

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 April to 01 May 2022

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 2 ISO/CD 3506-7	Fasteners Fasteners — Mechanical properties of corrosion-resistant stainless-steel fasteners — Part 7: Flat washers with specified grades and property class
TC 5 ISO/CD 4179	Ferrous metal pipes and metallic fittings Ductile iron pipes and fittings for pressure and non-pressure pipelines — Cement mortar lining
TC 6 ISO/CD 2469	Paper, board and pulps Paper, board and pulps — Measurement of diffuse radiance factor (diffuse reflectance factor)
TC 20 ISO/CD 5305	Aircraft and space vehicles General requirement of noise measurement of lightweight and small multirotor unmanned aircraft systems (UAS)
TC 23 ISO/CD 16122-1 ISO/CD 16122-2 ISO/CD 16122-3 ISO/CD 16122-4 ISO 24649:2022/CD Amd 1	Tractors and machinery for agriculture and forestry Agricultural and forestry machinery — Inspection of sprayers in use — Part 1: General Agricultural and forestry machinery — Inspection of sprayers in use — Part 2: Horizontal boom sprayers Agricultural and forestry machinery — Inspection of sprayers in use — Part 3: Sprayers for bush and tree crops Agricultural and forestry machines — Inspection of sprayers in use — Part 4: Fixed and semi-mobile sprayers Agricultural irrigation equipment — Manually and hydraulically operated plastics valves — Amendment 1
TC 24	Particle characterization including sieving

ISO/CD 13318-1	Determination of particle size distribution by centrifugal liquid sedimentation methods — Part 1: General principles and guidelines
TC 31 ISO/CD 14960-1	Tyres, rims and valves Tubeless tyres — Valves and components — Part 1: Test methods
TC 34 ISO/CD 24364 ISO/CD 24382	Food products Royal jelly production Bee pollen — Specifications
TC 38 ISO/CD 5688	Textiles Textiles—Synthetic filament yarn—Test method for crimp contraction properties of textured yarn
TC 41 ISO/CD 5284	Pulleys and belts (including veebelts) Conveyor belts — List of equivalent terms
TC 45 ISO/CD 6916-2	Rubber and rubber products Flexible cellular polymeric materials — Sponge and expanded cellular rubber products — Specification — Part 2: Mouldings and extrusions
ISO/CD 7617-1	Plastics-coated fabrics for upholstery — Part 1: Specification for PVC-coated knitted fabrics
ISO/CD 17717 ISO/DTR 22762-7	Meteorological balloons — Specification Practical guidance on the use of ISO 22762 for design and testing of seismic isolation systems — Part 7: Title missing
TC 58 ISO 11114-1:2020/CD Amd 1	Gas cylinders Gas cylinders — Compatibility of cylinder and valve materials with gas contents — Part 1: Metallic materials — Amendment 1
TC 61 ISO/CD 14127 ISO/CD 5425.2	Plastics Carbon-fibre-reinforced composites — Determination of the resin, fibre and void contents Specifications for use of poly(lactic acid) based filament in additive manufacturing applications
TC 68 ISO/DTR 24374	Financial services Information technology — Security techniques — DLT and Blockchain for Financial Services
TC 69 ISO/DTS 23471	Applications of statistical methods Experimental designs for evaluation of uncertainty — Use of factorial designs for determining uncertainty functions
TC 76 ISO/CD 11040-4 ISO/CD 11040-7	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use Prefilled syringes — Part 4: Glass barrels for injectables and sterilized subassembled syringes ready for filling Prefilled syringes — Part 7: Packaging systems for sterilized subassembled syringes ready for filling
TC 85 ISO/CD 8529-3	Nuclear energy, nuclear technologies, and radiological protection Reference neutron radiations — Part 3: Calibration of area and personal dosimeters and determination of response as a function of energy and angle of incidence
TC 104	Freight containers

ISO/CD 1496-4	Series 1 freight containers — Specification and testing — Part 4: Non-pressurized containers for dry bulk
ISO/DTS 7352	Freight containers — NFC or/and QR code seals
TC 121	Anaesthetic and respiratory equipment
ISO/CD 16571	Systems for evacuation of plume generated by medical devices
TC 131	Fluid power systems
ISO/CD 12829	Hydraulic spin-on filters with finite lives — Method for verifying the rated fatigue life and the rated static burst pressure of the pressure-containing envelope
TC 134	Fertilizers, soil conditioners and beneficial substances
ISO/CD 6650	Fertilizers, Soil conditioners and Beneficial Substances — Simultaneous Determination of N-buthylthiophosphorus Triamide (NBPT) and Dicyandiamide (DCD) by High-performance Liquid Chromatography (HPLC).
TC 147	Water quality
ISO/CD 5667-3	Water quality — Sampling — Part 3: Preservation and handling of water samples
TC 159	Ergonomics
ISO/DTR 7015	Ergonomics — Informative Application Document for International Standards (ISO 11228-1, ISO 11228-2 and ISO 11228-3), static working posture (ISO 11226), ISO/TR 12295 and the recent ISO TR 23476 (agriculture) in the construction sector (civil construction)
TC 176	Quality management and quality assurance
ISO/CD 10009	Quality management — Guidance for quality tools and their application
TC 184	Automation systems and integration
ISO/CD 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
TC 199	Safety of machinery
ISO/CD 11161.2	Safety of machinery — Integration of machinery into a system — Basic requirements
TC 204	Intelligent transport systems
ISO/DTR 21734-3	Public transport — Performance testing for connectivity and safety functions of automated driving bus — Part 3: Service framework and use cases
ISO/CD 24317	Intelligent transport systems — Mobility integration — Mobility integration needs for vulnerable users and light modes of transport
TC 206	Fine ceramics
ISO/CD 23145-1	Fine ceramics (advanced ceramics, advanced technical ceramics) — Determination of bulk density of ceramic powders — Part 1: Tap density
TC 215	Health informatics
ISO/DTS 4424	Genomics Informatics— Data Elements and their Metadata for Describing the Tumor Mutation Burden (TMB) Information of Clinical Massive Parallel DNA Sequencing
TC 221	Geosynthetics
ISO/DTS 18198	Guidelines for the determination of long-term flow of geosynthetic drains
TC 256	Pigments, dyestuffs and extenders

ISO/CD 3262-2	Extenders for paints — Specifications and methods of test — Part 2: Barytes (natural barium sulfate)
ISO/CD 3262-3	Extenders for paints — Specifications and methods of test — Part 3: Blanc fixe
TC 260	Human resource management
ISO/DTS 30437	Human Resource Management — Learning and Development Metrics
TC 276	Biotechnology
ISO/DTS 23511.2	Biotechnology — General requirements and considerations for cell line authentication
TC 282	Water reuse
ISO/CD 21939-2	A method to calculate and express energy consumption of industrial wastewater treatment for the purpose of water reuse — Part 2: Accounting for energy recovery
TC 298	Rare earth
ISO/CD 23596	Rare earth — Determination of rare earth content in individual rare earth metal and their oxides — Gravimetric method
ISO/CD 23597	Rare earth — Determination of rare earth content in individual rare earth metal and their oxides — Titration method
TC 304	Healthcare organization management
ISO/CD 7101.2	Health Care Quality Management System Standard
TC 307	Blockchain and distributed ledger technologies
ISO/DTR 6039	Blockchain and distributed ledger technologies - Identifiers of subjects and objects for the design of blockchain systems
TC 314	Ageing societies
ISO/DTR 25555	Ageing society — Accessibility and usability considerations for home-based healthcare products, related services and environments
JTC 1	Information technology
ISO/IEC/IEEE CD 41062	Software engineering – Life cycle processes — Software acquisition
ISO/IEC 9797-1:2011/CD Amd 1	Information technology — Security techniques — Message Authentication Codes (MACs) — Part 1: Mechanisms using a block cipher — Amendment 1: Information technology — Security techniques — Message authentication codes (MACs) — Part 1: Mechanisms using a block cipher — Amendment 1
ISO/IEC CD 27035-4	Information technology — Information security incident management — Part 4: Coordination
ISO/IEC CD 22592-2	Office equipment — Print quality measurement methods for colour prints — Part 2: Geometric property measurement methods
ISO/IEC 14496-12:2022/CD Amd 1	Information technology — Coding of audio-visual objects — Part 12: ISO base media file format — Amendment 1: Improved brand documentation and other improvements
ISO/IEC DIS 23090-18/CD Amd 1	Information technology — Coded representation of immersive media — Part 18: Carriage of geometry-based point cloud compression data — Amendment 1: Support for temporal scalability
ISO/IEC CD 23773-1	User interface — Automatic Simultaneous Interpretation System — Part 1: General
ISO/IEC CD 23773-2	User interface — Automatic Simultaneous Interpretation System — Part 2: Requirements and functional description

ISO/IEC 39794-4:2019/CD Amd 1	Information technology — Extensible biometric data interchange formats — Part 4: Finger image data — Amendment 1: Extension towards improved interoperability with ANSI/NIST-ITL	
ISO/IEC CD 5392	Information technology — Artificial intelligence — Reference architecture of knowledge engineering	
DIS circulated		
Period from 01 April to 01 May 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
TC 2	Fasteners	
ISO/DIS 4032	Fasteners — Hexagon regular nuts (style 1)	2022-07-13
	(Revision of ISO 4032:2012)	
ISO/DIS 4033	Fasteners — Hexagon high nuts (style 2)	2022-07-13
	(Revision of ISO 4033:2012)	
ISO/DIS 4035	Fasteners — Hexagon thin nuts (style 0)	2022-07-13
	(Revision of ISO 4035:2012)	
ISO/DIS 8673	Fasteners — Hexagon regular nuts (style 1), with fine pitch thread	2022-07-13
	(Revision of ISO 8673:2012)	
ISO/DIS 8674	Fasteners — Hexagon high nuts (style 2), with fine pitch thread	2022-07-13
	(Revision of ISO 8674:2012)	
ISO/DIS 8675	Fasteners — Hexagon thin nuts (style 0), with fine pitch thread	2022-07-20
	(Revision of ISO 8675:2012)	
TC 8	Ships and marine technology	
ISO/DIS 24409-4	Ships and marine technology — Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings — Part 4: Escape plan signs used for general emergency information	2022-07-05

ISO/DIS 4679	Ships and marine technology — Hydraulic performance tests for waterjet propulsion system	2022-07-06
ISO/DIS 5694	Ships and marine technology — Deck covering	2022-07-22
ISO/DIS 24681	Ships and marine technology — Fibre-reinforced plastic gratings	2022-07-22
TC 17	Steel	
ISO/DIS 683-17	Heat-treatable steels, alloy steels and free-cutting steels — Part 17: Ball and roller bearing steels	2022-07-19
	(Revision of ISO 683-17:2014)	
TC 20	Aircraft and space vehicles	
ISO/DIS 27996	Aerospace fluid systems — Elastomer seals — Storage and shelf life	2022-07-15
	(Revision of ISO 27996:2009)	
ISO/DIS 23230	Space systems — Paints and varnishes — Processes, procedures, and requirements for coating materials and coatings	2022-07-11
ISO/DIS 24412	Space systems — Thermal vacuum environmental testing	2022-07-15
TC 22	Road vehicles	
ISO/DIS 15830-3	Road vehicles — Design and performance specifications for the WorldSID 50th percentile male side-impact dummy — Part 3: Mechanical requirements for electronic subsystems (Revision of ISO 15830-3:2013)	2022-07-01
TC 23	Tractors and machinery for agriculture and forestry	
ISO/DIS 4254-19	Agricultural machinery — Safety — Part 19: Feed mixing machines	2022-07-06
ISO/DIS 16399	Meters for irrigation water	2022-07-05
	(Revision of ISO 16399:2014)	
ISO/DIS 21622-3	Irrigation techniques — Remote monitoring and control for irrigation — Part 3: Interoperability	2022-07-08
TC 24	Particle characterization including sieving	
ISO/DIS 13319-2	Determination of particle size distribution — Electrical sensing zone method — Part 2: Tuneable resistive pulse sensing method	2022-07-11
TC 31	Tyres, rims and valves	
ISO/DIS 4250-1	Earth-mover tyres and rims — Part 1: Tyre designation and dimensions	2022-07-07
	(Revision of ISO 4250-1:2017)	

ISO/DIS 4250-2	Earth-mover tyres and rims — Part 2: Loads and inflation pressures (Revision of ISO 4250-2:2017)	2022-07-07	ISO/DIS 188	Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests (Revision of ISO 188:2011)	2022-09-16	ISO/DIS 5725-1	Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions (Revision of ISO 5725-1:1994, ISO 5725-1:1994/Cor 1:1998)	2022-07-07	ISO/DIS 16976-7	Respiratory protective devices — Human factors — Part 7: Hearing and speech (Revision of ISO/TS 16976-7:2020)	2022-07-04
TC 34	Food products		ISO/DIS 24087	Rubber, vulcanized — Determination of the glass transition temperature and enthalpy by differential scanning calorimetry (DSC)	2022-07-21	TC 70	Internal combustion engines		TC 106	Dentistry	
ISO/DIS 24363	Determination of fatty acid methyl esters (cis and trans) and squalene in olive oil and other vegetable oils by gas chromatography	2022-07-08	ISO/DIS 2322	Styrene-butadiene rubber (SBR) — Emulsion- and solution-polymerized types — Evaluation procedures (Revision of ISO 2322:2014)	2022-07-04	ISO/DIS 4548-14	Methods of test for full-flow lubricating oil filters for internal combustion engines — Part 14: Cold start simulation and hydraulic pulse durability for composite filter housings (Revision of ISO 4548-14:2016)	2022-07-21	ISO/DIS 13078-3	Dentistry — Evaluation of antibacterial activity of dental restorative materials, luting cements, fissure sealants and orthodontic bonding or luting materials Dentistry — Dental furnace — Part 3: Test method for evaluation of high temperature sintering furnace measurement with separate thermocouple	2022-07-07 2022-07-11
ISO/DIS 8586	Sensory analysis — General guidelines for the selection, training and monitoring of selected assessors and expert sensory assessors (Revision of ISO 8586:2012)	2022-07-08	TC 46	Information and documentation		TC 82	Mining		ISO/DIS 23401-1	Dentistry — Chairside denture base relining materials — Part 1: Hard type materials	2022-07-14
TC 35	Paints and varnishes		ISO/DIS 16245	Information and documentation — Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents (Revision of ISO 16245:2009)	2022-07-07	ISO/DIS 24419-1	Mine closure and reclamation – Managing mining legacies — Part 1: Requirements and recommendations	2022-07-08	TC 110	Industrial trucks	
ISO/DIS 1518-1	Paints and varnishes — Determination of scratch resistance — Part 1: Constant-loading method (Revision of ISO 1518-1:2019)	2022-07-22	TC 61	Plastics		TC 83	Sports and other recreational facilities and equipment		ISO/DIS 22915-10	Industrial trucks — Verification of stability — Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices (Revision of ISO 22915-10:2008)	2022-07-07
ISO/DIS 2811-1	Paints and varnishes — Determination of density — Part 1: Pycnometer method (Revision of ISO 2811-1:2016)	2022-07-08	ISO/DIS 179-1	Plastics — Determination of Charpy impact properties — Part 1: Non-instrumented impact test (Revision of ISO 179-1:2010)	2022-07-05	ISO/DIS 20957-2	Stationary training equipment — Part 2: Strength training equipment, additional specific safety requirements and test methods (Revision of ISO 20957-2:2020)	2022-07-06	ISO/DIS 22915-20	Industrial trucks — Verification of stability — Part 20: Additional stability test for trucks operating in the special condition of offset load, offset by utilization (Revision of ISO 22915-20:2008)	2022-07-07
ISO/DIS 7784-1	Paints and varnishes — Determination of resistance to abrasion — Part 1: Method with abrasive-paper covered wheels and rotating test specimen (Revision of ISO 7784-1:2016)	2022-07-22	ISO/DIS 180	Plastics — Determination of Izod impact strength (Revision of ISO 180:2019)	2022-07-06	ISO/DIS 20957-7	Stationary training equipment — Part 7: Rowing equipment, additional specific safety requirements and test methods (Revision of ISO 20957-7:2020)	2022-07-06	TC 119	Powder metallurgy	
ISO/DIS 7784-2	Paints and varnishes — Determination of resistance to abrasion — Part 2: Method with abrasive rubber wheels and rotating test specimen (Revision of ISO 7784-2:2016)	2022-07-22	ISO/DIS 6603-2	Plastics — Determination of puncture impact behaviour of rigid plastics — Part 2: Instrumented impact testing (Revision of ISO 6603-2:2000)	2022-07-11	TC 85	Nuclear energy, nuclear technologies, and radiological protection		ISO/DIS 3252	Powder metallurgy — Vocabulary (Revision of ISO 3252:2019)	2022-07-12
ISO/DIS 8130-16	Coating powders — Part 16: Determination of density by liquid displacement in a measuring cylinder	2022-07-08	ISO/DIS 22007-7	Plastics — Determination of thermal conductivity and thermal diffusivity — Part 7: Measurement of thermal effusivity using a regularly-shaped transient plane source probe	2022-07-13	ISO/DIS 18589-3	Measurement of radioactivity in the environment — Soil — Part 3: Test method of gamma-emitting radionuclides using gamma-ray spectrometry (Revision of ISO 18589-3:2015)	2022-07-22	TC 121	Anaesthetic and respiratory equipment	
TC 37	Language and terminology		ISO/DIS 3616	Textile glass — Chopped-strand and continuous-filament mats — Determination of average thickness, thickness under load and recovery after compression (Revision of ISO 3616:2001, ISO 3616:2001/Amd 1:2017)	2022-07-05	ISO 11311:2011/DAmd 1	Nuclear criticality safety — Critical values for homogeneous plutonium-uranium oxide fuel mixtures outside of reactors — Amendment 1: Corrections and clarifications	2022-07-15	ISO/DIS 80601-2-72	Medical electrical equipment — Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients (Revision of ISO 80601-2-72:2015)	2022-07-19
ISO/DIS 639-4	Code for the representation of individual languages and language groups — Part 4: General principles, rules and guidelines (Revision of ISO 639-4:2010)	2022-07-04	ISO	Composites and reinforcements fibres — Carbon fibre reinforced plastics (CFRPs) and metal assemblies — Determination of the tensile lap-shear strength — Amendment 1: Precision data	2022-07-08	TC 86	Refrigeration and air-conditioning		TC 123	Plain bearings	
TC 41	Pulleys and belts (including veebelts)		ISO/DIS 5677	Testing and characterization of mechanically recycled Polypropylene (PP) and Polyethylene (PE) for intended use in different plastics processing techniques	2022-07-20	ISO/DIS 5222-1	Heat recovery ventilators and energy recovery ventilators — Testing and calculating methods for seasonal performance factor — Part 1: Sensible heating recovery seasonal performance factors of HRV	2022-07-14	ISO/DIS 7148-1	Plain bearings — Testing of the tribological behaviour of bearing materials — Part 1: Testing of bearing metals (Revision of ISO 7148-1:2012)	2022-07-20
ISO/DIS 283	Textile conveyor belts — Full thickness tensile strength, elongation at break and elongation at the reference load — Test method (Revision of ISO 283:2015)	2022-07-15	TC 68	Financial services		ISO/DIS 6369	Ice makers for commercial use — Classification, requirements and test conditions	2022-07-11	ISO/DIS 7148-2	Plain bearings — Testing of the tribological behaviour of bearing materials — Part 2: Testing of polymer-based bearing materials (Revision of ISO 7148-2:2012)	2022-07-20
TC 44	Welding and allied processes		ISO/DIS 19092	Financial services — Biometrics — Security framework (Revision of ISO 19092:2008)	2022-07-22	TC 94	Personal safety -- Personal protective equipment		TC 131	Fluid power systems	
ISO/DIS 3581	Welding consumables — Covered electrodes for manual metal arc welding of stainless and heat-resisting steels — Classification (Revision of ISO 3581:2016)	2022-07-12	TC 69	Applications of statistical methods		ISO/DIS 16976-5	Respiratory protective devices — Human factors — Part 5: Thermal effects (Revision of ISO/TS 16976-5:2020)	2022-07-04	ISO/DIS 5352	Hydraulic fluid power — Determining discharge flow rate and thermal losses of gas loaded accumulators	2022-07-11
TC 45	Rubber and rubber products										

ISO/DIS 6953-1	Pneumatic fluid power — Compressed air pressure regulators and filter-regulators — Part 1: Main characteristics to include in supplier's literature and product-marking requirements (Revision of ISO 6953-1:2015)	2022-07-11	ISO/DIS 16000-44	Indoor air — Part 44: Test method for measuring perceived indoor air quality for use in testing the performance of gas phase air cleaners	2022-07-06	ISO/DIS 17607-3	Steel structures — Execution of structural steelwork — Part 3: Fabrication	2022-07-21	ISO/DIS 21177	Intelligent transport systems — ITS station security services for secure session establishment and authentication between trusted devices (Revision of ISO/TS 21177:2019)	2022-07-04
ISO/DIS 6953-2	Pneumatic fluid power — Compressed air pressure regulators and filter-regulators — Part 2: Test methods to determine the main characteristics to include in supplier's literature (Revision of ISO 6953-2:2015)	2022-07-12	TC 157	Non-systemic contraceptives and STI barrier prophylactics		ISO/DIS 17607-4	Steel structures — Execution of structural steelwork — Part 4: Erection	2022-07-21	ISO/DIS 23375	Intelligent transport systems — Collision Evasive Lateral Manoeuvre Systems (CELM) — Requirements and test procedures	2022-07-13
TC 132	Ferroalloys		ISO/DIS 7439	Copper-bearing contraceptive intrauterine devices — Requirements and tests (Revision of ISO 7439:2015)	2022-07-07	ISO/DIS 17607-5	Steel structures — Execution of structural steelwork — Part 5: Welding	2022-07-21	TC 206	Fine ceramics	
ISO/DIS 5451	Ferrovanadium — Specification and conditions of delivery (Revision of ISO 5451:1980)	2022-07-06	TC 161	Controls and protective devices for gas and/or oil		ISO/DIS 17607-6	Steel structures — Execution of structural steelwork — Part 6: Bolting	2022-07-21	ISO/DIS 24687	Fine ceramics (advanced ceramics, advanced technical ceramics) — Measurement of Seebeck coefficient and electrical conductivity of bulk-type thermoelectric materials at room and high temperatures	2022-07-07
TC 133	Clothing sizing systems - size designation, size measurement methods and digital fittings		ISO/DIS 23551-8	Safety and control devices for gas burners and gas-burning appliances — Part 8: Multifunctional controls (Revision of ISO 23551-8:2016, ISO 23551-8:2016/Amd 1:2019)	2022-07-20	TC 168	Prosthetics and orthotics		TC 238	Solid biofuels	
ISO/DIS 20947-3	Performance evaluation protocol for digital fitting systems — Part 3: Digital fitting performance	2022-07-11	ISO/DIS 23551-12	Safety and control devices for gas burners and gas-burning appliances — Part 12: Multifunctional controls with integral overpressure protection safety function for use with butane gas cartridge used in portable gas appliances	2022-07-20	ISO/DIS 22523	External limb prostheses and external orthoses — Requirements and test methods (Revision of ISO 22523:2006)	2022-07-18	ISO/DIS 17225-8	Solid biofuels — Fuel specifications and classes — Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use (Revision of ISO/TS 17225-8:2016)	2022-07-14
TC 135	Non-destructive testing		TC 162	Doors, windows and curtain walling		ISO/DIS 29782	Prostheses and orthoses — Factors to be considered when specifying a prosthesis for a person who has had a lower limb amputation (Revision of ISO 29782:2008)	2022-07-11	TC 270	Plastics and rubber machines	
ISO/DIS 24647	Non-destructive testing — Robotic ultrasonic test systems — General requirements	2022-07-13	ISO/DIS 6612	Windows and doors — Resistance to wind load — Test method (Revision of ISO 6612:1980)	2022-07-01	TC 172	Optics and photonics		ISO/DIS 23582-1	Plastics and rubber machines — Clamping systems — Part 1: Safety requirements for magnetic clamping systems	2022-07-06
TC 136	Furniture		ISO/DIS 6613	Windows and doors — Air permeability — Test method (Revision of ISO 6613:1980)	2022-07-01	TC 181	Safety of toys		TC 279	Innovation management	
ISO/DIS 19682	Furniture — Tables — Test methods for the determination of stability, strength and durability	2022-07-06	ISO/DIS 8270	Windows and doors — Determination of the resistance to soft and heavy body impact for doors (Revision of ISO 8270:1985)	2022-07-01	ISO/DIS 8124-2	Safety of toys — Part 2: Flammability (Revision of ISO 8124-2:2014)	2022-07-08	ISO/DIS 56007	Innovation management — Tools and methods for idea management — Guidance	2022-07-01
TC 137	Footwear sizing designations and marking systems		ISO/DIS 8275	Hinged or pivoted doors — Determination of the resistance to vertical load (Revision of ISO 8275:1985)	2022-07-01	ISO 8124-3:2020/DAMd 1	Safety of toys — Part 3: Migration of certain elements — Amendment 1: Title missing	2022-07-08	TC 282	Water reuse	
ISO/DIS 19407	Footwear — Sizing — Conversion of sizing systems (Revision of ISO/TS 19407:2015)	2022-07-19	TC 163	Thermal performance and energy use in the built environment		TC 182	Geotechnics		ISO/DIS 24575	Guidelines for cost analysis in planning of decentralized wastewater treatment and/or reuse	2022-07-19
ISO/DIS 19408	Footwear — Sizing — Vocabulary and terminology (Revision of ISO/TS 19408:2015)	2022-07-20	ISO/DIS 52016-3	Energy performance of buildings — Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads — Part 3: Calculation procedures regarding adaptive building envelope elements	2022-07-14	ISO/DIS 22476-5	Geotechnical investigation and testing — Field testing — Part 5: Prebored pressuremeter test (Revision of ISO 22476-5:2012)	2022-07-04	TC 292	Security and resilience	
TC 138	Plastics pipes, fittings and valves for the transport of fluids		TC 167	Steel and aluminium structures		ISO/DIS 22477-2	Geotechnical investigation and testing — Testing of geotechnical structures — Part 2: Testing of piles: Static tension load testing	2022-07-05	ISO/DIS 22385	Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines for establishing a framework for trust and interoperability	2022-07-08
ISO/DIS 4981	Plastic piping systems for non-pressure underground conveyance and storage of non-potable water — Boxes used for retention, detention, transportation and storage systems — Specifications for storm water boxes made of PP and PVC-U	2022-07-18	ISO/DIS 17607-1	Steel structures — Execution of structural steelwork — Part 1: General requirements and vocabulary	2022-07-21	TC 204	Intelligent transport systems		TC 296	Bamboo and rattan	
ISO/DIS 4982	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water — Arch-shaped, corrugated wall chambers made of PE or PP used for retention, detention, transportation and storage systems — Product specifications and performance criteria	2022-07-18	ISO/DIS 17607-2	Steel structures — Execution of structural steelwork — Part 2: Steels	2022-07-21	ISO/DIS 12813	Electronic fee collection — Compliance check communication for autonomous systems (Revision of ISO 12813:2019)	2022-07-19	ISO/DIS 5946	Bamboo-based activated carbon — General specifications	2022-07-07
TC 146	Air quality					ISO/DIS 15638-23	Intelligent transport systems — Framework for collaborative telematics applications for regulated commercial freight vehicles (TARV) — Part 23: Tyre pressure monitoring (TPM)	2022-07-11	TC 299	Robotics	
									ISO/DIS 31101	Robotics — Application services provided by service robots — Safety management systems requirements	2022-07-19
									CASCO	Committee on conformity assessment	
									ISO/IEC DIS 17043	Conformity assessment — General requirements for the competence of proficiency testing providers (Revision of ISO/IEC 17043:2010)	2022-07-20
									JTC 1	Information technology	

ISO/IEC 18013-2:2020/DAmD 1	Personal identification — ISO-compliant driving licence — Part 2: Machine-readable technologies — Amendment 1: DG11 length for compact encoding	2022-07-11
ISO/IEC 18013-3:2017/DAmD 2	Information technology — Personal identification — ISO-compliant driving licence — Part 3: Access control, authentication and integrity validation — Amendment 2: Certificate hash for compact encoding	2022-07-11
ISO/IEC DIS 9660	Information processing — Volume and file structure of CD-ROM for information interchange	2022-07-04
	(Revision of ISO 9660:1988/Amd 1:2013, ISO 9660:1988, ISO 9660:1988/Amd 2:2020)	
ISO/IEC 29134:2017/DAmD 1	Information technology — Security techniques — Guidelines for privacy impact assessment — Amendment 1	2022-07-11
ISO/IEC DIS 19566-8	Information technologies — JPEG systems — Part 8: JPEG Snack	2022-07-15
ISO/IEC 21122-2:2022/DAmD 1	Information technology — JPEG XS low-latency lightweight image coding system — Part 2: Profiles and buffer models — Amendment 1: Profile and sublevel for 4:2:0 content	2022-07-13
ISO/IEC DIS 23001-11	Information technology — MPEG systems technologies — Part 11: Energy-efficient media consumption (green metadata) (Revision of ISO/IEC 23001-11:2019)	2022-07-11
ISO/IEC DIS 23009-1/DAmD 1	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 1: Media presentation description and segment formats — Amendment 1: Pre-roll, nonlinear playback and other extensions	2022-07-22
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These Final draft International Standards have been submitted to the ISO member bodies for formal approval by the date shown

* Available in English only

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CIE	International Commission on Illumination	
ISO/CIE FDIS 11664-6	Colorimetry — Part 6: CIEDE2000 colour-difference formula	2022-07-12
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ISO/FDIS 4370	Environmental life cycle assessment and recycling of ductile iron pipes for water applications	2022-05-31
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ISO/FDIS 5631-3	Paper and board — Determination of colour by diffuse reflectance — Part 3: Indoor illumination conditions (D50/2 degrees) (Revision of ISO 5631-3:2015)	2022-06-01

ISO/PRF 24196	Lignins — Determination of lignin content in kraft lignin, soda lignin and hydrolysis lignin		ISO/FDIS 23312	Space systems — Detailed space debris mitigation requirements for spacecraft	2022-05-27
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TC 61		Plastics	
ISO/TS 28660:2022	en	Plastics — Determination of J-R curves — Fracture toughness	D
ISO 11358-1:2022	fr	Plastics — Thermogravimetry (TG) of polymers — Part 1: General principles	C
ISO 4765:2022	en	Chemically-induced ultra-weak photon emission (UPE) — Measurement as an analysis method of degradation of polymeric material	D
ISO 24360:2022	en	Composites and reinforcements fibres — Carbon fibre reinforced plastics (CFRPs) and metal assemblies — Determination of the cross tension strength	B
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
ISO 13503-3:2022	en	Petroleum and natural gas industries — Completion fluids and materials — Part 3: Testing of heavy brines	C
TC 68		Financial services	
ISO 9362:2022	en	Banking — Banking telecommunication messages — Business identifier code (BIC)	A

ISO 3531-1:2022	en	Financial services — Financial information eXchange session layer — Part 1: FIX tagvalue encoding	C
ISO 3531-2:2022	en	Financial services — Financial information eXchange session layer — Part 2: FIX session layer	G
ISO 3531-3:2022	en	Financial services — Financial information eXchange session layer — Part 3: FIX session layer test cases	C
TC 70		Internal combustion engines	
ISO 7967-6:2022	en	Reciprocating internal combustion engines — Vocabulary of components and systems — Part 6: Lubricating systems	A
ISO 7967-10:2022	en	Reciprocating internal combustion engines — Vocabulary of components and systems — Part 10: Ignition systems	A
TC 79		Light metals and their alloys	
ISO 23515:2022	en	Titanium and titanium alloys — Designation system	B
TC 83		Sports and other recreational facilities and equipment	
ISO 23537-1:2022	fr	Requirements for sleeping bags — Part 1: Thermal, mass and dimensional requirements for sleeping bags designed for limit temperatures of -20°C and higher	D
TC 84		Devices for administration of medicinal products and catheters	
ISO 11608-1:2022	en	Needle-based injection systems for medical use — Requirements and test methods — Part 1: Needle-based injection systems	G
ISO 11608-2:2022	en	Needle-based injection systems for medical use — Requirements and test methods — Part 2: Double-ended pen needles	E
ISO 11608-3:2022	en	Needle-based injection systems for medical use — Requirements and test methods — Part 3: Containers and integrated fluid paths	E
ISO 11608-4:2022	en	Needle-based injection systems for medical use — Requirements and test methods — Part 4: Needle-based injection systems containing electronics	G
ISO 11608-5:2022	en	Needle-based injection systems for medical use — Requirements and test methods — Part 5: Automated functions	D
ISO 11608-6:2022	en	Needle-based injection systems for medical use — Requirements and test methods — Part 6: On-body delivery systems	D
TC 85		Nuclear energy, nuclear technologies, and radiological protection	
ISO/ASTM 51310:2022	en	Practice for use of a radiochromic optical waveguide dosimetry system	A

ISO 10645:2022	en	Nuclear energy — Light water reactors — Decay heat power in non-recycled nuclear fuels	D	TC 146	Air quality		
TC 87		Cork		ISO 23320:2022	Workplace air — Gases and vapours — Requirements for evaluation of measuring procedures using diffusive samplers	en	F
ISO 9727-8:2022	en	Cylindrical cork stoppers — Physical tests — Part 8: Determination of capillarity	A	ISO 23435:2022	Air quality — Test methods for snow depth sensors	en	C
TC 92		Fire safety		TC 159	Ergonomics		
ISO 12863:2022	en	Standard test method for assessing the ignition propensity of cigarettes	D	ISO/TR 9241-311:2022	Ergonomics of human-system interaction — Part 311: Application of ISO 9241-307: LCD screens for workstations	en	C
TC 94		Personal safety -- Personal protective equipment		ISO 9241-394:2020	Ergonomics of human-system interaction — Part 394: Ergonomic requirements for reducing undesirable biomedical effects of visually induced motion sickness during watching electronic images	fr	D
ISO 23616:2022	en	Cleaning, inspection and repair of firefighters' personal protective equipment (PPE)	F	ISO 9241-971:2020	Ergonomics of human-system interaction — Part 971: Accessibility of tactile/haptic interactive systems	fr	D
TC 104		Freight containers		TC 172	Optics and photonics		
ISO 6346:2022	en	Freight containers — Coding, identification and marking	D	ISO 9022-3:2022	Optics and photonics — Environmental test methods — Part 3: Mechanical stress	en	B
TC 107		Metallic and other inorganic coatings		ISO/TS 22247:2022	Optics and photonics — Effective numerical aperture of laser lenses — Definition and verification procedure	en	C
ISO 4531:2022	en	Vitreous and porcelain enamels — Release from enamelled articles in contact with food — Methods of test and limits	B	TC 173	Assistive products		
TC 108		Mechanical vibration, shock and condition monitoring		ISO 7176-19:2022	Wheelchairs — Part 19: Wheelchairs for use as seats in motor vehicles	en	H
ISO/TS 22704:2022	en	Mechanical vibration — Uncertainty of the measurement and evaluation of human exposure to vibration	E	TC 178	Lifts, escalators and moving walks		
ISO 10813-4:2022	en	Vibration generating machines — Guidance for selection — Part 4: Equipment for multi-axial environmental testing	E	ISO/TR 14799-1:2022	Comparison of worldwide escalator and moving walk safety standards — Part 1: Clause by clause comparison	en	H
TC 121		Anaesthetic and respiratory equipment		TC 184	Automation systems and integration		
ISO 80601-2-13:2022	en	Medical electrical equipment — Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation	H	ISO 8000-1:2022	Data quality — Part 1: Overview	en	D
TC 123		Plain bearings		TC 188	Small craft		
ISO 22507:2022	en	Plain bearings — Fluid film bearing materials for vehicular turbocharger	B	ISO 8848:2022	Small craft — Remote mechanical steering systems	en	D
TC 130		Graphic technology		TC 193	Natural gas		
ISO/TS 18621-11:2022	en	Graphic technology — Image quality evaluation methods for printed matter — Part 11: Colour gamut analysis	C	ISO 20765-5:2022	Natural gas — Calculation of thermodynamic properties — Part 5: Calculation of viscosity, Joule-Thomson coefficient, and isentropic exponent	en	C
TC 131		Fluid power systems		TC 194	Biological and clinical evaluation of medical devices		
ISO 8132:2022	en	Hydraulic fluid power — Mounting dimensions for accessories for single rod cylinders, 16 MPa (160 bar) medium and 25 MPa (250 bar) series	C	ISO/TS 10993-19:2020	Biological evaluation of medical devices — Part 19: Physico-chemical, morphological and topographical characterization of materials	fr	C
TC 134		Fertilizers, soil conditioners and beneficial substances		TC 201	Surface chemical analysis		
ISO 7851:2022	en	Fertilizers, soil conditioners and beneficial substances — Classification	B				

ISO/TS 22933:2022	en	Surface chemical analysis — Secondary ion mass spectrometry — Method for the measurement of mass resolution in SIMS	C	ISO 17842-2:2022	Safety of amusement rides and amusement devices — Part 2: Operation and use	en	E
TC 202		Microbeam analysis		ISO 17842-3:2022	Safety of amusement rides and amusement devices — Part 3: Requirements for inspection during design, manufacture, operation and use	en	B
ISO 23749:2022	en	Microbeam analysis — Electron backscatter diffraction — Quantitative determination of austenite in steel	C	TC 260	Human resource management		
TC 204		Intelligent transport systems		ISO 30401:2018/ Amd 1:2022	Knowledge management systems — Requirements — Amendment 1	en	XZ
ISO 5345:2022	en	Intelligent transport systems — Identifiers	B	TC 261	Additive manufacturing		
ISO 12855:2022	en	Electronic fee collection — Information exchange between service provision and toll charging	H	ISO/ASTM 52925:2022	Additive manufacturing of polymers — Feedstock materials — Qualification of materials for laser-based powder bed fusion of parts	en	C
ISO/TS 14812:2022	en	Intelligent transport systems — Vocabulary	A	TC 279	Innovation management		
ISO/TR 23255:2022	en	Intelligent transport systems — Architecture — Applicability of data distribution technologies within ITS	F	ISO 56000:2020	Innovation management — Fundamentals and vocabulary	es	F
TC 206		Fine ceramics		TC 297	Waste collection and transportation management		
ISO 18608:2017	fr	Fine ceramics (advanced ceramics, advanced technical ceramics) — Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure — Determination of the resistance to crack propagation by notch sensitivity testing	B	ISO/TS 24159:2022	Refuse collection vehicles — Safety of manual and rear-loaded refuse collection vehicles	en	B
TC 207		Environmental management		CASCO	Committee on conformity assessment		
ISO/TS 14029:2022	en	Environmental statements and programmes for products — Mutual recognition of environmental product declarations (EPDs) and footprint communication programmes	D	ISO/IEC 17030:2021	Conformity assessment — General requirements for third-party marks of conformity	es	B
TC 212		Clinical laboratory testing and in vitro diagnostic test systems		ISO/IEC 17060:2022	Conformity assessment — Code of good practice	en	B
ISO/TS 5798:2022	en	In vitro diagnostic test systems — Requirements and recommendations for detection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) by nucleic acid amplification methods	F	JTC 1	Information technology		
TC 215		Health informatics		ISO/IEC 7816-11:2022	Identification cards — Integrated circuit cards — Part 11: Personal verification through biometric methods	en	D
ISO 27269:2021	fr	Health informatics — International patient summary	G	ISO/IEC 18033-7:2022	Information security — Encryption algorithms — Part 7: Tweakable block ciphers	en	C
TC 220		Cryogenic vessels		ISO/IEC 27014:2020	Information security, cybersecurity and privacy protection — Governance of information security	en	C
ISO 20421-1:2019/Amd 1:2022	en	Cryogenic vessels — Large transportable vacuum-insulated vessels — Part 1: Design, fabrication, inspection and testing — Amendment 1	XZ	ISO/IEC 23003-7:2022	Information technology — MPEG audio technologies — Part 7: Unified speech and audio coding conformance testing	en	F
TC 221		Geosynthetics		ISO/IEC 23091-3:2018/ Amd 1:2022	Information technology — Coding-independent code points — Part 3: Audio — Amendment 1: Headphone support	en	XZ
ISO/TR 18228-9:2022	en	Design using geosynthetics — Part 9: Barriers	C	ISO/IEC 23634:2022	Information technology — Automatic identification and data capture techniques — JAB Code polychrome bar code symbology specification	en	G
TC 254		Safety of amusement rides and amusement devices		ISO/IEC 19944-2:2022	Cloud computing and distributed platforms — Data flow, data categories and data use — Part 2: Guidance on application and extensibility	en	D

Standards confirmed

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

TC 4	Rolling bearings
ISO 582:1995	(reconfirmed)
TC 17	Steel
ISO 18203:2016	
TC 22	Road vehicles
ISO 6120:1995	(reconfirmed)
ISO 2698:2016	
ISO 6625:1986	(reconfirmed)
ISO 7440-1:1991	(reconfirmed)
ISO 8535-1:2016	
ISO 13296:2016	
ISO 13948-2:2016	(reconfirmed)
ISO 18418-1:2016	
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO 7507-1:2003	(reconfirmed)
ISO 15169:2003	(reconfirmed)
TC 29	Small tools
ISO 9270-1:2010	(reconfirmed)
ISO 9270-2:2010	(reconfirmed)
TC 34	Food products
ISO/TS 2963:2006	(reconfirmed)
ISO/TS 6733:2006	(reconfirmed)
ISO/TS 27106:2009	(reconfirmed)
ISO 1443:1973	(reconfirmed)
ISO 2917:1999	(reconfirmed)
ISO 3496:1994	(reconfirmed)
TC 37	Language and terminology
ISO 24624:2016	
TC 38	Textiles
ISO 9073-17:2008	(reconfirmed)
ISO 14184-2:2011	(reconfirmed)
TC 41	Pulleys and belts (including veebelts)
ISO 15236-1:2016	
TC 44	Welding and allied processes
ISO 857-2:2005	(reconfirmed)
TC 59	Buildings and civil engineering works
ISO 11863:2011	(reconfirmed)
ISO 10845-5:2011	(reconfirmed)

ISO 10845-8:2011	(reconfirmed)
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO 21329:2004	(reconfirmed)
ISO 17776:2016	
ISO/TS 35105:2018	
ISO 20088-1:2016	
ISO 28460:2010	(reconfirmed)
TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use
ISO 1135-3:2016	
ISO 8362-4:2011	(reconfirmed)
ISO 8536-1:2011	(reconfirmed)
ISO 8536-6:2016	
ISO 8536-14:2016	
TC 77	Products in fibre reinforced cement
ISO 9125:2009	(reconfirmed)
TC 85	Nuclear energy, nuclear technologies, and radiological protection
ISO/TS 11665-12:2018	
ISO 11933-3:1998	(reconfirmed)
TC 89	Wood-based panels
ISO 27769:2016	
TC 98	Bases for design of structures
ISO 21650:2007	(reconfirmed)
TC 102	Iron ore and direct reduced iron
ISO 2597-1:2006	(reconfirmed)
TC 110	Industrial trucks
ISO 18063-1:2016	
ISO 22915-14:2010	(reconfirmed)
TC 121	Anaesthetic and respiratory equipment
ISO 7396-1:2016	
ISO 7396-2:2007	(reconfirmed)
ISO 21969:2009	(reconfirmed)
TC 122	Packaging
ISO 2233:2000	(reconfirmed)
ISO 2234:2000	(reconfirmed)
ISO 2244:2000	(reconfirmed)
ISO 2247:2000	(reconfirmed)
ISO 2248:1985	(reconfirmed)
ISO 2873:2000	(reconfirmed)
ISO 2875:2000	(reconfirmed)
ISO 2876:1985	(reconfirmed)
ISO 8318:2000	(reconfirmed)
ISO 12048:1994	(reconfirmed)
TC 127	Earth-moving machinery
ISO 2867:2011	(reconfirmed)
ISO 9244:2008	(reconfirmed)
TC 130	Graphic technology
ISO/TS 15311-2:2018	

TC 134	Fertilizers, soil conditioners and beneficial substances
ISO 7837:1992	(reconfirmed)
ISO 15959:2016	
TC 150	Implants for surgery
ISO 5835:1991	(reconfirmed)
ISO 5836:1988	(reconfirmed)
ISO 5837-1:1985	(reconfirmed)
ISO 8615:1991	(reconfirmed)
ISO 18192-1:2011	(reconfirmed)
ISO 18192-2:2010	(reconfirmed)
TC 163	Thermal performance and energy use in the built environment
ISO 18523-1:2016	
TC 171	Document management applications
ISO 19005-2:2011	(reconfirmed)
TC 172	Optics and photonics
ISO 8429:1986	(reconfirmed)
ISO 12866:1999	(reconfirmed)
ISO 18189:2016	
TC 198	Sterilization of health care products
ISO 20857:2010	(reconfirmed)
TC 204	Intelligent transport systems
ISO 13140-1:2016	
ISO 13140-2:2016	
ISO 13143-2:2016	
TC 211	Geographic information/Geomatics
ISO/TS 19150-1:2012	(reconfirmed)
JTC 1	Information technology
ISO/IEC 8806-4:1991	(reconfirmed)
ISO/IEC 18305:2016	
ISO/IEC 30116:2016	
ISO/IEC 19757-5:2011	(reconfirmed)
ISO/IEC TS 30135-1:2014	(reconfirmed)
ISO/IEC TS 30135-2:2014	(reconfirmed)
ISO/IEC TS 30135-3:2014	(reconfirmed)
ISO/IEC TS 30135-4:2014	(reconfirmed)
ISO/IEC TS 30135-5:2014	(reconfirmed)
ISO/IEC TS 30135-6:2014	(reconfirmed)
ISO/IEC TS 30135-7:2014	(reconfirmed)

Period from 01 April to 01 May 2022

TC 5	Ferrous metal pipes and metallic fittings
ISO 2037:1992	(replaced by)
TC 8	Ships and marine technology
ISO 8862:1987	(replaced by ISO 7547:2022)
ISO 8863:1987	(replaced by ISO 7547:2022)
ISO 8864:1987	(replaced by ISO 7547:2022)
ISO 9099:1987	(replaced by ISO 7547:2022)
TC 21	Equipment for fire protection and fire fighting
ISO/TS 7240-9:2012	(replaced by ISO/TR 7240-9:2022)
TC 41	Pulleys and belts (including veebelts)
ISO 5292:1995	(replaced by)
TC 45	Rubber and rubber products
ISO 7269:1995	(replaced by)
ISO 8053:1995	(replaced by)
TC 182	Geotechnics
ISO/TS 22475-2:2006	(replaced by ISO/TS 24283-1:2022)
ISO/TS 22475-3:2007	(replaced by ISO/TS 24283-2:2022, ISO/TS 24283-3:2022)
TC 184	Automation systems and integration
ISO/TS 8000-1:2011	(replaced by ISO 8000-1:2022)
CASCO	Committee on conformity assessment
ISO/IEC Guide 60:2004	(replaced by ISO/IEC 17060:2022)

Meeting calendar

The meeting calendar is available at <https://www.iso.org/meeting-calendar.html>

Standards withdrawn