

# ISO Update

Supplement to ISOfocus

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March 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 February to 01 March 2021

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 4	Rolling bearings
ISO/CD 12240-6	Spherical plain bearings — Part 6: Spherical plain bearings rod ends for hydraulic fluid power cylinders
TC 10	Technical product documentation
ISO/CD 24096	Technical product documentation (TPD) — Classification of requirements and specifications
ISO/CD 6284	Construction drawings — Indication of limit deviations
TC 20	Aircraft and space vehicles
ISO/CD 23135	Space systems — Verification program and management process
ISO/CD 24356	General requirements for tethered unmanned aircraft system
TC 22	Road vehicles
ISO/CD 6622-2	Internal combustion engines — Piston rings — Part 2: Rectangular rings made of steel
ISO/DTR 19222	Road vehicles — Injury risk curves for the THOR dummy
ISO/CD 5474-1	Electrically propelled road vehicles — Functional requirements and safety requirements for power transfer — Part 1: General
ISO/CD 5474-2	Electrically propelled road vehicles — Functional requirements and safety requirements for power transfer — Part 2: AC power transfer
ISO/CD 5474-3	Electrically propelled road vehicles — Functional requirements and safety requirements for power transfer — Part 3: DC power transfer
ISO/CD 11154	Road vehicles — Roof load carriers
TC 23	Tractors and machinery for agriculture and forestry
ISO/CD 3991	Agricultural machinery — Robotic feed systems — Safety

ISO/CD 4254-13	Agricultural machinery — Safety — Part 13: Large rotary mowers
ISO/CD 5718-1	Harvesting equipment — Requirements for cutting elements — Part 1: Blades used on rotary disc mowers and rotary drum mowers
ISO/CD 5718-2	Harvesting equipment — Requirements for cutting elements — Part 2: Blades used on large rotary mowers
ISO/CD 5231	Extended Farm Management Information Systems Data Interface (EFDI)
TC 31	Tyres, rims and valves
ISO/CD 4250-1	Earth-mover tyres and rims — Part 1: Tyre designation and dimensions
ISO/CD 4250-2	Earth-mover tyres and rims — Part 2: Loads and inflation pressures
TC 34	Food products
ISO/CD 17715	Flour from wheat ( <i>Triticum aestivum</i> L.) — Amperometric method for starch damage measurement
ISO/CD 24557	Pulses — Determination of moisture content — Air-oven method
TC 35	Paints and varnishes
ISO/DTR 5602	Sources of error when using electrochemical impedance spectroscopy for the evaluation of coatings and coating materials
ISO/CD 16925	Paints and varnishes — Determination of the resistance of coatings to pressure water-jetting
ISO/CD 22553-10	Paints and varnishes — Electro-deposition coatings — Part 10: Method for the determination of the edge protection on punched and lasered edges and holes
TC 38	Textiles
ISO/CD 18782	Textiles — Determination of dynamic hygroscopic heat generation
TC 42	Photography
ISO/DTS 17321-4	Graphic technology and photography — Colour characterization of digital still cameras (DSCs) — Part 4: Programmable light emission system
TC 45	Rubber and rubber products
ISO/CD 5260	Epoxidized natural rubber — Determination of epoxidation and ring opening level by NMR spectrometry
ISO/DTS 16095	Reclaimed rubber derived from products containing mainly natural rubber — Evaluation procedure
ISO/DTS 16096	Reclaimed isobutene-isoprene (IIR) rubber — Evaluation procedure
TC 61	Plastics
ISO/DTR 4763	Plastics — Environmental aspects — Analysis of relevant terms used in the sector and need for standardization
TC 70	Internal combustion engines
ISO/CD 7967-10	Reciprocating internal combustion engines — Vocabulary of components and systems — Part 10: Ignition systems
ISO/CD 7967-12	Reciprocating internal combustion engines — Vocabulary of components and systems — Part 12: Exhaust emission control systems
TC 79	Light metals and their alloys

ISO/CD 4155.2	Magnesium and magnesium alloys — Determination of nickel — Inductively coupled plasma optical emission spectrometric method	ISO/DTS 10839	Polyethylene pipes and fittings for the supply of gaseous fuels — Code of practice for design, handling and installation
ISO/CD 4177	Magnesium and magnesium alloys — Determination of chromium — Inductively coupled plasma atomic emission spectrometry	TC 145	Graphical symbols
ISO/CD 4181.2	Magnesium and magnesium alloys — Determination of strontium — Inductively coupled plasma optical emission spectrometric method	ISO/CD 20560-2	Safety information for the content of piping systems and tanks — Part 2: Tanks
ISO/CD 4188.2	Magnesium and magnesium alloys — Determination of arsenic — Inductively coupled plasma optical emission spectrometric method	TC 149	Cycles
TC 83	Sports and other recreational facilities and equipment	ISO/CD 6742-1	Cycles — Lighting and retro-reflective devices — Part 1: Lighting and light signalling devices
ISO/DIS 23659	Sports and recreational facilities — Trampoline parks — Safety requirements	ISO/CD 6742-2	Cycles — Lighting and retro-reflective devices — Part 2: Retro-reflective devices
TC 85	Nuclear energy, nuclear technologies, and radiological protection	ISO/CD 6742-3	Cycles — Lighting and retro-reflective devices — Part 3: Installation and use of lighting and retro-reflective devices
ISO/CD 9271	Decontamination of radioactively contaminated surfaces — Testing of decontamination agents for textiles	ISO/CD 6742-4	Cycles — Lighting and retro-reflective devices — Part 4: Lighting systems powered by the cycle's movement
ISO/CD 20044	Measurement of radioactivity in the environment — Air: Aerosols - Test method using sampling by filter media.	ISO/CD 6742-5	Cycles — Lighting and retro-reflective devices — Part 5: Lighting systems not powered by the cycle's movement
ISO/CD 20045	Measurement of radioactivity in the environment — Air: tritium — Test method using sampling by bubbler	TC 159	Ergonomics
ISO/DTR 24422	Development of a water equivalent phantom for the measurement of physical characteristics of specific models of radiosurgery treatment device	ISO/DTR 23454-1	Human performance in physical environments — Part 1: A performance framework
TC 91	Surface active agents	TC 163	Thermal performance and energy use in the built environment
ISO/DTS 21680.2	Surface active agents — Bio-based surfactants — Requirements and test methods	ISO/CD 24285	Thermal insulation for building equipment and industrial applications — Cellular Glass products — Specification
TC 92	Fire safety	TC 164	Mechanical testing of metals
ISO/DTS 19850	Fire tests — method for evaluating the potential use of LED (light emitting diode) as alternative to white light for measuring the smoke density and smoke production rate in fire test	ISO/DTR 12105	Metallic materials — Fatigue testing — General principles
TC 105	Steel wire ropes	ISO/DTS 21913	Temperature verification method applied to dynamic fatigue testing
ISO/CD 4344	Steel wire ropes for lifts — Minimum requirements	TC 184	Automation systems and integration
TC 118	Compressors and pneumatic tools, machines and equipment	ISO/CD 14649-2	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 2: General process data
ISO/CD 11148-13	Hand-held non-electric power tools — Safety requirements — Part 13: Fastener driving tools	ISO/CD 14649-3	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 3: Manufacturing features
TC 126	Tobacco and tobacco products	ISO/CD 14649-4	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 4: Process data for cutting
ISO/CD 24211	Vapour products — Determination of selected carbonyls in vapour product emissions	ISO/CD 14649-5	Industrial automation systems and integration — Physical device control — Data model for computerized numerical controllers — Part 5: Tools for cutting operations
TC 135	Non-destructive testing	ISO/CD 8000-1	Data quality — Part 1: Overview
ISO/CD 24543	Non-destructive testing - Acoustic emission testing - Verification of the receiving sensitivity spectra of piezoelectric acoustic emission sensors	TC 190	Soil quality
TC 136	Furniture	ISO/CD 11268-2	Soil quality — Effects of pollutants on earthworms — Part 2: Determination of effects on reproduction of <i>Eisenia fetida</i> / <i>Eisenia andrei</i>
ISO/CD 19682	Furniture — Tables — Test methods for the determination of stability, strength and durability	TC 199	Safety of machinery
TC 138	Plastics pipes, fittings and valves for the transport of fluids	ISO/CD 13855	Safety of machinery — Positioning of safeguards with respect to the approach of the human body
ISO/DTS 22101-1.3	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 1: General	TC 204	Intelligent transport systems
ISO/DTS 22101-2.3	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 2: Pipes	ISO/DTR 4447	Intelligent transport systems — Mobility integration — Comparison of two mainstream Integrated mobility concepts
		ISO/PRF TS 20684-2	Intelligent transport systems — Roadside modules SNMP data interface — Part 2: Generalized field device basic management

TC 205 ISO/CD 24365	Building environment design Radiators and convectors — Methods and rating for determining the heat output
TC 206 ISO/CD 24046	Fine ceramics Fine ceramics (advanced ceramics, advanced technical ceramics) Ceramic composites Methods of tests for reinforcements: Determination of the tensile properties of resin-impregnated yarn
TC 207 ISO/CD 14100	Environmental management Green Finance: Assessment of Green Financial Projects
TC 211 ISO/CD 19157-1	Geographic information/Geomatics Geographic information — Data quality — Part 1: General requirements
TC 215 ISO/CD TS 24289.2	Health informatics Health informatics — Hierarchical File Structure Specification for Secondary Storage of Health Related Information
TC 228 ISO/CD 13810	Tourism and related services Tourism and related services — Visits to industrial tourism organizations and to natural, cultural and historical sites — Requirements and recommendations
TC 249 ISO/CD 4154	Traditional Chinese medicine Traditional Chinese Medicine — Sinomenium acutum stem
TC 306 ISO/CD 23472-4	Foundry machinery Foundry machinery — Terminology — Part 4: Abrasive blasting machines and other equipment related to cleaning and finishing for casting
TMBG ISO/IEC CD Guide 99	Technical Management Board - groups International vocabulary of metrology — Basic and general concepts and associated terms (VIM)
JTC 1 ISO/IEC CD 24039	Information technology Information Technology - Smart city digital platform
ISO/IEC/IEEE CD 24641.2	Systems and Software engineering — Methods and tools for model-based systems and software engineering
ISO/IEC 14496-15:2019/CD Amd 3	Information technology — Coding of audio-visual objects — Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format — Amendment 3: Support for LCEVC
ISO/IEC 14496-30:2018/CD Amd 1	Information technology — Coding of audio-visual objects — Part 30: Timed text and other visual overlays in ISO base media file format — Amendment 1: Timing improvements
ISO/IEC CD 18181-4	Information technology — JPEG XL Image Coding System — Part 4: Reference software
ISO/IEC CD 21000-23	Information technology — Multimedia framework (MPEG-21) - — Part 23: MPEG IPR Smart Contracts
ISO/IEC 23000-19:2020/CD Amd 2	Information technology — Multimedia application format (MPEG-A) — Part 19: Common media application format (CMAF) for segmented media — Amendment 2: CMAF Media Profiles for MPEG-H 3D Audio, EVC, VVC and other technologies
ISO/IEC 23001-7:2016/CD Amd 2	Information technology — MPEG systems technologies — Part 7: Common encryption in ISO base media file format files — Amendment 2: Improvements on selective encryption

ISO/IEC CD 23001-18	Information technology — MPEG systems technologies — Part 18: EventMessage tracks in the ISO base media file format
ISO/IEC CD 23003-6	Information technology — MPEG audio technologies — Part 6: Unified speech and audio coding reference software
ISO/IEC DIS 23090-6/CD Amd 1	Information technology — Coded representation of immersive media — Part 6: Immersive media metrics — Amendment 1: Immersive media metrics for V3C Data and OMAF
ISO/IEC CD 23090-7	Information technology — Coded representation of immersive media — Part 7: Immersive media metadata
ISO/IEC CD 23090-14	Information technology — Coded representation of immersive media — Part 14: Scene Description for MPEG Media
ISO/IEC CD 23090-20	Information technology — Coded representation of immersive media — Part 20: Conformance for V-PCC
ISO/IEC CD 23090-21	Information technology — Coded representation of immersive media — Part 21: Reference Software for G-PCC
ISO/IEC CD 23090-22	Information technology — Coded representation of immersive media — Part 22: Conformance for G-PCC
ISO/IEC 23091-3:2018/CD Amd 1	Information technology — Coding-independent code points — Part 3: Audio — Amendment 1: Headphone support

## DIS circulated

Period from 01 February to 01 March 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 6 ISO/DIS 11093-4	Paper, board and pulps Paper and board — Testing of cores — Part 4: Measurement of dimensions  (Revision of ISO 11093-4:2016)	2021-05-06
TC 8 ISO/DIS 24136	Ships and marine technology Ships and marine technology – Pilot ladder winch reel	2021-04-27
TC 20 ISO/DIS 4579	Aircraft and space vehicles Aerospace — Drives, internal, TORX PARALOBE drive — Geometrical definition, gaging and technical requirements	2021-05-03

ISO/DIS 4580	Aerospace — Internal drive, TORX PARALOBE, driver bit — Geometrical definition, gaging and technical requirements	2021-05-11	TC 38	Textiles	
ISO/DIS 22893	Space systems — Software Product Assurance (SPA)	2021-05-11	ISO 20932-1:2018/DAMd 1	Textiles — Determination of the elasticity of fabrics — Part 1: Strip tests — Amendment 1	2021-04-26
TC 21	Equipment for fire protection and fire fighting		TC 39	Machine tools	
ISO/DIS 7240-31	Fire detection and alarm systems — Part 31: Resettable line-type heat detectors	2021-05-07	ISO/DIS 230-4	Test code for machine tools — Part 4: Circular tests for numerically controlled machine tools	2021-05-17
TC 22	Road vehicles		ISO/DIS 230-10	(Revision of ISO 230-4:2005) Test code for machine tools — Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools (Revision of ISO 230-10:2016)	2021-05-17
ISO/DIS 14229-2	Road vehicles — Unified diagnostic services (UDS) — Part 2: Session layer services	2021-05-06	ISO/DIS 26303	Machine tools — Short-term capability evaluation of machining processes on metal-cutting machine tools (Revision of ISO 26303:2012)	2021-05-18
ISO/DIS 26021-1	Road vehicles — End-of-life activation of in-vehicle pyrotechnic devices — Part 1: Application and communication interface (Revision of ISO 26021-1:2008)	2021-04-29	TC 41	Pulleys and belts (including veebelts)	
ISO/DIS 21111-8	Road vehicles — In-vehicle Ethernet — Part 8: Electrical 100-Mbit/s Ethernet transmission media, components and tests	2021-05-18	ISO/DIS 9982	Belt drives — Pulleys and V-ribbed belts for industrial applications — PH, PJ, PK, PL and PM profiles: dimensions (Revision of ISO 9982:1998)	2021-05-10
ISO/DIS 4138	Passenger cars — Steady-state circular driving behaviour — Open-loop test methods	2021-05-05	TC 44	Welding and allied processes	
ISO/DIS 7141	Road vehicles — Light alloy wheels — Lateral impact test	2021-05-11	ISO/DIS 4761	Non-destructive testing of welds — Phased array ultrasonic testing (PAUT) for thin-walled steel components — Acceptance levels	2021-05-18
ISO/DIS 17840-1	Road vehicles — Information for first and second responders — Part 1: Rescue sheet for passenger cars and light commercial vehicles (Revision of ISO 17840-1:2015)	2021-05-18	ISO/DIS 5173	Destructive tests on welds in metallic materials — Bend tests	2021-05-11
TC 23	Tractors and machinery for agriculture and forestry		ISO/DIS 10675-1	(Revision of ISO 5173:2009) Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 1: Steel, nickel, titanium and their alloys (Revision of ISO 10675-1:2016)	2021-05-06
ISO/DIS 24649	Agricultural irrigation equipment — Manually and hydraulically operated plastics valves	2021-04-27	ISO/DIS 1089	Resistance welding equipment — Electrode taper fits for spot welding equipment – Dimensions	2021-05-06
TC 24	Particle characterization including sieving		ISO/DIS 25901-2	(Revision of ISO 1089:1980) Welding and allied processes — Vocabulary — Part 2: Health and safety	2021-05-13
ISO/DIS 20804	Determination of the specific surface area of porous and particulate systems by small-angle X-ray scattering (SAXS)	2021-05-17	TC 45	Rubber and rubber products	
TC 31	Tyres, rims and valves		ISO/DIS 2929	Rubber hoses and hose assemblies for bulk fuel delivery by truck — Specification	2021-05-04
ISO/DIS 10231	Motorcycle tyres — Test methods for verifying tyre capabilities	2021-05-03	ISO/DIS 4671	(Revision of ISO 2929:2014) Rubber and plastics hoses and hose assemblies — Methods of measurement of the dimensions of hoses and the lengths of hose assemblies (Revision of ISO 4671:2007)	2021-05-04
TC 33	Refractories				
ISO/DIS 8840	Refractory materials — Determination of bulk density of granular materials (grain density)	2021-05-18			
	(Revision of ISO 8840:1987)				

ISO/DIS 6801	Rubber and plastics hoses — Determination of volumetric expansion  (Revision of ISO 6801:1983)	2021-05-10	ISO/DIS 4765	Chemically Induced UPE (ultra-weak photon emission) — Measurement as an analysis method of degradation of polymeric material	2021-04-30
ISO/DIS 8330	Rubber and plastics hoses and hose assemblies — Vocabulary  (Revision of ISO 8330:2014)	2021-05-05	ISO/DIS 13741-1	Plastics/rubber — Polymer dispersions and rubber latices (natural and synthetic) — Determination of residual monomers and other organic components by capillary-column gas chromatography — Part 1: Direct liquid injection method (Revision of ISO 13741-1:1998)	2021-04-26
ISO/DIS 13775-1	Thermoplastic tubing and hoses for automotive use — Part 1: Non-fuel applications  (Revision of ISO 13775-1:2015)	2021-05-04	TC 68	Financial services	
ISO/DIS 27126	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of hydrocarbons, solvents and chemicals — Specification (Revision of ISO 27126:2014)	2021-05-04	ISO/DIS 24165-1	Digital token identifier (DTI) — Registration, assignment and structure — Part 1: Method for registration and assignment	2021-05-03
ISO/DIS 27127	Thermoplastic multi-layer (non-vulcanized) hoses and hose assemblies for the transfer of liquid petroleum gas and liquefied natural gas — Specification (Revision of ISO 27127:2014)	2021-05-04	ISO/DIS 24165-2	Digital token identifier (DTI) — Registration, assignment and structure — Part 2: Data elements for registration	2021-04-30
ISO/DIS 6101-3	Rubber — Determination of metal content by atomic absorption spectrometry — Part 3: Determination of copper content (Revision of ISO 6101-3:2014)	2021-05-05	TC 70	Internal combustion engines	
ISO/DIS 6101-4	Rubber — Determination of metal content by atomic absorption spectrometry — Part 4: Determination of manganese content (Revision of ISO 6101-4:2014)	2021-05-05	ISO/DIS 8528-10	Reciprocating internal combustion engine driven current generating sets — Part 10: Measurement of airborne noise by the enveloping surface method (Revision of ISO 8528-10:1998)	2021-05-11
TC 48	Laboratory equipment		ISO/DIS 8178-2	Reciprocating internal combustion engines — Exhaust emission measurement — Part 2: Measurement of gaseous and particulate exhaust emissions under field conditions (Revision of ISO 8178-2:2008)	2021-05-12
ISO/DIS 22916	Microfluidic devices — Interoperability requirements for dimensions, connections and initial device classification (Revision of IWA 23:2016)	2021-05-07	TC 71	Concrete, reinforced concrete and pre-stressed concrete	
TC 54	Essential oils		ISO/DIS 18319-2	Fibre reinforced polymer (FRP) reinforcement for concrete structures — Part 2: Specifications of CFRP strips	2021-05-10
ISO/DIS 5093	Essential oil of lemon myrtle ( <i>Backhousia citriodora</i> F. Muell.), citral type	2021-05-07	TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	
TC 58	Gas cylinders		ISO/DIS 8536-15	Infusion equipment for medical use — Part 15: Light-protective infusion sets for single use	2021-05-17
ISO 10298:2018/DAMd 1	Gas cylinders — Gases and gas mixtures — Determination of toxicity for the selection of cylinder valve outlets — Amendment 1	2021-04-27	TC 79	Light metals and their alloys	
TC 59	Buildings and civil engineering works		ISO/DIS 7668	Anodizing of aluminium and its alloys — Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees (Revision of ISO 7668:2018)	2021-05-18
ISO/DIS 22058	Construction procurement — Guidance on strategy and tactics	2021-04-28	TC 92	Fire safety	
TC 61	Plastics		ISO/DIS 26367-3	Guidelines for assessing the adverse environmental impact of fire effluents — Part 3: Sampling and analysis	2021-04-26
ISO/DIS 489	Plastics — Determination of refractive index  (Revision of ISO 489:1999)	2021-04-26	TC 94	Personal safety -- Personal protective equipment	
ISO/DIS 14782	Plastics — Determination of haze for transparent materials  (Revision of ISO 14782:1999)	2021-04-26			

ISO/DIS 22568-4	Foot and leg protectors — Requirements and test methods for footwear components — Part 4: Non-metallic perforation resistant inserts (Revision of ISO 22568-4:2019)	2021-05-05	ISO/DIS 11295	Plastics piping systems used for the rehabilitation of pipelines — Classification and overview of strategic and operational activities (Revision of ISO 11295:2017)	2021-04-26
TC 106	Dentistry		TC 146	Air quality	
ISO/DIS 7494-2	Dentistry — Stationary dental units — Part 2: Air, water, suction and wastewater systems (Revision of ISO 7494-2:2015)	2021-05-06	ISO/DIS 21438-1	Workplace atmospheres — Determination of inorganic acids by ion chromatography — Part 1: Non-volatile acids (sulfuric acid and phosphoric acid) (Revision of ISO 21438-1:2007)	2021-05-18
TC 121	Anaesthetic and respiratory equipment		ISO/DIS 23435	Air quality — Test methods for snow depth sensors	2021-05-11
ISO/DIS 10079-1	Medical suction equipment — Part 1: Electrically powered suction equipment (Revision of ISO 10079-1:2015, ISO 10079-1:2015/Amd 1:2018)	2021-05-17	TC 147	Water quality	
ISO/DIS 10079-2	Medical suction equipment — Part 2: Manually powered suction equipment (Revision of ISO 10079-2:2014)	2021-05-17	ISO/DIS 23196	Water quality — Calculation of biological equivalence (BEQ) concentrations	2021-05-17
ISO/DIS 10079-3	Medical suction equipment — Part 3: Suction equipment powered from a vacuum or positive pressure gas source (Revision of ISO 10079-3:2014)	2021-05-17	TC 150	Implants for surgery	
TC 122	Packaging		ISO/DIS 9713	Neurosurgical implants — Self-closing intracranial aneurysm clips (Revision of ISO 9713:2002)	2021-04-28
ISO/DIS 23416	General specifications and testing methods for temperature-sensitive medicinal packages in Good Distribution Practice principles	2021-04-26	ISO/DIS 5832-5	Implants for surgery — Metallic materials — Part 5: Wrought cobalt-chromium-tungsten-nickel (Revision of ISO 5832-5:2005)	2021-05-06
ISO/DIS 23417	General specifications and validation methods for non-sterile medical device packages in good distribution practice principles	2021-05-03	ISO/DIS 5832-6	Implants for surgery — Metallic materials — Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (Revision of ISO 5832-6:1997)	2021-05-06
TC 126	Tobacco and tobacco products		TC 156	Corrosion of metals and alloys	
ISO/DIS 16055	Tobacco and tobacco products — Monitor test piece for smoking machine — Requirements and use (Revision of ISO 16055:2019)	2021-05-11	ISO/DIS 12696	Cathodic protection of steel in concrete (Revision of ISO 12696:2016)	2021-05-10
TC 130	Graphic technology		TC 163	Thermal performance and energy use in the built environment	
ISO/DIS 24487-1	Graphic technology — Process-less plates — Part 1: Evaluation methods for characteristics and performance	2021-04-28	ISO/DIS 12241	Thermal insulation for building equipment and industrial installations — Calculation rules (Revision of ISO 12241:2008)	2021-05-18
TC 132	Ferroalloys		TC 164	Mechanical testing of metals	
ISO/DIS 4298	Manganese ores and concentrates — Determination of manganese content — Potentiometric method (Revision of ISO 4298:1984)	2021-04-26	ISO/DIS 23296	Metallic materials – Fatigue testing – Force controlled thermo-mechanical fatigue testing method	2021-04-29
TC 138	Plastics pipes, fittings and valves for the transport of fluids		TC 168	Prosthetics and orthotics	
ISO 9624:2019/ DAmd 1	Thermoplastics piping systems for fluids under pressure — Flange adapters and loose backing flanges — Mating dimensions — Amendment 1	2021-05-18	ISO/DIS 24562	Prosthetics — Geometrical aspects of lower limb prosthetic adapters	2021-05-18
			TC 172	Optics and photonics	
			ISO/DIS 8980-3	Ophthalmic optics — Uncut finished spectacle lenses — Part 3: Transmittance specifications and test methods (Revision of ISO 8980-3:2013)	2021-05-18

TC 173	Assistive products			TC 219	Floor coverings		
ISO/DIS 16840-12	Wheelchair seating — Part 12: Envelopment and immersion characterization of seat cushions using a dual semispherical indenter (Revision of ISO/TS 16840-12:2015)	2021-05-03		ISO/DIS 23999	Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat (Revision of ISO 23999:2018)		2021-05-17
ISO/DIS 24669	Water-absorbent polyacrylate in urine absorbing products — Requirements		2021-05-18	TC 268	Sustainable cities and communities		
TC 184	Automation systems and integration			ISO/DIS 37168	Smart community infrastructures — Guidance on smart transportation by autonomous shuttle		2021-05-10
ISO/DIS 8000-66	Data quality — Part 66: Data quality management: Assessment indicators for data processing in manufacturing operations	2021-04-26		ISO/DIS 37181	Smart community infrastructures — Smart transportation by autonomous vehicle on public roads		2021-05-11
TC 198	Sterilization of health care products			TC 292	Security and resilience		
ISO 11137-2:2013/DAMd 1	Sterilization of health care products — Radiation — Part 2: Establishing the sterilization dose — Amendment 1	2021-04-26		ISO/DIS 28000	Security and resilience - Security management systems – Requirements for the supply chain  (Revision of ISO 28000:2007)		2021-05-18
TC 204	Intelligent transport systems			TC 293	Feed machinery		
ISO/DIS 13111-2	Intelligent transport systems (ITS) — The use of personal ITS station to support ITS service provision for travelers — Part 2: General requirements for data exchange between ITS stations	2021-05-11		ISO/DIS 24378	Feed machinery terminology		2021-05-18
TC 212	Clinical laboratory testing and in vitro diagnostic test systems			TC 324	Sharing economy		
ISO/DIS 4307	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for saliva — Isolated human DNA	2021-05-06		ISO/DIS 42500	Sharing economy — Terminology and principles		2021-05-06
ISO/DIS 16256	Clinical laboratory testing and in vitro diagnostic test systems — Broth micro-dilution reference method for testing the in vitro activity of antimicrobial agents against yeast fungi involved in infectious diseases (Revision of ISO 16256:2012)	2021-05-06		JTC 1	Information technology		
TC 217	Cosmetics			ISO/IEC DIS 20009-3	Information security — Anonymous entity authentication — Part 3: Mechanisms based on blind signatures		2021-04-28
ISO/DIS 23821	Cosmetics — Analytical methods — Determination of traces of mercury in cosmetics by atomic absorption spectrometry (AAS) cold vapour technology after pressure digestion	2021-04-29		ISO/IEC DIS 23008-6	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 6: 3D audio reference software (Revision of ISO/IEC 23008-6:2020)		2021-04-28
ISO/DIS 24442	Cosmetics — Sun protection test methods — In vivo determination of sunscreen UVA protection  (Revision of ISO 24442:2011)	2021-05-17		ISO/IEC DIS 23008-9	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 9: 3D Audio conformance testing (Revision of ISO/IEC 23008-9:2019)		2021-04-28
ISO 24444:2019/DAMd 1	Cosmetics — Sun protection test methods — In vivo determination of the sun protection factor (SPF) — Amendment 1	2021-05-13		ISO/IEC 23090-8:2020/DAMd 1	Information technology — Coded representation of immersive media — Part 8: Network based media processing — Amendment 1: NBMP function templates		2021-05-13
TC 218	Timber			ISO/IEC DIS 29140	Information technology for learning, education and training — Nomadicity and mobile technologies (Revision of ISO/IEC TS 29140:2020)		2021-05-10
ISO/DIS 13061-18	Physical and mechanical properties of wood — Test methods for small clear wood specimens — Part 18: Vocabulary (Revision of ISO 9086-1:1987)	2021-05-18		ISO/IEC DIS 38503	Information technology — Governance of IT — Assessment of governance of IT		2021-04-30



## FDIS circulated

Period from 01 February to 01 March 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

		Vote terminates		
			ISO/FDIS 21927-3.2	Smoke and heat control systems — Part 3: Specifications for powered smoke and heat exhaust ventilators (Revision of ISO 21927-3:2006, ISO 21927-3:2006/Amd 1:2010) 2021-04-02
			TC 22	Road vehicles
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## Standards published

New International Standards published between 01 February and 01 March 2021

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

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

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ISO 23748:2016/Amd 1:2021	en	Aerospace series — O-ring grooves — Dimensions — Amendment 1	XZ		ISO 24627-3:2021	en fr	Language resource management — Comprehensive Annotation Framework (ComAF) — Part 3: Diagrammatic semantic authoring (DSA)		B
ISO 20893:2021	en	Space systems — Detailed space debris mitigation requirements for launch vehicle orbital stages	B		TC 44		Welding and allied processes		
ISO 24917:2020	ru	Space systems — General test requirements for launch vehicles	F		ISO 17677-1:2021		Resistance welding — Vocabulary — Part 1: Spot, projection and seam welding		A
ISO 23665:2021	en	Unmanned aircraft systems — Training for personnel involved in UAS operations	E		ISO 17279-3:2021	en fr	Welding — Micro joining of second generation high temperature superconductors — Part 3: Test methods for joints		F
TC 22		Road vehicles			TC 45		Rubber and rubber products		
ISO 6969:2004/Amd 1:2021	en	Road vehicles — Sound signalling devices — Tests after mounting on vehicle — Amendment 1	XZ		ISO 6914:2021	en	Rubber, vulcanized or thermoplastic — Determination of ageing characteristics by measurement of stress relaxation in tension		B
ISO 21612:2021	en	Road vehicles — Crosstalk determination for multi-axis load cell	A		TC 59		Buildings and civil engineering works		
TC 23		Tractors and machinery for agriculture and forestry			ISO 23234:2021	en	Buildings and civil engineering works — Security — Planning of security measures in the built environment		D
ISO 6489-3:2021	en fr	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 3: Tractor drawbar	B		TC 61		Plastics		
ISO 21191:2021	en fr	Equipment for crop protection — Closed transfer systems (CTS) — Performance specification	D		ISO 1628-1:2021	en fr	Plastics — Determination of the viscosity of polymers in dilute solution using capillary viscometers — Part 1: General principles		C
ISO 11839:2021	en fr	Machinery for forestry — Thrown object guard — Test method and performance criteria	B		ISO 6721-3:2021	en fr	Plastics — Determination of dynamic mechanical properties — Part 3: Flexural vibration — Resonance-curve method		C
TC 29		Small tools			ISO 11357-4:2021	en fr	Plastics — Differential scanning calorimetry (DSC) — Part 4: Determination of specific heat capacity		B



ISO 11357-8:2021	en fr	Plastics — Differential scanning calorimetry (DSC) — Part 8: Determination of thermal conductivity	C	TC 85		Nuclear energy, nuclear technologies, and radiological protection	
ISO 11443:2021	en	Plastics — Determination of the fluidity of plastics using capillary and slit-die rheometers	F	ISO 20046:2019	fr	Radiological protection — Performance criteria for laboratories using Fluorescence In Situ Hybridization (FISH) translocation assay for assessment of exposure to ionizing radiation	F
ISO 16790:2021	en	Plastics — Determination of drawing characteristics of thermoplastics in the molten state	C	ISO 8299:2019	fr	Nuclear fuel technology — Determination of the isotopic and elemental uranium and plutonium concentrations of nuclear materials in nitric acid solutions by thermal-ionization mass spectrometry	D
ISO 23976:2021	en	Plastics — Fast differential scanning calorimetry (FSC) — Chip calorimetry	E	TC 86		Refrigeration and air-conditioning	
ISO 24024-1:2021	en fr	Plastics — Homopolymer and copolymer resins of vinyl chloride — Part 1: Designation system and basis for specifications	B	ISO 21978:2021	en	Heat pump water heater — Testing and rating at part load conditions and calculation of seasonal coefficient of performance for space heating	F
ISO 24024-2:2021	en fr	Plastics — Homopolymer and copolymer resins of vinyl chloride — Part 2: Preparation of test samples and determination of properties	A	TC 92		Fire safety	
ISO 24047:2021	en	Plastics — Polyethylene (PE) and polypropylene (PP) thermoplastics — Determination of metal content by ICP-OES	B	ISO 3008-4:2021	en	Fire resistance tests — Door and shutter assemblies — Part 4: Linear joint fire seal materials used to seal the gap between a fire door frame and the supporting construction	B
ISO 24076:2021	en	Plastics — Polypropylene (PP) — Determination of isotactic index by low-resolution nuclear magnetic resonance spectrometry	B	ISO/TR 16312-2:2021	fr	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	F
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		TC 94		Personal safety -- Personal protective equipment	
ISO 15663:2021	en	Petroleum, petrochemical and natural gas industries — Life cycle costing	H	ISO 19734:2021	en fr	Eye and face protection — Guidance on selection, use and maintenance	F
ISO 21857:2021	en fr	Petroleum, petrochemical and natural gas industries — Prevention of corrosion on pipeline systems influenced by stray currents	G	ISO 13688:2013/ Amd 1:2021	en fr	Protective clothing — General requirements — Amendment 1	XZ
TC 68		Financial services		ISO 19918:2017/ Amd 1:2021	en fr	Protective clothing — Protection against chemicals — Measurement of cumulative permeation of chemicals with low vapour pressure through materials — Amendment 1: Extraction and chemical analysis	XZ
ISO 6166:2021	en	Financial services — International securities identification number (ISIN)	C	ISO/TR 21808:2021	en	Guidance on the selection, use, care and maintenance of personal protective equipment (PPE) designed to provide protection for firefighters	G
TC 76		Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use		ISO 17420-6:2021	en fr	Respiratory protective devices — Performance requirements — Part 6: Special application escape - Filtering RPD and supplied breathable gas RPD	E
ISO 8536-12:2021	en fr	Infusion equipment for medical use — Part 12: Check valves for single use	B	ISO 17420-7:2021	en fr	Respiratory protective devices — Performance requirements — Part 7: Special application marine, mining, welding, and abrasive blasting - Filtering RPD and supplied breathable gas RPD	E
TC 82		Mining		TC 106		Dentistry	
ISO 23875:2021	en	Mining — Air quality control systems for operator enclosures — Performance requirements and test methods	D	ISO 4823:2021	en fr	Dentistry — Elastomeric impression and bite registration materials	E
TC 83		Sports and other recreational facilities and equipment					
ISO 20957-6:2021	en fr	Stationary training equipment — Part 6: Treadmills, additional specific safety requirements and test methods	C				

ISO 15854:2021	fr	Dentistry — Casting and baseplate waxes	D	ISO 22031:2021	en	Sampling and test method for cleanable filter media taken from filters of systems in operation	D
TC 119		Powder metallurgy		TC 146		Air quality	
ISO 28080:2021	en fr	Hardmetals — Abrasion tests for hardmetals	C	ISO 21741:2020	fr	Stationary source emissions — Sampling and determination of mercury compounds in flue gas using gold amalgamation trap	E
TC 123		Plain bearings		TC 154		Processes, data elements and documents in commerce, industry and administration	
ISO 12167-2:2021	en	Plain bearings — Hydrostatic plain journal bearings with drainage grooves under steady-state conditions — Part 2: Characteristic values for the calculation of oil-lubricated plain journal bearings with drainage grooves	B	ISO 15000-1:2021	en	Electronic business eXtensible Markup Language (ebXML) — Part 1: Messaging service core specification	H
TC 126		Tobacco and tobacco products		ISO 15000-2:2021	en	Electronic business eXtensible Markup Language (ebXML) — Part 2: Applicability Statement (AS) profile of ebXML messaging service	G
ISO 19290:2021	en fr	Cigarettes — Determination of tobacco specific nitrosamines in mainstream cigarette smoke — Method using LC-MS/MS	C	ISO 19626-2:2021	en	Processes, data elements and documents in commerce, industry and administration — Trusted communication platform for electronic documents — Part 2: Applications	G
ISO 21766:2021	en	Tobacco and tobacco products — Determination of tobacco-specific nitrosamines in tobacco products — Method using LC-MS/MS	C	TC 156		Corrosion of metals and alloys	
TC 131		Fluid power systems		ISO 22848:2021	en	Corrosion of metals and alloys — Test method for measuring the stress corrosion crack growth rate of steels and alloys under static-load conditions in high-temperature water	D
ISO/TR 4808:2021	en	Hydraulic fluid power – Interpolation method for particle count and filter test data	B	TC 163		Thermal performance and energy use in the built environment	
ISO/TR 4813:2021	en	Hydraulic fluid power — Background, impact and use of ISO 11171:2020 on particle count and filter test data	D	ISO 21901:2021	en fr	Thermal insulation — Test method for thermal diffusivity — Periodic heat method	C
ISO 7425-1:2021	en fr	Hydraulic fluid power cylinders — Dimensions and tolerances of housings for elastomer-energized, plastic-faced seals — Part 1: Piston seal housings	B	TC 164		Mechanical testing of metals	
ISO 7425-2:2021	en fr	Hydraulic fluid power cylinders — Dimensions and tolerances of housings for elastomer-energized, plastic-faced seals — Part 2: Rod seal housings	B	ISO 12004-2:2021	en fr	Metallic materials — Determination of forming-limit curves for sheet and strip — Part 2: Determination of forming-limit curves in the laboratory	E
TC 134		Fertilizers, soil conditioners and beneficial substances		ISO 1099:2017	fr	Metallic materials — Fatigue testing — Axial force-controlled method	D
ISO 22145:2021	en fr	Fertilizers and soil conditioners — Mineral soil amendments — Determination of total calcium and magnesium content	A	TC 172		Optics and photonics	
TC 136		Furniture		ISO 14132-3:2021	en	Optics and photonics — Vocabulary for telescopic systems — Part 3: Terms for telescopic sights	A
ISO 24496:2021	en fr	Office furniture — Office chairs — Methods for the determination of dimensions	G	ISO 14135-1:2021	en	Optics and photonics — Specifications for telescopic sights — Part 1: General-purpose instruments	B
TC 138		Plastics pipes, fittings and valves for the transport of fluids		ISO 14135-2:2021	en	Optics and photonics — Specifications for telescopic sights — Part 2: High-performance instruments	B
ISO 11296-4:2018/Amd 1:2021	en	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks — Part 4: Lining with cured-in-place pipes — Amendment 1: Updated definitions, marking requirements and procedure for alternative expression of flexural test results	XZ	ISO 14490-10:2021	en	Optics and photonics — Test methods for telescopic systems — Part 10: Test methods for axial colour performance	A
TC 142		Cleaning equipment for air and other gases		TC 173		Assistive products	
				ISO 17190-2:2021	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 2: Test method for determination of the amount of residual acrylate monomers	B

TC 188		Small craft							
ISO 7840:2021	en fr	Small craft — Fire-resistant fuel hoses		B	ISO 22185-1:2021	en	Diagnosing moisture damage in buildings and implementing countermeasures — Part 1: Principles, nomenclature and moisture transport mechanisms		D
ISO 8469:2021	en fr	Small craft — Non-fire-resistant fuel hoses		B	ISO 52127-1:2021	en fr	Energy performance of buildings — Building management system — Part 1: Module M10-12		C
ISO 12133:2021	en fr	Small craft — Carbon monoxide (CO) detection systems and alarms		C	ISO/TR 52127-2:2021	en	Energy performance of buildings — Building automation, controls and building management — Part 2: Explanation and justification of ISO 52127-1		B
TC 194		Biological and clinical evaluation of medical devices			TC 206		Fine ceramics		
ISO 10993-23:2021	fr	Biological evaluation of medical devices — Part 23: Tests for irritation		G	ISO 14705:2016	fr	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for hardness of monolithic ceramics at room temperature		D
TC 198		Sterilization of health care products			ISO 17172:2014	fr	Fine ceramics (advanced ceramics, advanced technical ceramics) — Determination of compaction properties of ceramic powders		B
ISO 17664-2:2021	en fr	Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices — Part 2: Non-critical medical devices		D	ISO 21820:2021	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Ultraviolet photoluminescence image test method for analysing polytypes of boron- and nitrogen-doped SiC crystals		E
ISO/TS 22421:2021	fr	Sterilization of health care products — Common requirements for sterilizers for terminal sterilization of medical devices in health care facilities		F	TC 207		Environmental management		
TC 199		Safety of machinery			ISO 14053:2021	en	Environmental management — Material flow cost accounting — Guidance for phased implementation in organizations		C
ISO/TR 22053:2021	en	Safety of machinery — Safeguarding supportive system		B	ISO 14091:2021	en fr	Adaptation to climate change — Guidelines on vulnerability, impacts and risk assessment		F
TC 201		Surface chemical analysis			TC 209		Cleanrooms and associated controlled environments		
ISO 14707:2021	en	Surface chemical analysis — Glow discharge optical emission spectrometry (GD-OES) — Introduction to use		B	ISO 14644-17:2021	en fr	Cleanrooms and associated controlled environments — Part 17: Particle deposition rate applications		D
TC 202		Microbeam analysis			TC 211		Geographic information/ Geomatics		
ISO 15632:2021	en	Microbeam analysis — Selected instrumental performance parameters for the specification and checking of energy-dispersive X-ray spectrometers (EDS) for use with a scanning electron microscope (SEM) or an electron probe microanalyser (EPMA)		C	ISO 19135-1:2015/Amd 1:2021	en fr	Geographic information — Procedures for item registration — Part 1: Fundamentals — Amendment 1		XZ
TC 204		Intelligent transport systems			TC 213		Dimensional and geometrical product specifications and verification		
ISO 14819-2:2021	en	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 2: Event and information codes for Radio Data System-Traffic Message Channel (RDS-TMC) using ALERT-C		H	ISO 22081:2021	en fr	Geometrical product specifications (GPS) — Geometrical tolerancing — General geometrical specifications and general size specifications		C
ISO 14819-3:2021	en	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 3: Location referencing for Radio Data System-Traffic Message Channel (RDS-TMC) using ALERT-C		G	TC 215		Health informatics		
ISO/TR 21186-2:2021	en	Cooperative intelligent transport systems (C-ITS) — Guidelines on the usage of standards — Part 2: Hybrid communications		E	ISO/TR 11633-2:2021	en	Health informatics — Information security management for remote maintenance of medical devices and medical information systems — Part 2: Implementation of an information security management system (ISMS)		G
ISO/TR 21186-3:2021	en	Cooperative intelligent transport systems (C-ITS) — Guidelines on the usage of standards — Part 3: Security		H	TC 221		Geosynthetics		
TC 205		Building environment design			ISO 12958-2:2020	fr	Geotextiles and geotextile-related products — Determination of water flow capacity in their plane — Part 2: Performance test		C

ISO 25619-1:2021	en fr	Geosynthetics — Determination of compression behaviour — Part 1: Compressive creep properties	C	ISO 22341:2021	fr	Security and resilience — Protective security — Guidelines for crime prevention through environmental design	D
<b>TC 238</b>				<b>TC 296</b>			
<b>Solid biofuels</b>				<b>Bamboo and rattan</b>			
ISO 17225-3:2021	en fr	Solid biofuels — Fuel specifications and classes — Part 3: Graded wood briquettes	B	ISO 23066:2021	en	Vocabulary related to rattan materials and products	A
ISO 17225-4:2021	en fr	Solid biofuels — Fuel specifications and classes — Part 4: Graded wood chips	B	TC 299	<b>Robotics</b>		
<b>TC 260</b>				ISO 22166-1:2021	en	Robotics — Modularity for service robots — Part 1: General requirements	G
<b>Human resource management</b>				<b>TC 300</b>			
ISO/TS 30423:2021	en fr	Human resource management — Compliance and ethics metrics cluster	C	<b>Solid recovered materials, including solid recovered fuels</b>			
<b>TC 264</b>				ISO 21656:2021	en fr	Solid recovered fuels — Determination of ash content	C
<b>Fireworks</b>				<b>TC 300</b>			
ISO 22863-6:2021	en fr	Fireworks — Test methods for determination of specific chemical substances — Part 6: Zirconium with a particle size of less than 40 µm by inductively coupled plasma optical emission spectrometry (ICP-OES)	B	ISO 21912:2021	en fr	Solid recovered fuels — Safe handling and storage of solid recovered fuels	F
ISO 22863-7:2021	en fr	Fireworks — Test methods for determination of specific chemical substances — Part 7: Chlorates content by chemical titration analysis	A	<b>TMBG</b>			
ISO 22863-8:2021	en fr	Fireworks — Test methods for determination of specific chemical substances — Part 8: Arsenic content by hydride generation atomic fluorescence spectrometry	B	<b>Technical Management Board - groups</b>			
ISO 22863-9:2021	en fr	Fireworks — Test methods for determination of specific chemical substances — Part 9: Mercury content by hydride generation atomic fluorescence spectrometry	B	ISO/IEC Guide 98-6:2021	en	Uncertainty of measurement — Part 6: Developing and using measurement models	H
ISO 22863-10:2021	en fr	Fireworks — Test methods for determination of specific chemical substances — Part 10: Nitrogen content in nitrocellulose by iron(II) sulfate titration	B	<b>IULTCS</b>			
<b>TC 265</b>				<b>International Union of Leather Technologists and Chemists Societies</b>			
<b>Carbon dioxide capture, transportation, and geological storage</b>				ISO 17130:2021	en fr	Leather — Physical and mechanical tests — Determination of dimensional change	A
ISO/TR 27922:2021	en fr	Carbon dioxide capture — Overview of carbon dioxide capture technologies in the cement industry	C	ISO 17226-1:2021	en fr	Leather — Chemical determination of formaldehyde content — Part 1: Method using high-performance liquid chromatography	B
<b>TC 276</b>				ISO 27587:2021	en fr	Leather — Chemical tests — Determination of free formaldehyde in process auxiliaries	B
<b>Biotechnology</b>				<b>JTC 1</b>			
ISO 20397-2:2021	en fr	Biotechnology — Massively parallel sequencing — Part 2: Quality evaluation of sequencing data	D	<b>Information technology</b>			
<b>TC 283</b>				ISO/IEC 14165-147:2021	en	Information technology – Fibre channel — Part 147: Physical interfaces - 7 (FC-PI-7)	F
<b>Occupational health and safety management</b>				<b>ISO/IEC/IEEE</b>			
ISO/PAS 45005:2020	ru	Occupational health and safety management — General guidelines for safe working during the COVID-19 pandemic	F	8802-3:2021	en	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 3: Standard for Ethernet	H
<b>TC 292</b>				ISO/IEC TR 33017:2021	en	Information technology — Process assessment — Framework for assessor training	C
<b>Security and resilience</b>				ISO/IEC 10116:2017/ Amd 1:2021	en	Information technology — Security techniques — Modes of operation for an n-bit block cipher — Amendment 1: CTR-ACPKM mode of operation	XZ
ISO 22300:2021	en fr	Security and resilience — Vocabulary	A	ISO/IEC 11770-4:2017/ Amd 2:2021	en	Information technology — Security techniques — Key management — Part 4: Mechanisms based on weak secrets — Amendment 2: Leakage-resilient password-authenticated key agreement with additional stored secrets	B

ISO/IEC 18033-5:2015/ Amd 1:2021	en	Information technology — Security techniques — Encryption algorithms — Part 5: Identity-based ciphers — Amendment 1: SM9 mechanism	XZ	TC 22	Road vehicles
ISO/IEC 20008-2:2013/ Amd 1:2021	en	Information technology — Security techniques — Anonymous digital signatures — Part 2: Mechanisms using a group public key — Amendment 1	XZ	ISO 3006:2015	(reconfirmed)
ISO/IEC TS 27006-2:2021	en	Requirements for bodies providing audit and certification of information security management systems — Part 2: Privacy information management systems	B	ISO 14512:1999	(reconfirmed)
ISO/IEC TS 27110:2021	en	Information technology, cybersecurity and privacy protection — Cybersecurity framework development guidelines	D	ISO 16234:2006	(reconfirmed)
ISO/IEC 23000- 22:2019/Amd 1:2021	en	Information technology — Multimedia application format (MPEG-A) — Part 22: Multi-image application format (MIAF) — Amendment 1: Reference software and conformance for multi-image application format	XZ	ISO 2699:1994	(reconfirmed)
ISO/IEC 23090-3:2021	en	Information technology — Coded representation of immersive media — Part 3: Versatile video coding	H	ISO 6519:2015	
ISO/IEC 23761:2021	en	Digital publishing — EPUB accessibility — Conformance and discoverability requirements for EPUB publications	B	ISO 13948-1:2015	(reconfirmed)
ISO/IEC 22123-1:2021	en	Information technology — Cloud computing — Part 1: Vocabulary	A	ISO 337:1981	(reconfirmed)
				ISO 3842:2006	(reconfirmed)
				ISO 4086:2001	(reconfirmed)
				ISO 7649:1991	(reconfirmed)
				ISO 7651:1991	(reconfirmed)
				ISO 7707:1986	(reconfirmed)
				ISO 7803:1987	(reconfirmed)
				ISO 7804:1985	(reconfirmed)
				ISO 8035:1991	(reconfirmed)
				ISO 8123:1991	(reconfirmed)
				ISO 11406:2001	(reconfirmed)
				TC 23	Tractors and machinery for agriculture and forestry
				ISO 4254-10:2009	(reconfirmed)
				ISO 4254-11:2010	(reconfirmed)
				ISO 17103:2009	(reconfirmed)
				ISO/TS 15079:2001	(reconfirmed)
				ISO 10975:2009	(reconfirmed)
				ISO 11783-10:2015	
				ISO 15639-1:2015	
				ISO 16230-1:2015	

## Standards confirmed

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

TC 6	Paper, board and pulps
ISO 699:2015	
ISO 3260:2015	
TC 10	Technical product documentation
ISO 3766:2003	(reconfirmed)
ISO 4157-1:1998	(reconfirmed)
ISO 4157-3:1998	(reconfirmed)
ISO 3511-1:1977	(reconfirmed)
ISO 3511-2:1984	(reconfirmed)
ISO 3511-3:1984	(reconfirmed)
ISO 3511-4:1985	(reconfirmed)
TC 17	Steel
ISO 4948-1:1982	(reconfirmed)
ISO 4948-2:1981	(reconfirmed)
TC 20	Aircraft and space vehicles
ISO 7169:2014	
ISO 8775:1988	(reconfirmed)

TC 29	Small tools
ISO 2351-1:2007	(reconfirmed)
TC 31	Tyres, rims and valves
ISO 10454:1993	(reconfirmed)
TC 34	Food products
ISO 927:2009	(reconfirmed)
ISO 959-1:1998	(reconfirmed)
ISO 959-2:1998	(reconfirmed)
ISO 1108:1992	(reconfirmed)
ISO 2256:1984	(reconfirmed)
ISO 2825:1981	(reconfirmed)
ISO 5562:1983	(reconfirmed)
ISO 5563:1984	(reconfirmed)
ISO 6574:1986	(reconfirmed)
ISO 6754:1996	(reconfirmed)
ISO 7386:1984	(reconfirmed)
ISO 7542:1984	(reconfirmed)
ISO 7543-1:1994	(reconfirmed)
ISO 7543-2:1993	(reconfirmed)
ISO 7926:1991	(reconfirmed)
ISO 7928-1:1991	(reconfirmed)
ISO 7928-2:1991	(reconfirmed)
ISO 11027:1993	(reconfirmed)
TC 35	Paints and varnishes
ISO 1513:2010	(reconfirmed)
ISO 1520:2006	(reconfirmed)

TC 37 ISO 23185:2009	Language and terminology (reconfirmed)
TC 38 ISO 14419:2010 ISO 3074:2014 ISO 18068:2014	Textiles (reconfirmed)
TC 43 ISO 3746:2010 ISO 3747:2010 ISO 9613-1:1993 ISO 11201:2010 ISO 11202:2010 ISO 11204:2010 ISO 15667:2000 ISO 17201-5:2010	Acoustics (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
TC 46 ISO 9706:1994 ISO 11108:1996 ISO 11798:1999 ISO 16245:2009	Information and documentation (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
TC 61 ISO 1926:2009 ISO 4897:1985	Plastics (reconfirmed) (reconfirmed)
TC 68 ISO 4217:2015	Financial services
TC 69 ISO 2602:1980 ISO 2854:1976 ISO 3301:1975 ISO 3494:1976 ISO 5479:1997 ISO 11453:1996	Applications of statistical methods (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
TC 93 ISO 1741:1980 ISO 3593:1981 ISO 3947:1977 ISO 5377:1981 ISO 5381:1983 ISO 5809:1982 ISO 5810:1982 ISO 11213:1995 ISO 11543:2000	Starch (including derivatives and by-products) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
TC 104 ISO 9711-1:1990	Freight containers (reconfirmed)
TC 105 ISO 17558:2006	Steel wire ropes (reconfirmed)
TC 108 ISO 16063-11:1999 ISO 16063-15:2006 ISO 18431-4:2007 ISO 2631-1:1997	Mechanical vibration, shock and condition monitoring (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)

TC 111 ISO 3266:2010	Round steel link chains, chain slings, components and accessories (reconfirmed)
TC 112 ISO 27892:2010	Vacuum technology (reconfirmed)
TC 118 ISO 28927-8:2009	Compressors and pneumatic tools, machines and equipment (reconfirmed)
TC 127 ISO 7464:1983 ISO 7546:1983 ISO 9246:1988	Earth-moving machinery (reconfirmed) (reconfirmed) (reconfirmed)
TC 138 ISO 13480:1997	Plastics pipes, fittings and valves for the transport of fluids (reconfirmed)
TC 147 ISO 15705:2002	Water quality (reconfirmed)
TC 164 ISO 6892-4:2015	Mechanical testing of metals
TC 171 ISO 4087:2005 ISO 6199:2005 ISO 6342:2003 ISO 7761:2004	Document management applications (reconfirmed) (reconfirmed) (reconfirmed) (reconfirmed)
TC 188 ISO 10862:2009	Small craft (reconfirmed)
TC 190 ISO 17126:2005	Soil quality (reconfirmed)
TC 197 ISO/TS 19883:2017	Hydrogen technologies
TC 198 ISO 11140-1:2014	Sterilization of health care products
TC 213 ISO 286-1:2010	Dimensional and geometrical product specifications and verification (reconfirmed)
TC 286 ISO 37500:2014	Collaborative business relationship management
TC 292 ISO 22315:2014 ISO 22322:2015 ISO 22324:2015 ISO 28001:2007	Security and resilience    (reconfirmed)
TC 299 ISO 9283:1998 ISO 9946:1999	Robotics (reconfirmed) (reconfirmed)
JTC 1 ISO/IEC 15414:2015 ISO/IEC 16350:2015 ISO/IEC 19770-2:2015 ISO/IEC 19770-5:2015 ISO/IEC TS 25011:2017	Information technology

ISO/IEC TS  
33030:2017

ISO/IEC  
33063:2015

ISO/IEC  
15944-2:2015

ISO/IEC  
19763-5:2015

ISO/IEC  
19763-6:2015

ISO/IEC (reconfirmed)  
19794-3:2006

ISO/IEC (reconfirmed)  
24708:2008

ISO/IEC (reconfirmed)  
24713-3:2009

ISO/IEC (reconfirmed)  
29109-1:2009

ISO/IEC (reconfirmed)  
29141:2009

ISO/IEC  
29197:2015

ISO/IEC (replaced by )  
22537:2006

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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 February to 01 March 2021

TC 22	Road vehicles
ISO 20828:2006	(replaced by )
ISO/TR 11955:2008	(replaced by )
TC 34	Food products
ISO 8981:1993	(replaced by )
TC 39	Machine tools
ISO 7984:1988	(replaced by )
TC 42	Photography
ISO 12231:2012	(replaced by ISO 12231-1:2020)
TC 61	Plastics
ISO 1060-1:1998	(replaced by ISO 24024-1:2021)
ISO 1060-2:1998	(replaced by ISO 24024-2:2021)
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO 15663-1:2000	(replaced by ISO 15663:2021)
ISO 15663-2:2001	(replaced by ISO 15663:2021)
ISO 15663-3:2001	(replaced by ISO 15663:2021)
TC 213	Dimensional and geometrical product specifications and verification
ISO 2768-2:1989	(replaced by ISO 22081:2021)
TC 215	Health informatics
ISO 17432:2004	(replaced by )
TMBG	Technical Management Board - groups
IWA 12:2013	(replaced by )
JTC 1	Information technology