

# 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 January to 01 February 2022

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 10	Technical product documentation
ISO/CD 4172	Technical drawings — Construction drawings — Drawings for the assembly of prefabricated structures
ISO/CD 7519	Technical drawings — Construction drawings — General principles of presentation for general arrangement and assembly drawings
TC 17	Steel
ISO/CD 6935-3	Steel for the reinforcement of concrete — Part 3: Welded fabric
ISO/CD 10544	Cold-reduced steel wire for the reinforcement of concrete and the manufacture of welded fabric
TC 20	Aircraft and space vehicles
ISO/CD 5286	Test methods for flight performance of civil light weight and small fixed-wing UAS
ISO/CD 5309	Vibration test methods for lightweight and small civil UAS
ISO/CD 5312	Evaluation and test method of rotor blade sharp injury to human body for civil lightweight and small UA
ISO/CD 5332	Test methods for civil lightweight and small UAS under low pressure conditions
ISO/CD 24354	General requirements for civil small and light UAS payload interface
TC 21	Equipment for fire protection and fire fighting
ISO/CD 7240-7	Fire detection and alarm systems — Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization
TC 22	Road vehicles
ISO/CD 11451-5.2	Road vehicles — Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 5: Reverberation chamber

ISO/CD 11452-8	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 8: Immunity to magnetic fields
TC 23	Tractors and machinery for agriculture and forestry
ISO/CD 23117-1.2	Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 1: Environmental requirements
ISO/CD 4254-20.2	Agricultural machinery — Safety — Part 20: Grape, olives and coffee harvesters
ISO/CD 6881	International Numbering for official animal identification schemes
TC 24	Particle characterization including sieving
ISO/CD 23484	Determination of particle concentration by smallangle X-ray scattering (SAXS)
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO/DTS 23877-1.2	Petroleum and related products from natural or synthetic sources — Determination of pour point — Part 1: Automated step-wise cooling method
TC 34	Food products
ISO/CD 7102	Infant formula and adult nutritionals — Determination of $\beta$ -galactooligosaccharides — Ultra high performance liquid chromatography (UHPLC) with fluorescence detection after precolumn derivatization
TC 35	Paints and varnishes
ISO/CD 1518-1	Paints and varnishes — Determination of scratch resistance — Part 1: Constant-loading method
ISO/CD 7784-1	Paints and varnishes — Determination of resistance to abrasion — Part 1: Method with abrasive-paper covered wheels and rotating test specimen
ISO/CD 7784-2	Paints and varnishes — Determination of resistance to abrasion — Part 2: Method with abrasive rubber wheels and rotating test specimen
TC 37	Language and terminology
ISO/CD 13611	Interpreting services — Community interpreting – Requirements and recommendations
TC 38	Textiles
ISO/CD 105-C09	Textiles — Tests for colour fastness — Part C09: Colour fastness to domestic and commercial laundering — Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator
TC 39	Machine tools
ISO/CD 2407	Test conditions for internal cylindrical grinding machines with horizontal spindle — Testing of accuracy
ISO/CD 8636-2	Machine tools — Test conditions for bridge-type milling machines — Testing of the accuracy — Part 2: Travelling bridge (gantry-type) machines
TC 42	Photography

ISO/CD 18946	Imaging materials — Reflection colour photographic prints — Method for testing humidity fastness	ISO/CD 23402-2	Dentistry — Portable dental equipment for use in non-permanent healthcare environment — Part 2: Portable dental units
TC 43	Acoustics	ISO/DTR 20896-2	Dentistry — Digital impression devices — Part 2: Methods for assessing accuracy for implanted devices
ISO/CD 9612	Acoustics — Determination of occupational noise exposure — Engineering method	TC 108	Mechanical vibration, shock and condition monitoring
ISO/CD 9613-2	Acoustics — Attenuation of sound during propagation — Part 2: Engineering method for the prediction of sound pressure levels outdoors	ISO/CD 13373-10	Condition monitoring and diagnostics of machines — Vibration condition monitoring — Part 10: Diagnostic techniques for electric generators over 50 MVA
ISO/CD 15665	Acoustics — Acoustic insulation for pipes, valves and flanges	TC 110	Industrial trucks
ISO/CD 16254	Acoustics — Measurement of sound emitted by road vehicles of category M and N at standstill and low speed operation — Engineering method	ISO/CD 22915-16	Industrial trucks — Verification of stability — Part 16: Pedestrian-propelled trucks
TC 44	Welding and allied processes	TC 123	Plain bearings
ISO/CD 15614-2	Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 2: Arc welding of aluminium and its alloys	ISO/CD 12131-2	Plain bearings — Hydrodynamic plain thrust pad bearings under steady-state conditions — Part 2: Functions for the calculation of thrust pad bearings
ISO/CD 9455-17	Soft soldering fluxes — Test methods — Part 17: Surface insulation resistance comb test and electrochemical migration test of flux residues	ISO/CD 12167-1	Plain bearings — Hydrostatic plain journal bearings with drainage grooves under steady-state conditions — Part 1: Calculation of oil-lubricated plain journal bearings with drainage grooves
TC 46	Information and documentation	TC 130	Graphic technology
ISO/DTS 22943	Information and documentation — Principles of identification	ISO/CD 12641-1	Graphic technology — Prepress digital data exchange — Colour targets for input scanner calibration — Part 1: Colour targets for input scanner calibration
ISO/CD 11798	Information and documentation — Permanence and durability of writing, printing and copying on paper — Requirements and test methods	TC 134	Fertilizers, soil conditioners and beneficial substances
TC 60	Gears	ISO/CD 6181	Fertilizers and soil conditioners — Liquid methylen-urea slow release fertilizer — General requirements
ISO/DTR 10064-2	Code of inspection practice — Part 2: Double Flank Radial Composite Measurements	TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO/CD 10300-1	Calculation of load capacity of bevel gears — Part 1: Introduction and general influence factors	ISO/DPAS 22101-1.5	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 1: General
ISO/CD 10300-2	Calculation of load capacity of bevel gears — Part 2: Calculation of surface durability (pitting)	ISO/DPAS 22101-2.5	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 2: Pipes
ISO/CD 10300-3	Calculation of load capacity of bevel gears — Part 3: Calculation of tooth root strength	TC 142	Cleaning equipment for air and other gases
TC 61	Plastics	ISO/CD 23137-1	Requirements for aerosol filters used in nuclear facilities against specified severe conditions — Part 1: General requirements
ISO/CD 899-2	Plastics — Determination of creep behaviour — Part 2: Flexural creep by three-point loading	TC 146	Air quality
ISO/CD 6186	Plastics — Determination of pourability	ISO/CD 21438-2	Workplace atmospheres — Determination of inorganic acids by ion chromatography — Part 2: Volatile acids, except hydrofluoric acid (hydrochloric acid, hydrobromic acid and nitric acid)
ISO/CD 6775	Plastic Identification — Raman spectrometric methods	TC 159	Ergonomics
TC 85	Nuclear energy, nuclear technologies, and radiological protection	ISO/CD 9241-381	Ergonomics of human-system interaction — Part 381: Requirements for optical characteristics of head-mounted displays related to human-system interaction
ISO/CD 24389-1	Radioactive waste management from decommissioning of nuclear power plants — Part 1: General requirements	TC 161	Controls and protective devices for gas and/or oil
TC 94	Personal safety -- Personal protective equipment	ISO/CD 23551-1	Safety and control devices for gas burners and gas-burning appliances — Particular requirements — Part 1: Automatic and semi-automatic valves
ISO/CD 16321-4	Eye and face protection for occupational use — Part 4: Additional requirements for protection against biological hazards		
ISO/PRF TR 8546	Hand protection — Guidance for selection and use		
TC 102	Iron ore and direct reduced iron		
ISO/DTS 4689-1	Iron ores — Determination of sulfur content — Part 1: Barium sulfate gravimetric method		
TC 105	Steel wire ropes		
ISO/CD 10425	Steel wire ropes for the petroleum and natural gas industries — Minimum requirements and terms of acceptance		
TC 106	Dentistry		

ISO/CD 23551-11	Safety and control devices for gas burners and gas-burning appliances — Particular requirements — Part 11: Automatic and semi-automatic shut-off valves for operating pressure of above 500 kPa up to and including 6 300 kPa	ISO/DTR 4976	Railway applications — Scope, users and lists of rolling stock relevant operation and maintenance documentation
TC 164	Mechanical testing of metals	TC 282	Water reuse
ISO/DTS 14577-6.3	Metallic materials — Instrumented indentation test for hardness and materials parameters — Part 6: Part 6: Evaluation of stress change using indentation force differences	ISO/CD 20670	Water reuse — Vocabulary
TC 174	Jewellery and precious metals	ISO/DIS 22519	Membrane based generation of WFI
ISO/CD 11210	Jewellery and precious metals — Determination of platinum in platinum jewellery alloys — Gravimetric method after precipitation using ammonium chloride	TC 292	Security and resilience
ISO/CD 11490	Jewellery and precious metals — Determination of palladium in palladium alloys — Gravimetric determination after precipitation using dimethylglyoxime	ISO/CD 22386	Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines for brand protection and enforcement procedures
TC 176	Quality management and quality assurance	TC 300	Solid recovered materials, including solid recovered fuels
ISO/DTS 10020.2	Quality management systems — Organizational change management — Processes	ISO/PRF TS 21911-2	Solid recovered fuels — Determination of self-heating — Part 2: Basket heating tests
TC 182	Geotechnics	TC 306	Foundry machinery
ISO/CD 18674-8	Geotechnical investigation and testing — Geotechnical monitoring by field instrumentation — Part 8: Measurement of forces: Load cells	ISO/CD 23779	Shot blasting machinery — safety and environmental requirements
TC 188	Small craft	TC 307	Blockchain and distributed ledger technologies
ISO/CD 10239	Small craft — Liquefied petroleum gas (LPG) systems	ISO/DTR 23644	Blockchain and distributed ledger technologies - Overview of trust anchors for DLT-based identity management (TADIM)
TC 193	Natural gas	TMBG	Technical Management Board - groups
ISO/CD TS 16922	Natural gas — Odorization	CD IWA 40	Guidelines for virtual kitchen services
ISO/CD TS 18222	Natural gas — Correlation between odorant concentration in air and odour intensity	JTC 1	Information technology
TC 195	Building construction machinery and equipment	ISO/IEC CD 19369	Information technology — Telecommunications and information exchange between systems — NFCIP-2 test methods
ISO/CD 24147	Sweepers — Terminology and commercial specifications	ISO/IEC 7816- 3:2006/CD Amd 1	Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols — Amendment 1: Additional voltage classes
TC 198	Sterilization of health care products	ISO/IEC CD 24787-1	Information technology — Identification cards on-card biometric comparison — Part 1: General principles and specifications
ISO/DTS 5111	Quality of water for sterilizers, sterilization and washer-disinfectors	ISO/IEC CD 24787-2	Information technology — Identification cards on-card biometric comparison — Part 2: Work-sharing mechanism
TC 204	Intelligent transport systems	ISO/IEC CD 1539-1	Information technology — Programming languages — Fortran — Part 1: Base language
ISO/CD 4273	Intelligent transport systems — Automated braking during low speed manoeuvring (ABLS) — Requirements and test procedures	ISO/IEC CD 4922-2	Information security — Secure multiparty computation — Part 2: Mechanisms based on secret sharing
TC 207	Environmental management	ISO/IEC CD 27033-7	Information technology – Network security — Part 7: Guidelines for network virtualization security
ISO/CD 14066	Competence requirements for teams, technical experts and independent reviewers involved in the validation and verification of environmental information	ISO/IEC CD 27040	Information technology — Security techniques — Storage security
TC 214	Elevating work platforms	ISO/IEC CD 27403	Cybersecurity – IoT security and privacy – Guidelines for IoT-domotics
ISO/CD 16368	Mobile elevating work platforms — Design, calculations, safety requirements and test methods	ISO/IEC CD 22237-2	Information technology — Data centre facilities and infrastructures — Part 2: Building construction
TC 260	Human resource management	ISO/IEC CD 22237-6	Information technology — Data centre facilities and infrastructures — Part 6: Security systems
ISO/CD 30434.2	Human resource management - Workforce allocation		
TC 267	Facility management		
ISO/CD 41017	Facility management – Guidance on emergency preparedness and management of an epidemic		
TC 269	Railway applications		
ISO/CD 24491	Railway applications — Passenger seats for heavy rail rolling stock		

**DIS circulated**

Period from 01 January to 01 February 2022

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			
			ISO/DIS 24411	Space systems — Micro-vibration testing	2022-04-15
			ISO/DIS 4358	Test methods for civil multi-copter unmanned aircraft system	2022-04-15
			ISO/DIS 23629-5	Unmanned aircraft systems — UAS traffic management (UTM) — Part 5: UTM functional structure	2022-04-14
			TC 22	Road vehicles	
CIE	International Commission on Illumination		ISO/DIS 20730-2	Road vehicles — Vehicle interface for electronic Periodic Technical Inspection (ePTI) — Part 2: Application and communication requirements conformance test plan	2022-04-24
ISO/CIE DIS 23539	Photometry — The CIE system of physical photometry  (Revision of ISO 23539:2005)	2022-04-29	ISO/DIS 27145-6	Road vehicles — Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBDD) communication requirements — Part 6: External test equipment (Revision of ISO 27145-6:2015)	2022-04-15
PC 317	Consumer protection: privacy by design for consumer goods and services		ISO/DIS 24089	Road vehicles — Software update engineering	2022-04-14
ISO/DIS 31700	Consumer protection — Privacy by design for consumer goods and services	2022-04-09			
TC 6	Paper, board and pulps		ISO/DIS 18418-2	Gasoline engines — Medium pressure liquid fuel supply connections — Part 2: Pipe assemblies (Revision of ISO 18418-2:2014)	2022-04-20
ISO/DIS 9184-1	Paper, board and pulps — Fibre furnish analysis — Part 1: General method  (Revision of ISO 9184-1:1990)	2022-04-13	ISO/DIS 15830-2	Road vehicles — Design and performance specifications for the WorldSID 50th percentile male side-impact dummy — Part 2: Mechanical subsystems (Revision of ISO 15830-2:2013)	2022-04-06
ISO/DIS 187	Paper, board and pulps — Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples  (Revision of ISO 187:1990)	2022-04-17	TC 31	Tyres, rims and valves	
ISO/DIS 535	Paper and board — Determination of water absorptiveness — Cobb method  (Revision of ISO 535:2014)	2022-04-06	ISO 13325:2019/DAMd 1	Tyres — Coast-by methods for measurement of tyre-to-road sound emission — Amendment 1: Uncertainties	2022-04-09
ISO/DIS 3037	Corrugated fibreboard — Determination of edgewise crush resistance (non-waxed edge method)  (Revision of ISO 3037:2013)	2022-04-06	ISO/DIS 21634	Rubber flaps for tyres — Technical requirements and test methods	2022-04-08
ISO/DIS 12625-15	Tissue paper and tissue products — Part 15: Determination of optical properties — Measurement of brightness and colour with C/2° (indoor daylight) illuminant  (Revision of ISO 12625-15:2015)	2022-04-13	ISO/DIS 5383.2	Agricultural tyres for lawn and garden tractors — 3-part code designated tyres	2022-03-12
TC 20	Aircraft and space vehicles		TC 35	Paints and varnishes	
ISO/DIS 14619	Space systems — Space experiments — General requirements  (Revision of ISO 14619:2003)	2022-04-15	ISO/DIS 1522	Paints and varnishes — Pendulum damping test  (Revision of ISO 1522:2006)	2022-04-21
ISO/DIS 15388	Space systems — Contamination and cleanliness control  (Revision of ISO 15388:2012)	2022-04-06	ISO/DIS 8130-15	Coating powders — Part 15: Rheology	2022-04-06
			TC 38	Textiles	
			ISO/DIS 18264	Textile slings — Lifting slings for general purpose lifting operations made from fibre ropes — High modulus polyethylene (HMPE)  (Revision of ISO 18264:2016)	2022-04-27

TC 44	Welding and allied processes		TC 71	Concrete, reinforced concrete and pre-stressed concrete	
ISO/DIS 12153	Welding consumables — Tubular cored electrodes for gas shielded and non-gas shielded metal arc welding of nickel and nickel alloys — Classification (Revision of ISO 12153:2011)	2022-04-24	ISO/DIS 20290-5	Aggregates for concrete — Test methods for mechanical and physical properties — Part 5: Determination of particle size distribution by sieving method	2022-04-08
ISO/DIS 15615.2	Gas welding equipment — Acetylene manifold systems for welding, cutting and allied processes — Safety requirements in high-pressure devices (Revision of ISO 15615:2013)	2022-03-12	ISO/DIS 24684-2	Aggregates for concrete — Test methods for chemical properties — Part 2: Determination of soluble sulphate salts	2022-04-08
TC 45	Rubber and rubber products		ISO/DIS 13315-1	Environmental management for concrete and concrete structures — Part 1: General principles (Revision of ISO 13315-1:2012)	2022-04-29
ISO 249:2016/DAmD 1	Rubber, raw natural — Determination of dirt content — Amendment 1	2022-04-13	TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	
ISO/DIS 1138	Rubber compounding ingredients — Carbon black — Determination of sulfur content (Revision of ISO 1138:2007, ISO 1138:2007/Amd 1:2012)	2022-04-14	ISO 8362-2:2015/DAmD 1	Injection containers and accessories — Part 2: Closures for injection vials — Amendment 1	2022-04-15
TC 46	Information and documentation		TC 83	Sports and other recreational facilities and equipment	
ISO/DIS 24229	Information and documentation — Codes for written language conversion systems	2022-04-16	ISO/DIS 9462	Alpine ski-bindings — Requirements and test methods (Revision of ISO 9462:2014)	2022-04-29
TC 58	Gas cylinders		ISO/DIS 9523	Touring ski-boots for adults — Interface with touring ski-bindings — Requirements and test methods (Revision of ISO 9523:2019)	2022-04-14
ISO/DIS 4706	Gas cylinders — Refillable welded steel cylinders — Test pressure 60 bar and below (Revision of ISO 4706:2008)	2022-04-09	ISO/DIS 9838	Alpine and touring ski-bindings — Test soles for ski-binding tests (Revision of ISO 9838:2019)	2022-04-09
TC 61	Plastics		ISO/DIS 11088	Alpine ski/binding/boot (S-B-B) system — Assembly, adjustment and inspection (Revision of ISO 11088:2018)	2022-04-17
ISO/DIS 23524	Plastics — Determination of fracture toughness of films and thin sheets: the essential work of fracture (EWF) method	2022-04-08	TC 94	Personal safety -- Personal protective equipment	
ISO/DIS 11357-1	Plastics — Differential scanning calorimetry (DSC) — Part 1: General principles (Revision of ISO 11357-1:2016)	2022-04-28	ISO 18639-4:2018/DAmD 1	PPE ensembles for firefighters undertaking specific rescue activities — Part 4: Gloves — Amendment 1	2022-04-22
ISO/DIS 5684	Adhesives — Floor covering adhesives and products for flooring installation — Assessment and classification of low VOC products	2022-04-29	TC 106	Dentistry	
TC 68	Financial services		ISO/DIS 3630-2	Dentistry — Endodontic instruments — Part 2: Enlargers (Revision of ISO 3630-2:2013)	2022-04-16
ISO/DIS 8583	Financial transaction card originated messages — Interchange message specifications (Revision of ISO 8583-1:2003, ISO 8583-3:2003, ISO 8583-2:1998)	2022-04-21	TC 107	Metallic and other inorganic coatings	
TC 69	Applications of statistical methods		ISO/DIS 6769	Vitreous and porcelain enamels — Determination of surface scratch hardness according to the Mohs scale	2022-04-23
ISO/DIS 5725-3	Accuracy (trueness and precision) of measurement methods and results — Part 3: Intermediate precision and alternative designs for collaborative studies (Revision of ISO 5725-3:1994, ISO 5725-3:1994/Cor 1:2001)	2022-04-13			

ISO/DIS 13807	Vitreous and porcelain enamels — Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry (Revision of ISO 13807:1999, ISO 13807:1999/Cor 1:2000)	2022-04-22	TC 153	Valves	
ISO/DIS 28765	Vitreous and porcelain enamels — Design of bolted steel tanks for the storage or treatment of water or municipal or industrial effluents and sludges (Revision of ISO 28765:2016)	2022-04-23	ISO/DIS 5640	Industrial valves — Mounting kits for part-turn valve actuator attachment	2022-04-13
TC 110	Industrial trucks		TC 163	Thermal performance and energy use in the built environment	
ISO/DIS 6055	Industrial trucks — Overhead guards — Specification and testing (Revision of ISO 6055:2004)	2022-04-08	ISO/DIS 24144	Thermal insulation — Test method for Specific heat capacity of thermal insulation for buildings in the high temperature range — DSC method	2022-04-15
TC 119	Powder metallurgy		TC 164	Mechanical testing of metals	
ISO/DIS 5755	Sintered metal materials — Specifications (Revision of ISO 5755:2012)	2022-04-07	ISO/DIS 3785	Metallic materials — Designation of test specimen axes in relation to product texture (Revision of ISO 3785:2006)	2022-04-14
TC 121	Anaesthetic and respiratory equipment		TC 172	Optics and photonics	
ISO/DIS 80601-2-84	Medical electrical equipment — Part 2-84: Particular requirements for the basic safety and essential performance of ventilators for the emergency medical services environment (Revision of ISO 80601-2-84:2020)	2022-04-28	ISO/DIS 12870	Ophthalmic optics — Spectacle frames — Requirements and test methods (Revision of ISO 12870:2016)	2022-04-27
TC 130	Graphic technology		TC 184	Automation systems and integration	
ISO/DIS 2834-2	Graphic technology — Laboratory preparation of test prints — Part 2: Liquid printing inks (Revision of ISO 2834-2:2015)	2022-04-08	ISO/DIS 29002	Industrial automation systems and integration — Exchange of characteristic data (Revision of ISO/TS 29002-31:2009, ISO/TS 29002-6:2010, ISO/TS 29002-5:2009, ISO/TS 29002-4:2009, ISO/TS 29002-20:2010, ISO/TS 29002-10:2009)	2022-04-29
TC 131	Fluid power systems		TC 188	Small craft	
ISO/DIS 16030	Pneumatic fluid power — Connections — Ports and stud ends (Revision of ISO 16030:2001)	2022-04-24	ISO 13297:2020/DAMd 1	Small craft — Electrical systems — Alternating and direct current installations — Amendment 1	2022-04-27
TC 135	Non-destructive testing		TC 190	Soil quality	
ISO/DIS 7963	Non-destructive testing — Ultrasonic testing — Specification for calibration block No. 2 (Revision of ISO 7963:2006)	2022-04-22	ISO/DIS 5120	Soil quality — Determination of perchlorate in soil using liquid chromatography-tandem mass spectrometry (LC-MS/MS)	2022-04-14
TC 145	Graphical symbols		TC 195	Building construction machinery and equipment	
ISO/DIS 20560-2	Safety information for the content of piping systems and tanks — Part 2: Tanks	2022-04-09	ISO/DIS 21467	Drilling and foundation machinery — Horizontal directional drilling (HDD) machines — Commercial specifications (Revision of ISO 21467:2004)	2022-04-13
TC 146	Air quality		TC 198	Sterilization of health care products	
ISO/DIS 16000-41	Indoor air — Part 41: Assessment and classification	2022-04-28	ISO/DIS 11737-3	Sterilization of health care products — Microbiological methods — Part 3: Bacterial endotoxin testing	2022-04-09
TC 147	Water quality		TC 204	Intelligent transport systems	
ISO/DIS 23256	Water quality — Detection of selected congeners of polychlorinated dibenzo-p-dioxins and polychlorinated biphenyls — Method using a flow immunosensor technique	2022-04-22	ISO/DIS 4272	Intelligent transport systems — Truck platooning systems (TPS) — Functional and operational requirements	2022-04-10

ISO/DIS 14906	Electronic fee collection — Application interface definition for dedicated short-range communication (Revision of ISO 14906:2018, ISO 14906:2018/Amd 1:2020)	2022-04-13	ISO/ASTM DIS 52927	Additive manufacturing — General principles — Main characteristics and corresponding test methods (Revision of ISO 17296-3:2014)	2022-04-28
ISO/DIS 21734-1	Intelligent Transport Systems — Public transport — Performance testing for connectivity and safety functions of automated driving bus — Part 1: General framework	2022-04-28	TC 276 ISO/DIS 20399	Biotechnology Biotechnology — Ancillary materials present during the production of cellular therapeutic products and gene therapy products (Revision of ISO/TS 20399-1:2018, ISO/TS 20399-3:2018, ISO/TS 20399-2:2018)	2022-04-13
TC 205	Building environment design		TC 300	Solid recovered materials, including solid recovered fuels	
ISO/DIS 24365	Radiators and convectors — Methods and rating for determining the heat output	2022-04-06	ISO/DIS 21911-1	Solid recovered fuels — Determination of self-heating — Part 1: Isothermal calorimetry	2022-04-08
TC 207	Environmental management		TC 301	Energy management and energy savings	
ISO/DIS 14083	Greenhouse gases — Quantification and reporting of greenhouse gas emissions arising from transport chain operations	2022-04-28	ISO/DIS 50006	Energy management systems — Evaluating energy performance using energy baselines and energy performance indicators (Revision of ISO 50006:2014)	2022-04-10
TC 211	Geographic information/ Geomatics		TC 322 ISO/DIS 32210	Sustainable finance Sustainable finance — Principles and guidance	2022-04-17
ISO/DIS 19156	Geographic information — Observations, measurements and samples  (Revision of ISO 19156:2011)	2022-04-20	IULTCS	International Union of Leather Technologists and Chemists Societies	
TC 226	Materials for the production of primary aluminium		ISO/DIS 7906	Leather — Tests for colour fastness — General principles of testing	2022-04-28
ISO/DIS 17499	Carbonaceous materials used in the production of aluminium — Determination of baking level expressed by equivalent temperature (Revision of ISO 17499:2006)	2022-04-08	JTC 1 ISO/IEC DIS 21558-2	Information technology Telecommunications and information exchange between systems — Future network architecture — Part 2: Proxy model based quality of service	2022-04-20
TC 249	Traditional Chinese medicine		ISO/IEC DIS 21559-2	Telecommunications and information exchange between systems — Future network protocols and mechanisms — Part 2: Proxy model based quality of service	2022-04-20
ISO/DIS 5227	Traditional Chinese Medicine — Safety controls of cupping device	2022-04-14	ISO/IEC DIS 1989	Information technology — Programming languages, their environments and system software interfaces — Programming language COBOL (Revision of ISO/IEC 1989:2014)	2022-04-27
TC 256	Pigments, dyestuffs and extenders		ISO/IEC DIS 27035-2	Information technology — Information security incident management — Part 2: Guidelines to plan and prepare for incident response (Revision of ISO/IEC 27035-2:2016)	2022-04-08
ISO/DIS 3262-6	Extenders — Specifications and methods of test — Part 6: Precipitated calcium carbonate  (Revision of ISO 3262-6:1998)	2022-04-17	ISO/IEC DIS 27553-1	Information security, cybersecurity and privacy protection — Security and Privacy requirements for authentication using biometrics on mobile devices — Part 1: Local modes	2022-04-07
ISO/DIS 18314-2	Analytical colorimetry — Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, depth of shade, hiding power (Revision of ISO 18314-2:2015)	2022-04-07			
ISO/DIS 18314-3	Analytical colorimetry — Part 3: Special indices  (Revision of ISO 18314-3:2015)	2022-04-14			
TC 261	Additive manufacturing				
ISO/ASTM DIS 52908	Additive manufacturing of metals — Finished Part properties — Post-processing, inspection and testing of parts produced by powder bed fusion	2022-04-17			

ISO/IEC DIS 27556	Information security, cybersecurity and privacy protection – User-centric privacy preferences management framework	2022-04-08	ISO/IEC 23090-6:2021/DAmd 1	Information technology — Coded representation of immersive media — Part 6: Immersive media metrics — Amendment 1: Immersive media metrics for V3C Data and OMAF	2022-04-16
ISO/IEC DIS 27557	Information technology — Information security, cybersecurity and privacy protection — Organizational privacy risk management	2022-04-08	ISO/IEC DIS 23090-19	Information technology — Coded representation of immersive media — Part 19: Reference Software for V-PCC	2022-04-27
ISO/IEC DIS 27559	Privacy enhancing data de-identification framework	2022-04-08	ISO/IEC DIS 23092-2	Information technology — Genomic information representation — Part 2: Coding of genomic information (Revision of ISO/IEC 23092-2:2020)	2022-04-24
ISO/IEC DIS 29128-1	Information security, cybersecurity and privacy protection — Verification of cryptographic protocols — Part 1: Framework (Revision of ISO/IEC 29128:2011)	2022-04-09	ISO/IEC DIS 23200-2	Information technology — Radio frequency identification for item management — Part 2: Interference rejection performance test method between an Interrogator as defined in ISO/IEC 18000-63 and a heterogeneous wireless system	2022-04-13
ISO/IEC 14496-22:2019/DAmd 2	Information technology — Coding of audio-visual objects — Part 22: Open Font Format — Amendment 2: Extending colour font functionality and other updates	2022-04-22	ISO/IEC DIS 21838-3	Information technology — Top-level ontologies (TLO) — Part 3: Descriptive ontology for linguistic and cognitive engineering (DOLCE)	2022-04-23
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ISO/IEC DIS 15444-9	Information technology — JPEG 2000 image coding system — Part 9: Interactivity tools, APIs and protocols (Revision of ISO/IEC 15444-9:2005, ISO/IEC 15444-9:2005/Amd 1:2006, ISO/IEC 15444-9:2005/Cor 1:2007, ISO/IEC 15444-9:2005/Amd 2:2008, ISO/IEC 15444-9:2005/Amd 3:2008, ISO/IEC 15444-9:2005/Amd 4:2010, ISO/IEC 15444-9:2005/Cor 2:2008, ISO/IEC 15444-9:2005/Amd 5:2014, ISO/IEC 15444-9:2005/Cor 3:2011)	2022-04-16	ISO/IEC DIS 30105-4	Information technology — IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 4: Terms and concepts (Revision of ISO/IEC 30105-4:2016)	2022-04-17
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## FDIS circulated

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Period from 01 January to 01 February 2022

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

\* Available in English only

TC 8

Ships and marine technology

Vote terminates



ISO/FDIS 7547	Ships and marine technology — Air-conditioning and ventilation of accommodation spaces and other enclosed compartments on board ships — Design conditions and basis of calculations (Revision of ISO 9099:1987, ISO 8863:1987, ISO 8864:1987, ISO 7547:2002, ISO 7547:2002/Cor 1:2008, ISO 8862:1987)	2022-03-09	(Revision of ISO 26303:2012)
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			ISO/IEC/IEEE FDIS 8802-1CS	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1CS: Link-local registration protocol
			ISO/IEC/IEEE 8802-3:2021/FDAmd 10	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 3: Standard for Ethernet — Amendment 10: Maintenance #14: Isolation
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				<sup>1</sup> delayed publication of language version <sup>2</sup> corrected version <sup>3</sup> multilingual document	
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## Standards published

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ISO 20766-25:2022	en	Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 25: Gas connections	A	ISO 24613-5:2022	en fr	Language resource management — Lexical markup framework (LMF) — Part 5: Lexical base exchange (LBX) serialization	E
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ISO/TR 27923:2022	en	Carbon dioxide capture, transportation and geological storage — Injection operations, infrastructure and monitoring		H							
TC 279		Innovation management									
ISO 56006:2021	fr	Innovation management — Tools and methods for strategic intelligence management — Guidance		B							
TC 293		Feed machinery									
ISO 24378:2022	en	Feed machinery — Vocabulary		A							
TC 306		Foundry machinery									
ISO 23472-4:2022	en	Foundry machinery — Vocabulary — Part 4: Abrasive blasting machines and other equipment related to cleaning and finishing for casting		A							
CASCO		Committee on conformity assessment									
ISO/IEC TS 17021-13:2021	fr	Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 13: Competence requirements for auditing and certification of compliance management systems		A							
JTC 1		Information technology									
ISO/IEC/IEEE 14764:2022	en	Software engineering — Software life cycle processes — Maintenance		F							
ISO/IEC/IEEE 26514:2022	en	Systems and software engineering — Design and development of information for users		G							
ISO/IEC 18013-3:2017/ Amd 1:2022	en	Information technology — Personal identification — ISO-compliant driving licence — Part 3: Access control, authentication and integrity validation — Amendment 1: PACE protocol		XZ							
ISO/IEC 29101:2018	fr	Information technology — Security techniques — Privacy architecture framework		F							
ISO/IEC 14496-12:2022	en	Information technology — Coding of audio-visual objects — Part 12: ISO base media file format		H							
ISO/IEC 15962:2022	en	Information technology — Radio frequency identification (RFID) for item management — Data protocol: data encoding rules and logical memory functions		H							
ISO/IEC TR 4339:2022	en	Information technology for learning, education and training — Reference model for information and communications technology (ICT) evaluation in education		B							
ISO/IEC TR 49794:2022	en	Information technology — Transition examples from the ISO/IEC 19794:2005 series to the ISO/IEC 39794 series for ID documents		G							
ISO/IEC TS 20000-5:2022	en	Information technology — Service management — Part 5: Implementation guidance for ISO/IEC 20000-1		E							
ISO/IEC 38503:2022	en	Information technology — Governance of IT — Assessment of the governance of IT		D							

## Standards confirmed

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

TC 6	Paper, board and pulps	ISO 6636-1:1986	(reconfirmed)
		ISO 6636-2:1981	(reconfirmed)
		ISO 6637:1984	(reconfirmed)
		ISO 6638-1:1985	(reconfirmed)
		ISO 6638-2:1984	(reconfirmed)
		ISO 7952:1994	(reconfirmed)
		ISO 8128-1:1993	(reconfirmed)
		ISO 8128-2:1993	(reconfirmed)
		ISO 17239:2004	(reconfirmed)
		ISO 17240:2004	(reconfirmed)
		ISO 23391:2006	(reconfirmed)
		ISO 23392:2006	(reconfirmed)
		ISO 23393:2006	(reconfirmed)
		ISO 3727-3:2003	(reconfirmed)
		ISO 8156:2005	(reconfirmed)
		ISO 11865:2009	(reconfirmed)
		ISO 12078:2006	(reconfirmed)
		ISO 12080-1:2009	(reconfirmed)
		ISO 12080-2:2009	(reconfirmed)
		ISO 13875:2005	(reconfirmed)
		ISO 14378:2009	(reconfirmed)
		ISO 15322:2005	(reconfirmed)
		ISO/TS 17758:2014	(reconfirmed)
		ISO 18252:2006	(reconfirmed)
		ISO 11702:2016	
		ISO 12966-4:2015	(reconfirmed)
		ISO 5492:2008	(reconfirmed)
TC 17	Steel	TC 37	Language and terminology
ISO 683-4:2016		ISO 24610-1:2006	(reconfirmed)
TC 18	Zinc and zinc alloys	TC 39	Machine tools
ISO 301:2006	(reconfirmed)	ISO 3070-2:2016	
ISO 752:2004	(reconfirmed)	TC 43	Acoustics
ISO 15201:2006	(reconfirmed)	ISO 17201-4:2006	(reconfirmed)
TC 20	Aircraft and space vehicles	TC 47	Chemistry
ISO 27996:2009	(reconfirmed)	ISO 1392:1977	(reconfirmed)
TC 22	Road vehicles	ISO 6228:1980	(reconfirmed)
ISO 17447-1:2015	(reconfirmed)	TC 54	Essential oils
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources	ISO 13171:2016	
ISO 7745:2010	(reconfirmed)	TC 59	Buildings and civil engineering works
ISO 13738:2011	(reconfirmed)	ISO 15686-3:2002	(reconfirmed)
TC 34	Food products	TC 60	Gears
ISO 16050:2003	(reconfirmed)	ISO 21771:2007	(reconfirmed)
ISO 750:1998	(reconfirmed)	TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO 751:1998	(reconfirmed)	ISO 10432:2004	(reconfirmed)
ISO 762:2003	(reconfirmed)	ISO 13535:2000	(reconfirmed)
ISO 763:2003	(reconfirmed)	ISO 13624-1:2009	(reconfirmed)
ISO 1026:1982	(reconfirmed)	ISO 15136-1:2009	(reconfirmed)
ISO 1955:1982	(reconfirmed)	ISO 16070:2005	(reconfirmed)
ISO 2173:2003	(reconfirmed)	ISO 17078-3:2009	(reconfirmed)
ISO 2447:1998	(reconfirmed)	TC 69	Applications of statistical methods
ISO 2448:1998	(reconfirmed)	ISO 13053-1:2011	(reconfirmed)
ISO 5515:1979	(reconfirmed)	TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO 5517:1978	(reconfirmed)		
ISO 5521:1981	(reconfirmed)		
ISO 5522:1981	(reconfirmed)		
ISO 6557-1:1986	(reconfirmed)		
ISO 6558-2:1992	(reconfirmed)		
ISO 6561-1:2005	(reconfirmed)		
ISO 6561-2:2005	(reconfirmed)		
ISO 6633:1984	(reconfirmed)		
ISO 6634:1982	(reconfirmed)		
ISO 6635:1984	(reconfirmed)		



ISO 18319:2015	
TC 72	Textile machinery and accessories
ISO 8230-1:2008	(reconfirmed)
ISO 8230-2:2008	(reconfirmed)
ISO 8230-3:2008	(reconfirmed)
ISO 9398-2:2003	(reconfirmed)
ISO 9398-3:2003	(reconfirmed)
ISO 9398-4:2003	(reconfirmed)
ISO 10472-1:1997	(reconfirmed)
ISO 10472-2:1997	(reconfirmed)
ISO 10472-3:1997	(reconfirmed)
ISO 10472-4:1997	(reconfirmed)
ISO 10472-5:1997	(reconfirmed)
ISO 10472-6:1997	(reconfirmed)
TC 91	Surface active agents
ISO 456:1973	(reconfirmed)
ISO 457:1983	(reconfirmed)
ISO 607:1980	(reconfirmed)
ISO 672:1978	(reconfirmed)
ISO 673:1981	(reconfirmed)
ISO 684:1974	(reconfirmed)
ISO 697:1981	(reconfirmed)
ISO 893:1989	(reconfirmed)
ISO 894:1977	(reconfirmed)
ISO 895:1977	(reconfirmed)
TC 94	Personal safety -- Personal protective equipment
ISO 13996:1999	(reconfirmed)
ISO 13999-1:1999	(reconfirmed)
TC 96	Cranes
ISO 23813:2007	(reconfirmed)
ISO 23815-1:2007	(reconfirmed)
TC 98	Bases for design of structures
ISO 4355:2013	
TC 106	Dentistry
ISO 14801:2016	
TC 108	Mechanical vibration, shock and condition monitoring
ISO 7919-3:2009	(reconfirmed)
ISO 10816-3:2009	(reconfirmed)
TC 118	Compressors and pneumatic tools, machines and equipment
ISO 5391:2003	(reconfirmed)
ISO 15744:2002	(reconfirmed)
ISO 17066:2007	(reconfirmed)
ISO 28927-4:2010	(reconfirmed)
ISO 28927-10:2011	(reconfirmed)
ISO 28927-11:2011	(reconfirmed)
TC 122	Packaging
ISO 17451-1:2016	
ISO/TS 17451-2:2017	
ISO 22742:2010	(reconfirmed)
TC 127	Earth-moving machinery
ISO 13031:2016	

TC 133	Clothing sizing systems - size designation, size measurement methods and digital fittings
ISO 18825-1:2016	
ISO 18825-2:2016	
TC 146	Air quality
ISO 9359:1989	(reconfirmed)
TC 163	Thermal performance and energy use in the built environment
ISO 12572:2016	
TC 173	Assistive products
ISO 7176-21:2009	(reconfirmed)
TC 190	Soil quality
ISO 11464:2006	(reconfirmed)
ISO 18287:2006	(reconfirmed)
ISO 22892:2006	(reconfirmed)
TC 211	Geographic information/Geomatics
ISO 19131:2007	(reconfirmed)
TC 226	Materials for the production of primary aluminium
ISO 2828:1973	(reconfirmed)
ISO 2829:1973	(reconfirmed)
ISO 2865:1973	(reconfirmed)
ISO 2927:1973	(reconfirmed)
ISO 6999:1983	(reconfirmed)
ISO 15906:2007	(reconfirmed)
ISO 21687:2007	(reconfirmed)
TC 244	Industrial furnaces and associated processing equipment
ISO 13577-1:2016	
ISO 13577-3:2016	
TC 268	Sustainable cities and communities
ISO 37101:2016	
JTC 1	Information technology
ISO/IEC 19507:2012	(reconfirmed)
ISO/IEC 19508:2014	
ISO/IEC 19509:2014	
ISO/IEC 19510:2013	
ISO/IEC 10995:2011	(reconfirmed)
<hr/> <b>Standards withdrawn</b> <hr/>	
Period from 01 January to 01 February 2022	
TC 6	Paper, board and pulps
ISO/TR 24498:2019	(replaced by ISO/TS 24498:2022)

TC 24	Particle characterization including sieving
ISO 15901-3:2007	(replaced by ISO 15901-2:2022)
TC 37	Language and terminology
ISO 24613:2008	(replaced by ISO 24613-5:2022, ISO 24613-2:2020, ISO 24613-3:2021, ISO 24613-4:2021, ISO 24613-1:2019)
TC 43	Acoustics
ISO 26101:2017	(replaced by ISO 26101-1:2021)
TC 69	Applications of statistical methods
ISO/TR 22971:2005	(replaced by )
TC 83	Sports and other recreational facilities and equipment
ISO/TS 24667:2020	(replaced by ISO 24667:2022)
TC 135	Non-destructive testing
ISO 10375:1997	(replaced by )
ISO 12710:2002	(replaced by )
ISO 12715:2014	(replaced by )
ISO 18175:2004	(replaced by )
TC 161	Controls and protective devices for gas and/or oil
ISO 23551-3:2005	(replaced by )
TC 190	Soil quality
ISO 20279:2005	(replaced by )
TC 218	Timber
ISO 9086-1:1987	(replaced by ISO 13061-18:2022)
TMBG	Technical Management Board - groups
IWA 23:2016	(replaced by ISO 22916:2022)
JTC 1	Information technology
ISO/IEC TR 20000-5:2013	(replaced by ISO/IEC TS 20000-5:2022)

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## Meeting calendar

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The meeting calendar is available at

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