (Revision of ISO 17636-2:2013)	2021-07-28		(Revision of ISO 2078:1993/Amd 1:2015, ISO 2078:1993)	
ISO/DIS 18278-1	Resistance welding — Weldability — Part 1: General requirements for the evaluation of weldability for resistance spot, seam and projection welding of metallic materials (Revision of ISO 18278-1:2015)	2021-07-26	ISO/DIS 24360	Composites and reinforcements fibres — Carbon fibre reinforced plastics (CFRPs) and metal assemblies — Determination of the cross tension strength	2021-08-06
TC 45	Rubber and rubber products		TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
ISO/DIS 4664-1	Rubber, vulcanized or thermoplastic — Determination of dynamic properties — Part 1: General guidance (Revision of ISO 4664-1:2011)	2021-07-27	ISO/DIS 6368	Petroleum, petrochemical and natural gas industries — Dry gas sealing systems for axial, centrifugal, and rotary screw compressors and expanders (Revision of ISO 10438-4:2007)	2021-07-26
ISO/DIS 1658	Natural rubber (NR) — Evaluation procedure	2021-08-16	TC 70	Internal combustion engines	
	(Revision of ISO 1658:2015)		ISO/DIS 6826	Reciprocating internal combustion engines — Fire protection	2021-08-12
TC 46	Information and documentation			(Revision of ISO 6826:1997)	
ISO/DIS 24143	Information and documentation — Information Governance — Concept and principles	2021-08-03	TC 71	Concrete, reinforced concrete and pre-stressed concrete	
TC 48	Laboratory equipment		ISO/DIS 23945-1	Test methods for sprayed concrete — Part 1: Flash setting accelerating admixtures — Setting time	2021-08-11
ISO/DIS 23783-1	Automated liquid handling systems — Part 1: Part 1: Terminology and general requirements	2021-08-16			
	(Revision of IWA 15:2015)				

TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use		ISO/DIS 4821	Plain bearings — Dynamic adhesion test method for DLC coated parts under lubricated condition	2021-08-03
ISO/DIS 3749	Glass syringes — Determination of extractable Tungsten	2021-07-29	ISO/DIS 22507	Plain bearings — Fluid film bearing materials for vehicular turbocharger  (Revision of ISO 22507:2018)	2021-08-05
TC 85	Nuclear energy, nuclear technologies, and radiological protection		TC 127	Earth-moving machinery	
ISO/ASTM DIS 51310	Practice for use of a radiochromic optical waveguide dosimetry system  (Revision of ISO/ASTM 51310:2004)	2021-08-18	ISO/DIS 6165	Earth-moving machinery — Basic types — Identification and terms and definitions  (Revision of ISO 6165:2012)	2021-08-09
ISO/DIS 23547	Measurement of radioactivity — Gamma emitting radionuclides — Reference measurement standard specifications for the calibration of gamma-ray spectrometers	2021-08-16	TC 134	Fertilizers, soil conditioners and beneficial substances	
TC 86	Refrigeration and air-conditioning		ISO/DIS 7851	Fertilizers, soil conditioners and beneficial substances — Classification  (Revision of ISO 7851:1983)	2021-07-28
ISO/DIS 5149-4	Refrigerating systems and heat pumps — Safety and environmental requirements — Part 4: Operation, maintenance, repair and recovery (Revision of ISO 5149-4:2014)	2021-08-04	TC 138	Plastics pipes, fittings and valves for the transport of fluids	
ISO/DIS 16494	Heat recovery ventilators and energy recovery ventilators — Method of test for performance  (Revision of ISO 16494:2014)	2021-07-27	ISO/DIS 3459	Plastic piping systems — Mechanical joints between fittings and pressure pipes — Test method for leak tightness under negative pressure (Revision of ISO 3459:2015)	2021-08-12
TC 87	Cork		ISO/DIS 3501	Plastics piping systems — Mechanical joints between fittings and pressure pipes — Test method for resistance to pull-out under constant longitudinal force (Revision of ISO 3501:2015)	2021-08-09
ISO/DIS 9727-8	Cylindrical cork stoppers — Physical tests — Part 8: Determination of capillarity	2021-08-19	ISO/DIS 11296-9	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks — Part 9: Lining with a rigidly anchored plastics inner layer	2021-08-13
TC 96	Cranes		TC 142	Cleaning equipment for air and other gases	
ISO/DIS 12210	Cranes — Anchoring devices for in-service and out-of-service conditions  (Revision of ISO 12210-4:1998, ISO 12210-1:1998)	2021-07-26	ISO/DIS 10121-3	Test methods for assessing the performance of gas-phase air cleaning media and devices for general ventilation — Part 3: Classification system for GPACDs applied to treatment of outdoor air	2021-07-28
TC 107	Metallic and other inorganic coatings		TC 145	Graphical symbols	
ISO/DIS 4528	Vitreous and porcelain enamel finishes — Guide to selection of test methods for vitreous and porcelain enamelled areas of articles (Revision of ISO 4528:2015)	2021-08-03	ISO 7010:2019/DAmD 124	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 124: Safety sign M056 : Ventilate before and during entering	2021-08-05
TC 113	Hydrometry		ISO 7010:2019/DAmD 125	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 125: Safety sign M057 : Ensure continuous ventilation	2021-08-05
ISO/DIS 4373	Hydrometry — Water level measuring devices  (Revision of ISO 4373:2008)	2021-08-05	ISO 7010:2019/DAmD 126	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 126: Safety sign M058 : Entry only with supervisor outside	2021-08-05
TC 121	Anaesthetic and respiratory equipment		TC 147	Water quality	
ISO/DIS 81060-3.2	Non-invasive sphygmomanometers — Part 3: Clinical investigation of continuous automated measurement type	2021-06-28			
TC 123	Plain bearings				

ISO/DIS 13165-2	Water quality — Radium-226 — Part 2: Test method using emanometry  (Revision of ISO 13165-2:2014)	2021-08-20	ISO/DIS 18099	Thermal insulating products for building equipment and industrial installations — Determination of the coefficient of thermal expansion (Revision of ISO 18099:2013)	2021-08-04
TC 155	Nickel and nickel alloys		ISO/DIS 23766	Thermal insulating products for industrial installations — Determination of the coefficient of linear thermal expansion at sub-ambient temperatures	2021-08-04
ISO/DIS 11400	Nickel, ferronickels and nickel alloys — Determination of phosphorus content — Phosphovanadomolybdate spectrometric method (Revision of ISO 11400:1992)	2021-08-04	ISO/DIS 29465	Thermal insulating products for building applications — Determination of length and width  (Revision of ISO 29465:2008)	2021-08-04
TC 156	Corrosion of metals and alloys		ISO/DIS 29466	Thermal insulating products for building applications — Determination of thickness  (Revision of ISO 29466:2008)	2021-08-04
ISO/DIS 24020	Corrosion of metals and alloys — Standard test method for particle-free erosion corrosion of metallic materials by jet-in-slit	2021-07-26	ISO/DIS 29468	Thermal insulating products for building applications — Determination of flatness  (Revision of ISO 29468:2008)	2021-08-04
TC 159	Ergonomics		ISO/DIS 29469	Thermal insulating products for building applications — Determination of compression behaviour  (Revision of ISO 29469:2008)	2021-08-04
ISO/DIS 15537	Principles for selecting and using test persons for testing anthropometric aspects of industrial products and designs (Revision of ISO 15537:2004)	2021-07-29	ISO/DIS 29766	Thermal insulating products for building applications — Determination of tensile strength parallel to faces (Revision of ISO 29766:2008)	2021-08-05
TC 163	Thermal performance and energy use in the built environment		ISO/DIS 29768	Thermal insulating products for building applications — Determination of linear dimensions of test specimens (Revision of ISO 29768:2008)	2021-08-05
ISO/DIS 12623	Thermal insulating products for building equipment and industrial installations — Determination of short-term water absorption by partial immersion of preformed pipe insulation (Revision of ISO 12623:2011)	2021-08-05	ISO/DIS 29770	Thermal insulating products for building applications — Determination of thickness for floating-floor insulating products (Revision of ISO 29770:2008)	2021-08-05
ISO/DIS 12624	Thermal insulating products for building equipment and industrial installations — Determination of trace quantities of water soluble chloride, fluoride, silicate, sodium ions and pH (Revision of ISO 12624:2011)	2021-08-05	TC 181	Safety of toys	
ISO/DIS 12628	Thermal insulating products for building equipment and industrial installations — Determination of dimensions, squareness and linearity of preformed pipe insulation (Revision of ISO 12628:2011)	2021-08-05	ISO/DIS 8124-1	Safety of toys — Part 1: Safety aspects related to mechanical and physical properties  (Revision of ISO 8124-1:2018/Amd 2:2020, ISO 8124-1:2018, ISO 8124-1:2018/Amd 1:2020)	2021-08-16
ISO/DIS 12629	Thermal insulating products for building equipment and industrial installations — Determination of water vapour transmission properties of preformed pipe insulation (Revision of ISO 12629:2011)	2021-08-05	TC 184	Automation systems and integration	
ISO/DIS 18096	Thermal insulating products for building equipment and industrial installations — Determination of maximum service temperature for preformed pipe insulation (Revision of ISO 18096:2013)	2021-08-04	ISO/DIS 8000-1	Data quality — Part 1: Overview  (Revision of ISO/TS 8000-1:2011)	2021-07-30
ISO/DIS 18097	Thermal insulating products for building equipment and industrial installations — Determination of maximum service temperature (Revision of ISO 18097:2013)	2021-08-04	TC 190	Soil quality	
ISO/DIS 18098	Thermal insulating products for building equipment and industrial installations — Determination of the apparent density of preformed pipe insulation	2021-08-04	ISO/DIS 23992	Soil quality — Framework for detailed recording and monitoring of changes in dynamic soil properties	2021-08-19
			TC 202	Microbeam analysis	



ISO/DIS 23749	Microbeam analysis — Electron backscatter diffraction — Quantitative determination of austenite in steel	2021-08-09	ISO/DIS 17842-2	Safety of amusement rides and amusement devices — Part 2: Operation and use	2021-07-28
TC 206	Fine ceramics			(Revision of ISO 17842-2:2015)	
ISO/DIS 20507	Fine ceramics (advanced ceramics, advanced technical ceramics) — Vocabulary	2021-07-30	ISO/DIS 17842-3	Safety of amusement rides and amusement devices — Part 3: Requirements for inspection during design, manufacture, operation and use	2021-07-30
	(Revision of ISO 20507:2014)			(Revision of ISO 17842-3:2015)	
TC 210	Quality management and corresponding general aspects for medical devices		TC 260	Human resource management	
ISO/DIS 80369-2	Small-bore connectors for liquids and gases in healthcare applications — Part 2: Connectors for respiratory applications	2021-07-26	ISO/DIS 23326	Human Resource Management — Employee engagement — Guidelines	2021-08-04
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Period from 01 May to 01 June 2021

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

\* Available in English only

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## Standards published

New International Standards published between 01 May and 01 June 2021

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

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

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ISO 7320:2021	en	B	Aerospace — Couplings, threaded and sealed, for fluid systems — Dimensions	ISO 19206-3:2021	en	Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 3: Requirements for passenger vehicle 3D targets	G
ISO 14200:2021	en	C	Space environment (natural and artificial) — Process-based implementation of meteoroid and debris environment models (orbital altitudes below GEO + 2 000 km)	ISO 21233:2021	en	Heavy commercial vehicles and buses — Vehicle dynamics simulation and validation — Closing-curve test	C
ISO/TS 22295:2021	en	E	Space environment (natural and artificial) — Modelling of space environment impact on nanostructured materials — General principles	ISO 22735:2021	en	Road vehicles — Test method to evaluate the performance of lane-keeping assistance systems	D
ISO 24638:2021	en	E	Space systems — Pressure components and pressure system integration				
ISO 8080:2021	en fr	A	Aerospace — Anodic treatment of titanium and titanium alloys — Sulfuric acid process				



ISO 17536-1:2015/Amd 1:2021	en	Road vehicles — Aerosol separator performance test for internal combustion engines — Part 1: General — Amendment 1	XZ	ISO 11124-5:2019	fr	Preparation of steel substrates before application of paints and related products — Specifications for metallic blast-cleaning abrasives — Part 5: Cut steel wire	B
ISO 21782-4:2021	en	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 4: Performance testing of the DC/DC converter	B	TC 38		Textiles	
ISO 21782-5:2021	en	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 5: Operating load testing of the motor system	C	ISO 2313-1:2021	en	Textiles — Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery — Part 1: Method of the horizontally folded specimen	A
ISO 21782-7:2021	en	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 7: Operating load testing of the DC/DC converter	A	ISO 2313-2:2021	en	Textiles — Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery — Part 2: Method of the vertically folded specimen	B
TC 29		Small tools		TC 39		Machine tools	
ISO 8404:2021	en fr	Tools for moulding — Angle pins	B	ISO 3408-2:2021	en fr	Ball screws — Part 2: Nominal diameters, leads, nut dimensions and mounting bolts — Metric series	C
TC 30		Measurement of fluid flow in closed conduits		ISO 19085-17:2021	en fr	Woodworking machines — Safety — Part 17: Edge banding machines fed by chains	F
ISO/TR 12767:2007	fr	Measurement of fluid flow by means of pressure differential devices — Guidelines on the effect of departure from the specifications and operating conditions given in ISO 5167	E	TC 43		Acoustics	
ISO/TR 15377:2018	fr	Measurement of fluid flow by means of pressure-differential devices — Guidelines for the specification of orifice plates, nozzles and Venturi tubes beyond the scope of ISO 5167	E	ISO/TS 15666:2021	en	Acoustics — Assessment of noise annoyance by means of social and socio-acoustic surveys	C
TC 31		Tyres, rims and valves		ISO 22955:2021	en fr	Acoustics — Acoustic quality of open office spaces	F
ISO 5775-2:2021	fr	Bicycle tyres and rims — Part 2: Rims	C	ISO 26101-1:2021	en fr	Acoustics — Test methods for the qualification of the acoustic environment — Part 1: Qualification of free-field environments	D
TC 34		Food products		ISO 10140-1:2021	en fr	Acoustics — Laboratory measurement of sound insulation of building elements — Part 1: Application rules for specific products	G
ISO/TR 23304:2021	en	Food products — Guidance on how to express vitamins and their vitamins content	D	TC 44		Welding and allied processes	
ISO 14501:2021	en fr	Milk and milk powder — Determination of aflatoxin M1 content — Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography	B	ISO 3821:2019	en	Gas welding equipment — Rubber hoses for welding, cutting and allied processes	C
ISO 18449:2021	en	Green tea — Vocabulary	A	TC 45		Rubber and rubber products	
ISO 11056:2021	en fr	Sensory analysis — Methodology — Magnitude estimation method	E	ISO 6452:2021	en	Rubber- or plastics-coated fabrics — Determination of fogging characteristics of trim materials in the interior of automobiles	C
TC 35		Paints and varnishes		TC 46		Information and documentation	
ISO 3219-1:2021	en fr	Rheology — Part 1: Vocabulary and symbols for rotational and oscillatory rheometry	A	ISO 24083:2021	en	Information and documentation — International archives statistics	F
ISO 3219-2:2021	en fr	Rheology — Part 2: General principles of rotational and oscillatory rheometry	F	TC 54		Essential oils	
				ISO 4727:2021	en	Essential oil of palmarosa [Cymbopogon martini (Roxb.) W. Watson var. motia]	B
				ISO 7358:2021	en fr	Essential oils of bergamot, lemon, bitter orange and lime, fully or partially reduced in bergapten — Determination of bergapten content by high-performance liquid chromatography (HPLC)	B
				TC 58		Gas cylinders	

ISO 15245-1:2021	en fr	Gas cylinders — Parallel threads for connection of valves to gas cylinders — Part 1: Specification	B	ISO 8178-5:2021	en fr	Reciprocating internal combustion engines — Exhaust emission measurement — Part 5: Test fuels	G
ISO 18119:2018/ Amd 1:2021	en fr	Gas cylinders — Seamless steel and seamless aluminium-alloy gas cylinders and tubes — Periodic inspection and testing — Amendment 1	XZ	TC 79		Light metals and their alloys	
TC 59		Buildings and civil engineering works		ISO 10074:2021	en	Anodizing of aluminium and its alloys — Specification for hard anodic oxidation coatings on aluminium and its alloys	C
ISO 23234:2021	en	Buildings and civil engineering works — Security — Planning of security measures in the built environment	D	TC 82		Mining	
ISO 6707-4:2021	en	Buildings and civil engineering works — Vocabulary — Part 4: Facility management terms	A	ISO 19426-7:2021	en	Structures for mine shafts — Part 7: Rope guides	G
ISO 6927:2021	fr	Building and civil engineering sealants — Vocabulary	A	TC 85		Nuclear energy, nuclear technologies, and radiological protection	
ISO 24068-1:2021	en	Building and civil engineering sealants — Determination of the degree of cure — Part 1: Build-up of tensile properties in dumbbell-shaped specimens	A	ISO 18310-2:2021	en	Measurement and prediction of the ambient dose equivalent from patients receiving iodine 131 administration after thyroid ablation — Part 2: External effective dose of the caregivers after release from the hospital	B
ISO 24068-2:2021	en	Building and civil engineering sealants — Determination of the degree of cure — Part 2: Build-up of tensile and adhesion properties in test joint specimens	B	TC 86		Refrigeration and air-conditioning	
ISO/TR 23262:2021	en	GIS (geospatial) / BIM interoperability	G	ISO 13256-1:2021	en	Water-source heat pumps — Testing and rating for performance — Part 1: Water-to-air and brine-to-air heat pumps	F
ISO 21542:2021	en fr	Building construction — Accessibility and usability of the built environment	H	ISO 13256-2:2021	en	Water-source heat pumps — Testing and rating for performance — Part 2: Water-to-water and brine-to-water heat pumps	D
TC 61		Plastics		ISO 18326:2018/ Amd 1:2021	en	Non-ducted portable air-cooled air conditioners and air-to-air heat pumps having a single exhaust duct — Testing and rating for performance — Amendment 1	XZ
ISO 19935-3:2021	en	Plastics — Temperature modulated DSC — Part 3: Separation of overlapping thermal transitions	B	TC 89		Wood-based panels	
ISO 23673:2021	en	Plastics — Elasticity index — Determination of elastic property of melts	A	ISO 1096:2021	en	Plywood — Classification	A
ISO 14632:2021	en fr	Extruded sheets of polyethylene (PE-HD) — Requirements and test methods	B	TC 92		Fire safety	
TC 68		Financial services		ISO/TS 16733-2:2021	en	Fire safety engineering — Selection of design fire scenarios and design fires — Part 2: Design fires	G
ISO 10962:2021	en	Securities and related financial instruments — Classification of financial instruments (CFI) code	B	TC 96		Cranes	
TC 69		Applications of statistical methods		ISO/TS 23624:2021	en	Cranes — Safe use of high-performance fibre ropes in crane applications	F
ISO 16355-1:2021	en	Application of statistical and related methods to new technology and product development process — Part 1: General principles and perspectives of quality function deployment (QFD)	G	ISO 4301-3:2021	en fr	Cranes — Classification — Part 3: Tower cranes	B
TC 70		Internal combustion engines		TC 107		Metallic and other inorganic coatings	
				ISO 1463:2021	en fr	Metallic and oxide coatings — Measurement of coating thickness — Microscopical method	C
				ISO 3613:2021	en fr	Metallic and other inorganic coatings — Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys — Test methods	B

ISO 23216:2021	en fr	Carbon based films — Determination of optical properties of amorphous carbon films by spectroscopic ellipsometry	B	ISO 4152:2021	en	Glass-reinforced thermosetting plastics (GRP) pipes — Determination of the apparent axial long-term modulus of pipes subject to beam bending	B
TC 108		Mechanical vibration, shock and condition monitoring		TC 147		Water quality	
ISO 8041-2:2021	en fr	Human response to vibration — Measuring instrumentation — Part 2: Personal vibration exposure meters	G	ISO 11352:2012	ru	Water quality — Estimation of measurement uncertainty based on validation and quality control data	D
TC 120		Leather		ISO 22515:2021	en fr	Water quality — Iron-55 — Test method using liquid scintillation counting	D
ISO 14930:2012/Amd 1:2021	en	Leather — Leather for dress gloves — Specification — Amendment 1: Colour fastness to to-and-fro rubbing, tear load and colour fastness to light	XZ	TC 150		Implants for surgery	
TC 126		Tobacco and tobacco products		ISO 7206-10:2018/Amd 1:2021	en	Implants for surgery — Partial and total hip-joint prostheses — Part 10: Determination of resistance to static load of modular femoral heads — Amendment 1	XZ
ISO 10315:2021	en	Cigarettes — Determination of nicotine in total particulate matter from the mainstream smoke — Gas-chromatographic method	B	ISO 23089-2:2021	en	Implants for surgery — Pre-clinical mechanical assessment of spinal implants and particular requirements — Part 2: Spinal intervertebral body fusion devices	A
TC 127		Earth-moving machinery		TC 153		Valves	
ISO/TR 6750-2:2021	en fr	Earth-moving machinery — Operator's manual — Part 2: List of references	A	ISO 10631:2021	en	Industrial valves - Metallic butterfly valves	D
TC 130		Graphic technology		ISO 22153:2020	fr	Electric actuators for industrial valves — General requirements	D
ISO 2836:2021	en	Graphic technology — Prints and printing inks — Assessment of resistance of prints to various agents	B	ISO 23632:2021	en	Industrial valves — Design validation-testing of valves	C
ISO 12647-8:2021	en	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	D	TC 164		Mechanical testing of metals	
ISO 22934:2021	en	Graphic technology — Communication of offset ink properties	A	ISO 12106:2017	fr	Metallic materials — Fatigue testing — Axial-strain-controlled method	F
TC 131		Fluid power systems		TC 172		Optics and photonics	
ISO 11943:2021	en fr	Hydraulic fluid power — Online automatic particle-counting systems for liquids — Methods of calibration and validation	E	ISO 8600-8:2021	en	Endoscopes — Medical endoscopes and endotherapy devices — Part 8: Particular requirements for capsule endoscopes	A
TC 135		Non-destructive testing		ISO 19980:2021	en fr	Ophthalmic instruments — Corneal topographers	D
ISO 3452-1:2021	en fr	Non-destructive testing — Penetrant testing — Part 1: General principles	D	TC 173		Assistive products	
ISO 3452-2:2021	en fr	Non-destructive testing — Penetrant testing — Part 2: Testing of penetrant materials	D	ISO 11199-1:2021	en fr	Assistive products for walking manipulated by both arms — Requirements and test methods — Part 1: Walking frames	E
TC 138		Plastics pipes, fittings and valves for the transport of fluids		ISO 21801-1:2020	fr	Cognitive accessibility — Part 1: General guidelines	D
ISO 12176-5:2021	en	Plastics pipes and fittings — Equipment for fusion jointing polyethylene systems — Part 5: Two-dimensional data coding of components and data exchange format for PE piping systems	G	TC 183		Copper, lead, zinc and nickel ores and concentrates	
ISO 16486-5:2021	en fr	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	C	ISO 12743:2021	en	Copper, lead, zinc and nickel concentrates — Sampling procedures for determination of metal and moisture content	G
				TC 184		Automation systems and integration	

ISO 8000-2:2020/Amd 1:2021	en	Data quality — Part 2: Vocabulary — Amendment 1	A	ISO 19126:2021	en fr	Geographic information — Feature concept dictionaries and registers	F
ISO/TS 8000-81:2021	en	Data quality — Part 81: Data quality assessment: Profiling	B	ISO 19148:2021	fr	Geographic information — Linear referencing	H
ISO/TS 10303-18:2021	en	Industrial automation systems and integration — Product data representation and exchange — Part 18: Description methods: SysML XML to Web services transformation	G	ISO/TS 19166:2021	en	Geographic information — BIM to GIS conceptual mapping (B2GM)	D
TC 188		Small craft		ISO 19170-1:2021	en fr	Geographic information — Discrete Global Grid Systems Specifications — Part 1: Core Reference System and Operations, and Equal Area Earth Reference System	H
ISO/TS 23625:2021	fr	Small craft — Lithium-ion batteries	B	TC 212		Clinical laboratory testing and in vitro diagnostic test systems	
TC 195		Building construction machinery and equipment		ISO 20184-3:2021	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for frozen tissue — Part 3: Isolated DNA	C
ISO 18650-1:2021	en fr	Building construction machinery and equipment — Concrete mixers — Part 1: Commercial specifications	E	ISO 23118:2021	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes in metabolomics in urine, venous blood serum and plasma	C
TC 198		Sterilization of health care products		TC 215		Health informatics	
ISO 11737-1:2018/Amd 1:2021	en fr	Sterilization of health care products — Microbiological methods — Part 1: Determination of a population of microorganisms on products — Amendment 1	XZ	ISO/IEEE 11073-10101:2020	fr	Health informatics — Device interoperability — Part 10101: Point-of-care medical device communication — Nomenclature	H
TC 201		Surface chemical analysis		ISO 13131:2021	en	Health informatics — Telehealth services — Quality planning guidelines	F
ISO 18114:2021	en	Surface chemical analysis — Secondary-ion mass spectrometry — Determination of relative sensitivity factors from ion-implanted reference materials	A	ISO/TS 22691:2021	en	Health informatics — Token-based health information sharing	D
TC 204		Intelligent transport systems		ISO/TS 23541-1:2021	en	Health informatics — Categorical structure for representation of 3D human body position system — Part 1: Bones	B
ISO/TS 20684-2:2021	en	Intelligent transport systems — Roadside modules SNMP data interface — Part 2: Generalized field device basic management	F	TC 216		Footwear	
ISO 24014-1:2021	fr	Public transport — Interoperable fare management system — Part 1: Architecture	H	ISO 16186:2021	en fr	Footwear — Critical substances potentially present in footwear and footwear components — Determination of dimethyl fumarate (DMFU)	B
TC 207		Environmental management		TC 219		Floor coverings	
ISO 14097:2021	en fr	Greenhouse gas management and related activities — Framework including principles and requirements for assessing and reporting investments and financing activities related to climate change	F	ISO 4918:2016	fr	Resilient, textile and laminate floor coverings — Castor chair test	C
ISO 19694-1:2021	en fr	Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries — Part 1: General aspects	F	ISO 4918:2016/Amd 1:2018	fr	Resilient, textile and laminate floor coverings — Castor chair test — Amendment 1: Surface hardness	XZ
TC 210		Quality management and corresponding general aspects for medical devices		TC 228		Tourism and related services	
ISO 80369-7:2021	en fr	Small-bore connectors for liquids and gases in healthcare applications — Part 7: Connectors for intravascular or hypodermic applications	F	ISO/PAS 5643:2021	en	Tourism and related services — Requirements and guidelines to reduce the spread of Covid-19 in the tourism industry	F
TC 211		Geographic information/ Geomatics		TC 229		Nanotechnologies	
				ISO/TS 12025:2021	en fr	Nanomaterials — Quantification of nano-object release from powders by generation of aerosols	E

ISO/TS 21236-2:2021	en	Nanotechnologies — Clay nano-materials — Part 2: Specification of characteristics and measurements for clay nanoplates used for gas-barrier film applications	C	ISO 16075-4:2021	en	Guidelines for treated wastewater use for irrigation projects — Part 4: Monitoring	C
TC 232		Education and learning services		ISO 20468-4:2021	en	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 4: UV Disinfection	C
ISO 29995:2021	en	Education and learning services — Vocabulary	A	TC 291		Domestic gas cooking appliances	
TC 238		Solid biofuels		ISO/TS 21364-1:2021	en fr	Domestic gas cooking appliances — Safety — Part 1: General requirements	G
ISO 17225-2:2021	en fr	Solid biofuels — Fuel specifications and classes — Part 2: Graded wood pellets	B	ISO/TS 21364-21:2021	en fr	Domestic gas cooking appliances — Safety — Part 21: Particular requirements for gas hobs, gas grills and gas griddles	D
ISO 23343-1:2021	en fr	Solid biofuels — Determination of water sorption and its effect on durability of thermally treated biomass fuels — Part 1: Pellets	B	ISO/TS 21364-22:2021	en fr	Domestic gas cooking appliances — Safety — Part 22: Particular requirements for ovens and compartment grills	E
TC 249		Traditional Chinese medicine		TC 292		Security and resilience	
ISO 22466:2021	en	Traditional Chinese medicine — Laser acupoint devices	B	ISO/TS 22332:2021	en	Security and resilience — Business continuity management systems — Guidelines for developing business continuity plans and procedures	D
TC 260		Human resource management		TC 298		Rare earth	
ISO 30415:2021	en fr	Human resource management — Diversity and inclusion	F	ISO/TS 22451:2021	en	Recycling of rare earth elements — Methods for the measurement of rare earth elements in industrial waste and end-of-life products	B
ISO/TS 30421:2021	en	Human resource management — Turnover and retention metrics	C	TC 300		Solid recovered materials, including solid recovered fuels	
ISO/TS 30428:2021	en	Human resource management — Skills and capabilities metrics cluster	D	ISO 21640:2021	en fr	Solid recovered fuels — Specifications and classes	D
ISO/TS 30433:2021	en	Human resource management — Succession planning metrics cluster	C	TC 301		Energy management and energy savings	
TC 268		Sustainable cities and communities		ISO 50003:2021	en fr	Energy management systems — Requirements for bodies providing audit and certification of energy management systems	E
ISO 37155-2:2021	en	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	D	TC 309		Governance of organizations	
ISO 37164:2021	en	Smart community infrastructures — Smart transportation using fuel cell light rail transit (FC-LRT)	A	ISO 37301:2021	es	Compliance management systems — Requirements with guidance for use	F
TC 269		Railway applications		TMBG		Technical Management Board - groups	
ISO 22074-5:2021	en fr	Railway infrastructure — Rail fastening systems — Part 5: Test method for electrical resistance	B	ISO Guide 73:2009	ar	Risk management — Vocabulary	C
TC 276		Biotechnology		IULTCS		International Union of Leather Technologists and Chemists Societies	
ISO/TR 3985:2021	en	Biotechnology — Data publication — Preliminary considerations and concepts	D	ISO 18219-1:2021	en	Leather — Determination of chlorinated hydrocarbons in leather — Part 1: Chromatographic method for short-chain chlorinated paraffins (SCCPs)	C
TC 282		Water reuse		ISO 18219-2:2021	en	Leather — Determination of chlorinated hydrocarbons in leather — Part 2: Chromatographic method for middle-chain chlorinated paraffins (MCCPs)	C
ISO 16075-3:2021	en	Guidelines for treated wastewater use for irrigation projects — Part 3: Components of a reuse project for irrigation	F	JTC 1		Information technology	

ISO/IEC 30145-1:2021	en	Information technology — Smart City ICT reference framework — Part 1: Smart city business process framework	E	ISO/IEC TR 23091-4:2021	en	Information technology — Coding-independent code points — Part 4: Usage of video signal type code points	D
ISO/IEC 17982:2021	en	Information technology — Telecommunications and information exchange between systems — Close capacitive coupling communication physical layer (CCCC PHY)	G	ISO/IEC 19795-1:2021	en	Information technology — Biometric performance testing and reporting — Part 1: Principles and framework	G
ISO/IEC/IEEE 15026-4:2021	en	Systems and software engineering — Systems and software assurance — Part 4: Assurance in the life cycle	F	ISO/IEC TR 24030:2021	en	Information technology — Artificial intelligence (AI) — Use cases	H
ISO/IEC/IEEE 24774:2021	en	Systems and software engineering — Life cycle management — Specification for process description	E				
ISO/IEC 10373-6:2020/Amd 1:2021	en	Cards and security devices for personal identification — Test methods — Part 6: Contactless proximity objects — Amendment 1: Dynamic power level management	XZ				
ISO/IEC 14443-2:2020/Amd 1:2021	en	Cards and security devices for personal identification — Contactless proximity objects — Part 2: Radio frequency power and signal interface — Amendment 1: Dynamic power level management	XZ				
ISO/IEC 14443-3:2018/Amd 1:2021	en	Cards and security devices for personal identification — Contactless proximity objects — Part 3: Initialization and anticollision — Amendment 1: Dynamic power level management	XZ				
ISO/IEC 14443-4:2018/Amd 1:2021	en	Cards and security devices for personal identification — Contactless proximity objects — Part 4: Transmission protocol — Amendment 1: Dynamic power level management	XZ				
ISO/IEC 17839-2:2015/Amd 1:2021	en	Information technology — Biometric System-on-Card — Part 2: Physical characteristics — Amendment 1: Additional specifications for fingerprint biometric capture devices	XZ				
ISO/IEC TS 22924:2021	en	Identification cards — Transport layer topologies — Configuration for HCl/HCP interchange	D				
ISO/IEC TS 24192-1:2021	en	Cards and security devices for personal identification — Communication between contactless readers and fare media used in public transport — Part 1: Implementation requirements for ISO/IEC 14443 (all parts)	E				
ISO/IEC TS 24192-2:2021	en	Cards and security devices for personal identification — Communication between contactless readers and fare media used in public transport — Part 2: Test plan for ISO/IEC 14443 (all parts)	D				
ISO/IEC 23000-19:2020/Amd 1:2021	en	Information technology — Multimedia application format (MPEG-A) — Part 19: Common media application format (CMAF) for segmented media — Amendment 1: Additional CMAF HEVC media profiles	XZ				
ISO/IEC TR 23002-8:2021	en	Information technology — MPEG video technologies — Part 8: Working practices using objective metrics for evaluation of video coding efficiency experiments	B				

## Standards confirmed

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

TC 4	Rolling bearings
ISO 15242-2:2015	
ISO 21107:2015	
ISO 464:2015	
ISO 5753-1:2009	(reconfirmed)
ISO 3245:2015	
TC 8	Ships and marine technology
ISO 5488:2015	
TC 10	Technical product documentation
ISO 5457:1999	(reconfirmed)
ISO 11442:2006	(reconfirmed)
ISO 15226:1999	(reconfirmed)
TC 22	Road vehicles
ISO 7030:1987	(reconfirmed)
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO 2160:1998	(reconfirmed)
ISO 8754:2003	(reconfirmed)
ISO 10478:1994	(reconfirmed)
TC 31	Tyres, rims and valves
ISO 9112:2008	(reconfirmed)
TC 34	Food products
ISO/TS 18083:2013	(reconfirmed)
ISO 4831:2006	(reconfirmed)
ISO 4832:2006	(reconfirmed)
ISO 7932:2004	(reconfirmed)
ISO 11289:1993	(reconfirmed)
ISO/TS 17919:2013	(reconfirmed)
ISO 21567:2004	(reconfirmed)
TC 35	Paints and varnishes
ISO 4630:2015	
ISO 6271:2015	
ISO 8502-5:1998	(reconfirmed)



ISO/IEC  
11889-2:2015

ISO/IEC  
11889-3:2015

ISO/IEC  
11889-4:2015

ISO/IEC  
18328-1:2015

ISO/IEC (reconfirmed)  
24727-1:2014

ISO/IEC (reconfirmed)  
24727-2:2008

ISO/IEC  
15944-4:2015

ISO/IEC  
19763-7:2015

ISO/IEC  
19763-8:2015

ISO/IEC TS  
19763-13:2016

ISO/IEC TR  
24774:2010

(replaced by ISO/IEC/IEEE 24774:2021)

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## Meeting calendar

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The meeting calendar is available at

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

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## Standards withdrawn

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Period from 01 May to 01 June 2021

TC 6 ISO 638:2008	Paper, board and pulps (replaced by ISO 638-1:2021, ISO 638-2:2021)
TC 22 ISO/TR 9819:1991 ISO/TR 10603:1992 ISO/TR 11842:1997	Road vehicles (replaced by ) (replaced by ) (replaced by )
TC 35 ISO 3219:1993	Paints and varnishes (replaced by ISO 3219-1:2021, ISO 3219-2:2021)
TC 38 ISO 2313:1972	Textiles (replaced by ISO 2313-1:2021, ISO 2313-2:2021)
TC 39 ISO 18217:2015	Machine tools (replaced by ISO 19085-17:2021)
TC 98 ISO 4356:1977	Bases for design of structures (replaced by )
TC 204 ISO 14819-6:2006	Intelligent transport systems (replaced by )
TC 215 ISO/TS 13131:2014	Health informatics (replaced by ISO 13131:2021)
TC 216 ISO/TS 16186:2012	Footwear (replaced by ISO 16186:2021)
IULTCS ISO 18219:2015	International Union of Leather Technologists and Chemists Societies (replaced by ISO 18219-1:2021, ISO 18219-2:2021)
JTC 1	Information technology