**ISO Update**

Supplement to *ISOfocus*

**January 2022**

International Standards in process

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| 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. |

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| CD registered | | |
| Period from 01 December 2021 to 01 January 2022 | | |
| These documents are currently under consideration in the technical committee. | | |
| They have been registred at the Central Secretariat. | | |
| TC 20 |  | Aircraft and space vehicles |
| ISO/CD 24245 |  | Space systems — Global Navigation Satellite System (GNSS) receiver class codes |
| ISO/CD 23665 |  | Unmanned aircraft systems — Training for personnel involved in UAS operations |
| TC 21 |  | Equipment for fire protection and fire fighting |
| ISO/CD 7204 |  | Specification for wetting agents for application on Class A fires |
| TC 22 |  | Road vehicles |
| ISO/CD 8714 |  | Electric road vehicles — Reference energy consumption and range — Test procedures for passenger cars and light commercial vehicles |
| TC 27 |  | Coal and coke |
| ISO/CD 4077 |  | Coal preparation plant — Guide to sampling in coal preparation plants |
| TC 29 |  | Small tools |
| ISO/CD 8405 |  | Tools for moulding — Ejector sleeves with cylindrical head — Basic series for general purposes |
| TC 34 |  | Food products |
| ISO/CD 22174 |  | Microbiology of the food chain — Polymerase chain reaction (PCR) for the detection and quantification of microorganisms — General requirements and definitions |
| TC 36 |  | Cinematography |
| ISO/CD 5926 |  | Technical requirements and methods of measurement for digital cinema stereoscopic projection |
| TC 37 |  | Language and terminology |
| ISO/CD 24183 |  | Technical Communication — Vocabulary |
| TC 38 |  | Textiles |
| ISO/CD 5773 |  | Textiles-Determination of components in flax fibres |
| TC 43 |  | Acoustics |
| ISO/CD 3744 |  | Acoustics — Determination of sound power levels of noise sources using sound pressure — Engineering methods for an essentially free field over a reflecting plane |
| ISO/CD 5114-1 |  | Acoustics — Determination of uncertainties associated with sound emission measures — Part 1: Sound power levels determined from sound pressure measurements |
| ISO/CD 26101-2 |  | Acoustics — Test methods for the qualification of the acoustic environment — Part 2: Determination of the environmental correction |
| TC 44 |  | Welding and allied processes |
| ISO/CD 18279 |  | Brazing — Imperfections in brazed joints |
| TC 45 |  | Rubber and rubber products |
| ISO/CD 22638 |  | Rubber — Generation and collection of tyre and road wear particles (TRWP) — Road simulator laboratory method |
| ISO/CD 22640 |  | Rubber — Framework for physical and chemical characterization of tyre and road wear particles (TRWP) |
| TC 60 |  | Gears |
| ISO/CD 21771-2 |  | Cylindrical involute gears and gear pairs — Part 2 — Part 2: Calculation and Measurement of Tooth Thickness and Backlash |
| ISO/DTS 6336-20 |  | Calculation of load capacity of spur and helical gears — Part 20: Calculation of scuffing load capacity — Flash temperature method |
| ISO/DTS 6336-21 |  | Calculation of load capacity of spur and helical gears — Part 21: Calculation of scuffing load capacity — Integral temperature method |
| TC 61 |  | Plastics |
| ISO/CD 23947-2 |  | Plastics — Microscale Combustion Calorimetry/Pyrolysis combustion flow calorimetry — Part 2: Fingerprinting of plastics |
| ISO/CD 171 |  | Plastics — Determination of bulk factor of moulding materials |
| ISO/CD 1675 |  | Plastics — Liquid resins — Determination of density by the pyknometer method |
| ISO/CD 6401 |  | Plastics — Poly(vinyl chloride) — Determination of residual vinyl chloride monomer — Gas-chromatographic method |
| ISO/CD 7059 |  | Caprolactam for industrial use — Determination of absorbance at a wavelength of 290 nm |
| ISO/CD 8112 |  | Caprolactam for industrial use — Determination of colour of 50 % aqueous caprolactam solution, expressed in Hazen units (platinum-cobalt scale) — Spectrometric method |
| ISO/CD 8060 |  | Composites and reinforcements fibres — Carbon fibre reinforced plastics (CFRPs) and metal assemblies — Characterization of durability of adhesive interfaces by wedge rupture test |
| TC 68 |  | Financial services |
| ISO/DTS 23526 |  | Security aspects for digital currencies |
| TC 69 |  | Applications of statistical methods |
| ISO/CD 28037 |  | Determination and use of straight-line calibration functions |
| TC 76 |  | Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use |
| ISO 3826-1:2019/CD Amd 1 |  | Plastics collapsible containers for human blood and blood components — Part 1: Conventional containers — Amendment 1 |
| TC 79 |  | Light metals and their alloys |
| ISO/CD 7209 |  | Titanium and titanium alloys-Plate, sheet and strip-Technical delivery conditions |
| ISO/CD 7217 |  | Titanium and titanium alloys — Bar, rod and billet-Technical delivery conditions |
| TC 85 |  | Nuclear energy, nuclear technologies, and radiological protection |
| ISO/CD 7753 |  | Nuclear energy — Performance and testing requirements for criticality detection and alarm systems |
| ISO/CD 4233 |  | Hot helium leak testing method for high temperature pressure-bearing components in nuclear fusion reactors |
| TC 94 |  | Personal safety -- Personal protective equipment |
| ISO/CD 23762 |  | Protective clothing — Visibility safety clothing for medium and low risk situations — Test methods and requirements |
| TC 102 |  | Iron ore and direct reduced iron |
| ISO/CD 8371 |  | Iron ores for blast furnace feedstocks — Determination of the decrepitation index |
| TC 106 |  | Dentistry |
| ISO/CD 24395.2 |  | Dentistry — Classification of tooth restorations’ |
| TC 107 |  | Metallic and other inorganic coatings |
| ISO/CD 3882 |  | Metallic and other inorganic coatings — Review of methods of measurement of thickness |
| ISO/CD 9717 |  | Metallic and other inorganic coatings — Phosphate conversion coating of metals |
| TC 112 |  | Vacuum technology |
| ISO/CD 21360-5 |  | Vacuum technology — Standard methods for measuring vacuum-pump performance — Part 5: NEG vacuum pumps |
| ISO/CD 21360-6 |  | Vacuum technology — Standard methods for measuring vacuum-pump performance — Part 6: Cryo vacuum pumps |
| TC 123 |  | Plain bearings |
| ISO/CD 7148-1 |  | Plain bearings — Testing of the tribological behaviour of bearing materials — Part 1: Testing of bearing metals |
| ISO/CD 7148-2 |  | Plain bearings — Testing of the tribological behaviour of bearing materials — Part 2: Testing of polymer-based bearing materials |
| ISO/CD 8838 |  | Plain bearings — Water-lubricated plain bearing materials |
| TC 132 |  | Ferroalloys |
| ISO/CD 5451.2 |  | Ferrovanadium — Specification and conditions of delivery |
| TC 138 |  | Plastics pipes, fittings and valves for the transport of fluids |
| ISO/CD 16422-1 |  | Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure — Part 1: General |
| ISO/CD 16422-2 |  | Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure — Part 2: Pipes |
| ISO/CD 16422-5 |  | Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure — Part 5: Fitness for purpose of the system |
| ISO/DTS 10839.2 |  | Polyethylene pipes and fittings for the supply of gaseous fuels — Code of practice for design, handling and installation |
| TC 145 |  | Graphical symbols |
| ISO/CD 28564-4 |  | Public information guidance systems — Design principles and requirements for elements — Part 4: Guidelines for installation and assessment |
| TC 150 |  | Implants for surgery |
| ISO/CD 23500-1 |  | Preparation and quality management of fluids for haemodialysis and related therapies — Part 1: General requirements |
| ISO/CD 23500-2 |  | Preparation and quality management of fluids for haemodialysis and related therapies — Part 2: Water treatment equipment for haemodialysis applications and related therapies |
| ISO/CD 23500-3 |  | Preparation and quality management of fluids for haemodialysis and related therapies — Part 3: Water for haemodialysis and related therapies |
| ISO/CD 23500-4 |  | Preparation and quality management of fluids for haemodialysis and related therapies — Part 4: Concentrates for haemodialysis and related therapies |
| ISO/CD 23500-5 |  | Preparation and quality management of fluids for haemodialysis and related therapies — Part 5: Quality of dialysis fluid for haemodialysis and related therapies |
| TC 156 |  | Corrosion of metals and alloys |
| ISO/CD 21207 |  | Corrosion tests in artificial atmospheres — Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying |
| TC 159 |  | Ergonomics |
| ISO/CD 15535 |  | General requirements for establishing anthropometric databases |
| ISO/CD TR 9241-100 |  | Ergonomics of human-system interaction — Part 100: Introduction to standards related to software ergonomics |
| TC 164 |  | Mechanical testing of metals |
| ISO/CD 6508-1 |  | Metallic materials — Rockwell hardness test — Part 1: Test method |
| TC 172 |  | Optics and photonics |
| ISO/CD 10109 |  | Optics and photonics — Guidance for the selection of environmental tests |
| ISO/CD TR 14997-2 |  | Optics and photonics — Test methods for surface imperfections of optical elements — Part 2: Machine vision |
| ISO/CD 8424 |  | Raw optical glass — Resistance to attack by aqueous acidic solutions — Test method and classification |
| TC 180 |  | Solar energy |
| ISO/CD 22975-4 |  | Solar energy — Collector components and materials — Part 4: Part 4: Glazing material durability and performance |
| TC 184 |  | Automation systems and integration |
| ISO/CD 10303-2 |  | Industrial automation systems and integration — Product data representation and exchange — Part 2: STEP Vocabulary |
| TC 195 |  | Building construction machinery and equipment |
| ISO/CD 19711-2 |  | Building construction machinery and equipment — Truck mixers — Part 2: Safety requirements |
| TC 202 |  | Microbeam analysis |
| ISO/CD 14594 |  | Microbeam analysis — Electron probe microanalysis — Guidelines for the determination of experimental parameters for wavelength dispersive spectroscopy |
| ISO/CD 14595 |  | Microbeam analysis — Electron probe microanalysis — Guidelines for the specification of certified reference materials (CRMs) |
| TC 204 |  | Intelligent transport systems |
| ISO/DTS 5206-1 |  | Intelligent transport systems — Parking — Part 1: Core data model |
| TC 209 |  | Cleanrooms and associated controlled environments |
| ISO/CD 14644-18 |  | Cleanrooms and associated controlled environments — Part 18: Assessment of suitability of consumables |
| TC 213 |  | Dimensional and geometrical product specifications and verification |
| ISO 5459:2011/CD Amd 1 |  | Geometrical product specifications (GPS) — Geometrical tolerancing — Datums and datum systems — Amendment 1 |
| ISO/CD 18183-1 |  | Geometrical product specifications (GPS) — Partitioning — Part 1: Basic concepts |
| ISO/CD 18183-2 |  | Geometrical product specifications (GPS) — Partitioning — Part 2: Nominal model |
| ISO/CD 18183-3 |  | Geometrical product specifications (GPS) — Partitioning — Part 3: Methods used for specification and verification |
| TC 221 |  | Geosynthetics |
| ISO/DTR 18228-6 |  | Design using geosynthetics — Part 6: Protection |
| TC 229 |  | Nanotechnologies |
| ISO/DTS 23367-1 |  | Nanotechnologies — Performance characteristics of nanosensors for chemical and biomolecule detection — Part 1: Detection performance |
| TC 249 |  | Traditional Chinese medicine |
| ISO/CD 5228 |  | Traditional Chinese Medicine —Rheum palmatum, Rheum tanguticum, and Rheum officinale root and rhizome |
| ISO/CD 7177 |  | Traditional Chinese Medicine —Coptis chinensis and Coptis japonica rhizome |
| ISO/CD 7450 |  | Traditional Chinese Medicine —Pinellia ternata tuber |
| ISO/CD 22587 |  | Traditional Chinese Medicine — Acupoint magnetotherapy plaster for single-use |
| TC 255 |  | Biogas |
| ISO/DTR 23585 |  | Safety and Environment Guidelines for Biogas |
| TC 260 |  | Human resource management |
| ISO/CD 30405.2 |  | Human resource management — Guidelines on recruitment |
| TC 266 |  | Biomimetics |
| ISO/DTR 23846 |  | Biomimetics — Image search engine |
| ISO/DTR 23847 |  | Biomimetics — Integrating problem and function-oriented approaches applying TRIZ |
| TC 281 |  | Fine bubble technology |
| ISO/CD 20304-2 |  | Fine bubble technology — Water treatment applications — Part 2: Test methods using a test micro-organism: Escherichia coli |
| TC 282 |  | Water reuse |
| ISO/CD 16075-6 |  | Guidelines for treated water use for irrigation projects — Part 6: Fertilization |
| TC 292 |  | Security and resilience |
| ISO/CD 22393 |  | Security and resilience — Community resilience — Guidelines for planning recovery and renewal |
| TC 299 |  | Robotics |
| ISO/CD 5363 |  | Robotics — Test methods for Exoskeleton-type Walking RACA Robot |
| TC 307 |  | Blockchain and distributed ledger technologies |
| ISO/CD 22739 |  | Blockchain and distributed ledger technologies — Vocabulary |
| TC 321 |  | Transaction assurance in E-commerce |
| ISO/CD 32111.2 |  | Transaction assurance in E-commerce — Principles and Framework |
| TC 334 |  | Reference materials |
| ISO/CD 33407 |  | Guidance for the production of pure organic certified reference materials |
| JTC 1 |  | Information technology |
| ISO/IEC DTS 5723 |  | Systems Engineering — Trustworthiness Vocabulary |
| ISO/IEC CD 5021-1 |  | Telecommunications and information exchange between systems — Wireless LAN Access Control — Part 1: Networking architecture specification |
| ISO/IEC CD 5021-2 |  | Telecommunications and information exchange between systems — Wireless LAN Access Control — Part 2: Technical specification for dispatching platform |
| ISO/IEC CD 33202 |  | Software and systems engineering — Core Agile practices |
| ISO/IEC CD 3721-2 |  | Information model for mixed and augmented reality: — Part 2: Augmentation Style Specification' |
| ISO/IEC CD 27032.3 |  | Information Technology — Cybersecurity — Guidelines for Internet Security |
| ISO/IEC CD 27554 |  | Application of ISO 31000 for assessment of identity-related risk |
| ISO/IEC CD 15426-2 |  | Information technology — Automatic identification and data capture techniques — Bar code verifier conformance specification — Part 2: Two-dimensional symbols |
| ISO/IEC CD 18004 |  | Information technology — Automatic identification and data capture techniques — QR Code bar code symbology specification |
| ISO/IEC CD 19788-1 |  | Information technology — Learning, education and training — Metadata for learning resources — Part 1: Framework |
| ISO/IEC CD 5140 |  | Information technology — Cloud computing — Concepts for multi-cloud and other interoperation of multiple cloud services |
| ISO/IEC CD 38500 |  | Information technology — Governance of IT for the organization |
| ISO/IEC CD 5338 |  | Information technology — Artificial intelligence — AI system life cycle processes |

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| DIS circulated | | | |
| Period from 01 December 2021 to 01 January 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 4 |  | Rolling bearings |  |
| ISO/DIS 8443 |  | Rolling bearings — Radial ball bearings with flanged outer ring — Flange dimensions | 2022-02-24 |
|  |  | (Revision of ISO 8443:2010) |  |
| TC 8 |  | Ships and marine technology |  |
| ISO/DIS 18813 |  | Ships and marine technology — Survival equipment for survival craft and rescue boats | 2022-03-01 |
|  |  | (Revision of ISO 18813:2006) |  |
| ISO/DIS 23120 |  | Ships and marine technology — Graphical symbols for computer-based incident response systems | 2022-03-08 |
| ISO/DIS 22822 |  | Large Yachts — Quality assessment and acceptance criteria — Dynamic positioning on large yachts | 2022-03-17 |
| TC 20 |  | Aircraft and space vehicles |  |
| ISO/DIS 24564 |  | Space systems — Adhesives — General requirements | 2022-03-04 |
| TC 22 |  | Road vehicles |  |
| ISO/DIS 34501 |  | Road vehicles — Terms and definitions of test scenarios for automated driving systems | 2022-02-28 |
| ISO/DIS 34502 |  | Road vehicles — Scenario-based safety evaluation framework for Automated Driving Systems | 2022-03-02 |
| ISO/DIS 6626-1 |  | Internal combustion engines — Piston rings — Part 1: Coil spring loaded oil control rings made of cast iron | 2022-03-10 |
|  |  | (Revision of ISO 6626:1989) |  |
| ISO/DIS 6549 |  | Road vehicles — Procedure for H- and R-point determination | 2022-03-14 |
| ISO/DIS 1726-3 |  | Road vehicles — Mechanical couplings between tractors and semi-trailers — Part 3: Requirements for semi-trailer contact area to fifth wheel | 2022-03-18 |
|  |  | (Revision of ISO 1726-3:2010) |  |
| TC 23 |  | Tractors and machinery for agriculture and forestry |  |
| ISO/DIS 5676 |  | Tractors and machinery for agriculture and forestry — Hydraulic coupling — Braking circuit | 2022-03-08 |
|  |  | (Revision of ISO 5676:1983) |  |
| ISO/DIS 5231 |  | Extended Farm Management Information Systems Data Interface (EFDI) | 2022-03-02 |
| ISO/DIS 23316-1 |  | Tractors and machinery for agriculture and forestry — Electrical high-power interface 700 V DC / 480 V AC — Part 1: General | 2022-03-18 |
| TC 30 |  | Measurement of fluid flow in closed conduits |  |
| ISO/DIS 5167-5 |  | Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 5: Cone meters | 2022-03-07 |
|  |  | (Revision of ISO 5167-5:2016) |  |
| ISO/DIS 5167-6 |  | Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 6: Wedge meters | 2022-03-07 |
|  |  | (Revision of ISO 5167-6:2019) |  |
| TC 31 |  | Tyres, rims and valves |  |
| ISO/DIS 3739-1 |  | Industrial tyres and rims — Part 1: Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims — Designation, dimensions and marking | 2022-03-23 |
|  |  | (Revision of ISO 3739-1:2007) |  |
| TC 35 |  | Paints and varnishes |  |
| ISO/DIS 4628-5 |  | Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 5: Assessment of degree of flaking | 2022-02-28 |
|  |  | (Revision of ISO 4628-5:2016) |  |
| ISO/DIS 7784-3 |  | Paints and varnishes — Determination of resistance to abrasion — Part 3: Method with abrasive-paper covered wheel and linearly reciprocating test specimen | 2022-02-28 |
|  |  | (Revision of ISO 7784-3:2016) |  |
| ISO/DIS 11128 |  | Specifications for blast cleaning abrasives — Recyclable encapsulated abrasive media | 2022-03-25 |
| TC 37 |  | Language and terminology |  |
| ISO/DIS 26162-3 |  | Management of terminology resources — Terminology databases — Part 3: Content | 2022-03-24 |
| TC 38 |  | Textiles |  |
| ISO/DIS 4484-3 |  | Textiles and textile products — Microplastics from textile sources — Part 3: Measurement of collected material mass released from textile end products by domestic washing method | 2022-03-18 |
| ISO/DIS 3758 |  | Textiles — Care labelling code using symbols | 2022-03-14 |
|  |  | (Revision of ISO 3758:2012) |  |
| ISO/DIS 9867 |  | Textiles — Evaluation of the wrinkle recovery of fabrics — Appearance method | 2022-03-23 |
|  |  | (Revision of ISO 9867:2009) |  |
| TC 43 |  | Acoustics |  |
| ISO/DIS 11819-1 |  | Acoustics — Measurement of the influence of road surfaces on traffic noise — Part 1: Statistical Pass-By method | 2022-03-08 |
|  |  | (Revision of ISO 11819-1:1997, ISO/PAS 11819-4:2013) |  |
| TC 44 |  | Welding and allied processes |  |
| ISO/DIS 10447 |  | Resistance welding — Testing of welds — Peel and chisel testing of resistance spot and projection welds | 2022-03-09 |
|  |  | (Revision of ISO 10447:2015) |  |
| TC 61 |  | Plastics |  |
| ISO/DIS 5623 |  | Plastics — Joining of thermoplastic moulded components — Specification for quality levels for imperfections | 2022-03-04 |
| ISO/DIS 11359-1 |  | Plastics — Thermomechanical analysis (TMA) — Part 1: General principles | 2022-03-18 |
|  |  | (Revision of ISO 11359-1:2014) |  |
| ISO/DIS 20819-2 |  | Plastics — Wood-plastic recycled composites (WPRC) — Part 2: Test methods | 2022-03-18 |
| ISO/DIS 24187 |  | Principles for the analysis of plastics and microplastics present in the environment | 2022-03-02 |
| TC 67 |  | Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries |  |
| ISO/DIS 12736-1 |  | Petroleum and natural gas industries — Wet thermal insulation systems for pipelines and subsea equipment — Part 1: Validation of materials and insulation systems | 2022-03-11 |
|  |  | (Revision of ISO 12736:2014) |  |
| ISO/DIS 12736-2 |  | Petroleum and natural gas industries — Wet thermal insulation systems for pipelines and subsea equipment — Part 2: Qualification processes for production and application procedures | 2022-03-14 |
|  |  | (Revision of ISO 12736:2014) |  |
| ISO/DIS 12736-3 |  | Petroleum and natural gas industries — Wet thermal insulation systems for pipelines and subsea equipment — Part 3: Interfaces between systems, field joint system, field repairs and prefabricated insulation | 2022-03-14 |
|  |  | (Revision of ISO 12736:2014) |  |
| ISO/DIS 24139-2 |  | Petroleum and natural gas industries — Corrosion resistant alloy clad bends and fittings for pipeline transportation system — Part 2: Clad fittings | 2022-03-22 |
| ISO/DIS 13704 |  | Petroleum, petrochemical and natural gas industries — Calculation of heater-tube thickness in petroleum refineries | 2022-03-07 |
|  |  | (Revision of ISO 13704:2007/Cor 1:2008, ISO 13704:2007) |  |
| ISO/DIS 19901-8 |  | Petroleum and natural gas industries — Specific requirements for offshore structures — Part 8: Marine soil investigations | 2022-03-10 |
|  |  | (Revision of ISO 19901-8:2014) |  |
| TC 68 |  | Financial services |  |
| ISO/DIS 18245 |  | Retail financial services — Merchant category codes | 2022-03-10 |
|  |  | (Revision of ISO 18245:2003) |  |
| TC 76 |  | Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use |  |
| ISO/DIS 24072 |  | Aerosol bacterial retention test method for air-inlet on administration devices | 2022-03-18 |
| TC 82 |  | Mining |  |
| ISO/DIS 22932-3 |  | Mining – Vocabulary — Part 3: Rock mechanics | 2022-03-03 |
| ISO/DIS 22932-4 |  | Mining — Vocabulary — Part 4: Prospecting and exploration | 2022-03-03 |
| ISO/DIS 22932-5 |  | Mining — Vocabulary — Part 5: Drilling and blasting | 2022-03-03 |
| TC 85 |  | Nuclear energy, nuclear technologies, and radiological protection |  |
| ISO/ASTM DIS 51940 |  | Guidance for dosimetry for sterile insects release programs | 2022-02-25 |
|  |  | (Revision of ISO/ASTM 51940:2013) |  |
| TC 86 |  | Refrigeration and air-conditioning |  |
| ISO/DIS 23953-1 |  | Refrigerated display cabinets — Part 1: Vocabulary | 2022-03-23 |
|  |  | (Revision of ISO 23953-1:2015) |  |
| ISO/DIS 23953-2 |  | Refrigerated display cabinets — Part 2: Classification, requirements and test conditions | 2022-03-23 |
|  |  | (Revision of ISO 23953-2:2015) |  |
| TC 92 |  | Fire safety |  |
| ISO/DIS 24678-2 |  | Fire safety engineering — Requirements governing algebraic equations — Part 2: Fire plume | 2022-03-03 |
|  |  | (Revision of ISO 16734:2006) |  |
| ISO/DIS 24678-3 |  | Fire safety engineering — Requirements governing algebraic equations — Part 3: Ceiling jet flows | 2022-03-03 |
|  |  | (Revision of ISO 16736:2006) |  |
| TC 96 |  | Cranes |  |
| ISO/DIS 23778 |  | Proof of competence of hydraulic cylinders in crane applications | 2022-03-08 |
| TC 102 |  | Iron ore and direct reduced iron |  |
| ISO/DIS 21826-1 |  | Iron ores — Determination of total iron content — EDTA photometric titration method — Part 1: Microwave digestion method | 2022-03-14 |
|  |  | (Revision of ISO/TS 21826:2020) |  |
| TC 106 |  | Dentistry |  |
| ISO/DIS 3630-6 |  | Dentistry — Endodontic instruments — Part 6: Numeric coding system | 2022-03-10 |
| ISO/DIS 5467-2 |  | Dentistry — Mobile dental units and dental patient chairs — Part 2: Air, water, suction and wastewater systems | 2022-02-23 |
| ISO/DIS 23298 |  | Dentistry — Test methods for machining accuracy of computer-aided milling machines | 2022-03-04 |
| TC 107 |  | Metallic and other inorganic coatings |  |
| ISO/DIS 4530 |  | Vitreous and porcelain enamelled manufactured articles — Determination of resistance to heat | 2022-03-22 |
|  |  | (Revision of ISO 4530:1983) |  |
| TC 119 |  | Powder metallurgy |  |
| ISO/DIS 5842 |  | Powder metallurgy — Hot isostatic pressing — Argon detection using gas chromatography and mass spectrometry techniques | 2022-03-03 |
| TC 133 |  | Clothing sizing systems - size designation, size measurement methods and digital fittings |  |
| ISO/DIS 8559-4 |  | Size designation of clothes — Part 4: Determination of the coverage ratios of body measurement tables | 2022-03-21 |
| TC 136 |  | Furniture |  |
| ISO/DIS 4769 |  | Hardware for furniture — Strength and durability of hinges and their components — Hinges pivoting on a vertical axis | 2022-03-08 |
| TC 137 |  | Footwear sizing designations and marking systems |  |
| ISO/DIS 19409 |  | Footwear — Sizing — Measurement of last dimensions | 2022-03-01 |
| ISO/DIS 19410-1 |  | Footwear sizing — In-shoe measurement — Part 1: Shoe length | 2022-03-01 |
| TC 145 |  | Graphical symbols |  |
| ISO 7010:2019/DAmd 128 |  | Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 128: Safety sign E065 : Natural disaster outdoor refuge area | 2022-03-04 |
| ISO 7010:2019/DAmd 129 |  | Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 129: Safety sign E070 : Evacuation lift for people unable to use stairs | 2022-03-04 |
| ISO 7010:2019/DAmd 130 |  | Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 130: Safety sign M060: Hold the trolley handle | 2022-03-04 |
| ISO 7010:2019/DAmd 131 |  | Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 131: Safety sign P073 : Do not shut lid when burners are operating | 2022-03-04 |
| TC 146 |  | Air quality |  |
| ISO/DIS 16000-42 |  | Indoor air — Part 42: Measurement of the particle number concentration by Condensation Particle Counters | 2022-03-08 |
| TC 156 |  | Corrosion of metals and alloys |  |
| ISO/DIS 9227 |  | Corrosion tests in artificial atmospheres — Salt spray tests | 2022-03-23 |
|  |  | (Revision of ISO 9227:2017) |  |
| TC 163 |  | Thermal performance and energy use in the built environment |  |
| ISO/DIS 9288 |  | Thermal insulation — Heat transfer by radiation — Physical quantities and definitions | 2022-02-24 |
|  |  | (Revision of ISO 9288:1989) |  |
| TC 168 |  | Prosthetics and orthotics |  |
| ISO/DIS 22675 |  | Prosthetics — Testing of ankle-foot devices and foot units — Requirements and test methods | 2022-03-17 |
|  |  | (Revision of ISO 22675:2016) |  |
| TC 172 |  | Optics and photonics |  |
| ISO/DIS 10943 |  | Ophthalmic instruments — Indirect ophthalmoscopes | 2022-03-23 |
|  |  | (Revision of ISO 10943:2011) |  |
| TC 173 |  | Assistive products |  |
| ISO/DIS 21801-2 |  | Cognitive accessibility — Part 2: Reporting | 2022-03-07 |
| TC 190 |  | Soil quality |  |
| ISO/DIS 23265 |  | Soil quality — Test for estimating organic matter decomposition in contaminated soil | 2022-03-11 |
| ISO/DIS 18400-301 |  | Soil quality — Sampling — Part 301: Sampling- and on site semi-quantitative determinations of volatiles in field investigations | 2022-03-02 |
| TC 198 |  | Sterilization of health care products |  |
| ISO/DIS 13408-1 |  | Aseptic processing of health care products — Part 1: General requirements | 2022-03-10 |
|  |  | (Revision of ISO 13408-1:2008, ISO 13408-1:2008/Amd 1:2013) |  |
| TC 204 |  | Intelligent transport systems |  |
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|  |  | (Revision of ISO 14827-2:2005) |  |
| TC 211 |  | Geographic information/Geomatics |  |
| ISO/DIS 19123-3 |  | Geographic information — Schema for coverage geometry and functions — Part 3: Processing fundamentals | 2022-03-10 |
| TC 234 |  | Fisheries and aquaculture |  |
| ISO/DIS 5020 |  | Waste reduction and treatment on fishing vessels | 2022-03-02 |
| TC 254 |  | Safety of amusement rides and amusement devices |  |
| ISO/DIS 17842-1 |  | Safety of amusement rides and amusement devices — Part 1: Design and manufacture | 2022-03-24 |
|  |  | (Revision of ISO 17842-1:2015) |  |
| TC 261 |  | Additive manufacturing |  |
| ISO/ASTM DIS 52902 |  | Additive manufacturing — Test artifacts — Geometric capability assessment of additive manufacturing systems | 2022-03-07 |
|  |  | (Revision of ISO/ASTM 52902:2019) |  |
| ISO/ASTM DIS 52909 |  | Additive manufacturing — Finished part properties — Orientation and location dependence of mechanical properties for metal powder bed fusion | 2022-03-15 |
| ISO/ASTM DIS 52911-3 |  | Additive Manufacturing — Design — Part 3: Electron beam powder bed fusion of metals | 2022-03-07 |
| TC 263 |  | Coalbed methane (CBM) |  |
| ISO/DIS 23604 |  | Method of determining specific surface area of coal | 2022-03-07 |
| TC 269 |  | Railway applications |  |
| ISO/DIS 24675 |  | Railway Applications — Running time calculation for timetabling — Requirements | 2022-02-24 |
| IULTCS |  | International Union of Leather Technologists and Chemists Societies |  |
| ISO/DIS 11644 |  | Leather — Test for adhesion of finish | 2022-02-24 |
|  |  | (Revision of ISO 11644:2009) |  |
| JTC 1 |  | Information technology |  |
| ISO/IEC DIS 12113 |  | Information technology — Runtime 3D asset delivery format — Khronos glTF 2.0 | 2022-03-24 |
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|  |  | (Revision of ISO/IEC 30115:2018) |  |
| ISO/IEC/IEEE DIS 24641 |  | Systems and Software engineering — Methods and tools for model-based systems and software engineering | 2022-03-18 |
| ISO/IEC DIS 26563 |  | Software and systems engineering — Methods and tools for product line configuration management | 2022-03-18 |
| ISO/IEC DIS 26564 |  | Software and systems engineering — Methods and tools for product line measurement | 2022-03-03 |
| ISO/IEC DIS 18047-63 |  | Information technology — Radio frequency identification device conformance test methods — Part 63: Test methods for air interface communications at 860 MHz to 960 MHz | 2022-03-01 |
| ISO/IEC DIS 19823-11 |  | Information technology — Conformance test methods for security service crypto suites — Part 11: Crypto suite PRESENT-80 | 2022-03-25 |
| ISO/IEC DIS 29167-11 |  | Information technology — Automatic identification and data capture techniques — Part 11: Crypto suite PRESENT-80 security services for air interface communications | 2022-03-22 |
|  |  | (Revision of ISO/IEC 29167-11:2014) |  |

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| These Final draft International Standards have been submitted to the ISO member bodies for formal approval by the date shown | | | |
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|  |  |  | Vote terminates |
| PC 311 |  | Vulnerable consumers |  |
| ISO/FDIS 22458 |  | Consumer vulnerability – Requirements and guidelines for the design and delivery of inclusive service | 2022-02-21 |
| TC 5 |  | Ferrous metal pipes and metallic fittings |  |
| ISO/FDIS 23991 |  | Irrigation applications of ductile iron pipelines — Product design and installation | 2022-02-24 |
| TC 6 |  | Paper, board and pulps |  |
| ISO/FDIS 8784-3 |  | Pulp, paper and board — Microbiological examination — Part 3: Enumeration of yeast and mould based on disintegration | 2022-02-14 |
| TC 8 |  | Ships and marine technology |  |
| ISO/FDIS 799-3 |  | Ships and marine technology — Pilot ladders — Part 3: Attachments and associated equipment | 2022-02-23 |
| ISO/FDIS 23575 |  | Ships and marine technology — Marine securing devices for ro-ro cargoes | 2022-01-28 |
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|  |  | (Revision of ISO 11606:2000, ISO 11606:2000/Cor 1:2005) |  |
| ISO/PRF 20672 |  | Ships and marine technology — Rate of turn indicators |  |
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| ISO/PRF 22555 |  | Ships and marine technology — Propeller pitch indicators |  |
|  |  | (Revision of ISO 22555:2007) |  |
| ISO/FDIS 22834 |  | Large yachts — Quality assessment of life onboard — Stabilization/sea keeping | 2022-02-08 |
| TC 10 |  | Technical product documentation |  |
| IEC/FDIS 81346-1 |  | Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 1: Basic rules | 2022-02-15 |
|  |  | (Revision of IEC 81346-1:2009) |  |
| TC 17 |  | Steel |  |
| ISO/FDIS 4968 |  | Steel — Macrographic examination by sulfur print (Baumann method) | 2022-02-14 |
|  |  | (Revision of ISO 4968:1979) |  |
| TC 20 |  | Aircraft and space vehicles |  |
| ISO/FDIS 14222 |  | Space environment (natural and artificial) — Earth's atmosphere from ground level upward | 2022-02-16 |
|  |  | (Revision of ISO 14222:2013) |  |
| ISO/FDIS 22893 |  | Space systems — Software product assurance (SPA) | 2022-02-07 |
| TC 22 |  | Road vehicles |  |
| ISO/PRF 16844-1 |  | Road vehicles — Tachograph systems — Part 1: Electromechanical components |  |
|  |  | (Revision of ISO 16844-1:2013) |  |
| ISO/PRF 16844-4 |  | Road vehicles — Tachograph systems — Part 4: Display unit communication interface |  |
|  |  | (Revision of ISO 16844-4:2015) |  |
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|  |  | (Revision of ISO 26021-1:2008) |  |
| ISO/FDIS 7141 |  | Road vehicles — Light alloy wheels — Lateral impact test | 2022-02-15 |
|  |  | (Revision of ISO 7141:2005) |  |
| ISO/PRF 6627 |  | Internal combustion engines — Piston rings — Expander/segment oil-control rings |  |
|  |  | (Revision of ISO 6627:2011) |  |
| ISO/PRF 17840-1 |  | Road vehicles — Information for first and second responders — Part 1: Rescue sheet for passenger cars and light commercial vehicles |  |
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| TC 24 |  | Particle characterization including sieving |  |
| ISO/FDIS 20804 |  | Determination of the specific surface area of porous and particulate systems by small-angle X-ray scattering (SAXS) | 2022-02-07 |
| TC 27 |  | Coal and coke |  |
| ISO/FDIS 18283 |  | Coal and coke — Manual sampling | 2022-01-28 |
|  |  | (Revision of ISO 18283:2006, ISO 18283:2006/Cor 1:2009) |  |
| TC 34 |  | Food products |  |
| ISO/FDIS 22942-1 |  | Molecular biomarker analysis — Isothermal polymerase chain reaction (isoPCR) methods — Part 1: General requirements | 2022-02-18 |
| TC 44 |  | Welding and allied processes |  |
| ISO/FDIS 4136 |  | Destructive tests on welds in metallic materials — Transverse tensile test | 2022-02-15 |
|  |  | (Revision of ISO 4136:2012) |  |
| ISO 17639 |  | Destructive tests on welds in metallic materials — Macroscopic and microscopic examination of welds |  |
|  |  | (Revision of ISO 17639:2003) |  |
| TC 45 |  | Rubber and rubber products |  |
| ISO/FDIS 4671 |  | Rubber and plastics hoses and hose assemblies — Methods of measurement of the dimensions of hoses and the lengths of hose assemblies | 2022-01-28 |
|  |  | (Revision of ISO 4671:2007/Amd 1:2011, ISO 4671:2007) |  |
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|  |  | (Revision of ISO 18752:2014) |  |
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|  |  | (Revision of ISO 2782-1:2016) |  |
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|  |  | (Revision of ISO 6101-3:2014) |  |
| ISO/FDIS 6101-4 |  | Rubber — Determination of metal content by atomic absorption spectrometry — Part 4: Determination of manganese content | 2022-02-25 |
|  |  | (Revision of ISO 6101-4:2014) |  |
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|  |  | (Revision of ISO 1658:2015) |  |
| ISO/FDIS 24376 |  | Rubber, raw natural — Guidelines and requirements for technically specified low-protein natural rubber | 2022-02-15 |
| TC 52 |  | Light gauge metal containers |  |
| ISO/PRF TS 21985 |  | Light gauge metal containers — Non-refillable LPG cartridges — General requirements |  |
| TC 54 |  | Essential oils |  |
| ISO/FDIS 3520 |  | Essential oil of bergamot [Citrus bergamia Risso &amp; Poit], Calabrian type | 2022-01-31 |
|  |  | (Revision of ISO 3520:1998) |  |
| TC 58 |  | Gas cylinders |  |
| ISO/FDIS 22434 |  | Gas cylinders — Inspection and maintenance of valves | 2022-02-03 |
|  |  | (Revision of ISO 22434:2006) |  |
| TC 59 |  | Buildings and civil engineering works |  |
| ISO/FDIS 4781 |  | Building and civil engineering sealants — Determination of application life | 2022-02-18 |
| ISO 4784 |  | Building and civil engineering sealants — Determination of surface cure time |  |
| ISO 11617 |  | Building and civil engineering sealants — Determination of changes in cohesion and appearance of elastic weatherproofing sealants after exposure of statically cured specimens to artificial weathering and mechanical cycling |  |
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| ISO/FDIS 22057 |  | Sustainability in buildings and civil engineering works – Data templates for the use of environmental product declarations (EPDs) for construction products in building information modelling (BIM) | 2022-01-31 |
| TC 61 |  | Plastics |  |
| ISO/FDIS 11357-7 |  | Plastics — Differential scanning calorimetry (DSC) — Part 7: Determination of crystallization kinetics | 2022-01-26 |
|  |  | (Revision of ISO 11357-7:2015) |  |
| ISO 1888 |  | Textile glass — Staple fibres or filaments — Determination of average diameter |  |
|  |  | (Revision of ISO 1888:2006) |  |
| TC 67 |  | Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries |  |
| ISO/FDIS 15590-3 |  | Petroleum and natural gas industries — Factory bends, fittings and flanges for pipeline transportation systems — Part 3: Flanges | 2022-01-28 |
|  |  | (Revision of ISO 15590-3:2004) |  |
| ISO/FDIS 13503-3 |  | Petroleum and natural gas industries — Completion fluids and materials — Part 3: Testing of heavy brines | 2022-02-16 |
|  |  | (Revision of ISO 13503-3:2005) |  |
| ISO/PRF TS 12835 |  | Qualification of casing connections for thermal wells |  |
|  |  | (Revision of ISO/PAS 12835:2013) |  |
| TC 68 |  | Financial services |  |
| ISO/FDIS 9362 |  | Banking — Banking telecommunication messages — Business identifier code (BIC) | 2022-02-25 |
|  |  | (Revision of ISO 9362:2014) |  |
| ISO/PRF 3531-1 |  | Financial services — Financial information eXchange session layer — Part 1: FIX tagvalue encoding |  |
| ISO/PRF 3531-3 |  | Financial services — Financial information eXchange session layer — Part 3: FIX session layer test cases |  |
| TC 69 |  | Applications of statistical methods |  |
| ISO/PRF TR 11462-4 |  | Guidelines for implementation of statistical process control (SPC) — Part 4: Reference data sets for measurement process analysis software validation |  |
| TC 83 |  | Sports and other recreational facilities and equipment |  |
| ISO 24667 |  | Sports and recreational facilities — Impact surfacing testing device |  |
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| TC 92 |  | Fire safety |  |
| ISO/FDIS 12863 |  | Standard test method for assessing the ignition propensity of cigarettes | 2022-02-18 |
|  |  | (Revision of ISO 12863:2010, ISO 12863:2010/Cor 1:2011, ISO 12863:2010/Amd 1:2016) |  |
| TC 104 |  | Freight containers |  |
| ISO/FDIS 6346 |  | Freight containers — Coding, identification and marking | 2022-01-31 |
|  |  | (Revision of ISO 6346:1995/Amd 3:2012, ISO 6346:1995) |  |
| TC 108 |  | Mechanical vibration, shock and condition monitoring |  |
| ISO/PRF TR 10687 |  | Mechanical vibration— Description and determination of seated postures with reference to whole-body vibration |  |
|  |  | (Revision of ISO/TR 10687:2012) |  |
| TC 113 |  | Hydrometry |  |
| ISO/FDIS 4373 |  | Hydrometry — Water level measuring devices | 2022-01-27 |
|  |  | (Revision of ISO 4373:2008) |  |
| TC 121 |  | Anaesthetic and respiratory equipment |  |
| ISO/FDIS 80601-2-13 |  | Medical electrical equipment — Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation | 2022-02-04 |
|  |  | (Revision of ISO 80601-2-13:2011, ISO 80601-2-13:2011/Amd 1:2015, ISO 80601-2-13:2011/Amd 2:2018) |  |
| ISO/FDIS 23371 |  | Anaesthetic and respiratory equipment — Cuff pressure indication, control and regulation devices | 2022-02-07 |
| TC 123 |  | Plain bearings |  |
| ISO/FDIS 22507 |  | Plain bearings — Fluid film bearing materials for vehicular turbocharger | 2022-02-25 |
|  |  | (Revision of ISO 22507:2018) |  |
| TC 134 |  | Fertilizers, soil conditioners and beneficial substances |  |
| ISO/FDIS 7851 |  | Fertilizers, soil conditioners and beneficial substances — Classification | 2022-02-23 |
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| TC 138 |  | Plastics pipes, fittings and valves for the transport of fluids |  |
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| TC 142 |  | Cleaning equipment for air and other gases |  |
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| TC 146 |  | Air quality |  |
| ISO/FDIS 23320 |  | Workplace air — Gases and vapours — Requirements for evaluation of measuring procedures using diffusive samplers | 2022-01-26 |
| ISO/FDIS 23032 |  | Meteorology — Ground-based remote sensing of wind — Radar wind profiler | 2022-02-07 |
| ISO/FDIS 23435 |  | Air quality — Test methods for snow depth sensors | 2022-01-26 |
| TC 149 |  | Cycles |  |
| ISO/PRF 8562 |  | Cycles — Stem wedge angle |  |
|  |  | (Revision of ISO 8562:1990) |  |
| TC 150 |  | Implants for surgery |  |
| ISO/FDIS 5832-5 |  | Implants for surgery — Metallic materials — Part 5: Wrought cobalt-chromium-tungsten-nickel | 2022-02-01 |
|  |  | (Revision of ISO 5832-5:2005) |  |
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| TC 156 |  | Corrosion of metals and alloys |  |
| ISO/FDIS 23721 |  | Corrosion of metals and alloys — Rating method by appearance of rust and stains of atmospheric corrosion for stainless steels | 2022-02-07 |
| TC 160 |  | Glass in building |  |
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| TC 164 |  | Mechanical testing of metals |  |
| ISO/FDIS 16808 |  | Metallic materials — Sheet and strip — Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems | 2022-03-08 |
|  |  | (Revision of ISO 16808:2014) |  |
| TC 172 |  | Optics and photonics |  |
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|  |  | (Revision of ISO 9211-4:2012) |  |
| TC 173 |  | Assistive products |  |
| ISO/FDIS 7176-19 |  | Wheelchairs — Part 19: Wheelchairs for use as seats in motor vehicles | 2022-02-02 |
|  |  | (Revision of ISO 7176-19:2008, ISO 7176-19:2008/Amd 1:2015) |  |
| ISO/FDIS 9999 |  | Assistive products — Classification and terminology | 2022-02-08 |
|  |  | (Revision of ISO 9999:2016) |  |
| TC 184 |  | Automation systems and integration |  |
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| TC 188 |  | Small craft |  |
| ISO/FDIS 8848 |  | Small craft — Remote mechanical steering systems | 2022-03-10 |
|  |  | (Revision of ISO 8848:2020) |  |
| TC 189 |  | Ceramic tile |  |
| ISO/FDIS 10545-18 |  | Ceramic tiles — Part 18: Determination of light reflectance value (LRV) | 2022-01-26 |
| TC 193 |  | Natural gas |  |
| ISO/FDIS 20765-5 |  | Natural gas — Calculation of thermodynamic properties — Part 5: Calculation of viscosity, Joule-Thomson coefficient, and isentropic exponent | 2022-02-21 |
| TC 201 |  | Surface chemical analysis |  |
| ISO/FDIS 17109 |  | Surface chemical analysis — Depth profiling — Method for sputter rate determination in X-ray photoelectron spectroscopy, Auger electron spectroscopy and secondary-ion mass spectrometry sputter depth profiling using single and multi-layer thin films | 2022-02-02 |
|  |  | (Revision of ISO 17109:2015) |  |
| TC 202 |  | Microbeam analysis |  |
| ISO/FDIS 23749 |  | Microbeam analysis — Electron backscatter diffraction — Quantitative determination of austenite in steel | 2022-01-26 |
| TC 205 |  | Building environment design |  |
| ISO/FDIS 52032-1 |  | Energy performance of buildings — Energy requirements and efficiencies of heating, cooling and domestic hot water (DHW) distribution systems — Part 1: Calculation procedures | 2022-02-17 |
| TC 209 |  | Cleanrooms and associated controlled environments |  |
| ISO/FDIS 14644-9 |  | Cleanrooms and associated controlled environments — Part 9: Assessment of surface cleanliness for particle concentration | 2022-03-08 |
|  |  | (Revision of ISO 14644-9:2012) |  |
| ISO/FDIS 14644-10 |  | Cleanrooms and associated controlled environments — Part 10: Assessment of surface cleanliness for chemical contamination | 2022-03-21 |
|  |  | (Revision of ISO 14644-10:2013) |  |
| TC 211 |  | Geographic information/Geomatics |  |
| ISO 19115-2:2019/Amd 1 |  | Geographic information — Metadata — Part 2: Extensions for acquisition and processing — Amendment 1 |  |
| ISO/TS 19130-3 |  | Geographic information — Imagery sensor models for geopositioning — Part 3: Implementation schema |  |
| TC 215 |  | Health informatics |  |
| ISO/PRF TS 17117-2 |  | Health informatics — Terminological resources — Part 2: Implementation Capability (TIC) |  |
| ISO/PRF 17439 |  | Health informatics — Development of terms and definitions for health informatics glossaries |  |
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| TC 219 |  | Floor coverings |  |
| ISO/PRF 24338 |  | Laminate floor coverings — Determination of abrasion resistance |  |
|  |  | (Revision of ISO 24338:2014) |  |
| TC 229 |  | Nanotechnologies |  |
| ISO/TS 21357 |  | Nanotechnologies — Evaluation of the mean size of nano-objects in liquid dispersions by static multiple light scattering (SMLS) |  |
| TC 249 |  | Traditional Chinese medicine |  |
| ISO/FDIS 22585 |  | Traditional Chinese medicine — Codonopsis pilosula root | 2022-02-08 |
| ISO/FDIS 22586 |  | Traditional Chinese medicine — Paeonia lactiflora root — White peony root | 2022-02-10 |
| ISO/FDIS 23965 |  | Traditional Chinese medicine — Bupleurum chinense, Bupleurum scorzonerifolium and Bupleurum falcatum root | 2022-02-09 |
| TC 254 |  | Safety of amusement rides and amusement devices |  |
| ISO/FDIS 17842-2 |  | Safety of amusement rides and amusement devices — Part 2: Operation and use | 2022-02-08 |
|  |  | (Revision of ISO 17842-2:2015) |  |
| ISO/FDIS 17842-3 |  | Safety of amusement rides and amusement devices — Part 3: Requirements for inspection during design, manufacture, operation and use | 2022-02-08 |
|  |  | (Revision of ISO 17842-3:2015) |  |
| TC 256 |  | Pigments, dyestuffs and extenders |  |
| ISO/PRF 18473-4 |  | Functional pigments and extenders for special applications — Part 4: Nanoscale titanium dioxide for photocatalytic application |  |
| TC 258 |  | Project, programme and portfolio management |  |
| ISO/PRF 21503 |  | Project, programme and portfolio management — Guidance on programme management |  |
|  |  | (Revision of ISO 21503:2017) |  |
| ISO/PRF 21504 |  | Project, programme and portfolio management — Guidance on portfolio management |  |
|  |  | (Revision of ISO 21504:2015) |  |
| TC 261 |  | Additive manufacturing |  |
| ISO/ASTM PRF TR 52906 |  | Additive manufacturing — Non-destructive testing — Intentionally seeding flaws in metallic parts |  |
| ISO/ASTM FDIS 52925 |  | Additive manufacturing of polymers — Qualification principles — Classification of part properties | 2022-02-23 |
| TC 276 |  | Biotechnology |  |
| ISO/FDIS 20397-1 |  | Biotechnology — Massively parallel sequencing — Part 1: Nucleic acid and library preparation | 2022-02-16 |
| TC 292 |  | Security and resilience |  |
| ISO/FDIS 28000 |  | Security and resilience — Security management systems — Requirements | 2022-01-28 |
|  |  | (Revision of ISO 28000:2007) |  |
| TC 300 |  | Solid recovered materials, including solid recovered fuels |  |
| ISO/FDIS 21646 |  | Solid recovered fuels — Sample preparation | 2022-02-15 |
| TC 304 |  | Healthcare organization management |  |
| ISO/PRF 5258 |  | Healthcare organization management — Pandemic response (respiratory) — Drive-through screening station |  |
| TC 306 |  | Foundry machinery |  |
| ISO/PRF 23472-5 |  | Foundry machinery — Vocabulary — Part 5: Cupola furnaces and pouring devices and ladles |  |
| TC 307 |  | Blockchain and distributed ledger technologies |  |
| ISO/PRF TS 23635 |  | Blockchain and distributed ledger technologies — Guidelines for governance |  |
| IULTCS |  | International Union of Leather Technologists and Chemists Societies |  |
| ISO/FDIS 5402-1 |  | Leather — Determination of flex resistance — Part 1: Flexometer method | 2022-02-10 |
|  |  | (Revision of ISO 5402-1:2017) |  |
| CASCO |  | Committee on conformity assessment |  |
| ISO/IEC TS 17021-14 |  | Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 14: Competence requirements for auditing and certification of management systems for records |  |
| JTC 1 |  | Information technology |  |
| ISO/IEC PRF 21558-1 |  | Telecommunications and information exchange between systems — Future network architecture — Part 1: Switching and routing |  |
| ISO/IEC PRF 21558-3 |  | Telecommunications and information exchange between systems — Future network architecture — Part 3: Networking of everything |  |
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| ISO/IEC FDIS 18033-7 |  | Information security — Encryption algorithms — Part 7: Tweakable block ciphers | 2022-02-17 |
| ISO/IEC FDIS 2382-37 |  | Information technology — Vocabulary — Part 37: Biometrics | 2022-01-31 |
|  |  | (Revision of ISO/IEC 2382-37:2017) |  |
| ISO/IEC FDIS 30134-8 |  | Information technology — Data centres key performance indicators — Part 8: Carbon usage effectiveness (CUE) | 2022-01-27 |
| ISO/IEC FDIS 30134-9 |  | Information technology — Data centres key performance indicators — Part 9: Water usage effectiveness (WUE) | 2022-01-27 |
| ISO/IEC TS 20000-5 |  | Information technology — Service management — Part 5: Implementation guidance for ISO/IEC 20000-1 |  |
|  |  | (Revision of ISO/IEC TR 20000-5:2013) |  |
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| Standards published | | | |
| New International Standards published between 01 December 2021 and 01 January 2022 | | | |
| 1 delayed publication of language version  2 corrected version  3 multilingual document | | | |
|  |  |  | Price group |
| TC 6 |  | Paper, board and pulps |  |
| ISO 7213:2021 | en  fr | Pulps — Sampling for testing | A |
| ISO 13820:2021 | en | Paper, board and corrugated fibreboard — Description and calibration of fixed platen compression-testing equipment | A |
| TC 8 |  | Ships and marine technology |  |
| ISO 20519:2021 | en  fr | Ships and marine technology — Specification for bunkering of liquefied natural gas fuelled vessels | F |
| ISO 23765:2021 | en | Ships and marine technology — Marine environment protection — Specification for collecting data on ship's fuel oil consumption | C |
| ISO 20602:2019/Amd 1:2021 | en | Ships and marine technology — Check valves for use in low temperature applications — Design and testing requirements — Amendment 1 | XZ |
| ISO 23040:2021 | en | Marine environment impact assessment (MEIA) — Specification for marine sediments in seabed areas — Survey of interstitial biota | H |
| TC 17 |  | Steel |  |
| ISO 2566-1:2021 | en  fr | Steel — Conversion of elongation values — Part 1: Carbon and low-alloy steels | E |
| ISO 2566-2:2021 | en  fr | Steel — Conversion of elongation values — Part 2: Austenitic steels | E |
| TC 20 |  | Aircraft and space vehicles |  |
| ISO 8177:2021 | en | Aerospace — Omega clamps (saddle clamps) for fluid systems — Dimensions | A |
| ISO 21384-2:2021 | en | Unmanned aircraft systems — Part 2: UAS components | F |
| TC 22 |  | Road vehicles |  |
| ISO 21111-11:2021 | en | Road vehicles — In-vehicle Ethernet — Part 11: Application layer to session layer conformance test plans | H |
| ISO 7876-5:2021 | en | Fuel injection equipment — Vocabulary — Part 5: Common rail fuel injection system | A |
| ISO/TR 19222:2021 | en | Road vehicles — Injury risk curves for the THOR dummy | H |
| ISO 15500-17:2021 | en | Road vehicles — Compressed natural gas (CNG) fuel system components — Part 17: Flexible fuel line | B |
| TC 23 |  | Tractors and machinery for agriculture and forestry |  |
| ISO 17962:2015/Amd 1:2021 | en  fr | Agricultural machinery — Equipment for sowing — Minimization of the environmental effects of fan exhaust from pneumatic systems — Amendment 1 | XZ |
| ISO 15639-2:2021 | en | Radio frequency identification of animals — Standardization of injection sites for different animal species — Part 2: Equine (horses, donkeys and zebras) | A |
| TC 24 |  | Particle characterization including sieving |  |
| ISO 13322-2:2021 | en | Particle size analysis — Image analysis methods — Part 2: Dynamic image analysis methods | G |
| TC 27 |  | Coal and coke |  |
| ISO 975:2021 | en | Brown coals and lignites — Determination of yield of benzene-soluble extract — Semi-automatic method | A |
| ISO 5071-1:2021 | en | Brown coals and lignites — Determination of the volatile matter in the analysis sample — Part 1: Two-furnace method | B |
| ISO 5072:2021 | en | Brown coals and lignites — Determination of true relative density and apparent relative density | B |
| ISO 5073:2021 | en | Brown coals and lignites — Determination of humic acids | B |
| TC 28 |  | Petroleum and related products, fuels and lubricants from natural or synthetic sources |  |
| ISO 4259-4:2021 | en  fr | Petroleum and related products — Precision of measurement methods and results — Part 4: Use of statistical control charts to validate 'in-statistical-control' status for the execution of a standard test method in a single laboratory | F |
| TC 34 |  | Food products |  |
| ISO 23637:2021 | en | Cereals — Determination of cadmium content by graphite furnace atomic absorption spectrometry with diluted nitric acid extraction | B |
| TC 35 |  | Paints and varnishes |  |
| ISO 8130-4:2021 | en | Coating powders — Part 4: Calculation of lower explosion limit | A |
| ISO 16925:2021 | en | Paints and varnishes — Determination of the resistance of coatings to pressure water-jetting | C |
| TC 37 |  | Language and terminology |  |
| ISO 24623-2:2021 | en | Language resource management — Corpus query lingua franca (CQLF) — Part 2: Ontology | C |
| TC 38 |  | Textiles |  |
| ISO 24180:2021 | en | Textiles — Synthetic filament yarns — Electrostatic propensity evaluation by measuring electrical resistance | B |
| TC 42 |  | Photography |  |
| ISO 18913:2021 | en | Imaging materials — Permanence — Vocabulary | A |
| TC 43 |  | Acoustics |  |
| ISO 10844:2021 | en | Acoustics — Specification of test tracks for measuring sound emitted by road vehicles and their tyres | D |
| TC 44 |  | Welding and allied processes |  |
| ISO 10675-1:2021 | en  fr | Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 1: Steel, nickel, titanium and their alloys | C |
| ISO 10675-2:2021 | en  fr | Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 2: Aluminium and its alloys | C |
| ISO 13585:2021 | en  fr | Brazing — Qualification testing of brazers and brazing operators | D |
| ISO 17779:2021 | en  fr | Brazing — Specification and qualification of brazing procedures for metallic materials | C |
| TC 45 |  | Rubber and rubber products |  |
| ISO 23508:2021 | fr | Solution-polymerized SBR — Evaluation methods of viscoelastic properties | C |
| TC 46 |  | Information and documentation |  |
| ISO 18626:2021 | en | Information and documentation — Interlibrary loan transactions | F |
| ISO 10957:2021 | en | Information and documentation — International standard music number (ISMN) | B |
| TC 51 |  | Pallets for unit load method of materials handling |  |
| ISO 8611-1:2021 | en  fr | Pallets for materials handling — Flat pallets — Part 1: Test methods | E |
| ISO 8611-2:2021 | en  fr | Pallets for materials handling — Flat pallets — Part 2: Performance requirements and selection of tests | C |
| TC 61 |  | Plastics |  |
| ISO 527-4:2021 | en | Plastics — Determination of tensile properties — Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites | E |
| TC 70 |  | Internal combustion engines |  |
| ISO 8178-2:2021 | en  fr | Reciprocating internal combustion engines — Exhaust emission measurement — Part 2: Measurement of gaseous and particulate exhaust emissions under field conditions | G |
| TC 81 |  | Common names for pesticides and other agrochemicals |  |
| ISO 1750:1981/Amd 7:2021 | en | Pesticides and other agrochemicals — Common names — Amendment 7 | H |
| TC 82 |  | Mining |  |
| ISO 23872:2021 | en | Mining structures — Underground structures | F |
| TC 85 |  | Nuclear energy, nuclear technologies, and radiological protection |  |
| ISO 21909-1:2021 | en  fr | Passive neutron dosimetry systems — Part 1: Performance and test requirements for personal dosimetry | F |
| ISO 21909-2:2021 | en  fr | Passive neutron dosimetry systems — Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces | E |
| TC 86 |  | Refrigeration and air-conditioning |  |
| ISO 22044:2021 | en  fr | Commercial beverage coolers — Classification, requirements and test conditions | G |
| TC 92 |  | Fire safety |  |
| ISO 834-1:1999/Amd 2:2021 | en | Fire-resistance tests — Elements of building construction — Part 1: General requirements — Amendment 2 | XZ |
| ISO 23693-1:2021 | en | Determination of the resistance to gas explosions of passive fire protection materials — Part 1: General requirements | B |
| ISO/TR 20413:2021 | en | Fire safety engineering — Survey of performance-based fire safety design practices in different countries | E |
| TC 94 |  | Personal safety -- Personal protective equipment |  |
| ISO 20345:2021 | en  fr | Personal protective equipment — Safety footwear | F |
| ISO 20346:2021 | en  fr | Personal protective equipment — Protective footwear | F |
| ISO 20347:2021 | en  fr | Personal protective equipment — Occupational footwear | F |
| ISO 22568-4:2021 | en  fr | Foot and leg protectors — Requirements and test methods for footwear components — Part 4: Non-metallic perforation resistant inserts | C |
| TC 108 |  | Mechanical vibration, shock and condition monitoring |  |
| ISO 13381-1:2015 | fr | Condition monitoring and diagnostics of machines — Prognostics — Part 1: General guidelines | D |
| TC 110 |  | Industrial trucks |  |
| ISO 22915-3:2021 | fr | Industrial trucks — Verification of stability — Part 3: Reach and straddle trucks | B |
| ISO 23434-1:2021 | en  fr | Industrial trucks — Sustainability — Part 1: Vocabulary | A |
| ISO 23434-2:2021 | en  fr | Industrial trucks — Sustainability — Part 2: Factors and reporting | B |
| TC 122 |  | Packaging |  |
| ISO/TS 22984:2021 | en | Transport packaging — Cleaning and sanitation methods of reusable transport items for distribution purpose | B |
| TC 123 |  | Plain bearings |  |
| ISO 7905-2:2021 | en | Plain bearings — Bearing fatigue — Part 2: Test with a cylindrical specimen of a metallic bearing material | A |
| TC 127 |  | Earth-moving machinery |  |
| ISO/TS 19014-5:2021 | en  fr | Earth-moving machinery — Functional safety — Part 5: Tables of performance levels | H |
| TC 135 |  | Non-destructive testing |  |
| ISO 9712:2021 | en  fr | Non-destructive testing — Qualification and certification of NDT personnel | F |
| TC 138 |  | Plastics pipes, fittings and valves for the transport of fluids |  |
| ISO 17885:2021 | en | Plastics piping systems — Mechanical fittings for pressure piping systems — Specifications | F |
| ISO 3501:2021 | en | Plastics piping systems — Mechanical joints between fittings and pressure pipes — Test method for resistance to pull-out under constant longitudinal force | A |
| TC 145 |  | Graphical symbols |  |
| ISO 7010:2019/Amd 4:2021 | en  fr | Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 4 | XZ |
| TC 146 |  | Air quality |  |
| IEC 62990-2:2021 | en,fr | Workplace atmospheres — Part 2: Gas detectors — Selection, installation, use and maintenance of detectors for toxic gases and vapours | XH |
| TC 155 |  | Nickel and nickel alloys |  |
| ISO 11400:2021 | en  fr | Nickel, ferronickels and nickel alloys — Determination of phosphorus content — Phosphovanadomolybdate spectrophotometric method | B |
| TC 159 |  | Ergonomics |  |
| ISO/TS 9241-430:2021 | en | Ergonomics of human-system interaction — Part 430: Recommendations for the design of non-touch gestural input for the reduction of biomechanical stress | B |
| ISO 8996:2021 | en  fr | Ergonomics of the thermal environment — Determination of metabolic rate | E |
| TC 160 |  | Glass in building |  |
| ISO 12543-1:2021 | en  fr | Glass in building — Laminated glass and laminated safety glass — Part 1: Vocabulary and description of component parts | B |
| ISO 12543-2:2021 | en  fr | Glass in building — Laminated glass and laminated safety glass — Part 2: Laminated safety glass | A |
| ISO 12543-3:2021 | en  fr | Glass in building — Laminated glass and laminated safety glass — Part 3: Laminated glass | A |
| ISO 12543-4:2021 | en  fr | Glass in building — Laminated glass and laminated safety glass — Part 4: Test methods for durability | B |
| ISO 12543-5:2021 | en  fr | Glass in building — Laminated glass and laminated safety glass — Part 5: Dimensions and edge finishing | B |
| ISO 12543-6:2021 | en  fr | Glass in building — Laminated glass and laminated safety glass — Part 6: Appearance | A |
| TC 163 |  | Thermal performance and energy use in the built environment |  |
| ISO 6946:2017 | en  fr | Building components and building elements — Thermal resistance and thermal transmittance — Calculation methods | F |
| ISO 17738-1:2021 | en | Thermal insulation products — Exterior insulation finish systems — Part 1: Materials | G |
| ISO 22482:2021 | en | Thermal insulation products — Aerogel blanket for buildings — Specification | C |
| TC 164 |  | Mechanical testing of metals |  |
| ISO 18338:2021 | en | Metallic materials — Torsion test at room temperature | C |
| ISO 1352:2021 | en | Metallic materials — Torque-controlled fatigue testing | E |
| TC 171 |  | Document management applications |  |
| ISO 22550:2021 | en | Document management — AFP interchange for PDF | E |
| TC 172 |  | Optics and photonics |  |
| ISO 17328:2021 | fr | Optics and photonics — Optical materials and components — Test method for refractive index of infrared optical materials | C |
| TC 174 |  | Jewellery and precious metals |  |
| ISO 11596:2021 | en  fr | Jewellery and precious metals — Sampling of precious metals and precious metal alloys | C |
| TC 178 |  | Lifts, escalators and moving walks |  |
| ISO 8100-34:2021 | en  fr | Lifts for the transport of persons and goods — Part 34: Measurement of lift ride quality | C |
| TC 184 |  | Automation systems and integration |  |
| ISO 10303-59:2021 | en | Industrial automation systems and integration — Product data representation and exchange — Part 59: Integrated generic resource: Quality of product shape data | H |
| ISO 10303-243:2021 | en | Industrial automation systems and integration — Product data representation and exchange — Part 243: Application protocol: For modelling and simulation information in a collaborative systems engineering context (MoSSEC) | H |
| ISO/TS 23301:2021 | en | STEP geometry visualization services | E |
| TC 190 |  | Soil quality |  |
| ISO 24032:2021 | en  fr | Soil quality — In situ caging of snails to assess bioaccumulation of contaminants | G |
| TC 201 |  | Surface chemical analysis |  |
| ISO 18115-2:2021 | en | Surface chemical analysis — Vocabulary — Part 2: Terms used in scanning-probe microscopy | A |
| TC 204 |  | Intelligent transport systems |  |
| ISO 23376:2021 | en | Intelligent transport systems — Vehicle-to-vehicle intersection collision warning systems (VVICW) — Performance requirements and test procedures | C |
| TC 205 |  | Building environment design |  |
| ISO 52120-1:2021 | en  fr | Energy performance of buildings — Contribution of building automation, controls and building management — Part 1: General framework and procedures | H |
| ISO/TR 52120-2:2021 | en | Energy performance of buildings — Contribution of building automation, controls and building management — Part 2: Explanation and justification of ISO 52120-1 | F |
| TC 210 |  | Quality management and corresponding general aspects for medical devices |  |
| ISO 20417:2021 | en  fr | Medical devices — Information to be supplied by the manufacturer | G |
| TC 212 |  | Clinical laboratory testing and in vitro diagnostic test systems |  |
| ISO 20776-2:2021 | en | Clinical laboratory testing and in vitro diagnostic test systems — Susceptibility testing of infectious agents and evaluation of performance of antimicrobial susceptibility test devices — Part 2: Evaluation of performance of antimicrobial susceptibility test devices against reference broth micro-dilution | C |
| TC 213 |  | Dimensional and geometrical product specifications and verification |  |
| ISO 12179:2021 | en  fr | Geometrical product specifications (GPS) — Surface texture: Profile method — Calibration of contact (stylus) instruments | D |
| ISO 21920-1:2021 | en  fr | Geometrical product specifications (GPS) — Surface texture: Profile — Part 1: Indication of surface texture | F |
| ISO 21920-2:2021 | en  fr | Geometrical product specifications (GPS) — Surface texture: Profile — Part 2: Terms, definitions and surface texture parameters | G |
| ISO 21920-3:2021 | en  fr | Geometrical product specifications (GPS) — Surface texture: Profile — Part 3: Specification operators | E |
| ISO 25178-2:2021 | en | Geometrical product specifications (GPS) — Surface texture: Areal — Part 2: Terms, definitions and surface texture parameters | G |
| TC 215 |  | Health informatics |  |
| IEC 81001-5-1:2021 | en,fr | Health software and health IT systems safety, effectiveness and security — Part 5-1: Security — Activities in the product life cycle | BB |
| TC 216 |  | Footwear |  |
| ISO/TR 16178:2021 | fr | Footwear — Critical substances potentially present in footwear and footwear components — Lists of critical chemical substances | F |
| TC 217 |  | Cosmetics |  |
| ISO 21392:2021 | en | Cosmetics — Analytical methods — Measurement of traces of heavy metals in cosmetic finished products using ICP/MS technique | E |
| ISO 24443:2021 | en  fr | Cosmetics — Determination of sunscreen UVA photoprotection in vitro | F |
| TC 218 |  | Timber |  |
| ISO 24294:2021 | fr | Timber — Round and sawn timber — Vocabulary | A |
| TC 220 |  | Cryogenic vessels |  |
| ISO 21013-1:2021 | en | Cryogenic vessels — Pressure-relief accessories for cryogenic service — Part 1: Reclosable pressure-relief valves | B |
| TC 249 |  | Traditional Chinese medicine |  |
| ISO 23419:2021 | en | Traditional Chinese medicine — General requirements for manufacturing procedures and quality assurance of granules | C |
| TC 276 |  | Biotechnology |  |
| ISO/TS 20388:2021 | en | Biotechnology — Biobanking — Requirements for animal biological material | D |
| TC 292 |  | Security and resilience |  |
| ISO/TS 22317:2021 | fr | Security and resilience — Business continuity management systems — Guidelines for business impact analysis | F |
| ISO/TS 22318:2021 | en | Security and resilience — Business continuity management systems — Guidelines for supply chain continuity management | D |
| TC 309 |  | Governance of organizations |  |
| ISO 37000:2021 | es | Governance of organizations — Guidance | F |
| TMBG |  | Technical Management Board - groups |  |
| IWA 38:2021 | en | Requirements and recommendations for the construction of emergency medical facilities | C |
| CASCO |  | Committee on conformity assessment |  |
| ISO/IEC TS 17021-13:2021 | en | Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 13: Competence requirements for auditing and certification of compliance management systems | A |
| JTC 1 |  | Information technology |  |
| ISO/IEC/IEEE 8802-1X:2021 | en | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1X: Port-based network access control | H |
| ISO/IEC/IEEE 8802-3:2021/Amd 2:2021 | en | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 3: Standard for Ethernet — Amendment 2: Physical layer and management parameters for power over Ethernet over 4 pairs | D |
| ISO/IEC/IEEE 8802-3:2021/Amd 3:2021 | en | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 3: Standard for Ethernet — Amendment 3: Media access control parameters for 50 Gb/s and physical layers and management parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s operation | D |
| ISO/IEC/IEEE 8802-3:2021/Amd 5:2021 | en | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 3: Standard for Ethernet — Amendment 5: Physical layers specifications and management parameters for 10 Mb/s operation and associated power delivery over a single balanced pair of conductors | H |
| ISO/IEC/IEEE 8802-3:2021/Amd 9:2021 | en | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 3: Standard for Ethernet — Amendment 9: Physical layer specifications and management parameters for 25 Gb/s and 50 Gb/s passive optical networks | H |
| ISO/IEC/IEEE 8802-3:2021/Amd 1:2021 | en | Telecommunications and information exchange between systems — Specific requirements for local and metropolitan area networks — Part 3: Standard for Ethernet — Amendment 1: Physical layer specifications and management parameters for 2.5 Gb/s and 5 Gb/s operation over backplane | D |
| ISO/IEC 9594-2:2020/Amd 1:2021 | en | Information technology — Open systems interconnection — Part 2: The Directory: Models — Amendment 1 | XZ |
| ISO/IEC 30193:2021 | en | Information technology — Digitally recorded media for information interchange and storage — 120 mm triple layer (100,0 Gbytes per disk) BD rewritable disk | H |
| ISO/IEC TS 23884:2021 | en | Information technology — Computer graphics, image processing and environmental data representation — Material property and parameter representation for model-based haptic simulation of objects in virtual, mixed and augmented reality (VR/MAR) | B |
| ISO/IEC 27021:2017/Amd 1:2021 | en | Information technology — Security techniques — Competence requirements for information security management systems professionals — Amendment 1: Addition of ISO/IEC 27001:2013 clauses or subclauses to competence requirements | XZ |
| ISO/IEC 27070:2021 | en | Information technology — Security techniques — Requirements for establishing virtualized roots of trust | C |
| ISO/IEC 21794-3:2021 | en | Information technology — Plenoptic image coding system (JPEG Pleno) — Part 3: Conformance testing | C |
| ISO/IEC 23000-22:2019/Amd 2:2021 | en | Information technology — Multimedia application format (MPEG-A) — Part 22: Multi-image application format (MIAF) — Amendment 2: HEVC Advanced HDR profile and other clarifications | XZ |
| ISO/IEC 23003-3:2020/Amd 1:2021 | en | Information technology — MPEG audio technologies — Part 3: Unified speech and audio coding — Amendment 1: Reference software and conformance | XZ |
| ISO/IEC 23008-10:2015/Amd 1:2021 | en | Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 10: MPEG media transport forward error correction (FEC) codes — Amendment 1: Window-based FEC code | XZ |
| ISO/IEC 15961-1:2021 | en | Information technology — Data protocol for radio frequency identification (RFID) for item management — Part 1: Application interface | H |
| ISO/IEC 19785-2:2021 | en | Information technology — Common Biometric Exchange Formats Framework — Part 2: Biometric registration authority | A |
| ISO/IEC TS 38505-3:2021 | en | Information technology — Governance of data — Part 3: Guidelines for data classification | C |
| ISO/IEC TR 24372:2021 | en | Information technology — Artificial intelligence (AI) — Overview of computational approaches for AI systems | E |
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| Standards confirmed | |
| The following International Standards are confimred for a five year period: | |
| TC 1 | Screw threads |
| ISO 2901:2016 |  |
| ISO 2902:2016 |  |
| ISO 2903:2016 |  |
| TC 2 | Fasteners |
| ISO 10684:2004 | (reconfirmed) |
| TC 4 | Rolling bearings |
| ISO 20516:2007 | (reconfirmed) |
| TC 17 | Steel |
| ISO 4934:2003 | (reconfirmed) |
| ISO 4997:2015 |  |
| TC 20 | Aircraft and space vehicles |
| ISO 11893:2011 | (reconfirmed) |
| ISO 17566:2011 | (reconfirmed) |
| ISO 17851:2016 |  |
| ISO/TS 20991:2018 |  |
| ISO/TS 21979:2018 |  |
| TC 21 | Equipment for fire protection and fire fighting |
| ISO 7076-6:2016 |  |
| TC 22 | Road vehicles |
| ISO 14230-2:2016 |  |
| ISO 6725:1981 | (reconfirmed) |
| ISO 7398:1990 | (reconfirmed) |
| ISO 7399:1990 | (reconfirmed) |
| ISO 9565:1990 | (reconfirmed) |
| ISO 9987:1990 | (reconfirmed) |
| ISO 10355:2004 | (reconfirmed) |
| TC 23 | Tractors and machinery for agriculture and forestry |
| ISO 11783-11:2011 | (reconfirmed) |
| TC 24 | Particle characterization including sieving |
| ISO 13318-2:2007 | (reconfirmed) |
| ISO 14887:2000 | (reconfirmed) |
| TC 29 | Small tools |
| ISO 3002-5:1989 | (reconfirmed) |
| ISO 13399-1:2006 | (reconfirmed) |
| ISO/TS 13399-306:2018 |  |
| ISO/TS 13399-314:2018 |  |
| ISO 5748:2004 | (reconfirmed) |
| ISO 5749:2004 | (reconfirmed) |
| TC 33 | Refractories |
| ISO 21078-1:2008 | (reconfirmed) |
| ISO 26845:2008 | (reconfirmed) |
| TC 34 | Food products |
| ISO 3720:2011 | (reconfirmed) |
| ISO 11287:2011 | (reconfirmed) |
| ISO 5510:1984 | (reconfirmed) |
| ISO 6490-1:1985 | (reconfirmed) |
| ISO 6493:2000 | (reconfirmed) |
| ISO 6866:1985 | (reconfirmed) |
| ISO 6867:2000 | (reconfirmed) |
| ISO 14181:2000 | (reconfirmed) |
| ISO 14565:2000 | (reconfirmed) |
| ISO 662:2016 |  |
| ISO 12966-3:2016 |  |
| ISO 21033:2016 |  |
| ISO 18862:2016 |  |
| ISO 12824:2016 |  |
| TC 35 | Paints and varnishes |
| ISO 1514:2016 |  |
| ISO 3248:2016 |  |
| ISO 4623-2:2016 |  |
| TC 36 | Cinematography |
| ISO 26428-1:2008 | (reconfirmed) |
| TC 37 | Language and terminology |
| ISO 2603:2016 |  |
| ISO 4043:2016 |  |
| TC 38 | Textiles |
| ISO 9073-2:1995 | (reconfirmed) |
| ISO 9073-6:2000 | (reconfirmed) |
| ISO 9073-7:1995 | (reconfirmed) |
| ISO 9073-8:1995 | (reconfirmed) |
| ISO 9073-9:2008 | (reconfirmed) |
| ISO 9073-15:2007 | (reconfirmed) |
| ISO 2:1973 | (reconfirmed) |
| ISO 1144:2016 |  |
| TC 41 | Pulleys and belts (including veebelts) |
| ISO 283:2015 | (reconfirmed) |
| TC 44 | Welding and allied processes |
| ISO 865:1981 | (reconfirmed) |
| ISO 5182:2016 |  |
| ISO 5184:1979 | (reconfirmed) |
| ISO 5828:2001 | (reconfirmed) |
| ISO 5829:1984 | (reconfirmed) |
| ISO 5830:1984 | (reconfirmed) |
| ISO 7285:1995 | (reconfirmed) |
| ISO 7931:1985 | (reconfirmed) |
| ISO 15609-5:2011 | (reconfirmed) |
| ISO 17654:2011 | (reconfirmed) |
| ISO 20168:2016 |  |
| ISO 14744-2:2000 | (reconfirmed) |
| ISO 14744-3:2000 | (reconfirmed) |
| ISO 14744-4:2000 | (reconfirmed) |
| ISO 14744-5:2000 | (reconfirmed) |
| ISO 14744-6:2000 | (reconfirmed) |
| ISO/TR 17844:2004 | (reconfirmed) |
| ISO 3677:2016 |  |
| ISO 15618-1:2016 |  |
| TC 45 | Rubber and rubber products |
| ISO/TS 22687:2018 |  |
| TC 60 | Gears |
| ISO/TS 6336-22:2018 |  |
| TC 61 | Plastics |
| ISO 458-1:1985 | (reconfirmed) |
| ISO 458-2:1985 | (reconfirmed) |
| TC 76 | Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use |
| ISO 11040-2:2011 | (reconfirmed) |
| TC 81 | Common names for pesticides and other agrochemicals |
| ISO 765:2016 |  |
| TC 84 | Devices for administration of medicinal products and catheters |
| ISO 6009:2016 |  |
| ISO 7864:2016 |  |
| ISO 9626:2016 |  |
| ISO 11608-7:2016 |  |
| TC 85 | Nuclear energy, nuclear technologies, and radiological protection |
| ISO 19017:2015 |  |
| TC 106 | Dentistry |
| ISO 17254:2016 |  |
| ISO 13078-2:2016 |  |
| TC 108 | Mechanical vibration, shock and condition monitoring |
| ISO 5347-8:1993 | (reconfirmed) |
| ISO 5347-12:1993 | (reconfirmed) |
| ISO 5347-13:1993 | (reconfirmed) |
| ISO 5347-15:1993 | (reconfirmed) |
| ISO 5347-16:1993 | (reconfirmed) |
| ISO 5347-18:1993 | (reconfirmed) |
| ISO 7626-2:2015 |  |
| ISO 8042:1988 | (reconfirmed) |
| ISO 10817-1:1998 | (reconfirmed) |
| ISO 16063-17:2016 |  |
| ISO 16063-32:2016 |  |
| ISO 16063-41:2011 | (reconfirmed) |
| ISO 16063-43:2015 |  |
| TC 110 | Industrial trucks |
| ISO 22915-7:2016 |  |
| TC 111 | Round steel link chains, chain slings, components and accessories |
| ISO 1834:1999 | (reconfirmed) |
| TC 113 | Hydrometry |
| ISO 3846:2008 | (reconfirmed) |
| ISO 6420:2016 |  |
| TC 118 | Compressors and pneumatic tools, machines and equipment |
| ISO 18740:2016 |  |
| TC 122 | Packaging |
| ISO 13355:2016 |  |
| TC 127 | Earth-moving machinery |
| ISO 3411:2007 | (reconfirmed) |
| ISO 5353:1995 | (reconfirmed) |
| ISO 11112:1995 | (reconfirmed) |
| ISO 4510-1:1987 | (reconfirmed) |
| ISO 6012:1997 | (reconfirmed) |
| ISO 6302:1993 | (reconfirmed) |
| ISO 6749:1984 | (reconfirmed) |
| ISO 7129:1997 | (reconfirmed) |
| ISO 7852:1983 | (reconfirmed) |
| ISO 8152:1984 | (reconfirmed) |
| ISO 8925:1989 | (reconfirmed) |
| ISO 9247:1990 | (reconfirmed) |
| ISO 15143-1:2010 | (reconfirmed) |
| ISO 22448:2010 | (reconfirmed) |
| TC 130 | Graphic technology |
| ISO 12640-4:2011 | (reconfirmed) |
| ISO/TS 21830:2018 |  |
| TC 131 | Fluid power systems |
| ISO 5781:2016 |  |
| ISO 6952:1994 | (reconfirmed) |
| ISO 10041-1:2010 | (reconfirmed) |
| ISO 10041-2:2010 | (reconfirmed) |
| ISO 15217:2000 | (reconfirmed) |
| TC 138 | Plastics pipes, fittings and valves for the transport of fluids |
| ISO 12176-3:2011 | (reconfirmed) |
| ISO 16486-6:2012 |  |
| ISO 18373-2:2008 | (reconfirmed) |
| TC 142 | Cleaning equipment for air and other gases |
| ISO 16170:2016 |  |
| TC 146 | Air quality |
| ISO 16000-10:2006 | (reconfirmed) |
| TC 147 | Water quality |
| ISO 10304-1:2007 | (reconfirmed) |
| ISO 11885:2007 | (reconfirmed) |
| ISO 8689-2:2000 | (reconfirmed) |
| ISO 10706:2000 | (reconfirmed) |
| ISO 10712:1995 | (reconfirmed) |
| ISO 13829:2000 | (reconfirmed) |
| ISO 5667-13:2011 | (reconfirmed) |
| ISO 5667-23:2011 | (reconfirmed) |
| TC 156 | Corrosion of metals and alloys |
| ISO 7384:1986 | (reconfirmed) |
| ISO 8565:2011 | (reconfirmed) |
| ISO 9400:1990 | (reconfirmed) |
| ISO 11846:1995 | (reconfirmed) |
| ISO 11881:1999 | (reconfirmed) |
| ISO 15324:2000 | (reconfirmed) |
| TC 157 | Non-systemic contraceptives and STI barrier prophylactics |
| ISO 23409:2011 | (reconfirmed) |
| TC 159 | Ergonomics |
| ISO 6385:2016 |  |
| TC 172 | Optics and photonics |
| ISO 517:2008 | (reconfirmed) |
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| ISO 9022-9:2016 |  |
| ISO 9336-1:2010 | (reconfirmed) |
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| ISO 25297-1:2012 | (reconfirmed) |
| ISO 25297-2:2011 | (reconfirmed) |
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| ISO 11381:2016 |  |
| TC 178 | Lifts, escalators and moving walks |
| ISO/TS 8100-21:2018 |  |
| TC 180 | Solar energy |
| ISO 22975-1:2016 |  |
| ISO 22975-2:2016 |  |
| TC 182 | Geotechnics |
| ISO 22476-15:2016 |  |
| ISO 22477-10:2016 |  |
| TC 184 | Automation systems and integration |
| ISO 8000-120:2016 |  |
| ISO 8000-130:2016 |  |
| ISO 8000-140:2016 |  |
| ISO/TS 10303-27:2000 | (reconfirmed) |
| ISO/TS 10303-304:2001 | (reconfirmed) |
| ISO/TS 10303-1002:2014 | (reconfirmed) |
| ISO/TS 10303-1008:2014 | (reconfirmed) |
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| ISO/TS 10303-1011:2004 | (reconfirmed) |
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| ISO/TS 10303-1015:2004 | (reconfirmed) |
| ISO/TS 10303-1018:2004 | (reconfirmed) |
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| ISO/TS 10303-1061:2014 | (reconfirmed) |
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| ISO/TS 10303-1210:2004 | (reconfirmed) |
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| ISO/TS 10303-1217:2004 | (reconfirmed) |
| ISO/TS 10303-1218:2004 | (reconfirmed) |
| ISO/TS 10303-1228:2004 | (reconfirmed) |
| ISO/TS 10303-1240:2004 | (reconfirmed) |
| ISO/TS 10303-1243:2004 | (reconfirmed) |
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| ISO/TS 10303-1245:2004 | (reconfirmed) |
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| ISO/TS 10303-1254:2004 | (reconfirmed) |
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| ISO/TS 10303-1265:2004 | (reconfirmed) |
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| ISO/TS 10303-1273:2004 | (reconfirmed) |
| ISO/TS 10303-1275:2014 | (reconfirmed) |
| ISO/TS 10303-1276:2004 | (reconfirmed) |
| ISO/TS 10303-1277:2004 | (reconfirmed) |
| ISO/TS 10303-1285:2004 | (reconfirmed) |
| ISO/TS 10303-1286:2004 | (reconfirmed) |
| ISO/TS 10303-1294:2004 | (reconfirmed) |
| ISO/TS 10303-1296:2004 | (reconfirmed) |
| ISO/TS 10303-1298:2004 | (reconfirmed) |
| ISO/TS 10303-1300:2004 | (reconfirmed) |
| ISO/TS 10303-1301:2004 | (reconfirmed) |
| ISO/TS 10303-1317:2014 | (reconfirmed) |
| ISO/TS 10303-1320:2014 | (reconfirmed) |
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| ISO/TS 10303-1342:2014 | (reconfirmed) |
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| ISO/TS 10303-1381:2014 | (reconfirmed) |
| ISO/TS 10303-1382:2014 | (reconfirmed) |
| ISO/TS 10303-1384:2014 | (reconfirmed) |
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| ISO/TS 10303-1387:2014 | (reconfirmed) |
| ISO/TS 10303-1403:2014 | (reconfirmed) |
| ISO/TS 10303-1453:2014 | (reconfirmed) |
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| ISO/TS 10303-1491:2014 | (reconfirmed) |
| ISO/TS 10303-1501:2004 | (reconfirmed) |
| ISO/TS 10303-1502:2004 | (reconfirmed) |
| ISO/TS 10303-1510:2004 | (reconfirmed) |
| ISO/TS 10303-1511:2014 | (reconfirmed) |
| ISO/TS 10303-1512:2004 | (reconfirmed) |
| ISO/TS 10303-1613:2014 | (reconfirmed) |
| ISO/TS 10303-1637:2014 | (reconfirmed) |
| ISO/TS 10303-1651:2014 | (reconfirmed) |
| TC 190 | Soil quality |
| ISO/TS 20131-1:2018 |  |
| ISO/TS 20131-2:2018 |  |
| TC 197 | Hydrogen technologies |
| ISO 16110-1:2007 | (reconfirmed) |
| TC 201 | Surface chemical analysis |
| ISO 28600:2011 | (reconfirmed) |
| ISO 15471:2016 |  |
| TC 206 | Fine ceramics |
| ISO 10676:2010 | (reconfirmed) |
| ISO 10677:2011 | (reconfirmed) |
| ISO 13124:2011 | (reconfirmed) |
| ISO 18071:2016 |  |
| ISO 20808:2016 |  |
| TC 211 | Geographic information/Geomatics |
| ISO 19104:2016 |  |
| ISO 19132:2007 | (reconfirmed) |
| TC 213 | Dimensional and geometrical product specifications and verification |
| ISO 8015:2011 | (reconfirmed) |
| ISO 8062-1:2007 | (reconfirmed) |
| ISO 9493:2010 | (reconfirmed) |
| ISO 10360-7:2011 | (reconfirmed) |
| ISO 10360-12:2016 |  |
| ISO 14253-2:2011 | (reconfirmed) |
| ISO 14253-3:2011 | (reconfirmed) |
| ISO 16610-21:2011 | (reconfirmed) |
| ISO 18391:2016 |  |
| ISO 25178-72:2017 |  |
| TC 219 | Floor coverings |
| ISO 1957:2000 | (reconfirmed) |
| ISO 10595:2010 | (reconfirmed) |
| ISO 10965:2011 | (reconfirmed) |
| ISO 11378-1:2000 | (reconfirmed) |
| ISO 13750:2000 | (reconfirmed) |
| TC 220 | Cryogenic vessels |
| ISO 21013-2:2007 | (reconfirmed) |
| ISO 21028-1:2016 |  |
| TC 229 | Nanotechnologies |
| ISO/TS 12805:2011 | (reconfirmed) |
| ISO/TS 80004-2:2015 | (reconfirmed) |
| ISO/TS 80004-5:2011 | (reconfirmed) |
| TC 249 | Traditional Chinese medicine |
| ISO 18668-1:2016 |  |
| TC 260 | Human resource management |
| ISO/TS 30411:2018 |  |
| TC 299 | Robotics |
| ISO 18646-1:2016 |  |
| JTC 1 | Information technology |
| ISO/IEC 7942-3:1999 | (reconfirmed) |
| ISO/IEC 7942-4:1998 | (reconfirmed) |
| ISO/IEC 8632-1:1999 | (reconfirmed) |
| ISO/IEC 8632-3:1999 | (reconfirmed) |
| ISO/IEC 8632-4:1999 | (reconfirmed) |
| ISO 8651-1:1988 | (reconfirmed) |
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| ISO/IEC 9593-1:1990 | (reconfirmed) |
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| ISO/IEC 9636-1:1991 | (reconfirmed) |
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| ISO/IEC 9636-4:1991 | (reconfirmed) |
| ISO/IEC 9636-5:1991 | (reconfirmed) |
| ISO/IEC 9636-6:1991 | (reconfirmed) |
| ISO/IEC 10641:1993 | (reconfirmed) |
| ISO/IEC 12087-1:1995 | (reconfirmed) |
| ISO/IEC 12087-3:1995 | (reconfirmed) |
| ISO/IEC 12088-4:1995 | (reconfirmed) |
| ISO/IEC 14478-1:1998 | (reconfirmed) |
| ISO/IEC 14478-2:1998 | (reconfirmed) |
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| ISO/IEC 14772-1:1997 | (reconfirmed) |
| ISO/IEC 18050:2006 | (reconfirmed) |
| ISO/IEC 29103:2011 | (reconfirmed) |
| ISO/IEC 14957:2010 | (reconfirmed) |
| ISO/IEC 19502:2005 | (reconfirmed) |
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| ISO/IEC 19756:2011 | (reconfirmed) |
| ISO/IEC 19086-1:2016 |  |
| ISO/IEC TS 38501:2015 | (reconfirmed) |

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| Standards withdrawn | |
| Period from 01 December 2021 to 01 January 2022 | |
| TC 20 | Aircraft and space vehicles |
| ISO 16699:2015 | (replaced by ) |
| TC 136 | Furniture |
| ISO 7171:2019 | (replaced by ISO 7170:2021) |
| TC 159 | Ergonomics |
| ISO 14915-1:2002 | (replaced by ) |
| TC 178 | Lifts, escalators and moving walks |
| ISO 18738-1:2012 | (replaced by ISO 8100-34:2021) |
| TC 213 | Dimensional and geometrical product specifications and verification |
| ISO 1302:2002 | (replaced by ISO 21920-1:2021) |
| ISO 4287:1997 | (replaced by ISO 21920-2:2021) |
| ISO 4287:1997/Amd 1:2009 | (replaced by ISO 21920-2:2021) |
| ISO 4288:1996 | (replaced by ISO 21920-3:2021) |
| ISO 12085:1996 | (replaced by ISO 21920-2:2021) |
| ISO 13565-2:1996 | (replaced by ISO 21920-2:2021) |
| ISO 13565-3:1998 | (replaced by ISO 21920-2:2021) |
| JTC 1 | Information technology |
| ISO/IEC TR 9573-11:2004 | (replaced by ) |
| ISO/IEC TR 22250-1:2002 | (replaced by ) |

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| Meeting calendar | |
| The meeting calendar is available at | |
| https://www.iso.org/meeting-calendar.html | |
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