

# 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 July to 01 August 2023

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 8	Ships and marine technology
ISO/CD 7613	Ships and marine technology — Hopper dredger — Trailing suction tube position monitoring system
TC 17	Steel
ISO/CD 14404-3	Calculation method of carbon dioxide emission intensity from iron and steel production — Part 3: Steel plant with electric arc furnace (EAF) and coal-based or gas-based direct reduction iron (DRI) facility
TC 20	Aircraft and space vehicles
ISO/CD 9490.2	Space systems — Space Traffic Coordination
ISO/CD 15104.2	Space systems — Environmental testing for spacecraft thermal control materials
TC 22	Road vehicles
ISO/CD 11452-8	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 8: Immunity to magnetic fields
ISO 24089:2023/CD Amd 1	Road vehicles — Software update engineering — Amendment 1
ISO/CD 13948-2	Diesel engines — Fuel injection pumps and fuel injector low-pressure connections — Part 2: Non-threaded (push-on) connections
ISO/CD TR 12353-4	Road vehicles — Traffic accident analysis — Part 4: Compilation of methodologies for assessment of vehicle safety system effectiveness
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO/CD 20846	Petroleum products — Determination of sulfur content of automotive fuels — Ultraviolet fluorescence method
TC 34	Food products
ISO/CD 5132	Animal and vegetable fats and oils — HPLC analysis of phenolic antioxidants

ISO/CD 20948	Animal and vegetable fats and oils — Determination of aflatoxin B1, B2, G1, G2 in vegetable oils by high performance liquid chromatography and immunoaffinity column cleanup
ISO/CD TS 22002-1	Prerequisite programmes on food safety — Part 1: Food manufacturing
ISO/CD TS 22002-2	Prerequisite programmes on food safety — Part 2: Catering
ISO/CD TS 22002-4	Prerequisite programmes on food safety — Part 4: Food packaging manufacturing
ISO/CD TS 22002-5	Prerequisite programmes on food safety — Part 5: Transport and storage
ISO/CD TS 22002-6	Prerequisite programmes on food safety — Part 6: Feed and animal food production
ISO/CD 22002-100	Prerequisite programmes on food safety — Part 100: PRPs requirements common for all food chain categories
TC 38	Textiles
ISO/CD 7211-2	Textiles — Woven fabrics — Construction — Methods of analysis — Part 2: Determination of number of threads per unit length
TC 43	Acoustics
ISO/CD 17201-2	Acoustics — Noise from shooting ranges — Part 2: Prediction of muzzle blast
ISO/CD 17201-4	Acoustics — Noise from shooting ranges — Part 4: Prediction of projectile sound
TC 44	Welding and allied processes
ISO/CD 9606	Qualification testing of welders — Fusion welding
TC 58	Gas cylinders
ISO/CD 19078	Gas cylinders — Inspection of the cylinder installation, and requalification of high pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles
TC 61	Plastics
ISO/CD 8606	Plastics — Prepregs — Bulk moulding compound (BMC) and dough moulding compound (DMC) — Requirements and specifications
TC 67	Oil and gas industries including lower carbon energy
ISO/CD 5872	Oil and gas industries including lower carbon energy — Pipeline transportation systems — Terms and definitions
TC 69	Applications of statistical methods
ISO/CD 5725-5	Accuracy (trueness and precision) of measurement methods and results — Part 5: Alternative methods for the determination of the precision of a standard measurement method
TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO/CD 12439	Mixing water for concrete
TC 85	Nuclear energy, nuclear technologies, and radiological protection
ISO/CD TS 23406.2	Nuclear sector — Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS)
TC 86	Refrigeration and air-conditioning
ISO/CD 18483	Performance rating of Centrifugal Refrigerant Compressor

TC 94	Personal safety -- Personal protective equipment	ISO/CD 8144-1	Thermal insulation — Mineral wool mats for ventilated roof spaces — Part 1: Specification for applications with restricted ventilation
ISO/CD 11999-10	PPE for firefighters — Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures — Part 10: Part 10 Respiratory Protective Device (RPD)	ISO/CD 8144-2	Thermal insulation — Mineral wool mats for ventilated roof spaces — Part 2: Specification for horizontal applications with unrestricted ventilation
TC 127	Earth-moving machinery	ISO/CD 8145	Thermal insulation — Mineral wool board for over-deck insulation of roofs — Specification
ISO/CD TR 6750-2	Earth-moving machinery — Operator's manual — Part 2: List of references	ISO/CD 9076-2	Thermal insulation — Mineral-wool loose-fill for horizontal applications in ventilated roof spaces — Part 2: Principal responsibilities of installers
TC 131	Fluid power systems	ISO/CD 17738-4	Thermal insulation products — Exterior insulation and finish systems (EIFS) — Part 4: Site Verification
ISO/CD 4407	Hydraulic fluid power — Fluid contamination — Determination of particulate contamination by the counting method using an optical microscope	ISO/CD 18959	Thermal insulation products — Rigid nano-microporous insulation for industrial applications — Specification
TC 135	Non-destructive testing	ISO/CD 20812	Thermal insulation products for buildings — Cellular glass products — Specification
ISO/CD 18173	Non-destructive testing — General terms and definitions	TC 164	Mechanical testing of metals
ISO/CD 16826	Non-destructive testing — Ultrasonic testing — Examination for discontinuities perpendicular to the surface	ISO/CD 14577-1	Metallic materials — Instrumented indentation test for hardness and materials parameters — Part 1: Test method
ISO/CD 14096-1	Non-destructive testing — Qualification of radiographic film digitisation systems — Part 1: Definitions, quantitative measurements of image quality parameters, standard reference film and qualitative control	ISO/CD 14577-2	Metallic materials — Instrumented indentation test for hardness and materials parameters — Part 2: Verification and calibration of testing machines
ISO/CD 14096-2	Non-destructive testing — Qualification of radiographic film digitisation systems — Part 2: Minimum requirements	ISO/CD 14577-3	Metallic materials — Instrumented indentation test for hardness and materials parameters — Part 3: Calibration of reference blocks
ISO/CD 15708-1	Non-destructive testing — Radiation methods for computed tomography — Part 1: Terminology	TC 172	Optics and photonics
ISO/CD 15708-2	Non-destructive testing — Radiation methods for computed tomography — Part 2: Principles, equipment and samples	ISO/CD 10934	Microscopes — Vocabulary for light microscopy
ISO/CD 15708-3	Non-destructive testing — Radiation methods for computed tomography — Part 3: Operation and interpretation	TC 178	Lifts, escalators and moving walks
ISO/CD 15708-4	Non-destructive testing — Radiation methods for computed tomography — Part 4: Qualification	ISO/CD TR 8101-10	Fire safety on lifts — Part 10: Comparison of worldwide safety standards on lifts for firefighters
ISO/CD 16371-1	Non-destructive testing — Industrial computed radiography with storage phosphor imaging plates — Part 1: Classification of systems	TC 180	Solar energy
ISO/CD 19232-3	Non-destructive testing — Image quality of radiographs — Part 3: Image quality classes	ISO/CD 9059	Solar energy — Calibration of pyrheliometers by comparison to a reference pyrheliometer
TC 138	Plastics pipes, fittings and valves for the transport of fluids	TC 184	Automation systems and integration
ISO/CD 21036	Plastics piping systems for industrial applications — Unplasticized Polyamide (PA-U) — Metric series for specifications for components and system	ISO/CD TR 23164	Automation systems and integration - Core terminology for industrial data
ISO/CD PAS 22101-3	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 3: Fittings	TC 190	Soil quality
ISO/CD PAS 22101-5	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 5: Fitness for purpose of the system	ISO/CD 18718	Assessment of soil functions and related-ecosystem services: definitions and conceptual Framework
ISO/CD 18984	Ball valves for thermoplastics piping systems for hot and cold water installations under pressure — Types, dimensions and requirements	ISO/CD 18721	Assessment of ecological soil functions: indicators and methods
TC 150	Implants for surgery	ISO/DTS 22171	Soil quality — Determination of potential cation exchange capacity (CEC) and exchangeable cations buffered at pH 7, using a molar ammonium acetate solution
ISO/CD 5092	Additive manufacturing for medical — General principles — Additive manufacturing of non-active implants	TC 194	Biological and clinical evaluation of medical devices
ISO/CD 18967-1	Implants for surgery — Bone anchoring systems — Part 1: Part 1: Impact, expandable and threaded suture anchors requirements	ISO/CD 8250	Cleanliness of medical devices — Process design and test methods
TC 163	Thermal performance and energy use in the built environment	ISO/CD 10993-1	Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process
		ISO 10993-4:2017/CD Amd 1	Biological evaluation of medical devices — Part 4: Selection of tests for interactions with blood — Amendment 1
		TC 204	Intelligent transport systems
		ISO/CD TR 12786	Intelligent transport systems — Big data and artificial intelligence supporting intelligent transport systems — Use cases

ISO/CD 22086-2	Intelligent transport systems (ITS) — Network based precise positioning infrastructure for land transportation — Part 2: Functional requirements and data interface via nomadic device
ISO/CD 24298.2	Intelligent transport systems — Public transport — Light emitting diode (LED) destination board system for public transport buses
ISO/CD TS 24315-2	Intelligent transport systems — Management of electronic traffic regulations (METR) — Part 2: Operational concepts (ConOps)
TC 209	Cleanrooms and associated controlled environments
ISO/CD 14644-5	Cleanrooms and associated controlled environments — Part 5: Operations
TC 215	Health informatics
ISO/CD 13940	Health informatics — System of concepts to support continuity of care
TC 220	Cryogenic vessels
ISO/CD 21013-2	Cryogenic vessels — Pressure-relief accessories for cryogenic service — Part 2: Non-reclosable pressure-relief devices
ISO/CD 21028-1	Cryogenic vessels — Toughness requirements for materials at cryogenic temperature — Part 1: Temperatures below -80 degrees C
TC 267	Facility management
ISO/CD TR 41030	Facility management — Existing performance management in facility management organizations — State of the industry
TC 269	Railway applications
ISO/CD TR 8955	Railway applications — Track infrastructure — Track geometry chord based method
ISO/CD 9324	Railway applications — General rules for rolling stock gauges in international railway traffic
ISO/CD 9879	Railway applications — Rolling stock maintenance — Terms and definitions
TC 275	Sludge recovery, recycling, treatment and disposal
ISO/CD 23882	Sludge recovery, recycling, treatment and disposal — Guidelines for risk communication and management of public perception
TC 285	Clean cookstoves and clean cooking solutions
ISO/CD PAS 16617	Clean Cookstoves and Clean Cooking Solutions — Guidance for Evaluation
TC 292	Security and resilience
ISO/CD 22372	Security and resilience — Community resilience — Guidelines for resilient infrastructure
TC 293	Feed machinery
ISO/CD 24142	Safety requirements for machinery in feed processing mills
TC 299	Robotics
ISO/CD 13482	Robotics — Safety requirements for service robots
TC 307	Blockchain and distributed ledger technologies
ISO/CD TR 6277	Blockchain and distributed ledger technologies – Data flow model for blockchain and DLT use cases
TC 321	Transaction assurance in E-commerce
ISO/CD 32112	Transaction assurance in e-commerce — Relevant factors of evaluation and selection of indicators
TC 331	Biodiversity
ISO/CD 17298	Biodiversity — Strategic and operational approach for organisations— Requirements and guidelines

IULTCS	International Union of Leather Technologists and Chemists Societies
ISO/CD 23649	Chemicals for the leather tanning industry - Determination of cyclosiloxanes in waterproofing fatliquors
JTC 1	Information technology
ISO/IEC/IEEE CD 32430	Software Engineering — Standard for software non-functional sizing measurements
ISO/IEC CD 9868.2	Remote biometric identification systems — Design, development, and audit
ISO/IEC 19794-14:2022/CD Amd 1	Information technology — Biometric data interchange formats — Part 14: DNA data — Amendment 1: Conformance requirements
ISO/IEC CD 20059	Vulnerability of Biometric Recognition Systems with Respect to Morphing Attacks
ISO/IEC CD 29794-5.2	Information technology — Biometric sample quality — Part 5: Face image data

## DIS circulated

Period from 01 July to 01 August 2023

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	Paper, board and pulps	
ISO/DIS 7763	Testing of paper and board — Compressive strength of an in s-shape fixed sample	2023-10-13
TC 8	Ships and marine technology	
ISO/DIS 15371	Ships and marine technology — Fire-extinguishing systems for protection of galley cooking equipment (Revision of ISO 15371:2015)	2023-10-10
TC 17	Steel	
ISO/DIS 642	Steel — Hardenability test by end quenching (Jominy test)	2023-10-11
	(Revision of ISO 642:1999)	
ISO/DIS 643	Steels — Micrographic determination of the apparent grain size	2023-10-09
	(Revision of ISO 643:2019)	
ISO/DIS 9042	Steels — Point counting method for statistically estimating the volume fraction of a constituent with a point grid (Revision of ISO 9042:1988)	2023-09-26
TC 20	Aircraft and space vehicles	

ISO/DIS 9538	Aerospace series — Hydraulic tubing joints and fittings — Planar flexure test  (Revision of ISO 9538:2017)	2023-09-26	ISO/DIS 11471	Agricultural tractors and machinery — Coding of remote hydraulic power services and controls  (Revision of ISO 11471:1995)	2023-09-25
ISO/DIS 9621	Space systems — Methods to decide thermal vacuum test cycles of recurring production according to precipitation efficiency and reliability	2023-10-23	TC 34	Food products	
ISO/DIS 14953	Space systems — Structural design — Determination of loading levels for static qualification testing of launch vehicles (Revision of ISO 14953:2000)	2023-10-18	ISO/DIS 24557	Pulses — Determination of moisture content — Air-oven method  (Revision of ISO 24557:2009)	2023-09-28
ISO/DIS 26900	Space data and information transfer systems — Orbit data messages  (Revision of ISO 26900:2012)	2023-10-10	ISO/DIS 5642	Tea polyphenol extracts — Definition and basic requirements	2023-10-17
TC 22	Road vehicles		ISO 6887-1:2017/DAmD 1	Microbiology of the food chain — Preparation of test samples, initial suspension and decimal dilutions for microbiological examination — Part 1: General rules for the preparation of the initial suspension and decimal dilutions — Amendment 1: Requirements and guidance on the use of larger test portion size for qualitative methods	2023-10-23
ISO/DIS 11898-1	Road vehicles — Controller area network (CAN) — Part 1: Data link layer and physical coding sublayer  (Revision of ISO 11898-1:2015)	2023-09-25	ISO 16140-2:2016/DAmD 1	Microbiology of the food chain — Method validation — Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method — Amendment 1: Revision of qualitative MCS data evaluation, RLOD calculations in the ILS, calculation and interpretation of the RT study, and inclusion of a commercial sterility testing protocol for specific products	2023-10-10
ISO/DIS 13209-4	Road vehicles — Open Test sequence eXchange format (OTX) — Part 4: Expanded extensions interface definition (Revision of ISO 13209-4:2021)	2023-10-13	ISO 16140-4:2020/DAmD 1	Microbiology of the food chain — Method validation — Part 4: Protocol for method validation in a single laboratory — Amendment 1: Validation of a larger test portion size for qualitative methods	2023-10-11
ISO/DIS 8092-7	Road vehicles — Connections for on-board electrical wiring harnesses — Part 7: Electrical connection requirements, test methods and interface definition for miniaturized coaxial connections	2023-10-11	TC 43	Acoustics	
ISO/DIS 11451-1.2	Road vehicles — Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 1: General principles and terminology (Revision of ISO 11451-1:2015)	2023-09-25	ISO 7029:2017/DAmD 1	Acoustics — Statistical distribution of hearing thresholds related to age and gender — Amendment 1: Correction of parameter values for estimating the hearing threshold distribution	2023-10-19
ISO/DIS 11452-1.2	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 1: General principles and terminology (Revision of ISO 11452-1:2015)	2023-09-20	ISO/DIS 3095	Railway applications — Acoustics — Measurement of noise emitted by railbound vehicles  (Revision of ISO 3095:2013)	2023-10-13
ISO/DIS 22760-3	Road vehicles — Dimethyl Ether (DME) fuel system components — Part 3: 85% stop valve	2023-09-29	ISO/DIS 16254	Acoustics — Measurement of sound emitted by road vehicles of category M and N at standstill and low speed operation — Engineering method (Revision of ISO 16254:2016)	2023-10-03
ISO/DIS 22760-4	Road vehicles — Dimethyl Ether (DME) fuel system components — Part 4: Level indicator	2023-09-29	TC 45	Rubber and rubber products	
ISO/DIS 22760-6	Road vehicles — Dimethyl Ether (DME) fuel system components — Part 6: Pressure relief valve (PRV)	2023-09-29	ISO/DIS 37	Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties  (Revision of ISO 37:2017)	2023-10-04
ISO/DIS 22760-9	Road vehicles — Dimethyl Ether (DME) fuel system components — Part 9: Pressure relief device (PRD)	2023-09-29	ISO/DIS 3384-1	Rubber, vulcanized or thermoplastic — Determination of stress relaxation in compression — Part 1: Testing at constant temperature (Revision of ISO 3384-1:2019)	2023-10-19
ISO/DIS 24671	Road vehicles — Qualification and Certification of Technical Personnel dealing with Natural Gas Vehicles (NGVs)	2023-09-28			
TC 23	Tractors and machinery for agriculture and forestry				

ISO/DIS 5600	Rubber — Determination of adhesion to rigid materials using conical shaped parts	2023-10-04	ISO 20344:2021/DAmD 1	Personal protective equipment — Test methods for footwear — Amendment 1	2023-10-05
	(Revision of ISO 5600:2017)		ISO/DIS 16321-4	Eye and face protection for occupational use — Part 4: Additional requirements for protection against biological hazards	2023-10-24
ISO/DIS 5603	Rubber, vulcanized — Determination of adhesion to wire cord	2023-10-04	ISO/DIS 11999-9	PPE for firefighters — Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures — Part 9: Firehoods (Revision of ISO 11999-9:2016)	2023-09-26
ISO/DIS 19983	Rubber — Determination of precision of test methods	2023-10-23	TC 104	Freight containers	
	(Revision of ISO 19983:2022)		ISO 1496-1:2013/DAmD 2	Series 1 freight containers — Specification and testing — Part 1: General cargo containers for general purposes — Amendment 2	2023-10-10
ISO/DIS 2475	Chloroprene rubber (CR) — General-purpose types — Evaluation procedure	2023-10-06	TC 110	Industrial trucks	
	(Revision of ISO 2475:2011)		ISO/DIS 10896-8	Rough-terrain trucks — Safety requirements and verification — Part 8: Requirements for trucks designed for towing	2023-10-18
TC 59	Buildings and civil engineering works		TC 122	Packaging	
ISO/DIS 7817.2	Building information modelling — Level of information need — Concepts and principles	2023-09-14	ISO/DIS 6608-1	Active and intelligent packaging — Part 1: General requirements and specifications of active packaging	2023-09-26
TC 61	Plastics		TC 123	Plain bearings	
ISO/DIS 17855-2	Plastics — Polyethylene (PE) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties (Revision of ISO 17855-2:2016)	2023-10-12	ISO/DIS 7148-1.2	Plain bearings — Testing of the tribological behaviour of bearing materials — Part 1: Testing of bearing metals (Revision of ISO 7148-1:2012)	2023-09-05
TC 67	Oil and gas industries including lower carbon energy		ISO/DIS 7148-2.2	Plain bearings — Testing of the tribological behaviour of bearing materials — Part 2: Testing of polymer-based bearing materials (Revision of ISO 7148-2:2012)	2023-09-08
ISO 13623:2017/DAmD 1	Petroleum and natural gas industries — Pipeline transportation systems — Amendment 1: Complementary requirements for the transportation of fluids containing carbon dioxide or hydrogen	2023-09-28	ISO 3548-1:2022/DAmD 1	Plain bearings — Thin-walled half bearings with or without flange — Part 1: Tolerances, design features and methods of test — Amendment 1	2023-09-25
ISO/DIS 15590-1	Oil and gas industries including lower carbon energy — Factory bends, fittings and flanges for pipeline transportation systems — Part 1: Induction bends (Revision of ISO 15590-1:2018)	2023-10-16	TC 135	Non-destructive testing	
ISO/DIS 6398-1	Petroleum and natural gas industries — Submersible linear motor systems for artificial lift — Part 1: Submersible linear motors	2023-10-06	ISO/DIS 16946	Non-destructive testing — Ultrasonic testing — Specification for a step wedge calibration block (Revision of ISO 16946:2017)	2023-10-11
ISO/DIS 16904-2	Installation and equipment for liquefied natural gas — Design and testing of marine transfer systems — Part 2: Design and testing of transfer hoses	2023-10-24	ISO/DIS 32543-1	Non-destructive testing — Characteristics of focal spots in industrial X-ray systems — Part 1: Pinhole camera radiographic method	2023-09-29
TC 71	Concrete, reinforced concrete and pre-stressed concrete		TC 142	Cleaning equipment for air and other gases	
ISO/DIS 22040-2	Life cycle management of concrete structures — Part 2: Structural planning and design stage	2023-10-19	ISO/DIS 23742	Test method for the evaluation of permeability and filtration efficiency distribution of bag filter medium	2023-10-17
TC 92	Fire safety		TC 150	Implants for surgery	
ISO/DIS 19702	Sampling and analysis of toxic gases and vapours in fire effluents using Fourier Transform Infrared (FTIR) spectroscopy (Revision of ISO 19702:2015)	2023-09-26	ISO/DIS 7199	Cardiovascular implants and artificial organs — Blood-gas exchangers (oxygenators) (Revision of ISO 7199:2016, ISO 7199:2016/Amd 1:2020)	2023-10-11
TC 94	Personal safety -- Personal protective equipment				

TC 158	Analysis of gases		ISO/DIS 5820	Microbeam Analysis — Hyper-Dimensional Data File Specification (HMSA)	2023-09-25
ISO/DIS 6143	Gas analysis — Comparison methods for determining and checking the composition of calibration gas mixtures (Revision of ISO 6143:2001)	2023-10-23	TC 204	Intelligent transport systems	
ISO/DIS 14912	Gas analysis — Conversion of gas mixture composition data  (Revision of ISO 14912:2003, ISO 14912:2003/Cor 1:2006)	2023-10-23	ISO/DIS 14813-1	Intelligent transport systems — Reference model architecture(s) for the ITS sector — Part 1: ITS service domains, service groups and services (Revision of ISO 14813-1:2015)	2023-10-18
TC 159	Ergonomics		TC 207	Environmental management	
ISO/DIS 17097	3-D human body scan data — Part 1: Terminologies and methodologies for processing of human scan data	2023-10-02	IEC/DIS 82474-1	Material declaration — Part 1: General requirements	2023-10-13
TC 172	Optics and photonics		TC 211	Geographic information/ Geomatics	
ISO/DIS 6760-1	Optics and photonics — Test method for temperature coefficient of refractive index of optical glasses — Part 1: Minimum deviation method	2023-10-13	ISO/DIS 19164	Geographic information — Indoor feature model	2023-09-29
ISO/DIS 6760-2	Optics and photonics — Test method for temperature coefficient of refractive index of optical glasses — Part 2: Interferometric method	2023-10-13	TC 213	Dimensional and geometrical product specifications and verification	
ISO/DIS 8237	Optics and photonics — Optical materials and components — Specification of chalcogenide glass used in the infrared spectrum	2023-10-24	ISO/DIS 5463	Geometrical product specifications (GPS) — Form measuring equipment; Rotary axis form measuring instruments — Design and metrological characteristics	2023-10-24
ISO/DIS 11554	Optics and photonics — Lasers and laser-related equipment — Test methods for laser beam radiant power, radiant energy and temporal characteristics (Revision of ISO 11554:2017)	2023-10-12	TC 219	Floor coverings	
TC 173	Assistive products		ISO/DIS 2424	Textile floor coverings — Vocabulary  (Revision of ISO 2424:2007)	2023-10-02
ISO 16840-10:2021/DAmD 1	Wheelchair seating — Part 10: Resistance to ignition of postural support devices — Requirements and test method — Amendment 1: Amended with additional Annexes	2023-10-11	TC 221	Geosynthetics	
TC 184	Automation systems and integration		ISO/DIS 10319	Geosynthetics — Wide-width tensile test  (Revision of ISO 10319:2015)	2023-10-11
ISO/DIS 10303-239	Industrial automation systems and integration — Product data representation and exchange — Part 239: Application protocol: Product life cycle support (PLCS) (Revision of ISO 10303-239:2012)	2023-10-20	ISO/DIS 13428	Geosynthetics — Determination of the protection efficiency of a geosynthetic against impact damage  (Revision of ISO 13428:2005)	2023-10-06
ISO/DIS 20140-5	Automation systems and integration — Evaluating energy efficiency and other factors of manufacturing systems that influence the environment — Part 5: Environmental performance evaluation data (Revision of ISO 20140-5:2017)	2023-10-05	TC 228	Tourism and related services	
TC 190	Soil quality		ISO/DIS 8804-1	Requirements for the training of scientific divers — Part 1: Scientific divers	2023-10-24
ISO/DIS 17126	Soil quality — Determination of the effects of pollutants on soil flora — Screening test for emergence of lettuce seedlings ( <i>Lactuca sativa</i> L.) (Revision of ISO 17126:2005)	2023-10-24	ISO/DIS 8804-2	Requirements for the training of scientific divers — Part 2: Advanced scientific divers	2023-10-23
ISO/DIS 8259	Soil quality — Bioaccessibility of organic and inorganic pollutants from contaminated soil and soil-like material	2023-09-26	ISO/DIS 8804-3	Requirements for the training of scientific divers — Part 3: Scientific diving project leader	2023-10-24
TC 202	Microbeam analysis		TC 251	Asset management	
			ISO/DIS 55000	Asset management — Overview, principles and terminology  (Revision of ISO 55000:2014)	2023-10-24

ISO/DIS 55001	Asset management — Management systems — Requirements	2023-10-24	ISO/IEC 14496-15:2022/DAmD 2	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 2: Picture-in-picture support and other extensions	2023-10-04
ISO/DIS 55012	(Revision of ISO 55001:2014) Asset management — Guidelines on people involvement and competence	2023-10-24	ISO/IEC DIS 14496-26	Information technology — Coding of audio-visual objects — Part 26: Audio conformance	2023-10-18
ISO/DIS 55013	Asset management - Guidance on the management of data assets	2023-10-24		(Revision of ISO/IEC 14496-26:2010, ISO/IEC 14496-26:2010/Amd 2:2010, ISO/IEC 14496-26:2010/Cor 2:2011, ISO/IEC 14496-26:2010/Cor 3:2011, ISO/IEC 14496-26:2010/Cor 4:2011, ISO/IEC 14496-26:2010/Cor 5:2012, ISO/IEC 14496-26:2010/Cor 6:2013, ISO/IEC 14496-26:2010/Amd 3:2014, ISO/IEC 14496-26:2010/Cor 7:2013, ISO/IEC 14496-26:2010/Cor 8:2015, ISO/IEC 14496-26:2010/Amd 4:2016, ISO/IEC 14496-26:2010/Amd 5:2018)	
TC 268	Sustainable cities and communities				
ISO/DIS 37111	Sustainable cities and communities – Urban districts, towns, counties and neighbourhoods – Guidelines for flexible approaches to phased implementation of ISO 37101	2023-10-11			
TC 292	Security and resilience				
ISO/DIS 22340	Security and resilience — Protective security — Guidelines for an enterprise protective security architecture and framework	2023-10-02	ISO/IEC DIS 18181-1	Information technology — JPEG XL image coding system — Part 1: Core coding system	2023-10-11
ISO/DIS 22359	Security and resilience — Guidelines for hardened protective shelters	2023-10-02		(Revision of ISO/IEC 18181-1:2022, ISO/IEC 18181-1:2022/Amd 1:2022)	
TC 298	Rare earth		ISO/IEC DIS 18181-2	Information technology — JPEG XL image coding system — Part 2: File format	2023-10-11
ISO/DIS 24181-1	Rare Earth — Determination of non-rare earth impurities in individual rare earth metals and their oxides — ICP-AES — Part 1: Analysis of Al, Ca, Mg, Fe and Si	2023-10-10	ISO/IEC DIS 18477-1	(Revision of ISO/IEC 18181-2:2021) Information technology — Scalable compression and coding of continuous-tone still images — Part 1: Core coding system specification (Revision of ISO/IEC 18477-1:2020)	2023-10-04
IULTCS	International Union of Leather Technologists and Chemists Societies		ISO/IEC DIS 21122-1	Information technology — JPEG XS low-latency lightweight image coding system — Part 1: Core coding system (Revision of ISO/IEC 21122-1:2022)	2023-10-11
ISO/DIS 20433	Leather — Tests for colour fastness — Colour fastness to crocking	2023-09-25			
	(Revision of ISO 20433:2012)		ISO/IEC DIS 21794-5	Information technology — Plenoptic image coding system (JPEG Pleno) — Part 5: Holography	2023-10-18
JTC 1	Information technology				
ISO/IEC DIS 29110-1-2	Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 1-2: Vocabulary (Revision of ISO/IEC TR 29110-1:2016)	2023-10-23	ISO/IEC 23001-11:2023/DAmD 1	Information technology — MPEG systems technologies — Part 11: Energy-efficient media consumption (green metadata) — Amendment 1: Energy-efficient media consumption (green metadata) for EVC	2023-10-04
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ISO/IEC DIS 11179-34	Information technology — Meta- data registries (MDR) — Part 34: Metamodel for computable data registration	2023-10-10	ISO/FDIS 14624-2	(Revision of ISO 14624-1:2003) Space systems — Safety and compatibility of materials — Part 2: Determination of flammability of electrical-wire insulation and acces- sory materials (Revision of ISO 14624-2:2003)	2023-09-04
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## FDIS circulated

Period from 01 July to 01 August 2023

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	
TC 1	Screw threads				
ISO/PRF 68-1	ISO general purpose screw threads — Basic and design profiles — Part 1: Metric screw threads (Revision of ISO 68-1:1998, ISO 68- 1:1998/Amd 1:2020)		ISO 20766-5		
ISO/PRF 68-2	ISO general purpose screw threads — Basic and design profiles — Part 2: Inch screw threads (Revision of ISO 68-2:1998, ISO 68- 2:1998/Amd 1:2020)		TC 22		
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ISO/FDIS 683-7	Heat-treatable steels, alloy steels and free-cutting steels — Part 7: Bright products of non-alloy and alloy steels (Revision of ISO 683-18:2014)	2023-09-22	ISO 23316-3		
ISO/FDIS 16143-4	Stainless steels for general pur- poses — Part 4: Bright products  (Revision of ISO 683-18:2014)	2023-09-21	ISO 23316-4		
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			TC 28		
			ISO/FDIS 3104		

ISO/FDIS 11158	Lubricants, industrial oils and related products (class L) — Family H (hydraulic systems) — Specifications for categories HH, HL, HM, HV and HG (Revision of ISO 11158:2009)	2023-09-08	ISO/FDIS 23948	Plastics — Intumescence properties of PVC materials and products — Test method for the measurement of expansion with the cone calorimeter	2023-09-25
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ISO/PRF 24460	Measurement of fluid flow rate in closed conduits — Radioactive tracer methods		ISO/FDIS 61	Plastics — Determination of apparent density of moulding material that cannot be poured from a specified funnel (Revision of ISO 61:1976)	2023-08-29
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ISO/FDIS 24381	Bee propolis — Specifications	2023-08-29	TC 67	Oil and gas industries including lower carbon energy	
TC 38	Textiles		ISO/FDIS 24202	Oil and gas industries including lower carbon energy — Bulk material for offshore projects — Mono-rail beam and padeye	2023-08-30
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ISO/FDIS 18692-4	Fibre ropes for offshore station-keeping — Part 4: Polyarylate  (Revision of ISO/TS 19336:2015)	2023-08-29	ISO/FDIS 12736-3	Oil and gas industries including lower carbon energy — Wet thermal insulation systems for pipelines and subsea equipment — Part 3: Interfaces between systems, field joint system, field repairs and prefabricated insulation (Revision of ISO 12736:2014)	2023-08-31
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ISO/DTS 4188	Magnesium and magnesium alloys — Determination of arsenic — Inductively coupled plasma optical emission spectrometric method	2023-09-19	ISO/FDIS 7021	Earth-moving machinery and machinery for forestry — Operator protective structures — Material performance requirements	2023-09-15
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ISO/PRF 1750	Pesticides and other agrochemicals — Common names (Revision of ISO 1750:1981, ISO 1750:1981/Amd 1:1982, ISO 1750:1981/Amd 2:1999, ISO 1750:1981/Amd 3:2001, ISO 1750:1981/Amd 4:2008, ISO 1750:1981/Amd 5:2008, ISO 1750:1981/Amd 6:2018, ISO 1750:1981/Amd 7:2021)		ISO/DTS 16943.2	Thermoplastic pipes for the conveyance of fluids — Inspection of polyethylene electrofusion socket joints using phased array ultrasonic testing (Revision of ISO/TS 16943:2019)	2023-09-11
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ISO/IEC FDIS 27033-7	Information technology – Network security — Part 7: Guidelines for network virtualization security	2023-09-25
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## Standards published

New International Standards published between 01 July and 01 August 2023

- 1 delayed publication of language version
- 2 corrected version
- 3 multilingual document

			Price group
TC 6		Paper, board and pulps	
ISO/TS 11371:2023	en	Pulps — Guidelines for using laboratory refiners to simulate industrial low consistency refining	C
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ISO/TR 7470:2023	en	Gas cylinders — List of provisions	A	TC 69		Applications of statistical methods	
ISO 11119-3:2020/Amd 1:2023	en	Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes — Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners — Amendment 1	XZ	ISO 5725-1:2023	en fr	Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions	D
				ISO 5725-3:2023	fr	Accuracy (trueness and precision) of measurement methods and results — Part 3: Intermediate precision and alternative designs for collaborative studies	G
				TC 71		Concrete, reinforced concrete and pre-stressed concrete	
				ISO 5091-1:2023	en	Structural intervention of existing concrete structures using cementitious materials — Part 1: General principles	D

ISO 5091-2:2023	en	Structural intervention of existing concrete structures using cementitious materials — Part 2: Top-surface overlaying	C	ISO 24585-1:2023	en	Graphic technology — Multispectral imaging measurement and colorimetric computation for graphic arts and industrial application — Part 1: Parameters and measurement methods	B
ISO 5091-3:2023	en	Structural intervention of existing concrete structures using cementitious materials — Part 3: Bottom-surface (soffit) underlaying	E	TC 131		Fluid power systems	
ISO 5091-4:2023	en	Structural intervention of existing concrete structures using cementitious materials — Part 4: Jacketing	D	ISO 7241:2023	en fr	Hydraulic fluid power — Dimensions and requirements of quick-action couplings	B
TC 85		Nuclear energy, nuclear technologies, and radiological protection		TC 134		Fertilizers, soil conditioners and beneficial substances	
ISO 2889:2023	en fr	Sampling airborne radioactive materials from the stacks and ducts of nuclear facilities	H	ISO/TS 20917:2023	en	Fertilizers, soil conditioners and beneficial substances — Determination of ammonium citrate, disodium-EDTA soluble phosphorus and potassium by ICP-OES in inorganic fertilizers	D
ISO 18589-3:2023	en fr	Measurement of radioactivity in the environment — Soil — Part 3: Test method of gamma-emitting radionuclides using gamma-ray spectrometry	E	TC 136		Furniture	
ISO 20043-2:2023	en	Measurement of radioactivity in the environment — Guidelines for effective dose assessment using environmental monitoring data — Part 2: Emergency exposure situation	E	ISO 19682:2023	en	Furniture — Tables — Test methods for the determination of stability, strength and durability	F
TC 92		Fire safety		TC 138		Plastics pipes, fittings and valves for the transport of fluids	
ISO 24678-4:2023	fr	Fire safety engineering — Requirements governing algebraic formulae — Part 4: Smoke layers	E	ISO/TS 16486-7:2023	en	Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 7: Assessment of conformity	E
ISO 24678-5:2023	fr	Fire safety engineering — Requirements governing algebraic formulae — Part 5: Vent flows	F	ISO 8513:2023	en	Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) pipes — Test methods for the determination of the initial longitudinal tensile strength	B
ISO/TR 24679-5:2023	en	Fire safety engineering — Performance of structures in fire — Part 5: Example of a timber building in Canada	G	ISO 10468:2023	en	Glass-reinforced thermosetting plastics (GRP) pipes — Determination of the ring creep properties under wet or dry conditions	B
TC 106		Dentistry		TC 145		Graphical symbols	
ISO 3990:2023	en fr	Dentistry — Evaluation of antibacterial activity of dental restorative materials, luting materials, fissure sealants and orthodontic bonding or luting materials	D	ISO 7010:2019/ Amd 7:2023	en	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 7	XZ
TC 107		Metallic and other inorganic coatings		TC 147		Water quality	
ISO 5154:2023	en	Decorative metallic coatings for radio wave transmissive application products — Designation and characterization method	D	ISO/TS 7013:2023	en	Water quality — Guidance and requirements for designing an interlaboratory trial for validation of analytical methods	B
TC 119		Powder metallurgy		ISO 13164-4:2023	en fr	Water quality — Radon-222 — Part 4: Test method using two-phase liquid scintillation counting	C
ISO 5842:2022	fr	Powder metallurgy — Hot isostatic pressing — Argon detection using gas chromatography and mass spectrometry techniques	B	ISO 13167:2023	en fr	Water quality — Plutonium, americium, curium and neptunium — Test method using alpha spectrometry	E
TC 121		Anaesthetic and respiratory equipment		TC 150		Implants for surgery	
ISO 5367:2023	en fr	Anaesthetic and respiratory equipment — Breathing sets and connectors	E	ISO 22926:2023	en	Implants for surgery — Specification and verification of synthetic anatomical bone models for testing	C
ISO 27427:2023	en fr	Anaesthetic and respiratory equipment — Nebulizing systems and components	E	ISO 21535:2023	en fr	Non-active surgical implants — Joint replacement implants — Specific requirements for hip-joint replacement implants	E
TC 130		Graphic technology		ISO 21536:2023	en fr	Non-active surgical implants — Joint replacement implants — Specific requirements for knee-joint replacement implants	D

TC 154		Processes, data elements and documents in commerce, industry and administration					
ISO/TR 16340:2023	en	Application of blockchain-based traceability platform for cold chain food					B
TC 156		Corrosion of metals and alloys					
ISO 5668:2023	en	Corrosion of metals and alloys — Guidelines and requirements for corrosion testing in simulated environment of deep-sea water					C
TC 159		Ergonomics					
ISO/TS 9241-620:2023	en	Ergonomics of human-system interaction — Part 620: The role of sound for users of interactive systems					D
ISO 7933:2023	en fr	Ergonomics of the thermal environment — Analytical determination and interpretation of heat stress using calculation of the predicted heat strain					E
TC 164		Mechanical testing of metals					
ISO 204:2023	en fr	Metallic materials — Uniaxial creep testing in tension — Method of test					F
TC 168		Prosthetics and orthotics					
ISO/TS 4549:2023	en	Orthotics — Method for testing the reliability of microprocessor-controlled ankle moment units of ankle-foot orthoses					C
TC 171		Document management applications					
ISO/TS 32005:2023	en	Document management — Portable Document Format — PDF 1.7 and 2.0 structure namespace inclusion in ISO 32000-2					F
TC 172		Optics and photonics					
ISO 9022-2:2015/Amd 1:2023	en	Optics and photonics — Environmental test methods — Part 2: Cold, heat and humidity — Amendment 1					XZ
ISO 10110-16:2023	en fr	Optics and photonics — Preparation of drawings for optical elements and systems — Part 16: Diffractive surfaces					E
ISO 8424:2023	en	Raw optical glass — Resistance to attack by aqueous acidic solutions — Test method and classification					C
ISO 9342-1:2023	en fr	Optics and optical instruments — Test lenses for calibration of focimeters — Part 1: Reference lenses for focimeters used for measuring spectacle lenses					D
ISO 24013:2023	fr	Optics and photonics — Lasers and laser-related equipment — Measurement of phase retardation of optical components for polarized laser radiation					C
TC 178		Lifts, escalators and moving walks					
ISO 25745-1:2023	en fr	Energy performance of lifts, escalators and moving walks — Part 1: Energy measurement and verification					C
TC 182		Geotechnics					
ISO 22477-2:2023	en fr	Geotechnical investigation and testing — Testing of geotechnical structures — Part 2: Testing of piles: Static tension load testing					D
TC 184		Automation systems and integration					
ISO/TR 3151-1:2023	en	Visualization elements of PLM-MES interface — Part 1: Overview					E
TC 190		Soil quality					
ISO 4974:2023	en	Soil quality — Guidance on soil temperature measurement					B
ISO 5120:2023	en	Soil quality — Determination of perchlorate in soil using liquid chromatography-tandem mass spectrometry (LC-MS/MS)					B
TC 194		Biological and clinical evaluation of medical devices					
ISO/TS 11796:2023	en	Biological evaluation of medical devices — Requirements for interlaboratory studies to demonstrate the applicability of validated in vitro methods to assess the skin sensitization of medical devices					E
TC 195		Building construction machinery and equipment					
ISO 19433:2008	fr	Building construction machinery and equipment — Pedestrian-controlled vibratory plates — Terminology and commercial specifications					B
TC 204		Intelligent transport systems					
ISO 17573-3:2023	en	Electronic fee collection — System architecture for vehicle-related tolling — Part 3: Data dictionary					F
ISO 23374-1:2023	en	Intelligent transport systems — Automated valet parking systems (AVPS) — Part 1: System framework, requirements for automated driving and for communications interface					H
TC 206		Fine ceramics					
ISO 3180:2023	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of calcium-phosphate-based powders for non-biomedical applications					C
ISO 19810:2023	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for self-cleaning performance of semiconducting photocatalytic materials under indoor lighting environment — Measurement of water contact angle					B
ISO 24448:2023	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — LED light source for testing semiconducting photocatalytic materials used under indoor lighting environment					C
TC 209		Cleanrooms and associated controlled environments					
ISO 14644-4:2022	fr	Cleanrooms and associated controlled environments — Part 4: Design, construction and start-up					G
TC 215		Health informatics					
ISO/TS 23357:2023	en	Genomics informatics — Clinical genomics data sharing specification for next-generation sequencing					C
TC 218		Timber					

ISO 4556:2023	en fr	Wood raw parquet elements — General characteristics	B	ISO 30435:2023	en	Human resource management — Workforce data quality	C
ISO 4561:2023	en fr	Wood raw parquets elements — Classification	B	TC 265		Carbon dioxide capture, transportation, and geological storage	
ISO 4562:2023	en fr	Wood parquet strips — Classification	B	ISO/TR 27925:2023	en	Carbon dioxide capture, transportation and geological storage — Cross cutting issues — Flow assurance	G
TC 229		Nanotechnologies		TC 269		Railway applications	
ISO/TS 23690:2023	en	Nanotechnologies — Multiwall carbon nanotubes — Determination of carbon impurity content by thermogravimetric analysis	D	ISO 22163:2023	en fr	Railway applications — Railway quality management system — ISO 9001:2015 and specific requirements for application in the railway sector	G
ISO 80004-1:2023	en fr	Nanotechnologies – Vocabulary — Part 1: Core vocabulary	A	TC 275		Sludge recovery, recycling, treatment and disposal	
TC 241		Road traffic safety management systems		ISO/TR 22707:2023	en	Sludge recovery, recycling, treatment and disposal — Information on the processes and technologies for inorganic substance and nutrient recovery	F
ISO 39003:2023	en	Road traffic safety (RTS) — Guidance on ethical considerations relating to safety for autonomous vehicles	F	TC 276		Biotechnology	
TC 244		Industrial furnaces and associated processing equipment		ISO 24421:2023	en	Biotechnology — Minimum requirements for optical signal measurements in photometric methods for biological samples	E
ISO 20431:2023	en fr	Heat treatment — Control of quality	F	TC 281		Fine bubble technology	
TC 249		Traditional Chinese medicine		ISO/TS 24217-1:2023	en	Fine bubble technology — Guideline for indicating benefits — Part 1: Requirements for systematic classification of effective functions of fine bubbles	B
ISO 5228:2023	en	Traditional Chinese medicine — <i>Rheum palmatum</i> , <i>Rheum tanguticum</i> and <i>Rheum officinale</i> root and rhizome	D	TC 296		Bamboo and rattan	
ISO 7177:2023	en	Traditional Chinese medicine — <i>Coptis chinensis</i> and <i>Coptis japonica</i> rhizome	C	ISO 6128:2023	en	Laminated products made of bamboo strips for indoor furniture purposes — Requirements and test methods	B
TC 256		Pigments, dyestuffs and extenders		TC 309		Governance of organizations	
ISO 3262-7:2023	en fr	Extenders — Specifications and methods of test — Part 7: Dolomite	A	ISO/TS 37008:2023	en	Internal investigations of organizations — Guidance	D
ISO 3262-9:2023	en fr	Extenders — Specifications and methods of test — Part 9: Calcined clay	B	IULTCS		International Union of Leather Technologists and Chemists Societies	
ISO 3262-12:2023	fr	Extenders — Specifications and methods of test — Part 12: Muscovite-type mica	A	ISO 11936:2023	en fr	Leather — Determination of total content of certain bisphenols	B
ISO 3262-14:2023	en fr	Extenders — Specifications and methods of test — Part 14: Cristobalite	A	JTC 1		Information technology	
ISO 3262-18:2023	en fr	Extenders — Specifications and methods of test — Part 18: Precipitated sodium aluminium silicate	B	ISO/IEC 10646:2020/ Amd 1:2023	en	Information technology — Universal coded character set (UCS) — Amendment 1: CJK Unified Ideographs Extension H, Vithkuqi, Old Uyghur, Cypriot, and other characters	H
ISO 3262-22:2023	fr	Extenders — Specifications and methods of test — Part 22: Flux-calcined kieselguhr	A	ISO/IEC 5021-1:2023	en	Telecommunications and information exchange between systems — Wireless LAN access control — Part 1: Networking architecture	B
TC 260		Human resource management		ISO/IEC/IEEE 8802-1AB:2017/ Amd 1:2023	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 1AB: Station and media access control connectivity discovery — Amendment 1: YANG data model	F

ISO/IEC/IEEE 8802-1AB:2017/ Amd 2:2023	en	Information technology — Telecom- munications and information ex- change between systems — Local and metropolitan area networks — Specific requirements — Part 1AB: Station and media access control connectivity discovery — Amendment 2: Support for multiframe protocol data units	F
ISO/IEC/IEEE 23026:2023	en	Systems and software engineering — Engineering and management of web- sites for systems, software and services information	G
ISO/IEC/IEEE 24748-6:2023	en	Systems and software engineering — Life cycle management — Part 6: System and software integration	F
ISO/IEC 24773-4:2023	en	Software and systems engineering — Certification of software and systems engineering professionals — Part 4: Software engineering	C
ISO/IEC TS 5147:2023	en	Information technology — Computer graphics, image processing and environ- mental data representation — Guide- lines for representation and visualization of smart cities	E
ISO/IEC 4922-1:2023	en	Information security — Secure multi- party computation — Part 1: General	B
ISO/IEC 24392:2023	en	Cybersecurity — Security reference model for industrial internet platform (SRM- IIP)	E
ISO/IEC 27071:2023	en	Cybersecurity — Security recommenda- tions for establishing trusted connec- tions between devices and services	D
ISO/IEC 15938-18:2023	en	Information technology — Multimedia content description interface — Part 18: Conformance and reference software for compression of neural networks	D
ISO/IEC 23200-2:2023	en	Information technology — Radio fre- quency identification for item manage- ment — Part 2: Interference rejection performance test method between an Interrogator as defined in ISO/IEC 18000-63 and a heterogeneous wireless system	C
ISO/IEC 19763-1:2023	en	Information technology — Metamodel framework for interoperability (MFI) — Part 1: Framework	C
ISO/IEC 19763-10:2023	en	Information technology — Metamodel framework for interoperability (MFI) — Part 10: Core model and basic mapping	D
ISO/IEC 23859:2023	en fr	Information technology — User inter- faces — Requirements and recommen- dations on making written text easy to read and understand	D
ISO/IEC 24714:2023	en	Biometrics — Cross-jurisdictional and societal aspects of biometrics — Gen- eral guidance	E
ISO/IEC 8183:2023	en	Information technology — Artificial intelligence — Data life cycle framework	B
ISO/IEC 24029-2:2023	en	Artificial intelligence (AI) — Assessment of the robustness of neural networks — Part 2: Methodology for the use of formal methods	D

## Standards confirmed

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

TC 2	Fasteners
ISO 4027:2003	(reconfirmed)
ISO 4028:2003	(reconfirmed)
ISO 4029:2003	(reconfirmed)
ISO 4762:2004	(reconfirmed)
ISO 4757:1983	(reconfirmed)
ISO 10683:2018	
ISO 15330:1999	(reconfirmed)
TC 4	Rolling bearings
ISO 15312:2018	
TC 5	Ferrous metal pipes and metallic fittings
ISO 10799-1:2011	(reconfirmed)
ISO 10799-2:2011	(reconfirmed)
ISO 12633-1:2011	(reconfirmed)
ISO 12633-2:2011	(reconfirmed)
TC 8	Ships and marine technology
ISO 614:2012	(reconfirmed)
ISO 1751:2012	(reconfirmed)
ISO 3903:2012	(reconfirmed)
ISO 20233-1:2018	
ISO 20313:2018	
ISO 21005:2018	
ISO 21984:2018	
TC 17	Steel
ISO 4940:1985	(reconfirmed)
TC 20	Aircraft and space vehicles
ISO 1540:2006	(reconfirmed)
ISO 11532:2018	
ISO 16691:2014	
TC 22	Road vehicles
ISO 15118-5:2018	
ISO 9534:1989	(reconfirmed)
ISO 12619-1:2014	(reconfirmed)
ISO 12619-2:2014	(reconfirmed)
ISO 12619-3:2014	(reconfirmed)
ISO 12619-4:2016	(reconfirmed)
ISO 12619-5:2016	(reconfirmed)
ISO 12619-6:2017	(reconfirmed)
ISO 12619-7:2017	(reconfirmed)
ISO 12619-8:2017	(reconfirmed)
ISO 12619-9:2017	(reconfirmed)
ISO 12619-10:2017	(reconfirmed)
ISO 12619-11:2017	(reconfirmed)
ISO 12619-12:2017	(reconfirmed)

ISO 12619-13:2017	(reconfirmed)	ISO 8001:1984	(reconfirmed)
ISO 12619-14:2017	(reconfirmed)	ISO 8395:1995	(reconfirmed)
ISO 12619-15:2017	(reconfirmed)	ISO 8400:1985	(reconfirmed)
ISO 12619-16:2017	(reconfirmed)	ISO 8590:1994	(reconfirmed)
<b>TC 23</b>	<b>Tractors and machinery for agriculture and forestry</b>	ISO 8622:1998	(reconfirmed)
ISO 730:2009	(reconfirmed)	ISO 9525:1988	(reconfirmed)
ISO 11001-1:2016		ISO 12222:2017	
ISO 20383:2017		ISO 12611:2004	(reconfirmed)
<b>TC 31</b>	<b>Tyres, rims and valves</b>	ISO 17266:2018	
ISO 4570:2002	(reconfirmed)	ISO 17332:2001	(reconfirmed)
<b>TC 34</b>	<b>Food products</b>	ISO 26428-2:2008	(reconfirmed)
ISO/TS 6579-2:2012	(reconfirmed)	ISO 26428-3:2008	(reconfirmed)
ISO 13302:2003	(reconfirmed)	ISO 26429-3:2008	(reconfirmed)
ISO/TS 21569-4:2016	(reconfirmed)	ISO 26429-6:2008	(reconfirmed)
ISO/TS 21569-5:2016	(reconfirmed)	ISO 26429-7:2008	(reconfirmed)
ISO/TS 21569-6:2016	(reconfirmed)	ISO 26430-1:2008	(reconfirmed)
ISO/TS 22002-1:2009	(reconfirmed)	ISO 26430-2:2008	(reconfirmed)
ISO/TS 22002-2:2013	(reconfirmed)	ISO 26430-3:2008	(reconfirmed)
ISO/TS 22002-4:2013	(reconfirmed)	ISO 26431-1:2008	(reconfirmed)
ISO/TS 22002-5:2019		ISO 26432-2:2008	(reconfirmed)
ISO/TS 22002-6:2016	(reconfirmed)	<b>TC 38</b>	<b>Textiles</b>
<b>TC 35</b>	<b>Paints and varnishes</b>	ISO 20418-1:2018	
ISO 12944-1:2017		<b>TC 45</b>	<b>Rubber and rubber products</b>
ISO 12944-2:2017		ISO/TS 17796:2013	(reconfirmed)
ISO 12944-3:2017		ISO 32100:2018	
ISO 12944-4:2017		<b>TC 54</b>	<b>Essential oils</b>
ISO 12944-7:2017		ISO 770:2002	(reconfirmed)
ISO 12944-8:2017		ISO 3045:2004	(reconfirmed)
<b>TC 36</b>	<b>Cinematography</b>	ISO 3053:2004	(reconfirmed)
ISO 74:1976	(reconfirmed)	ISO 3063:2004	(reconfirmed)
ISO 162:1985	(reconfirmed)	ISO 3141:1997	(reconfirmed)
ISO 1039:1995	(reconfirmed)	ISO 3143:1997	(reconfirmed)
ISO 1188:1984	(reconfirmed)	ISO 3216:1997	(reconfirmed)
ISO 1189:1986	(reconfirmed)	ISO 3515:2002	(reconfirmed)
ISO 2910:2018		ISO 3516:1997	(reconfirmed)
ISO 3022:1988	(reconfirmed)	ISO 3523:2002	(reconfirmed)
ISO 3023:1995	(reconfirmed)	ISO 3757:2002	(reconfirmed)
ISO 3024:1983	(reconfirmed)	ISO 3760:2002	(reconfirmed)
ISO 3639:1981	(reconfirmed)	ISO 3809:2004	(reconfirmed)
ISO 3642:1983	(reconfirmed)	ISO 4718:2004	(reconfirmed)
ISO 3645:1984	(reconfirmed)	ISO 4719:2012	(reconfirmed)
ISO 3647:1976	(reconfirmed)	ISO 4724:2004	(reconfirmed)
ISO 3653:1978	(reconfirmed)	ISO 4725:2004	(reconfirmed)
ISO 3773:1983	(reconfirmed)	ISO 4731:2012	(reconfirmed)
ISO 4238:1976	(reconfirmed)	ISO 4733:2004	(reconfirmed)
ISO 4242:1980	(reconfirmed)	ISO 4735:2002	(reconfirmed)
ISO 4243:1979	(reconfirmed)	ISO 9843:2002	(reconfirmed)
ISO 4246:1994	(reconfirmed)	ISO 9909:1997	(reconfirmed)
ISO 6025:2000	(reconfirmed)	ISO 18054:2004	(reconfirmed)
ISO 6033:1983	(reconfirmed)	ISO 21389:2004	(reconfirmed)
ISO 6036:1996	(reconfirmed)	ISO 22972:2004	(reconfirmed)
ISO 6896:1984	(reconfirmed)	<b>TC 61</b>	<b>Plastics</b>
ISO 7831:1986	(reconfirmed)	ISO 20368:2017	

TC 67	Oil and gas industries including lower carbon energy
ISO 13628-4:2010	(reconfirmed)
ISO 13628-7:2005	(reconfirmed)
ISO 13628-11:2007	(reconfirmed)
ISO 13628-15:2011	(reconfirmed)
TC 69	Applications of statistical methods
ISO/TS 16355-6:2019	
TC 72	Textile machinery and accessories
ISO 8229:1991	(reconfirmed)
TC 85	Nuclear energy, nuclear technologies, and radiological protection
ISO 1709:2018	
TC 96	Cranes
ISO 4309:2017	
TC 105	Steel wire ropes
ISO 17893:2004	(reconfirmed)
TC 106	Dentistry
ISO/TS 17988:2020	
ISO 21533:2018	
ISO 21672-2:2012	(reconfirmed)
ISO 13897:2018	
TC 113	Hydrometry
ISO 6421:2012	(reconfirmed)
TC 115	Pumps
ISO 3661:1977	(reconfirmed)
TC 119	Powder metallurgy
ISO 22068:2012	(reconfirmed)
TC 131	Fluid power systems
ISO 6162-1:2012	(reconfirmed)
ISO 8434-2:2007	(reconfirmed)
TC 135	Non-destructive testing
ISO 3058:1998	(reconfirmed)
ISO/TS 11774:2011	(reconfirmed)
ISO 12714:1999	(reconfirmed)
TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO 8796:2004	(reconfirmed)
ISO 13783:1997	(reconfirmed)
ISO 21003-1:2008	(reconfirmed)
ISO 21003-2:2008	(reconfirmed)
ISO 21003-3:2008	(reconfirmed)
ISO 21003-5:2008	(reconfirmed)
TC 150	Implants for surgery
ISO 17327-1:2018	
ISO 19090:2018	
TC 159	Ergonomics
ISO/TS 21054:2020	
ISO 28802:2012	(reconfirmed)
ISO 28803:2012	(reconfirmed)
TC 164	Mechanical testing of metals
ISO 4965-1:2012	(reconfirmed)
ISO 4965-2:2012	(reconfirmed)
TC 172	Optics and photonics

ISO 11553-3:2013	(reconfirmed)
TC 173	Assistive products
ISO 7176-2:2017	
ISO 7176-5:2008	(reconfirmed)
ISO 16840-2:2018	
TC 190	Soil quality
ISO/TS 22939:2019	
TC 211	Geographic information/Geomatics
ISO 19142:2010	(reconfirmed)
ISO 19143:2010	(reconfirmed)
ISO/TS 19158:2012	(reconfirmed)
ISO/TS 19159-2:2016	(reconfirmed)
TC 216	Footwear
ISO 18454:2018	
ISO 18896:2018	
ISO 20863:2018	
ISO 20866:2018	
ISO 20867:2018	
ISO 20871:2018	
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ISO 20874:2018	
ISO 20875:2018	
ISO 20876:2018	
ISO 22650:2018	
TC 217	Cosmetics
ISO 16128-2:2017	
TC 238	Solid biofuels
ISO/TS 16996:2015	(reconfirmed)
TC 241	Road traffic safety management systems
ISO 39001:2012	(reconfirmed)
JTC 1	Information technology
ISO/IEC 14977:1996	(reconfirmed)

## Standards withdrawn

Period from 01 July to 01 August 2023

TC 6	Paper, board and pulps
ISO/TR 11371:2013	(replaced by ISO/TS 11371:2023)
TC 22	Road vehicles
ISO 6722-1:2011	(replaced by)
ISO 6722-2:2013	(replaced by)
ISO 14572:2011	(replaced by)
ISO 19453-1:2018	(replaced by)
ISO 19453-3:2018	(replaced by)
ISO 19453-4:2018	(replaced by)
ISO 19453-5:2018	(replaced by)
TC 68	Financial services

ISO 8583-1:2003	(replaced by ISO 8583:2023)
ISO 8583-2:1998	(replaced by ISO 8583:2023)
ISO 8583-3:2003	(replaced by ISO 8583:2023)
<b>TC 92</b>	<b>Fire safety</b>
ISO 20632:2008	(replaced by )
<b>TC 136</b>	<b>Furniture</b>
ISO 21016:2007	(replaced by ISO 19682:2023)
<b>TC 204</b>	<b>Intelligent transport systems</b>
ISO/TS 17573-3:2021	(replaced by ISO 17573-3:2023)
<b>TC 218</b>	<b>Timber</b>
ISO 1324:1985	(replaced by ISO 4562:2023)
ISO 2457:1976	(replaced by ISO 4562:2023)
ISO 3397:1977	(replaced by ISO 4556:2023)
ISO 3398:1977	(replaced by ISO 4561:2023)
ISO 3399:1976	(replaced by ISO 4561:2023)
ISO 5320:1980	(replaced by ISO 4562:2023)
ISO 5321:1978	(replaced by ISO 4556:2023)
ISO 5333:1978	(replaced by ISO 4561:2023)
ISO 5334:1978	(replaced by ISO 4562:2023)
<b>TC 229</b>	<b>Nanotechnologies</b>
ISO/TS 80004-1:2015	(replaced by ISO 80004-1:2023)
ISO/TS 80004-2:2015	(replaced by ISO 80004-1:2023)
ISO/TS 80004-4:2011	(replaced by ISO 80004-1:2023)
ISO/TS 80004-11:2017	(replaced by ISO 80004-1:2023)
<b>TC 269</b>	<b>Railway applications</b>
ISO/TS 22163:2017	(replaced by ISO 22163:2023)
<b>TMBG</b>	<b>Technical Management Board - groups</b>
IWA 26:2017	(replaced by )
<b>JTC 1</b>	<b>Information technology</b>
ISO/IEC TS 24748-6:2016	(replaced by ISO/IEC/IEEE 24748-6:2023)
ISO/IEC 19763-10:2014	(replaced by ISO/IEC 19763-10:2023, ISO/IEC 11179-35:2023)
ISO/IEC TR 24714-1:2008	(replaced by ISO/IEC 24714:2023)

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## Meeting calendar

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The meeting calendar is available at

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