

# 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 November to 01 December 2022

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

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| TC 2          | Fasteners                                                                                                                                                                             |
| ISO/CD 8739   | Grooved pins — Full-length parallel grooved, with pilot                                                                                                                               |
| ISO/CD 8740   | Grooved pins — Full-length parallel grooved, with chamfer                                                                                                                             |
| ISO/CD 8741   | Grooved pins — Half-length reverse-taper grooved                                                                                                                                      |
| ISO/CD 8742   | Grooved pins — One-third-length centre grooved                                                                                                                                        |
| ISO/CD 8743   | Grooved pins — Half-length centre grooved                                                                                                                                             |
| ISO/CD 8744   | Grooved pins — Full-length taper grooved                                                                                                                                              |
| ISO/CD 8745   | Grooved pins — Half-length taper grooved                                                                                                                                              |
| ISO/CD 13669  | Fasteners — Grooved pins — General requirements                                                                                                                                       |
| ISO/CD 13670  | Fasteners — Grooved reverse-taper pins — One quarter-length progressive grooves on both sides                                                                                         |
| ISO/CD 13672  | Fasteners — Grooved parallel pins — Half-length diamond grooves                                                                                                                       |
| ISO/CD 13809  | Fasteners — Hexalobular socket set screws                                                                                                                                             |
| TC 17         | Steel                                                                                                                                                                                 |
| ISO/DIS 4990  | Steel castings — General technical delivery requirements                                                                                                                              |
| ISO/DIS 4993  | Steel and iron castings — Radiographic testing                                                                                                                                        |
| ISO/DIS 9477  | High strength cast steels for general engineering and structural purposes                                                                                                             |
| ISO/DIS 11972 | Corrosion-resistant cast steels for general applications                                                                                                                              |
| ISO/DIS 11973 | Heat-resistant cast steels and alloys for general applications                                                                                                                        |
| TC 22         | Road vehicles                                                                                                                                                                         |
| ISO/CD 23373  | Heavy commercial vehicles and buses — Vehicle dynamics simulation and validation — Tyre model for lateral estimation of heavy vehicle combinations operated at dry paved road surface |
| TC 28         | Petroleum and related products, fuels and lubricants from natural or synthetic sources                                                                                                |

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| ISO/CD 23581             | Petroleum products and related products — Determination of dynamic viscosity and calculation of kinematic viscosity — Method by Stabinger type viscosimeter                                                                                      |
| TC 30                    | Measurement of fluid flow in closed conduits                                                                                                                                                                                                     |
| ISO/CD 4064-1            | Water meters for cold potable water and hot water — Part 1: Metrological and technical requirements                                                                                                                                              |
| ISO/CD 4064-2            | Water meters for cold potable water and hot water — Part 2: Test methods                                                                                                                                                                         |
| TC 34                    | Food products                                                                                                                                                                                                                                    |
| ISO 6887-1:2017/CD Amd 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 |
| ISO/CD 13136-1           | Microbiology of the food chain — Detection, isolation and characterization of Shiga toxin-producing Escherichia coli (STEC) — Part 1: Horizontal method for the detection and isolation of Shiga toxin-producing Escherichia coli (STEC)         |
| ISO/CD 13136-2           | Microbiology of the food chain — Detection, isolation and characterization of Shiga toxin-producing Escherichia coli (STEC) — Part 2: Horizontal method for the characterization of Shiga toxin-producing Escherichia coli (STEC) isolates       |
| TC 37                    | Language and terminology                                                                                                                                                                                                                         |
| ISO/CD 6253              | Requirements for Interpreter Educators and Teaching/Training Programs                                                                                                                                                                            |
| TC 43                    | Acoustics                                                                                                                                                                                                                                        |
| ISO/CD 7605              | Underwater acoustics — measurement of underwater ambient sound                                                                                                                                                                                   |
| TC 61                    | Plastics                                                                                                                                                                                                                                         |
| ISO/CD 844               | Rigid cellular plastics — Determination of compression properties                                                                                                                                                                                |
| ISO/CD 4898              | Rigid cellular plastics — Thermal insulation products for buildings — Specifications                                                                                                                                                             |
| TC 71                    | Concrete, reinforced concrete and pre-stressed concrete                                                                                                                                                                                          |
| ISO/CD TS 16774-2        | Test methods for repair materials for water-leakage cracks in underground concrete structures — Part 2: Test method for chemical resistance                                                                                                      |
| ISO/CD TS 16774-3        | Test methods for repair materials for water-leakage cracks in underground concrete structures — Part 3: Test method for water (wash out) resistance                                                                                              |
| ISO/CD TS 16774-4        | Test methods for repair materials for water-leakage cracks in underground concrete structures — Part 4: Test method for adhesion on wet concrete surface                                                                                         |
| TC 85                    | Nuclear energy, nuclear technologies, and radiological protection                                                                                                                                                                                |
| ISO/CD 14146             | Radiological protection — Criteria and performance limits for the periodic evaluation of dosimetry services                                                                                                                                      |
| TC 92                    | Fire safety                                                                                                                                                                                                                                      |
| ISO/CD TR 22099          | Example for using reaction-to-fire test data for FSE                                                                                                                                                                                             |
| TC 117                   | Fans                                                                                                                                                                                                                                             |
| ISO/CD 13351             | Fans — Dimensions                                                                                                                                                                                                                                |
| TC 121                   | Anaesthetic and respiratory equipment                                                                                                                                                                                                            |

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| ISO 10524-1:2018/CD Amd 1 | Pressure regulators for use with medical gases — Part 1: Pressure regulators and pressure regulators with flow-metering devices — Amendment 1                                                   | ISO/CD 2620             | Analysis of natural gas — Biomethane — Determination of VOCs by thermal desorption gas chromatography with flame ionization and/or mass spectrometry detectors |
| ISO/CD 18777-1            | Transportable liquid oxygen systems for medical use — Particular requirements — Part 1: Base units                                                                                              | TC 195                  | Building construction machinery and equipment                                                                                                                  |
| ISO/CD 18777-2            | Transportable liquid oxygen systems for medical use — Particular requirements — Part 2: Portable units                                                                                          | ISO/CD 11886            | Drilling and foundation machinery — Soil drilling machines, and soil/rock drilling machines, and foundation machines — Commercial specifications               |
| TC 122                    | Packaging                                                                                                                                                                                       | TC 197                  | Hydrogen technologies                                                                                                                                          |
| ISO/CD 7683               | Design guidelines and test methods for removable shrink labels applied to plastic bottles                                                                                                       | ISO/CD 19880-9          | Gaseous hydrogen — Fuelling stations — Part 9: Sampling for fuel quality analysis                                                                              |
| TC 126                    | Tobacco and tobacco products                                                                                                                                                                    | TC 202                  | Microbeam analysis                                                                                                                                             |
| ISO/CD 9322               | Material used for producing wrappings for cigarette filters, cigarettes and other tobacco products — Determination of acetate and citrate — Method using ion chromatographic analysis           | ISO/CD 5820             | Microbeam analysis — MSA/MAS/AMAS hyper-dimensional data file specification (HMSA)                                                                             |
| TC 150                    | Implants for surgery                                                                                                                                                                            | ISO/CD 23699            | Microbeam Analysis — Electron Backscattered Electron Diffraction — Vocabulary                                                                                  |
| ISO/CD 23317              | Implants for surgery — In vitro evaluation for apatite-forming ability of implant materials                                                                                                     | TC 204                  | Intelligent transport systems                                                                                                                                  |
| TC 156                    | Corrosion of metals and alloys                                                                                                                                                                  | ISO/CD 15784-2          | Intelligent transport systems (ITS) — Data exchange involving roadside modules communication — Part 2: Centre to field device communications using SNMP        |
| ISO/CD 23225              | Nuclear Power Plants Corrosion Control Engineering Life Cycle — General Requirements                                                                                                            | TC 211                  | Geographic information/Geomatics                                                                                                                               |
| TC 171                    | Document management applications                                                                                                                                                                | ISO/CD 19135            | Geographic information registration — Requirements                                                                                                             |
| ISO/CD TR 22957           | Document management — Trustworthy content/records management environments - Best practices                                                                                                      | TC 224                  | Drinking water, wastewater and stormwater systems and services                                                                                                 |
| ISO/CD TS 32007           | Document management — Portable Document Format — RichMedia annotations conforming to glTF assets                                                                                                | ISO/CD 24591-2          | Smart water management — Part 2: Data management guidelines                                                                                                    |
| TC 172                    | Optics and photonics                                                                                                                                                                            | TC 228                  | Tourism and related services                                                                                                                                   |
| ISO/CD 5868               | Ophthalmic optics and instruments — Anomaloscopes for the diagnosis of red-green colour vision deficiencies                                                                                     | ISO/CD 8804-1           | Requirements for the training of Scientific Divers — Part 1: Scientific Diver                                                                                  |
| ISO/CD TS 6838            | Ophthalmic optics — Contact lenses — Tolerances and methods for measurement of multifocal contact lens addition power                                                                           | ISO/CD 8804-2           | Requirements for the training of Scientific Divers — Part 2: Advanced Scientific Diver                                                                         |
| ISO/CD 11979-4            | Ophthalmic implants — Intraocular lenses — Part 4: Labelling and information                                                                                                                    | ISO/CD 8804-3           | Requirements for the training of Scientific Divers — Part 3: Scientific Diving Project Leader                                                                  |
| ISO/CD 16971-1            | Ophthalmic instruments — Optical coherence tomographs — Part 1: Optical coherence tomographs for the posterior segment of the human eye                                                         | TC 249                  | Traditional Chinese medicine                                                                                                                                   |
| TC 174                    | Jewellery and precious metals                                                                                                                                                                   | ISO/CD 9299             | Traditional Chinese Medicine — Curcuma Longa rhizome                                                                                                           |
| ISO/CD 18214              | Jewellery and precious metals — Determination of 999 ‰ gold, silver, platinum and palladium — Difference method using SPARK-OES                                                                 | TC 268                  | Sustainable cities and communities                                                                                                                             |
| TC 181                    | Safety of toys                                                                                                                                                                                  | ISO/CD 37113            | Sustainable Cities and Communities — Management guidelines for public health emergency response in smart city operating models                                 |
| ISO 8124-1:2022/CD Amd 1  | Safety of toys — Part 1: Safety aspects related to mechanical and physical properties — Amendment 1                                                                                             | TC 276                  | Biotechnology                                                                                                                                                  |
| TC 184                    | Automation systems and integration                                                                                                                                                              | ISO/CD 8472-1           | Biotechnology — Data interoperability for stem cell data — Part 1: Framework                                                                                   |
| ISO/CD TS 10303-15        | Industrial automation systems and integration — Product data representation and exchange — Part 15: Description methods: SysML XMI to XSD transformation                                        | TC 279                  | Innovation management                                                                                                                                          |
| ISO/CD 29002              | Industrial automation systems and integration — Exchange of characteristic data                                                                                                                 | ISO/CD 56001            | Innovation management — Innovation management system — Requirements                                                                                            |
| ISO/CD 20140-5.2          | Automation systems and integration — Evaluating energy efficiency and other factors of manufacturing systems that influence the environment — Part 5: Environmental performance evaluation data | TC 282                  | Water reuse                                                                                                                                                    |
| TC 193                    | Natural gas                                                                                                                                                                                     | ISO/CD 9111             | Water reuse in urban areas — Guideline for benefit evaluation of reclaimed water use                                                                           |
| ISO/CD 2615               | Natural gas — Biomethane — Determination of the content of compressor oil                                                                                                                       | ISO/CD 9784             | Guidelines for biological filtration of secondary effluent for water reuse                                                                                     |
|                           |                                                                                                                                                                                                 | TC 292                  | Security and resilience                                                                                                                                        |
|                           |                                                                                                                                                                                                 | ISO/CD 22344            | Security and resilience — Protective security — Guidelines for crime prevention through environmental design for residential facilities                        |
|                           |                                                                                                                                                                                                 | ISO/CD 22359            | Security and resilience — Hardened protective shelters — Guidelines                                                                                            |
|                           |                                                                                                                                                                                                 | JTC 1                   | Information technology                                                                                                                                         |
|                           |                                                                                                                                                                                                 | ISO/IEC/IEEE CD 41062.2 | Software engineering – Life cycle processes — Software acquisition                                                                                             |

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| ISO/IEC CD 17839-2   | Information technology — Biometric System-on-Card — Part 2: Physical characteristics                                                                                       | ISO/DIS 22804           | Marine technology — General technical requirement of marine Conductivity-Temperature-Depth (CTD) measuring instrument                                                                                                       | 2023-02-14 |
| ISO/IEC CD 22460-1   | ISO license and drone identity module for drone (Ultra light vehicle or unmanned aircraft system) — Part 1: Physical characteristics and basic data sets for drone licence | TC 20                   | Aircraft and space vehicles                                                                                                                                                                                                 |            |
| ISO/IEC CD 27006-2.2 | Requirements for bodies providing audit and certification of information security management systems — Part 2: Privacy information management systems                      | ISO/DIS 17546           | Space systems — Lithium ion battery for space vehicles — Design and verification requirements                                                                                                                               | 2023-01-30 |
| ISO/IEC CD TS 27560  | Privacy technologies — Consent record information structure                                                                                                                | ISO/DIS 5286            | (Revision of ISO 17546:2016)<br>Test methods for flight performance of civil light weight and small fixed-wing UAS                                                                                                          | 2023-02-13 |
| ISO/IEC CD 27561.2   | Information technology — Security techniques — Privacy operationalisation model and method for engineering (POMME)                                                         | ISO/DIS 5312            | Evaluation and test method of rotor blade sharp injury to human body for civil lightweight and small UA                                                                                                                     | 2023-02-14 |
| ISO/IEC CD 27562     | Privacy guidelines for fintech services                                                                                                                                    | ISO/DIS 5332            | Test methods for civil lightweight and small UAS under low pressure conditions                                                                                                                                              | 2023-02-13 |
| ISO/IEC CD 22592-3   | Office equipment — Print quality measurement methods for colour prints — Part 3: Physical durability measurement methods                                                   | TC 22                   | Road vehicles                                                                                                                                                                                                               |            |
| ISO/IEC CD 14496-34  | Information technology — Coding of audio-visual objects — Part 34: Syntactic description language                                                                          | ISO/DIS 11898-2         | Road vehicles — Controller area network (CAN) — Part 2: High-speed medium access unit                                                                                                                                       | 2023-02-02 |
| ISO/IEC CD 21794-5   | Information technology — Plenoptic image coding system (JPEG Pleno) — Part 5: Holography                                                                                   | ISO/DIS 28741           | (Revision of ISO 11898-2:2016)<br>Road vehicles — Spark-plugs and their cylinder head housings — Basic characteristics and dimensions                                                                                       | 2023-02-13 |
| ISO/IEC CD 23090-25  | Information technology — Coded representation of immersive media — Part 25: Conformance and reference software for carriage of visual volumetric video-based coding data   | ISO/DIS 19612           | (Revision of ISO 28741:2013)<br>Road vehicles — Diesel engine fuel filters — Single pass method of evaluating filtration performance of a fuel filter under cyclic flow conditions in combination with mechanical vibration | 2023-02-06 |
| ISO/IEC CD 23090-31  | Information technology — Coded representation of immersive media — Part 31: Haptics coding                                                                                 | ISO/DIS 12614-20        | Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 20: Flexible fuel or vent lines                                                                                                                   | 2023-02-21 |
| ISO/IEC CD 23093-5   | Information technology — Internet of media things — Part 5: IoMT autonomous collaboration                                                                                  | ISO/DIS 15500-23        | Road vehicles — Compressed natural gas (CNG) fuel system components — Part 23: Gas temperature sensor                                                                                                                       | 2023-02-21 |
| ISO/IEC CD 11179-34  | Information technology — Metadata registries (MDR) — Part 34: Metamodel for computable data registration                                                                   | TC 28                   | Petroleum and related products, fuels and lubricants from natural or synthetic sources                                                                                                                                      |            |
| ISO/IEC CD 7818      | Information technology — User interfaces — Framework for voice user interfaces for personal mobility services                                                              | ISO 11007-1:2021/DAMd 1 | Petroleum products and lubricants — Determination of rust-prevention characteristics of lubricating greases — Part 1: Dynamic wet conditions — Amendment 1: Test bearings                                                   | 2023-02-09 |

## DIS circulated

Period from 01 November to 01 December 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 6         | Paper, board and pulps                                                                       |                 | TC 31           | Tyres, rims and valves                                                                           |
| ISO/DIS 2469 | Paper, board and pulps — Measurement of diffuse radiance factor (diffuse reflectance factor) | 2023-02-02      | ISO/DIS 14960-1 | Tubeless tyres — Valves and components — Part 1: Test methods                                    |
|              | (Revision of ISO 2469:2014)                                                                  |                 |                 | (Revision of ISO 14960-1:2014)                                                                   |
| TC 8         | Ships and marine technology                                                                  |                 | ISO/DIS 24163-2 | Clamp-in tyre valves for tyre pressure monitoring systems — Part 2: Test methods and performance |
|              |                                                                                              |                 | TC 34           | Food products                                                                                    |

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| ISO/DIS 8024            | Concentrated black mulberry juice — Specifications                                                                                                                  | 2023-02-08 | ISO/DIS 10300-1 | Calculation of load capacity of bevel gears — Part 1: Introduction and general influence factors                                                                                      | 2023-01-24 |
| ISO/DIS 5537            | Dried milk and dried milk products — Determination of moisture content (Reference method)                                                                           | 2023-02-06 | ISO/DIS 10300-2 | (Revision of ISO 10300-1:2014)<br>Calculation of load capacity of bevel gears — Part 2: Calculation of surface durability (pitting)                                                   | 2023-01-24 |
| ISO/DIS 24382           | Bee pollen — Specifications                                                                                                                                         | 2023-01-24 | ISO/DIS 10300-3 | (Revision of ISO 10300-2:2014)<br>Calculation of load capacity of bevel gears — Part 3: Calculation of tooth root strength                                                            | 2023-01-24 |
| TC 35                   | Paints and varnishes                                                                                                                                                |            |                 | (Revision of ISO 10300-3:2014)                                                                                                                                                        |            |
| ISO/DIS 4626            | Volatile organic liquids — Determination of boiling range of organic solvents used as raw materials                                                                 | 2023-02-10 | TC 61           | Plastics                                                                                                                                                                              |            |
| TC 37                   | Language and terminology                                                                                                                                            |            | ISO/DIS 23949   | Plastics — Application of spread of flame test to plastic pipes                                                                                                                       | 2023-01-31 |
| ISO/DIS 13611           | Interpreting services — Community interpreting – Requirements and recommendations                                                                                   | 2023-01-26 | ISO/DIS 10364   | Structural adhesives — Determination of the pot life (working life) of multi-component adhesives                                                                                      | 2023-02-09 |
| TC 39                   | Machine tools                                                                                                                                                       |            |                 | (Revision of ISO 10364:2015)                                                                                                                                                          |            |
| ISO/DIS 19085-13        | Woodworking machines — Safety — Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (Revision of ISO 19085-13:2020)                       | 2023-02-17 | ISO/DIS 34256   | Adhesives for non-structural wood applications — Test method and requirements for resistance to static load                                                                           | 2023-02-08 |
| ISO/DIS 19085-15        | Woodworking machines — Safety — Part 15: Presses                                                                                                                    | 2023-02-15 | ISO/DIS 34257   | Adhesives — Wood adhesives — Determination of tensile strength of lap joints at elevated temperature (WATT '91)                                                                       | 2023-02-08 |
|                         | (Revision of ISO 19085-15:2021)                                                                                                                                     |            | TC 67           | Oil and gas industries including lower carbon energy                                                                                                                                  |            |
| TC 43                   | Acoustics                                                                                                                                                           |            | ISO/DIS 13702   | Petroleum and natural gas industries — Control and mitigation of fires and explosions on offshore production installations — Requirements and guidelines (Revision of ISO 13702:2015) | 2023-02-23 |
| ISO/DIS 9613-2          | Acoustics — Attenuation of sound during propagation — Part 2: Engineering method for the prediction of sound pressure levels outdoors (Revision of ISO 9613-2:1996) | 2023-02-15 | ISO/DIS 25457   | Petroleum, petrochemical and natural gas industries — Flare details for general refinery and petrochemical service (Revision of ISO 25457:2008)                                       | 2023-02-02 |
| TC 45                   | Rubber and rubber products                                                                                                                                          |            | TC 70           | Internal combustion engines                                                                                                                                                           |            |
| ISO/DIS 11346.2         | Rubber, vulcanized or thermoplastic — Estimation of life-time and maximum temperature of use                                                                        | 2023-01-20 | ISO/DIS 8528-6  | Reciprocating internal combustion engine driven alternating current generating sets — Part 6: Test methods (Revision of ISO 8528-6:2005)                                              | 2023-01-30 |
| ISO/DIS 3136            | Rubber latex — Styrene-butadiene — Determination of bound styrene content                                                                                           | 2023-02-08 | TC 71           | Concrete, reinforced concrete and pre-stressed concrete                                                                                                                               |            |
|                         | (Revision of ISO 3136:1983)                                                                                                                                         |            | ISO/DIS 17785-3 | Testing methods for pervious concrete — Part 3: Resistance of surface degradation                                                                                                     | 2023-01-30 |
| ISO/DIS 3900            | Rubber — Nitrile latex — Determination of bound acrylonitrile content                                                                                               | 2023-02-08 |                 |                                                                                                                                                                                       |            |
|                         | (Revision of ISO 3900:1995)                                                                                                                                         |            | TC 84           | Devices for administration of medicinal products and catheters                                                                                                                        |            |
| TC 58                   | Gas cylinders                                                                                                                                                       |            | ISO/DIS 10555-1 | Intravascular catheters — Sterile and single-use catheters — Part 1: General requirements                                                                                             | 2023-02-14 |
| ISO 11114-1:2020/DAmD 1 | Gas cylinders — Compatibility of cylinder and valve materials with gas contents — Part 1: Metallic materials — Amendment 1                                          | 2023-02-20 |                 | (Revision of ISO 10555-1:2013, ISO 10555-1:2013/Amd 1:2017)                                                                                                                           |            |
| TC 60                   | Gears                                                                                                                                                               |            |                 |                                                                                                                                                                                       |            |
| ISO/DIS 10828           | Worm gears — Worm profiles and gear mesh geometry                                                                                                                   | 2023-02-01 |                 |                                                                                                                                                                                       |            |
|                         | (Revision of ISO/TR 10828:2015)                                                                                                                                     |            |                 |                                                                                                                                                                                       |            |

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| ISO/DIS 10555-4 | Intravascular catheters — Sterile and single-use catheters — Part 4: Balloon dilatation catheters                                                                                            | 2023-02-14 | ISO/DIS 18562-1            | Biocompatibility evaluation of breathing gas pathways in healthcare applications — Part 1: Evaluation and testing within a risk management process (Revision of ISO 18562-1:2017)                                      | 2023-01-27 |
| TC 85           | Nuclear energy, nuclear technologies, and radiological protection                                                                                                                            |            | ISO/DIS 18562-2            | Biocompatibility evaluation of breathing gas pathways in healthcare applications — Part 2: Tests for emissions of particulate matter (Revision of ISO 18562-2:2017)                                                    | 2023-01-27 |
| ISO/DIS 20956   | Radiological protection — Low dose rate calibration of instruments for environmental and area monitoring                                                                                     | 2023-02-13 | ISO/DIS 18562-3            | Biocompatibility evaluation of breathing gas pathways in healthcare applications — Part 3: Tests for emissions of volatile organic substances (Revision of ISO 18562-3:2017)                                           | 2023-01-26 |
| ISO/DIS 24426   | Radiological protection — Format of input data for the statistical description of dose records of individuals monitored for occupational exposure to ionizing radiation                      | 2023-02-20 | ISO/DIS 18562-4            | Biocompatibility evaluation of breathing gas pathways in healthcare applications — Part 4: Tests for leachables in condensate (Revision of ISO 18562-4:2017)                                                           | 2023-01-26 |
| ISO/DIS 24434-1 | Radiological protection — Radiological monitoring for emergency workers and population following nuclear/radiological incidents — Part 1: General principles                                 | 2023-02-06 | IEC 80601-2-49:2018/DAMd 1 | Medical electrical equipment — Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitoring equipment — Amendment 1                                           | 2023-02-03 |
| TC 86           | Refrigeration and air-conditioning                                                                                                                                                           |            | TC 131                     | Fluid power systems                                                                                                                                                                                                    |            |
| ISO/DIS 21978   | Air to water heat pumps — Testing and rating at part load conditions and calculation of seasonal coefficient of performance for space heating (Revision of ISO 21978:2021)                   | 2023-01-25 | ISO/DIS 5119               | Low Temperature Sealing Capability of Elastomeric Seals — Test Methods                                                                                                                                                 | 2023-02-07 |
| TC 92           | Fire safety                                                                                                                                                                                  |            | TC 133                     | Clothing sizing systems - size designation, size measurement methods and digital fittings                                                                                                                              |            |
| ISO/DIS 6021    | Firebrand generator                                                                                                                                                                          | 2023-02-09 | ISO/DIS 8559-5             | Size designation of clothes — Part 5: Anthropometric definitions for head and face                                                                                                                                     | 2023-01-30 |
| ISO/DIS 13943   | Fire safety — Vocabulary                                                                                                                                                                     | 2023-02-14 | TC 138                     | Plastics pipes, fittings and valves for the transport of fluids                                                                                                                                                        |            |
|                 | (Revision of ISO 13943:2017)                                                                                                                                                                 |            | ISO 161-1:2018/DAMd 1.2    | Thermoplastics pipes for the conveyance of fluids — Nominal outside diameters and nominal pressures — Part 1: Metric series — Amendment 1                                                                              | 2023-01-16 |
| TC 94           | Personal safety -- Personal protective equipment                                                                                                                                             |            | ISO/DIS 8513               | Plastics piping systems — Glass-reinforced thermosetting plastics (GRP) pipes — Test methods for the determination of the initial longitudinal tensile strength (Revision of ISO 8513:2016)                            | 2023-02-01 |
| ISO/DIS 24588   | Protective clothing — Personal protective ensembles for use against chemical, biological, radiological and nuclear (CBRN) agents — Classification, performance requirements and test methods | 2023-02-22 | TC 146                     | Air quality                                                                                                                                                                                                            |            |
| TC 104          | Freight containers                                                                                                                                                                           |            | ISO/DIS 19694-7            | Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries — Part 7: Semiconductor and display industries                                                                  | 2023-02-14 |
| ISO/DIS 1496-4  | Series 1 freight containers — Specification and testing — Part 4: Non-pressurized containers for dry bulk (Revision of ISO 1496-4:1991, ISO 1496-4:1991/Amd 1:1994)                          | 2023-02-08 | ISO/DIS 21438-2            | Workplace atmospheres — Determination of inorganic acids by ion chromatography — Part 2: Volatile acids, except hydrofluoric acid (hydrochloric acid, hydrobromic acid and nitric acid) (Revision of ISO 21438-2:2009) | 2023-02-15 |
| TC 112          | Vacuum technology                                                                                                                                                                            |            | TC 150                     | Implants for surgery                                                                                                                                                                                                   |            |
| ISO/DIS 21360-6 | Vacuum technology — Standard methods for measuring vacuum-pump performance — Part 6: Cryo vacuum pumps                                                                                       | 2023-02-20 | ISO/DIS 23500-1            | Preparation and quality management of fluids for haemodialysis and related therapies — Part 1: General requirements                                                                                                    | 2023-02-09 |
| TC 119          | Powder metallurgy                                                                                                                                                                            |            |                            |                                                                                                                                                                                                                        |            |
| ISO/FDIS 4491-1 | Metallic powders — Determination of oxygen content by reduction methods — Part 1: General guidelines (Revision of ISO 4491-1:1989)                                                           |            |                            |                                                                                                                                                                                                                        |            |
| TC 121          | Anaesthetic and respiratory equipment                                                                                                                                                        |            |                            |                                                                                                                                                                                                                        |            |

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| ISO/DIS 23500-2 | (Revision of ISO 23500-1:2019)<br>Preparation and quality management of fluids for haemodialysis and related therapies — Part 2: Water treatment equipment for haemodialysis applications and related therapies<br>(Revision of ISO 23500-2:2019) | 2023-02-10 | ISO/DIS 24533-1         | Intelligent transport systems — Electronic information exchange to facilitate the movement of freight and its intermodal transfer — Part 1: Road transport information exchange methodology<br>(Revision of ISO/TS 24533:2012) | 2023-02-09 |
| ISO/DIS 23500-3 | Preparation and quality management of fluids for haemodialysis and related therapies — Part 3: Water for haemodialysis and related therapies<br>(Revision of ISO 23500-3:2019)                                                                    | 2023-02-10 | TC 205                  | Building environment design                                                                                                                                                                                                    |            |
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| ISO/PRF 8600-4     | Endoscopes — Medical endoscopes and endotherapy devices — Part 4: Determination of maximum width of insertion portion (Revision of ISO 8600-4:2014)                                                                           |            | ISO/FDIS 16610-62 | Geometrical product specifications (GPS) — Filtration — Part 62: Linear areal filters: Spline filters                                                                               | 2023-01-02 |
| TC 174             | Jewellery and precious metals                                                                                                                                                                                                 |            | TC 227            | Springs                                                                                                                                                                             |            |
| ISO/FDIS 11210     | Jewellery and precious metals — Determination of platinum — Gravimetry using diammonium chloride (Revision of ISO 11210:2014)                                                                                                 | 2023-01-18 | ISO/FDIS 22705-2  | Springs — Measurement and test parameters — Part 2: Cold formed cylindrical helical extension springs                                                                               | 2023-01-06 |
| ISO/FDIS 11490     | Jewellery and precious metals — Determination of palladium — Gravimetry using dimethylglyoxime (Revision of ISO 11490:2015)                                                                                                   | 2023-01-18 | TC 229            | Nanotechnologies                                                                                                                                                                    |            |
| TC 189             | Ceramic tile                                                                                                                                                                                                                  |            | ISO/PRF TS 5094   | Nanotechnologies — Assessment of peroxidase-like activity of metal and metal oxide nanoparticles                                                                                    |            |
| ISO/PRF TS 17870-3 | Ceramic tiles — Installation — Part 3: Installation of large format porcelain tiles and panels by mechanical means onto a supporting structure                                                                                |            | TC 238            | Solid biofuels                                                                                                                                                                      |            |
| TC 190             | Soil quality                                                                                                                                                                                                                  |            | ISO/FDIS 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) | 2023-01-26 |
| ISO/FDIS 13914     | Soil, treated biowaste and sludge — Determination of dioxins and furans and dioxin-like polychlorinated biphenyls by gas chromatography with high resolution mass selective detection (HR GC-MS) (Revision of ISO 13914:2013) | 2023-01-23 | ISO/FDIS 18123    | Solid biofuels — Determination of volatile matter                                                                                                                                   | 2023-01-17 |
| TC 195             | Building construction machinery and equipment                                                                                                                                                                                 |            |                   | (Revision of ISO 18123:2015)                                                                                                                                                        |            |
| ISO/FDIS 6085      | Building construction machinery and equipment — Self-loading mobile concrete mixers — Safety requirements and verification                                                                                                    | 2023-01-16 | TC 249            | Traditional Chinese medicine                                                                                                                                                        |            |
| ISO/FDIS 21467     | Drilling and foundation machinery — Horizontal directional drilling (HDD) machines — Commercial specifications (Revision of ISO 21467:2004)                                                                                   | 2023-01-12 | ISO/DTS 13126     | Traditional Chinese medicine — Determination of ochratoxin A in natural products by liquid chromatography coupled with fluorescence detector                                        | 2023-01-05 |
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| ISO/PRF 24465      | Surface chemical analysis — Determination of the minimum detectability of surface plasmon resonance device                                                                                                                    |            | ISO/FDIS 24218-1  | Fine bubble technology — Characterization of fine bubbles — Part 1: Evaluation of size and concentration indices by laser diffraction method                                        | 2022-12-30 |
| TC 204             | Intelligent transport systems                                                                                                                                                                                                 |            | TC 292            | Security and resilience                                                                                                                                                             |            |
| ISO/PRF 20900      | Intelligent transport systems — Partially-automated parking systems (PAPS) — Performance requirements and test procedures (Revision of ISO 20900:2019)                                                                        |            | ISO/FDIS 22385    | Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines to establish a framework for trust and interoperability                         | 2022-12-30 |
| TC 207             | Environmental management                                                                                                                                                                                                      |            | ISO/FDIS 22393    | Security and resilience — Community resilience — Guidelines for planning recovery and renewal                                                                                       | 2023-01-09 |
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| TC 211             | Geographic information/ Geomatics                                                                                                                                                                                             |            | TC 295            | Audit data services                                                                                                                                                                 |            |
| ISO/FDIS 19157-1   | Geographic information — Data quality — Part 1: General requirements                                                                                                                                                          | 2023-01-06 | ISO/PRF TS 21377  | Exchange formats for the audit data collection standard: XML and JSON                                                                                                               |            |
|                    | (Revision of ISO 19157:2013, ISO 19157:2013/Amd 1:2018)                                                                                                                                                                       |            | TC 301            | Energy management and energy savings                                                                                                                                                |            |
| TC 213             | Dimensional and geometrical product specifications and verification                                                                                                                                                           |            | ISO/DTS 50011     | Energy management systems — Assessing energy management using ISO 50001:2018                                                                                                        | 2023-01-20 |
|                    |                                                                                                                                                                                                                               |            | IULTCS            | International Union of Leather Technologists and Chemists Societies                                                                                                                 |            |
|                    |                                                                                                                                                                                                                               |            | ISO/FDIS 2418     | Leather — Chemical, physical, mechanical and fastness tests — Position and preparation of specimens for testing (Revision of ISO 2418:2017)                                         | 2023-01-10 |

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| ISO/FDIS 14268                    | Leather — Physical and mechanical tests — Determination of water vapour permeability                                                                                                                                                        | 2023-01-09 | ISO/IEC PRF 11179-31           | (Revision of ISO/IEC 11179-3:2013, ISO/IEC 11179-3:2013/Amd 1:2020)                                                                |             |
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| ISO/IEC/IEEE 8802-1AC:2018/FDAm 1 | Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Part 1AC: Media access control (MAC) service definition — Amendment 1: Support for ISO/IEC/IEEE 8802-15-3     | 2023-03-24 | ISO/IEC 19086-2:2018/PRF Amd 1 | Information technology — Metadata registries (MDR) — Part 35: Metamodel for model registration (Revision of ISO/IEC 19763-10:2014) |             |
| ISO/IEC/IEEE FDIS 8802-1BA        | Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 1BA: Audio video bridging (AVB) systems (Revision of ISO/IEC/IEEE 8802-1BA:2016) | 2023-03-24 | ISO/IEC FDIS 22123-1           | Cloud computing — Service level agreement (SLA) framework — Part 2: Metric model — Amendment 1                                     | 2023-01-06  |
| ISO/IEC PRF 21558-2               | Telecommunications and information exchange between systems — Future network architecture — Part 2: Proxy model-based quality of service                                                                                                    |            |                                | Information technology — Cloud computing — Part 1: Vocabulary (Revision of ISO/IEC 22123-1:2021)                                   |             |
| ISO/IEC DTS 33010                 | Information technology — Process assessment — Guidance for performing process assessments                                                                                                                                                   | 2023-01-04 |                                |                                                                                                                                    |             |
| ISO/IEC FDIS 23220-1              | Cards and security devices for personal identification — Building blocks for identity management via mobile devices — Part 1: Generic system architectures of mobile eID systems                                                            | 2022-12-28 |                                |                                                                                                                                    |             |
| ISO/IEC PRF 1989                  | Information technology — Programming languages, their environments and system software interfaces — Programming language COBOL (Revision of ISO/IEC 1989:2014)                                                                              |            |                                |                                                                                                                                    | Price group |
| ISO/IEC PRF 9660                  | Information processing — Volume and file structure of CD-ROM for information interchange (Revision of ISO 9660:1988/ Amd 1:2013, ISO 9660:1988, ISO 9660:1988/Amd 2:2020)                                                                   |            |                                |                                                                                                                                    |             |
| ISO/IEC 24760-1:2019/PRF Amd 1    | IT Security and Privacy — A framework for identity management — Part 1: Terminology and concepts — Amendment 1                                                                                                                              |            |                                |                                                                                                                                    |             |
| ISO/IEC FDIS 23001-11             | Information technology — MPEG systems technologies — Part 11: Energy-efficient media consumption (green metadata) (Revision of ISO/IEC 23001-11:2019)                                                                                       | 2023-01-18 |                                |                                                                                                                                    |             |
| ISO/IEC FDIS 23090-9              | Information technology — Coded representation of immersive media — Part 9: Geometry-based point cloud compression                                                                                                                           | 2023-01-09 |                                |                                                                                                                                    |             |
| ISO/IEC FDIS 29167-11             | Information technology — Automatic identification and data capture techniques — Part 11: Crypto suite PRESENT-80 security services for air interface communications (Revision of ISO/IEC 29167-11:2014)                                     | 2023-01-19 |                                |                                                                                                                                    |             |
| ISO/IEC PRF 11179-3               | Information technology — Metadata registries (MDR) — Part 3: Metamodel for registry common facilities                                                                                                                                       |            |                                |                                                                                                                                    |             |

## Standards published

New International Standards published between 01 November and 01 December 2022

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

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| TC 4              |    |    | Rolling bearings                                                                                                   |    |
| ISO/TS 23768:2022 | fr |    | Rolling bearings — Parts library — Reference dictionary for rolling bearings                                       | H  |
| TC 6              |    |    | Paper, board and pulps                                                                                             |    |
| ISO 3037:2022     | en | fr | Corrugated fibreboard — Determination of edgewise crush resistance (non-waxed edge method)                         | B  |
| ISO 13820:2021    | fr |    | Paper, board and corrugated fibreboard — Description and calibration of fixed platen compression-testing equipment | A  |
| TC 8              |    |    | Ships and marine technology                                                                                        |    |
| ISO 23806:2022    | en |    | Ships and marine technology — Cyber safety                                                                         | A  |
| ISO 23668:2022    | en |    | Ships and marine technology — Marine environment protection — Continuous on-board pH monitoring method             | B  |
| TC 12             |    |    | Quantities and units                                                                                               |    |
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| ISO 404:2013/<br>Amd 1:2022 | en       | Steel and steel products — General technical delivery requirements — Amendment 1                                                                                          | XZ | TC 24            |          | Particle characterization including sieving                                                                                                                                                       |   |
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| ISO 12604-3:2022            | en       | Aircraft ground handling — Checked baggage — Part 3: Workstation ergonomics                                                                                               | B  | TC 28            |          | Petroleum and related products, fuels and lubricants from natural or synthetic sources                                                                                                            |   |
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| ISO 24564:2022              | en       | Space systems — Adhesives — General requirements                                                                                                                          | D  | ISO 7278-2:2022  | en<br>fr | Petroleum measurement systems — Part 2: Pipe prover design, calibration and operation                                                                                                             | H |
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| ISO 15118-9:2022            | en       | Road vehicles — Vehicle to grid communication interface — Part 9: Physical and data link layer conformance test for wireless communication                                | G  | ISO 21634:2022   | en<br>fr | Rubber flaps for tyres — Requirements and test methods                                                                                                                                            | C |
| ISO 20730-2:2022            | en       | Road vehicles — Vehicle interface for electronic Periodic Technical Inspection (ePTI) — Part 2: Application and communication requirements conformance test plan          | E  | TC 34            |          | Food products                                                                                                                                                                                     |   |
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| ISO 15830-3:2022            | en       | Road vehicles — Design and performance specifications for the WorldSID 50th percentile male side-impact dummy — Part 3: Mechanical requirements for electronic subsystems | D  | TC 35            |          | Paints and varnishes                                                                                                                                                                              |   |
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| ISO 11783-7:2022            | en       | Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 7: Implement messages application layer                       | E  | TC 41            |          | Pulleys and belts (including veebelts)                                                                                                                                                            |   |

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| ISO 11382:2022   | en       | Optics and photonics — Optical materials and components — Characterization of optical materials used in the infrared spectral range from 0,78 µm to 25 µm                       | B | ISO/TS 14074:2022   | en<br>fr | Environmental management — Life cycle assessment — Principles, requirements and guidelines for normalization, weighting and interpretation                                 | C |
| TC 182           |          | Geotechnics                                                                                                                                                                     |   | ISO 14093:2022      | en<br>fr | Mechanism for financing local adaptation to climate change — Performance-based climate resilience grants — Requirements and guidelines                                     | F |
| ISO 24057:2022   | en       | Geotechnics — Array measurement of microtremors to estimate shear wave velocity profile                                                                                         | F | TC 209              |          | Cleanrooms and associated controlled environments                                                                                                                          |   |
| TC 188           |          | Small craft                                                                                                                                                                     |   | ISO 14644-4:2022    | en       | Cleanrooms and associated controlled environments — Part 4: Design, construction and start-up                                                                              | G |
| ISO 9094:2022    | en<br>fr | Small craft — Fire protection                                                                                                                                                   | E | TC 211              |          | Geographic information/Geomatics                                                                                                                                           |   |
| ISO 10088:2022   | en<br>fr | Small craft — Permanently installed fuel systems                                                                                                                                | D | ISO 19131:2022      | en<br>fr | Geographic information — Data product specifications                                                                                                                       | H |
| ISO 10240:2022   | en<br>fr | Small craft — Owner's manual                                                                                                                                                    | C | ISO/TS 19159-4:2022 | en       | Geographic information — Calibration and validation of remote sensing imagery sensors and data — Part 4: Spaceborne passive microwave radiometers                          | G |
| ISO 21487:2022   | en<br>fr | Small craft — Permanently installed petrol and diesel fuel tanks                                                                                                                | C | ISO 19168-2:2022    | fr       | Geographic information – Geospatial API for features — Part 2: Coordinate Reference Systems by Reference                                                                   | C |
| TC 190           |          | Soil quality                                                                                                                                                                    |   | TC 215              |          | Health informatics                                                                                                                                                         |   |
| ISO/TS 5594:2022 | en<br>fr | Soil and water quality — Guidance and requirements for designing an interlaboratory trial for validation of biotests                                                            | F | ISO/TS 5568:2022    | en       | Health informatics — Traditional Chinese medicine — Labelling metadata of human biological sample information                                                              | B |
| ISO 23265:2022   | en<br>fr | Soil quality — Test for estimating organic matter decomposition in contaminated soil                                                                                            | C | ISO/TS 17975:2022   | en       | Health informatics — Principles and data requirements for consent in the collection, use or disclosure of personal health information                                      | E |
| TC 194           |          | Biological and clinical evaluation of medical devices                                                                                                                           |   | ISO/TR 23358:2022   | en       | Health informatics — A case study on establishing standardized measurement data in cardiac examination reports                                                             | B |
| ISO 10993-2:2022 | en<br>fr | Biological evaluation of medical devices — Part 2: Animal welfare requirements                                                                                                  | C | TC 224              |          | Drinking water, wastewater and stormwater systems and services                                                                                                             |   |
| TC 198           |          | Sterilization of health care products                                                                                                                                           |   | ISO 24525:2022      | en<br>fr | Drinking water, wastewater and stormwater systems and services — Operation and maintenance of on-site domestic wastewater services                                         | G |
| ISO 11140-6:2022 | en<br>fr | Sterilization of health care products — Chemical indicators — Part 6: Type 2 indicators and process challenge devices for use in performance testing of small steam sterilizers | F | TC 228              |          | Tourism and related services                                                                                                                                               |   |
| TC 201           |          | Surface chemical analysis                                                                                                                                                       |   | ISO 3163:2022       | en<br>fr | Adventure tourism — Vocabulary                                                                                                                                             | A |
| ISO 14606:2022   | en       | Surface chemical analysis — Sputter depth profiling — Optimization using layered systems as reference materials                                                                 | C | TC 238              |          | Solid biofuels                                                                                                                                                             |   |
| TC 204           |          | Intelligent transport systems                                                                                                                                                   |   | ISO 18122:2022      | en<br>fr | Solid biofuels — Determination of ash content                                                                                                                              | B |
| ISO 21734-1:2022 | en       | Intelligent transport systems — Performance testing for connectivity and safety functions of automated driving buses in public transport — Part 1: General framework            | E | TC 249              |          | Traditional Chinese medicine                                                                                                                                               |   |
| TC 206           |          | Fine ceramics                                                                                                                                                                   |   | ISO 4754:2022       | en       | Traditional Chinese medicine — Fermented <i>Cordyceps</i> powder                                                                                                           | C |



|                           |          |                                                                                                                                                          |      |                                  |    |                                                                                                                                                                               |    |
|---------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| ISO 5227:2022             | en       | Traditional Chinese medicine — Safety controls for cupping devices                                                                                       | A    | ISO/IEC/IEEE 24748-7000:2022     | en | Systems and software engineering — Life cycle management — Part 7000: Standard model process for addressing ethical concerns during system design                             | G  |
| ISO 19609-3:2022          | en       | Traditional Chinese medicine — Quality and safety of raw materials and finished products made with raw materials — Part 3: Testing for contaminants      | B    | ISO/IEC TR 29119-13:2022         | en | Software and systems engineering — Software testing — Part 13: Using the ISO/IEC/IEEE 29119 series in the testing of biometric systems                                        | H  |
| TC 256                    |          | Pigments, dyestuffs and extenders                                                                                                                        |      | ISO/IEC/IEEE 42010:2022          | en | Software, systems and enterprise — Architecture description                                                                                                                   | G  |
| ISO 3262-6:2022           | en<br>fr | Extenders — Specifications and methods of test — Part 6: Precipitated calcium carbonate                                                                  | A    | ISO/IEC 24760-3:2016             | fr | Information technology — Security techniques — A framework for identity management — Part 3: Practice                                                                         | E  |
| ISO 18314-3:2022          | en<br>fr | Analytical colorimetry — Part 3: Special indices                                                                                                         | A    | ISO/IEC 27553-1:2022             | en | Information security, cybersecurity and privacy protection — Security and privacy requirements for authentication using biometrics on mobile devices — Part 1: Local modes    | E  |
| ISO 18314-5:2022          | en       | Analytical colorimetry — Part 5: Procedure for colorimetric determination of colour differences of object colours according to equidistant colour spaces | C    | ISO/IEC 27557:2022               | en | Information security, cybersecurity and privacy protection — Application of ISO 31000:2018 for organizational privacy risk management                                         | D  |
| TC 260                    |          | Human resource management                                                                                                                                |      | ISO/IEC 27559:2022               | en | Information security, cybersecurity and privacy protection – Privacy enhancing data de-identification framework                                                               | D  |
| ISO 30400:2022            | en<br>fr | Human resource management — Vocabulary                                                                                                                   | A    | ISO/IEC 14496-10:2022            | en | Information technology — Coding of audio-visual objects — Part 10: Advanced video coding                                                                                      | H  |
| TC 263                    |          | Coalbed methane (CBM)                                                                                                                                    |      | ISO/IEC 21000-23:2022            | en | Information technology — Multimedia framework (MPEG-21) — Part 23: Smart Contracts for Media                                                                                  | G  |
| ISO 23604:2022            | en       | Method of determining specific surface area of coal                                                                                                      | B    | ISO/IEC 21122-2:2022/Amd 1:2022  | en | 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       | XZ |
| TC 268                    |          | Sustainable cities and communities                                                                                                                       |      | ISO/IEC 23090-7:2022             | en | Information technology — Coded representation of immersive media — Part 7: Immersive media metadata                                                                           | F  |
| ISO/TS 37172:2022         | fr       | Smart community infrastructures — Data exchange and sharing for community infrastructures based on geographic information                                | C    | ISO/IEC 23090-10:2022/Amd 1:2022 | en | Information technology — Coded representation of immersive media — Part 10: Carriage of visual volumetric video-based coding data — Amendment 1: Support of packed video data | XZ |
| TC 276                    |          | Biotechnology                                                                                                                                            |      | ISO/IEC 23090-15:2022            | en | Information technology — Coded representation of immersive media — Part 15: Conformance testing for versatile video coding                                                    | G  |
| ISO 20399:2022            | en       | Biotechnology — Ancillary materials present during the production of cellular therapeutic products and gene therapy products                             | E    | ISO/IEC 24791-3:2022             | en | Information technology — Radio frequency identification (RFID) for item management — Software system infrastructure — Part 3: Device management                               | F  |
| ISO 20691:2022            | en       | Biotechnology — Requirements for data formatting and description in the life sciences                                                                    | G    | ISO/IEC 29167-16:2022            | en | Information technology — Automatic identification and data capture techniques — Part 16: Crypto suite ECDSA-ECDH security services for air interface communications           | E  |
| TC 279                    |          | Innovation management                                                                                                                                    |      | ISO/IEC TR 21897:2022            | en | Information technology — Data centres — Impact of the ISO 52000 series on energy performance of buildings                                                                     | F  |
| ISO 56005:2020            | es       | Innovation management — Tools and methods for intellectual property management — Guidance                                                                | E    | ISO/IEC 30105-4:2022             | en | Information technology — IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 4: Key concepts                                               | D  |
| TC 300                    |          | Solid recovered materials, including solid recovered fuels                                                                                               |      |                                  |    |                                                                                                                                                                               |    |
| ISO 21911-1:2022          | en       | Solid recovered fuels — Determination of self-heating — Part 1: Isothermal calorimetry                                                                   | B    |                                  |    |                                                                                                                                                                               |    |
| TMBG                      |          | Technical Management Board - groups                                                                                                                      |      |                                  |    |                                                                                                                                                                               |    |
| IWA 42:2022               | en<br>es | Net zero guidelines                                                                                                                                      | free |                                  |    |                                                                                                                                                                               |    |
| JTC 1                     |          | Information technology                                                                                                                                   |      |                                  |    |                                                                                                                                                                               |    |
| ISO/IEC/IEEE 15026-2:2022 | en       | Systems and software engineering — Systems and software assurance — Part 2: Assurance case                                                               | D    |                                  |    |                                                                                                                                                                               |    |

## Standards confirmed

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

|                     |                                              |
|---------------------|----------------------------------------------|
| TC 8                | Ships and marine technology                  |
| ISO 6482:2017       |                                              |
| ISO 20438:2017      |                                              |
| ISO 14409:2011      | (reconfirmed)                                |
| TC 20               | Aircraft and space vehicles                  |
| ISO 23748:2016      |                                              |
| TC 22               | Road vehicles                                |
| ISO 6813:1998       | (reconfirmed)                                |
| ISO 12353-2:2003    | (reconfirmed)                                |
| ISO/TR 12353-3:2013 |                                              |
| ISO 13216-1:1999    | (reconfirmed)                                |
| TC 24               | Particle characterization including sieving  |
| ISO 4782:1987       | (reconfirmed)                                |
| ISO 4783-1:1989     | (reconfirmed)                                |
| ISO 4783-2:1989     | (reconfirmed)                                |
| ISO 7805-1:1984     | (reconfirmed)                                |
| ISO 7805-2:1987     | (reconfirmed)                                |
| ISO 7806:1983       | (reconfirmed)                                |
| ISO 10630:1994      | (reconfirmed)                                |
| ISO 14315:1997      | (reconfirmed)                                |
| TC 29               | Small tools                                  |
| ISO 3465:1975       | (reconfirmed)                                |
| ISO 3859:2000       | (reconfirmed)                                |
| ISO 5468:2017       |                                              |
| ISO 9361-2:2011     | (reconfirmed)                                |
| TC 30               | Measurement of fluid flow in closed conduits |
| ISO/TR 3313:2018    |                                              |
| ISO/TR 11583:2012   |                                              |
| TC 34               | Food products                                |
| ISO 6322-1:1996     | (reconfirmed)                                |
| ISO 13580:2005      | (reconfirmed)                                |
| ISO 13969:2003      | (reconfirmed)                                |
| ISO 14675:2003      | (reconfirmed)                                |
| ISO 15648:2004      | (reconfirmed)                                |
| ISO 15885:2002      | (reconfirmed)                                |
| ISO 16305:2005      | (reconfirmed)                                |
| ISO 17129:2006      | (reconfirmed)                                |
| ISO 17189:2003      | (reconfirmed)                                |
| ISO 18330:2003      | (reconfirmed)                                |
| ISO 27105:2016      |                                              |
| ISO 663:2017        |                                              |

ISO 3960:2017  
ISO 6320:2017  
ISO 6883:2017  
ISO 8534:2017  
ISO 12966-2:2017  
ISO 15302:2017  
ISO 15774:2017

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|------------------|-------------------------------------------------------------------|
| TC 38            | Textiles                                                          |
| ISO 3759:2011    | (reconfirmed)                                                     |
| ISO 5077:2007    | (reconfirmed)                                                     |
| ISO 9865:1991    | (reconfirmed)                                                     |
| ISO 10528:1995   | (reconfirmed)                                                     |
| ISO 16847:2016   |                                                                   |
| ISO 18695:2007   | (reconfirmed)                                                     |
| TC 43            | Acoustics                                                         |
| ISO 18405:2017   |                                                                   |
| ISO 18406:2017   |                                                                   |
| TC 44            | Welding and allied processes                                      |
| ISO 15614-1:2017 |                                                                   |
| TC 45            | Rubber and rubber products                                        |
| ISO 37:2017      |                                                                   |
| ISO 13145:2012   | (reconfirmed)                                                     |
| TC 59            | Buildings and civil engineering works                             |
| ISO 10845-6:2011 | (reconfirmed)                                                     |
| ISO 10845-7:2011 | (reconfirmed)                                                     |
| TC 61            | Plastics                                                          |
| ISO 1923:1981    | (reconfirmed)                                                     |
| ISO 2796:1986    | (reconfirmed)                                                     |
| ISO 6187:2001    | (reconfirmed)                                                     |
| ISO 7850:1986    | (reconfirmed)                                                     |
| ISO 9054:1990    | (reconfirmed)                                                     |
| ISO 9774:2004    | (reconfirmed)                                                     |
| TC 70            | Internal combustion engines                                       |
| ISO 4548-12:2017 |                                                                   |
| TC 72            | Textile machinery and accessories                                 |
| ISO 9398-1:2003  | (reconfirmed)                                                     |
| TC 87            | Cork                                                              |
| ISO 17727:2012   |                                                                   |
| TC 94            | Personal safety -- Personal protective equipment                  |
| ISO 13995:2000   | (reconfirmed)                                                     |
| ISO 13999-2:2003 | (reconfirmed)                                                     |
| TC 111           | Round steel link chains, chain slings, components and accessories |
| ISO 1837:2003    | (reconfirmed)                                                     |
| ISO 7597:2013    | (reconfirmed)                                                     |
| TC 117           | Fans                                                              |
| ISO 27327-1:2009 | (reconfirmed)                                                     |
| TC 118           | Compressors and pneumatic tools, machines and equipment           |
| ISO 5389:2005    | (reconfirmed)                                                     |
| ISO 10440-1:2007 | (reconfirmed)                                                     |
| TC 131           | Fluid power systems                                               |
| ISO 1219-3:2016  |                                                                   |

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| ISO 9974-4:2016  |                                                                 |
| ISO 3724:2007    | (reconfirmed)                                                   |
| ISO 16431:2012   | (reconfirmed)                                                   |
| ISO 16860:2005   | (reconfirmed)                                                   |
| ISO 23181:2007   | (reconfirmed)                                                   |
| TC 138           | Plastics pipes, fittings and valves for the transport of fluids |
| ISO 3514:1976    | (reconfirmed)                                                   |
| TC 157           | Non-systemic contraceptives and STI barrier prophylactics       |
| ISO 8009:2014    |                                                                 |
| TC 162           | Doors, windows and curtain walling                              |
| ISO 8248:1985    | (reconfirmed)                                                   |
| ISO 8269:1985    | (reconfirmed)                                                   |
| ISO 8273:1985    | (reconfirmed)                                                   |
| ISO 9380:1990    | (reconfirmed)                                                   |
| TC 163           | Thermal performance and energy use in the built environment     |
| ISO 15927-6:2007 | (reconfirmed)                                                   |
| TC 183           | Copper, lead, zinc and nickel ores and concentrates             |
| ISO 11790:2017   |                                                                 |
| ISO 11794:2017   |                                                                 |
| TC 188           | Small craft                                                     |
| ISO 18854:2015   |                                                                 |
| TC 190           | Soil quality                                                    |
| ISO 19204:2017   |                                                                 |
| TC 195           | Building construction machinery and equipment                   |
| ISO 19720-1:2017 |                                                                 |
| TC 199           | Safety of machinery                                             |
| ISO 29042-1:2008 | (reconfirmed)                                                   |
| TC 202           | Microbeam analysis                                              |
| ISO 22309:2011   | (reconfirmed)                                                   |
| TC 219           | Floor coverings                                                 |
| ISO 1765:1986    | (reconfirmed)                                                   |
| ISO 2549:1972    | (reconfirmed)                                                   |
| ISO 3415:1986    | (reconfirmed)                                                   |
| ISO 3416:1986    | (reconfirmed)                                                   |
| ISO 5086:1977    | (reconfirmed)                                                   |
| ISO 10833:2017   |                                                                 |
| ISO 11378-2:2001 | (reconfirmed)                                                   |
| ISO 11858:1999   | (reconfirmed)                                                   |
| ISO 11859:1999   | (reconfirmed)                                                   |
| ISO 11860:1999   | (reconfirmed)                                                   |
| ISO 17504:1999   | (reconfirmed)                                                   |
| TC 226           | Materials for the production of primary aluminium               |
| ISO 1620:1976    | (reconfirmed)                                                   |
| ISO 2367:1972    | (reconfirmed)                                                   |
| ISO 2961:1974    | (reconfirmed)                                                   |
| ISO 8220:1986    | (reconfirmed)                                                   |
| ISO 9055:1988    | (reconfirmed)                                                   |
| ISO 12980:2000   | (reconfirmed)                                                   |
| TC 229           | Nanotechnologies                                                |

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| ISO/TR 18196:2016   |                              |
| TC 249              | Traditional Chinese medicine |
| ISO 19614:2017      |                              |
| ISO 20308:2017      |                              |
| ISO 20498-2:2017    |                              |
| ISO/TS 20758:2019   |                              |
| TC 260              | Human resource management    |
| ISO 30409:2016      |                              |
| TC 267              | Facility management          |
| ISO 41012:2017      |                              |
| TC 281              | Fine bubble technology       |
| ISO 20480-1:2017    |                              |
| ISO/TS 23016-1:2019 |                              |
| JTC 1               | Information technology       |
| ISO/IEC 9592-3:1997 | (reconfirmed)                |

## Standards withdrawn

Period from 01 November to 01 December 2022

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| TC 22               | Road vehicles                                                                                          |
| ISO/TR 13487:1997   | (replaced by )                                                                                         |
| TC 28               | Petroleum and related products, fuels and lubricants from natural or synthetic sources                 |
| ISO 7278-4:1999     | (replaced by ISO 7278-2:2022)                                                                          |
| TC 34               | Food products                                                                                          |
| ISO/TS 23942:2020   | (replaced by ISO 23942:2022)                                                                           |
| TC 48               | Laboratory equipment                                                                                   |
| ISO 4795:1996       | (replaced by )                                                                                         |
| TC 76               | Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use |
| ISO 10985:2009      | (replaced by ISO 8872:2022)                                                                            |
| TC 83               | Sports and other recreational facilities and equipment                                                 |
| ISO 20187:2016      | (replaced by ISO 20187-1:2022, ISO 20187-3:2022, ISO 20187-2:2022)                                     |
| TC 138              | Plastics pipes, fittings and valves for the transport of fluids                                        |
| ISO 13478:2007      | (replaced by )                                                                                         |
| TC 204              | Intelligent transport systems                                                                          |
| ISO/TR 17452:2007   | (replaced by )                                                                                         |
| ISO/TR 24098:2007   | (replaced by )                                                                                         |
| ISO/TR 26999:2012   | (replaced by )                                                                                         |
| ISO/TR 28682:2008   | (replaced by )                                                                                         |
| TC 262              | Risk management                                                                                        |
| ISO/TR 31004:2013   | (replaced by )                                                                                         |
| TC 276              | Biotechnology                                                                                          |
| ISO/TS 20399-1:2018 | (replaced by ISO 20399:2022)                                                                           |
| ISO/TS 20399-2:2018 | (replaced by ISO 20399:2022)                                                                           |
| ISO/TS 20399-3:2018 | (replaced by ISO 20399:2022)                                                                           |

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# Meeting calendar

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The meeting calendar is available at

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