

# ISO Update

Supplement to ISOfocus

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September 2020

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# International Standards in process

An International Standard is the result of an agreement between the member bodies of ISO. A first important step towards an International Standard takes the form of a committee draft (CD) - this is circulated for study within an ISO technical committee. When consensus has been reached within the technical committee, the document is sent to the Central Secretariat for processing as a draft International Standard (DIS). The DIS requires approval by at least 75 % of the member bodies casting a vote. A confirmation vote is subsequently carried out on a final draft International Standard (FDIS), the approval criteria remaining the same.

## CD registered

Period from 01 July to 01 August 2020

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 4 ISO/CD 199	Rolling bearings Rolling bearings — Thrust bearings — Geometrical product specification (GPS) and tolerance values	ISO/CD 24649	Manually and Hydraulically operated plastic valves
TC 5 ISO/CD 4370	Ferrous metal pipes and metallic fittings Environmental life cycle analysis and recycling	ISO/CD 15639-2	Standardization of injection sites for different animal species — Part 2: Equine (horses, donkeys, and zebras)
TC 20 ISO/CD 4579	Aircraft and space vehicles Aerospace — Drives, internal, TORX PAR-ALLOBE drive — Geometrical definition, gaging and technical requirements	TC 27 ISO/CD 1014	Coal and coke Coke — Determination of true relative density, apparent relative density and porosity
ISO/CD 4580	Aerospace — Drives, internal, TORX PAR-ALLOBE driver bit — Geometrical definition, gaging and technical requirements	TC 29 ISO/CD 603-14	Small tools Bonded abrasive products — Dimensions — Part 14: Grinding wheels for deburring and fettling/snagging on an angle grinder
TC 21 ISO/CD TR 7240-9	Equipment for fire protection and fire fighting Fire detection and alarm systems — Part 9: Test fires for fire detectors	ISO/CD 603-15	Bonded abrasive products — Dimensions — Part 15: Grinding wheels for cutting-off on stationary or mobile cutting-off machines
TC 22 ISO/CD 7141	Road vehicles Road vehicles — Light alloy wheels — Impact test	ISO/CD 603-16	Bonded abrasive products — Dimensions — Part 16: Grinding wheels for cutting-off on hand held power tools
ISO/CD 6627	Internal combustion engines — Piston rings — Expander/segment oil-control rings	TC 34 ISO/CD 24223	Food products Cheese — Guidance on sample preparation for physical and chemical testing
ISO/CD TR 21934-1	Road vehicles — Prospective safety performance assessment of pre-crash technology by virtual simulation — Part 1: State-of-the-art and general method overview	TC 35 ISO/CD 17463	Paints and varnishes Paints and varnishes — Guidelines for the determination of anticorrosive properties of organic coatings by accelerated cyclic electrochemical technique
ISO/CD TS 23521	Road vehicles — Calibration procedure for displacement devices	ISO/CD 19403-1	Paints and varnishes — Wettability — Part 1: Terminology and general principles
ISO/CD 6460-1	Motorcycles — Measurement method for gaseous exhaust emissions and fuel consumption — Part 1: General test requirements	TC 37 ISO/CD 12620-2	Language and terminology Management of terminology resources — Data categories — Part 2: Repositories
TC 23	Tractors and machinery for agriculture and forestry	ISO/CD 24019	Simultaneous interpreting delivery platforms — Requirements and recommendations
		TC 39 ISO/CD 230-4.2	Machine tools Test code for machine tools — Part 4: Circular tests for numerically controlled machine tools
		ISO/CD 230-10.3	Test code for machine tools — Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools
		ISO/CD 230-12	Test code for machine tools — Part 12: Accuracy of finished test pieces
		TC 45 ISO/CD 24329	Rubber and rubber products Low-protein natural rubber concentrate — Specification
		ISO/CD 23711	Elastomeric seals — Requirements for materials for pipe joint seals used in water and drainage applications — Thermoplastic elastomers
		TC 46 ISO/CD 13008	Information and documentation Information and documentation — Digital records conversion and migration process
		ISO/PRF TS 16175-2	Information and documentation - Processes and functional requirements for software for managing records — Part 2: Guidance for selecting, designing, implementing and maintaining software for managing records
		TC 54 ISO/CD 5093	Essential oils Essential oil of lemon myrtle ( <i>Backhousia citriodora</i> F.Muell.), citral type
		TC 59	Buildings and civil engineering works

ISO/CD 19650-4	Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) — Information management using building information modelling — Part 4: Information exchange	ISO/CD 5667-26	Water quality — Sampling — Part 26: Guidance on sampling for the parameters of the oceanic carbon dioxide system
ISO/CD 15928-6.2	Houses — Description of performance — Part 6: Contribution to sustainable development	TC 150	Implants for surgery
TC 60	Gears	ISO/CD 5832-6	Implants for surgery — Metallic materials — Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy
ISO/CD TS 10300-20	Calculation of load capacity of bevel gears — Part 20: Calculation of scuffing load capacity; Flash temperature method	TC 156	Corrosion of metals and alloys
TC 70	Internal combustion engines	ISO/CD 23669	Corrosion of metals and alloys — Guidelines for localised corrosion and environmentally assisted cracking testing of additively manufactured metals and alloys
ISO/CD 6798-3	Reciprocating internal combustion engines — Measurement of sound power level using sound pressure — Part 3: Survey method for use in situ	TC 159	Ergonomics
TC 76	Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	ISO/CD TS 9241-430	Ergonomics of human-system interaction — Part 430: Recommendations for the design of non-touch gestural input for the reduction of biomechanical stress
ISO/CD 8536-15	Infusion equipment for medical use — Part 15: Light-resistant infusion sets for single use	TC 163	Thermal performance and energy use in the built environment
TC 96	Cranes	ISO/CD 23766	Thermal insulating products for industrial installations — Determination of the coefficient of linear thermal expansion at sub-ambient temperatures
ISO/CD 12210	Cranes — Anchoring devices for in-service and out-of-service conditions	TC 164	Mechanical testing of metals
TC 107	Metallic and other inorganic coatings	ISO/CD 14577-6	Metallic materials — Instrumented indentation test for hardness and materials parameters — Part 6: Part 6: Evaluation of stress change using indentation force differences
ISO/CD 1461	Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods	TC 172	Optics and photonics
TC 108	Mechanical vibration, shock and condition monitoring	ISO/CD 12005	Lasers and laser-related equipment — Test methods for laser beam parameters — Polarization
ISO/CD 20816-3	Mechanical vibration — Measurement and evaluation of machine vibration — Part 3: Coupled industrial machines	ISO/CD 13696	Optics and photonics — Test method for total scattering by optical components
ISO/CD 21940-21	Mechanical vibration — Rotor balancing — Part 21: Description and evaluation of balancing machines	TC 181	Safety of toys
ISO/CD 22266-1	Mechanical vibration — Torsional vibration of rotating machinery — Part 1: Evaluation of steam and gas turbine generator sets due to electrical excitation	ISO/CD 8124-1	Safety of toys — Part 1: Safety aspects related to mechanical and physical properties
TC 122	Packaging	TC 199	Safety of machinery
ISO/CD 24259	Steel Strapping for Packaging	ISO/CD TR 22100-5	Safety of machinery — Relationship with ISO 12100 — Part 5: Implications of embedded Artificial Intelligence-machine learning
TC 123	Plain bearings	TC 206	Fine ceramics
ISO/CD 4821	Plain bearings — Dynamic adhesion test method for DLC coated parts under lubricated condition	ISO/CD 20507	Fine ceramics (advanced ceramics, advanced technical ceramics) — Vocabulary
TC 130	Graphic technology	ISO/CD 23739	Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of zirconium oxide powders
ISO/CD TS 18621-11	Image quality evaluation methods for printed matter — Part 11: Colour gamut analysis	TC 215	Health informatics
TC 131	Fluid power systems	ISO/CD TS 22691	Health informatics — Token-based health information sharing
ISO/CD 8132	Hydraulic fluid power — Mounting dimensions for accessories for single rod cylinders, 16 MPa (160 bar) medium and 25 MPa (250 bar) series	TC 219	Floor coverings
ISO/CD 8133	Hydraulic fluid power — Mounting dimensions for accessories for single rod cylinders, 16 MPa (160 bar) compact series	ISO/CD 24338	Laminate floor coverings — Determination of abrasion resistance
ISO/CD TR 4808	Hydraulic fluid power – Interpolation method for particle count and filter test data	TC 229	Nanotechnologies
ISO/CD 15086-3	Hydraulic fluid power — Determination of the fluid-borne noise characteristics of components and systems — Part 3: Measurement of hydraulic impedance	ISO/CD TS 21633	Label-free impedance technology to assess the toxicity of nanomaterials in Vitro
TC 147	Water quality	ISO/CD TR 22455	High throughput screening method for nanoparticles toxicity using 3D cells
		ISO/CD TS 23302	Nanotechnologies — Guidance on measurands for characterising nano-objects and materials that contain them
		TC 261	Additive manufacturing

ISO/ASTM CD 52936-1	Additive manufacturing — Qualification principles — Laser-based powder bed fusion of polymers — Part 1: General principles, preparation of test specimens	ISO/IEC CD 21122-2	Information technology — JPEG XS low-latency lightweight image coding system — Part 2: Profiles and buffer models
TC 276	Biotechnology	ISO/IEC CD 21122-3	Information technology — JPEG XS low-latency lightweight image coding system — Part 3: Transport and container formats
ISO/CD 5058-1	Biotechnology — Genome Editing — Part 1: Terminology	ISO/IEC DIS 21794-2/CD Amd 1	Information technology — Plenoptic image coding system (JPEG Pleno) — Part 2: Light field coding — Amendment 1: Profiles and Levels for JPEG Pleno Light Field Coding System
ISO/CD 20397-1	Biotechnology — General Requirements for Massive Parallel Sequencing — Part 1: Part 1: Nucleic acid and library preparation	ISO/IEC CD 21794-3	Information technology — Plenoptic image coding system (JPEG Pleno) — Part 3: Conformance testing
ISO/CD 20399	Biotechnology — Ancillary materials present during the production of cellular therapeutic products	ISO/IEC CD 21794-4	Information technology — Plenoptic image coding system (JPEG Pleno) — Part 4: Reference software
ISO/CD 23511	Biotechnology — General requirements for cell line authentication	ISO/IEC CD 23090-12	Information technology — Coded representation of immersive media — Part 12: Immersive Video
TC 282	Water reuse	ISO/IEC CD 23090-18	Information technology — Coded representation of immersive media — Part 18: Carriage of Geometry-based Point Cloud Compression Data
ISO/CD 24416	Water reuse in urban areas — Guidelines for water reuse safety evaluation: Stability evaluation of reclaimed water	ISO/IEC CD 23091-2	Information technology — Coding-independent code points — Part 2: Video
TC 307	Blockchain and distributed ledger technologies	ISO/IEC CD 17367	Supply chain applications of RFID — Product tagging
ISO/CD TS 23635	Blockchain and distributed ledger technologies — Guidelines for governance	ISO/IEC CD 24791-3	Information technology — Radio frequency identification (RFID) for item management — Software system infrastructure — Part 3: Device management
TC 314	Ageing societies	ISO/IEC CD 11179-31	Information technology — Metadata registries (MDR) — Part 31: Metamodel for data specification registration
ISO/CD 23623	Ageing Societies — Framework for Dementia-inclusive communities	ISO/IEC CD TR 10036	Information technology — Font information — Registered glyph identifiers
JTC 1	Information technology	ISO/IEC CD 24714	Biometrics — Jurisdictional and societal considerations for biometric applications
ISO/IEC CD TR 29110-5-4	Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 5-4: Agile software development guidelines	ISO/IEC CD 30134-8.3	Information technology — Data centres — Key performance indicators — Part 8: Carbon Usage Effectiveness (CUE)
ISO/IEC CD TS 24192-1.2	Cards and security devices for personal identification — Communication between contactless readers and fare media used in public transport — Part 1: Implementation requirements for ISO/IEC 14443	ISO/IEC CD 30134-9.3	Information technology — Data centres — Key performance indicators — Part 9: Water Usage Effectiveness (WUE)
ISO/IEC CD TS 24192-2.2	Cards and security devices for personal identification — Communication between contactless readers and fare media used in public transport — Part 2: Test plan for ISO/IEC 14443	ISO/IEC CD 30105-8	Information technology — IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 8: Continual Performance Improvement (CPI) of ITES-BPO
ISO/IEC CD 20009-3	Information technology — Security techniques — Anonymous entity authentication — Part 3: Mechanisms based on blind signatures concepts		
ISO/IEC CD 23264-2	Information security — Redaction of authentic data — Part 2: Redactable signature schemes based on asymmetric mechanisms		
ISO/IEC CD TS 27006-2	Information security, cybersecurity and privacy protection — Requirements for bodies providing audit and certification of privacy information management systems according to ISO/IEC 27701 in combination with ISO/IEC 27001 — Part 2: Title missing		
ISO/IEC CD 10918-7	Information technology — Digital compression and coding of continuous-tone still images — Part 7: Reference software		
ISO/IEC CD 15444-2	Information technology — JPEG 2000 image coding system — Part 2: Extensions		
ISO/IEC CD 15938-17	Information technology — Multimedia content description interface — Part 17: Compression of neural networks for multimedia content description and analysis		
ISO/IEC DIS 18181-1/CD Amd 1	Information technology — JPEG XL Image Coding System — Part 1: Core coding system — Amendment 1: Profiles and levels for JPEG XL image coding system		
ISO/IEC CD 21122-1	Information technology — JPEG XS low-latency lightweight image coding system — Part 1: Core coding system		

## DIS circulated

Period from 01 July to 01 August 2020

These documents have obtained substantial support within the appropriate ISO technical committee.

They have been submitted to the ISO member bodies for voting by the date shown.

\* Available in English only

Vote  
terminates

TC 6	Paper, board and pulps		ISO/DIS 21782-5	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 5: Operating load testing of the motor system	2020-09-24
ISO/DIS 638-1	Paper, board, pulps and cellulosic nanomaterials — Determination of dry matter content by oven-drying method — Part 1: Materials in solid form (Revision of ISO 638:2008)	2020-10-16			
ISO/DIS 638-2	Paper, board, pulps and cellulosic nanomaterials — Determination of dry matter content by oven-drying method — Part 2: Suspensions of cellulosic nanomaterials (Revision of ISO 638:2008)	2020-09-24	ISO/DIS 21782-7	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 7: Operating load testing of the DC/DC converter	2020-09-24
TC 8	Ships and marine technology		ISO 15501-1:2016/DAmD 1	Road vehicles — Compressed natural gas (CNG) fuel systems — Part 1: Safety requirements — Amendment 1	2020-10-02
ISO/DIS 23040	Marine environment impact assessment (MEIA) — Specification for marine sediments in seabed areas — Sediment interstitial biota survey	2020-09-29	ISO 19723-1:2018/DAmD 1	Road vehicles — Liquefied natural gas (LNG) fuel systems — Part 1: Safety requirements — Amendment 1	2020-10-02
TC 17	Steel		TC 31	Tyres, rims and valves	2020-09-23
ISO/DIS 7788	Steel — Surface finish of hot-rolled plates and wide flats — Delivery requirements (Revision of ISO 7788:1985)	2020-10-19	ISO/DIS 5775-2	Bicycle tyres and rims — Part 2: Rims (Revision of ISO 5775-2:2015)	
TC 20	Aircraft and space vehicles		TC 34	Food products	
ISO/DIS 22181	Aerospace fluid systems and components — Variable displacement hydraulic motors — General specifications	2020-10-20	ISO/DIS 2171	Cereals, pulses and by-products — Determination of ash yield by incineration (Revision of ISO 2171:2007)	2020-10-19
TC 22	Road vehicles		ISO 4833-1:2013/DAmD 1	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique — Amendment 1: Clarification of scope	2020-09-28
ISO/DIS 18541-1	Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 1: General information and use case definition (Revision of ISO 18541-1:2014)	2020-09-28	ISO 4833-2:2013/DAmD 1	Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique — Amendment 1: Clarification of scope	2020-09-28
ISO/DIS 18541-2	Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 2: Technical requirements (Revision of ISO 18541-2:2014)	2020-09-28	TC 39	Machine tools	
ISO/DIS 18541-3	Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 3: Functional user interface requirements (Revision of ISO 18541-3:2014)	2020-09-28	ISO/DIS 19085-3	Woodworking machines — Safety — Part 3: Numerically controlled (NC/CNC) boring and routing machines (Revision of ISO 19085-3:2017)	2020-10-07
ISO/DIS 18541-4	Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 4: Conformance test (Revision of ISO 18541-4:2015)	2020-09-28	TC 43	Acoustics	
ISO/DIS 21111-10	Road vehicles — In-vehicle Ethernet — Part 10: Application to network layer requirements and test plans	2020-10-13	ISO/DIS 10052	Acoustics — Field measurements of airborne and impact sound insulation and of service equipment sound — Survey method (Revision of ISO 10052:2004, ISO 10052:2004/Amd 1:2010)	2020-10-20
ISO/DIS 11452-9	Road vehicles — Component test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 9: Portable transmitters (Revision of ISO 11452-9:2012)	2020-10-07	TC 44	Welding and allied processes	
ISO/DIS 21782-4	Electrically propelled road vehicles — Test specification for electric propulsion components — Part 4: Performance testing of the DC/DC converter	2020-09-24	ISO/DIS 4136	Destructive tests on welds in metallic materials — Transverse tensile test (Revision of ISO 4136:2012)	2020-10-13
			ISO/DIS 9016	Destructive tests on welds in metallic materials — Impact tests — Test specimen location, notch orientation and examination (Revision of ISO 9016:2012)	2020-10-07

ISO/DIS 17639	Destructive tests on welds in metallic materials — Macroscopic and microscopic examination of welds (Revision of ISO 17639:2003)	2020-10-14	TC 59	Buildings and civil engineering works	
TC 45	Rubber and rubber products		ISO/DIS 6707-4	Buildings and civil engineering works — Vocabulary — Part 4: Facility management terms	2020-10-20
ISO/DIS 6452	Rubber- or plastics-coated fabrics — Determination of fogging characteristics of trim materials in the interior of automobiles (Revision of ISO 6452:2007)	2020-09-29	ISO/DIS 6927	Buildings and civil engineering works — Sealants — Vocabulary  (Revision of ISO 6927:2012)	2020-10-07
TC 48	Laboratory equipment		ISO/DIS 9046	Buildings and civil engineering works — Sealants — Determination of adhesion/cohesion properties at constant temperature (Revision of ISO 9046:2002)	2020-10-08
ISO/DIS 8655-1	Piston-operated volumetric apparatus — Part 1: Terminology, general requirements and user recommendations (Revision of ISO 8655-1:2002, ISO 8655-1:2002/Cor 1:2008)	2020-10-21	ISO/DIS 13638	Buildings and civil engineering works — Sealants — Determination of resistance to prolonged exposure to water (Revision of ISO 13638:1996)	2020-10-08
ISO/DIS 8655-2	Piston-operated volumetric apparatus — Part 2: Pipettes  (Revision of ISO 8655-2:2002, ISO 8655-2:2002/Cor 1:2008)	2020-10-21	TC 61	Plastics	
ISO/DIS 8655-3	Piston-operated volumetric apparatus — Part 3: Burettes  (Revision of ISO 8655-3:2002, ISO 8655-3:2002/Cor 1:2008)	2020-10-21	ISO/DIS 11403-1	Plastics — Acquisition and presentation of comparable multipoint data — Part 1: Mechanical properties (Revision of ISO 11403-1:2014)	2020-09-28
ISO/DIS 8655-4	Piston-operated volumetric apparatus — Part 4: Dilutors  (Revision of ISO 8655-4:2002, ISO 8655-4:2002/Cor 1:2008)	2020-10-21	ISO/DIS 11403-3	Plastics — Acquisition and presentation of comparable multipoint data — Part 3: Environmental influences on properties (Revision of ISO 11403-3:2014)	2020-09-28
ISO/DIS 8655-5	Piston-operated volumetric apparatus — Part 5: Dispensers  (Revision of ISO 8655-5:2002, ISO 8655-5:2002/Cor 1:2008)	2020-10-21	ISO/DIS 13000-1	Plastics — Polytetrafluoroethylene (PTFE) semi-finished products — Part 1: Requirements and designation (Revision of ISO 13000-1:2005)	2020-09-25
ISO/DIS 8655-6	Piston-operated volumetric apparatus — Part 6: Gravitometric reference measurement procedure for the determination of volume (Revision of ISO 8655-6:2002/Cor 1:2008, ISO 8655-6:2002)	2020-10-21	ISO/DIS 13000-2	Plastics — Polytetrafluoroethylene (PTFE) semi-finished products — Part 2: Preparation of test specimens and determination of properties (Revision of ISO 13000-2:2005)	2020-09-25
ISO/DIS 8655-7	Piston-operated volumetric apparatus — Part 7: Alternative measurement procedures for the determination of volume (Revision of ISO 8655-7:2005, ISO 8655-7:2005/Cor 1:2008)	2020-10-21	ISO/DIS 527-4	Plastics — Determination of tensile properties — Part 4: Test conditions for isotropic and orthotropic fibre-reinforced plastic composites (Revision of ISO 527-4:1997)	2020-09-23
ISO/DIS 8655-8	Piston-operated volumetric apparatus — Part 8: Photometric reference measurement procedure for the determination of volume	2020-10-21	ISO/DIS 527-5	Plastics — Determination of tensile properties — Part 5: Test conditions for unidirectional fibre-reinforced plastic composites (Revision of ISO 527-5:2009)	2020-09-23
ISO/DIS 8655-9	Piston-operated volumetric apparatus — Part 9: Manually operated precision laboratory syringes	2020-10-21	ISO/DIS 14852	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium — Method by analysis of evolved carbon dioxide (Revision of ISO 14852:2018)	2020-09-24
TC 54	Essential oils		TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
ISO/DIS 9235	Aromatic natural raw materials — Vocabulary  (Revision of ISO 9235:2013, ISO 9235:2013/Cor 1:2014)	2020-10-21	ISO/DIS 18797-2	Petroleum, petrochemical and natural gas industries - External corrosion protection of risers by coatings and linings — Part 2: Maintenance and field repair coatings for riser pipes	2020-09-25

TC 68	Financial services		
ISO/DIS 10962	Securities and related financial instruments — Classification of financial instruments (CFI) code  (Revision of ISO 10962:2019)	2020-10-12	
TC 70	Internal combustion engines		
ISO/DIS 4548-6	Methods of test for full-flow lubricating oil filters for internal combustion engines — Part 6: Static burst pressure test (Revision of ISO 4548-6:2012)	2020-10-20	
TC 71	Concrete, reinforced concrete and pre-stressed concrete		
ISO/DIS 21725-1	Simplified design of prestressed concrete bridges — Part 1: I-girder bridges	2020-10-08	
ISO/DIS 21725-2	Simplified design of prestressed concrete bridges — Part 2: Box-girder bridges	2020-10-08	
TC 85	Nuclear energy, nuclear technologies, and radiological protection		
ISO/DIS 23468	Determination of heavy water isotopic purity by Fourier Transform Infrared Spectroscopy	2020-10-14	
TC 86	Refrigeration and air-conditioning		
ISO 18326:2018/DAmd 1	Non-ducted portable air-cooled air conditioners and air-to-air heat pumps having a single exhaust duct — Testing and rating for performance — Amendment 1	2020-10-07	
TC 92	Fire safety		
ISO/DIS 21925-2	Fire resistance tests — Fire dampers for air distribution systems — Part 2: Intumescent dampers	2020-10-20	
TC 104	Freight containers		
ISO 6346:1995/DAmd 4	Freight containers — Coding, identification and marking — Amendment 4: ISO 6346 — Freight containers — Coding, identification and marking- Amendment 4	2020-10-14	
TC 123	Plain bearings		
ISO/DIS 14287	Plain bearings — Pad materials for tilting pad bearings  (Revision of ISO 14287:2018)	2020-10-16	
TC 130	Graphic technology		
ISO/DIS 2836	Graphic technology — Prints and printing inks — Assessment of resistance of prints to various agents (Revision of ISO 2836:2004)	2020-10-05	
ISO/DIS 12647-8	Graphic technology — Process control for the production of half-tone colour separations, proof and production prints — Part 8: Validation print processes working directly from digital data (Revision of ISO 12647-8:2012)	2020-10-21	
TC 131	Fluid power systems		
ISO/DIS 23369	Hydraulic fluid power — Multi-pass method of evaluating filtration performance of a filter element under cyclic flow conditions	2020-09-30	
TC 138	Plastics pipes, fittings and valves for the transport of fluids		
ISO/DIS 22101-1	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 1: General	2020-10-14	
ISO/DIS 22101-2	Polyethylene reinforced with short glass fibres (PE-sGF) piping systems for industrial applications — Part 2: Pipes	2020-10-14	
ISO 11296-4:2018/DAmd 1	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks — Part 4: Lining with cured-in-place pipes — Amendment 1: Updated definitions, marking requirements and procedure for alternative expression of flexural test results	2020-10-08	
TC 146	Air quality		
ISO/DIS 24095	Workplace air — Guidance for the measurement of respirable crystalline silica  (Revision of ISO 24095:2009)	2020-10-12	
ISO/DIS 16000-6	Indoor air — Part 6: Determination of organic compounds (VVOC, VOC, SVOC) in indoor and test chamber air by active sampling on sorbent tubes, thermal desorption and gas chromatography using MS or MS FID (Revision of ISO 16000-6:2011)	2020-10-19	
TC 147	Water quality		
ISO/DIS 22104	Water quality — Determination of microcystins — Method using liquid chromatography and tandem mass spectrometry (LC-MS/MS)	2020-09-23	
TC 156	Corrosion of metals and alloys		
ISO/DIS 7539-9	Corrosion of metals and alloys — Stress corrosion testing — Part 9: Preparation and use of pre-cracked specimens for tests under rising load or rising displacement (Revision of ISO 7539-9:2003)	2020-10-20	
TC 158	Analysis of gases		
ISO 6142-1:2015/DAmd 1	Gas analysis — Preparation of calibration gas mixtures — Part 1: Gravimetric method for Class I mixtures — Amendment 1: Corrections to formulae in Annex E and Annex G	2020-10-06	
ISO 12963:2017/DAmd 1	Gas analysis — Comparison methods for the determination of the composition of gas mixtures based on one- and two-point calibration — Amendment 1: Correction to Formula 5	2020-10-06	
TC 159	Ergonomics		

ISO 11228-2:2007/DAMd 1	Ergonomics — Manual handling — Part 2: Pushing and pulling — Amendment 1	2020-10-19	ISO/DIS 20500-1	Mobile road construction machinery — Safety — Part 1: Common requirements	2020-10-02
TC 161	Controls and protective devices for gas and/or oil		ISO/DIS 20500-2	Mobile road construction machinery — Safety — Part 2: Specific requirements for road-milling machines	2020-10-02
ISO/DIS 23553-1	Safety and control devices for oil burners and oil-burning appliances — Particular requirements — Part 1: Automatic and semi-automatic valves (Revision of ISO 23553-1:2014)	2020-10-14	ISO/DIS 20500-3	Mobile road construction machinery — Safety — Part 3: Specific requirements for soil-stabilising machines and recycling machines	2020-10-02
TC 165	Timber structures		ISO/DIS 20500-4	Mobile road construction machinery — Safety — Part 4: Specific requirements for compaction machines	2020-10-02
ISO/DIS 22156	Bamboo — Structural design  (Revision of ISO 22156:2004)	2020-09-28	ISO/DIS 20500-5	Mobile road construction machinery — Safety — Part 5: Mobile Specific requirements for paver-finishers	2020-10-02
TC 180	Solar energy		ISO/DIS 20500-6	Mobile road construction machinery — Safety — Part 6: Specific requirements for mobile feeders	2020-10-02
ISO/DIS 9488	Solar energy — Vocabulary  (Revision of ISO 9488:1999)	2020-09-30	ISO/DIS 20500-7	Mobile road construction machinery — Safety — Part 7: Specific requirements for slipform paver and texture curing machines	2020-10-02
TC 182	Geotechnics		TC 201	Surface chemical analysis	
ISO/DIS 22476-4	Geotechnical investigation and testing — Field testing — Part 4: Prebored pressuremeter test by Ménard procedure (Revision of ISO 22476-4:2012)	2020-09-28	ISO/DIS 18114	Surface chemical analysis — Secondary-ion mass spectrometry — Determination of relative sensitivity factors from ion-implanted reference materials (Revision of ISO 18114:2003)	2020-09-25
TC 184	Automation systems and integration		TC 204	Intelligent transport systems	
ISO/DIS 23247-1	Automation systems and integration — Digital Twin framework for manufacturing — Part 1: Overview and general principles	2020-10-19	ISO/DIS 14907-2	Electronic fee collection — Test procedures for user and fixed equipment — Part 2: Conformance test for the on-board unit application interface (Revision of ISO/TS 14907-2:2016)	2020-10-19
ISO/DIS 23247-2	Automation systems and integration — Digital Twin framework for manufacturing — Part 2: Reference architecture	2020-10-19	ISO/DIS 21219-1	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 1: Introduction, numbering and versions (TPEG2-INV) (Revision of ISO/TS 21219-1:2016)	2020-10-20
ISO/DIS 23247-3	Automation systems and integration — Digital Twin framework for manufacturing — Part 3: Digital representation of manufacturing elements	2020-10-19	ISO/DIS 21219-9	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 9: Service and network information (TPEG2-SNI) (Revision of ISO/TS 21219-9:2016)	2020-10-20
ISO/DIS 23247-4	Automation systems and integration — Digital Twin framework for manufacturing — Part 4: Information exchange	2020-10-19	ISO/DIS 21219-10	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 10: Conditional access information (TPEG2-CAI) (Revision of ISO/TS 21219-10:2016)	2020-10-20
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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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ISO/IEC PRF 30112	Information technology — Specification methods for cultural conventions		ISO 21250-3:2020	en	Rolling bearings — Noise testing of rolling bearing greases — Part 3: Test and evaluation method MQ	D
ISO/IEC FDIS 19944-1	Cloud computing — Cloud services and devices: data flow, data categories and data use — Part 1: Fundamentals (Revision of ISO/IEC 19944:2017)	2020-09-15	ISO 21250-4:2020	en	Rolling bearings — Noise testing of rolling bearing greases — Part 4: Test and evaluation method NQ	B
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			TC 21		Equipment for fire protection and fire fighting	
			ISO 6182-17:2020	en	Fire protection — Automatic sprinkler systems — Part 17: Requirements and test methods for pressure reducing valves	C
			TC 22		Road vehicles	
			ISO 23132:2020	en	Road vehicles — Extended Vehicle (ExVe) time critical applications — General requirements, definitions and classification methodology of time-constrained situations related to Road and ExVe Safety (RExVeS)	D
			ISO 19453-6:2020	en	Road vehicles — Environmental conditions and testing for electrical and electronic equipment for drive system of electric propulsion vehicles — Part 6: Traction battery packs and systems	F
			ISO 25981:2020	en	Road vehicles — Connectors for the electrical connection of towing and towed vehicles — Connectors for electronically monitored charging systems with 12 V or 24 V nominal supply voltage	B

## Standards published

New International Standards published between 01 July and 01 August 2020

<sup>1</sup> delayed publication of language version

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

Price group

IIW		International Institute of Welding		
ISO 25239-1:2020	en fr	Friction stir welding — Aluminium — Part 1: Vocabulary		A
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ISO 11665-6:2020	fr	Measurement of radioactivity in the environment — Air: radon-222 — Part 6: Spot measurement methods of the activity concentration	C	TC 123		Plain bearings	
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ISO 23363:2020	en	Electrodeposited coatings and related finishes — Electroless Ni-P-ceramic composite coatings	B	TC 145		Graphical symbols	
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ISO 12402-3:2020	en fr	Personal flotation devices — Part 3: Lifejackets, performance level 150 — Safety requirements	D	ISO/TR 20416:2020	en fr	Medical devices — Post-market surveillance for manufacturers	F
ISO 12402-4:2020	en fr	Personal flotation devices — Part 4: Lifejackets, performance level 100 — Safety requirements	D	IEC 62366-1:2015/Amd 1:2020		Medical devices — Part 1: Application of usability engineering to medical devices — Amendment 1	BM
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ISO 22256:2020	en	Traditional Chinese medicine — Detection of irradiated natural products by photostimulated luminescence	A	IULTCS		International Union of Leather Technologists and Chemists Societies	
ISO 22258:2020	en	Traditional Chinese medicine — Determination of pesticide residues in natural products by gas chromatography	C	ISO 13365-1:2020	en fr	Leather — Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography — Part 1: Acetonitrile extraction method	A
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ISO 22580:2020	en	Flares for combustion of biogas	B	ISO/IEC 10373-6:2020	en	Cards and security devices for personal identification — Test methods — Part 6: Contactless proximity objects	H
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ISO/IEC 14543-4- 301:2020	en	Information technology — Home Electronic System (HES) architecture — Part 4-301: Application protocols for home air conditioners and controllers	D
ISO/IEC 27018:2019	fr	Information technology — Security techniques — Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors	D

ISO 3734:1997	(reconfirmed)
ISO 6551:1982	(reconfirmed)
ISO 6743-7:1986	(reconfirmed)
TC 30	Measurement of fluid flow in closed conduits
ISO 12242:2012	(reconfirmed)
ISO 17089-2:2012	
TC 34	Food products
ISO 5525:1986	(reconfirmed)
TC 38	Textiles
ISO 17299-4:2015	
ISO 18103:2015	
TC 44	Welding and allied processes
ISO 9018:2015	
ISO 17641-2:2015	
ISO 17643:2015	
ISO 23277:2015	
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TC 58	Gas cylinders
ISO 22434:2006	(reconfirmed)
TC 60	Gears
ISO 1122-1:1998	(reconfirmed)
TC 61	Plastics
ISO 6383-1:2015	
ISO 7823-3:2007	(reconfirmed)
ISO 8295:1995	(reconfirmed)
ISO 10364:2015	
ISO 11339:2010	(reconfirmed)
ISO 11501:1995	(reconfirmed)
ISO 12017:1995	(reconfirmed)
ISO 13894-1:2000	(reconfirmed)
ISO 15013:2007	(reconfirmed)
ISO 15014:2007	(reconfirmed)
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ISO 15166-2:2000	(reconfirmed)
ISO 15605:2000	(reconfirmed)
ISO 16616:2015	
ISO 17194:2007	(reconfirmed)
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ISO 19712-2:2007	(reconfirmed)
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ISO 1889:2009	(reconfirmed)
ISO 10122:2014	
ISO 15034:1999	(reconfirmed)
ISO 15040:1999	(reconfirmed)
TC 68	Financial services
ISO 9564-2:2014	

## Standards confirmed

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

TC 2	Fasteners
ISO 8748:2007	(reconfirmed)
ISO 8750:2007	(reconfirmed)
ISO 8751:2007	(reconfirmed)
ISO 225:2010	(reconfirmed)
ISO 898-7:1992	(reconfirmed)
ISO 7379:1983	(reconfirmed)
ISO 8678:1988	(reconfirmed)
ISO 12474:2010	(reconfirmed)
ISO 2320:2015	
ISO 1891-2:2014	
TC 4	Rolling bearings
ISO 6811:1998	(reconfirmed)
TC 6	Paper, board and pulps
ISO 5350-1:2006	(reconfirmed)
ISO 5350-2:2006	(reconfirmed)
ISO 5350-4:2006	(reconfirmed)
ISO 8254-1:2009	(reconfirmed)
ISO 29681:2009	(reconfirmed)
TC 8	Ships and marine technology
ISO 24408:2005	(reconfirmed)
ISO 16155:2006	(reconfirmed)
ISO 17941:2015	
TC 21	Equipment for fire protection and fire fighting
ISO 14520-12:2015	
ISO 14520-13:2015	
ISO 14520-14:2015	
ISO 14520-15:2015	
TC 27	Coal and coke
ISO 10086-2:2004	(reconfirmed)
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources

TC 69	Applications of statistical methods	TC 138	Plastics pipes, fittings and valves for the transport of fluids
ISO 11095:1996	(reconfirmed)	ISO 4435:2003	(reconfirmed)
ISO 11843-1:1997	(reconfirmed)	ISO 7675:2003	(reconfirmed)
ISO 11843-3:2003	(reconfirmed)	ISO 8283-3:1992	(reconfirmed)
ISO 11843-4:2003	(reconfirmed)	ISO 8770:2003	(reconfirmed)
TC 85	Nuclear energy, nuclear technologies, and radiological protection	ISO/TS 17902:2016	
ISO 17874-4:2006	(reconfirmed)	ISO 7509:2015	
ISO 6527:1982	(reconfirmed)	ISO 18851:2015	
ISO 7385:1983	(reconfirmed)	TC 146	Air quality
ISO 8107:1993	(reconfirmed)	ISO 11338-1:2003	(reconfirmed)
TC 92	Fire safety	ISO 11338-2:2003	(reconfirmed)
ISO 5658-2:2006	(reconfirmed)	ISO 9855:1993	(reconfirmed)
ISO 5660-1:2015		TC 159	Ergonomics
ISO/TS 5660-4:2016		ISO 9241-6:1999	(reconfirmed)
ISO 14696:2009	(reconfirmed)	ISO 11064-3:1999	(reconfirmed)
ISO 16405:2015		ISO/TS 20282-2:2013	(reconfirmed)
ISO 17554:2014		TC 160	Glass in building
TC 98	Bases for design of structures	ISO 11485-3:2014	
ISO 2394:2015		TC 162	Doors, windows and curtain walling
TC 106	Dentistry	ISO 6444:2005	(reconfirmed)
ISO 15841:2014		TC 172	Optics and photonics
ISO/TS 20746:2016		ISO 17123-8:2015	
ISO 16635-2:2014		TC 184	Automation systems and integration
TC 107	Metallic and other inorganic coatings	ISO/TS 10303-436:2006	(reconfirmed)
ISO 2747:1998	(reconfirmed)	TC 190	Soil quality
ISO 14919:2015		ISO 14388-1:2014	
ISO 14923:2003	(reconfirmed)	ISO 14388-2:2014	
ISO 14924:2005	(reconfirmed)	ISO 14388-3:2014	
TC 108	Mechanical vibration, shock and condition monitoring	ISO/TS 16727:2013	(reconfirmed)
ISO 16063-1:1998	(reconfirmed)	TC 198	Sterilization of health care products
TC 112	Vacuum technology	ISO 11138-1:2017	
ISO 27894:2009	(reconfirmed)	ISO 11138-2:2017	
ISO 27895:2009	(reconfirmed)	TC 213	Dimensional and geometrical product specifications and verification
TC 126	Tobacco and tobacco products	ISO 4291:1985	(reconfirmed)
ISO/TS 7821:2005	(reconfirmed)	ISO 14638:2015	
TC 127	Earth-moving machinery	TC 215	Health informatics
ISO 8813:1992	(reconfirmed)	ISO 22600-1:2014	
ISO 14401-1:2009	(reconfirmed)	ISO 22600-2:2014	
ISO 14401-2:2009	(reconfirmed)	ISO 22600-3:2014	
ISO 17253:2014		TC 217	Cosmetics
ISO 13539:1998	(reconfirmed)	ISO 15819:2014	
ISO 15219:2004	(reconfirmed)	TC 228	Tourism and related services
TC 132	Ferroalloys	ISO 11107:2009	(reconfirmed)
ISO 3713:1987	(reconfirmed)	JTC 1	Information technology
ISO 4158:1978	(reconfirmed)	ISO/IEC 11695-2:2015	
ISO 4159:1978	(reconfirmed)	ISO/IEC 17839-1:2014	
ISO 4551:1987	(reconfirmed)	ISO/IEC 17341:2009	(reconfirmed)
ISO 4552-1:1987	(reconfirmed)	ISO/IEC 17344:2009	(reconfirmed)
ISO 4552-2:1987	(reconfirmed)		
ISO 5447:1980	(reconfirmed)		
TC 135	Non-destructive testing		
ISO 12713:1998	(reconfirmed)		

ISO/IEC (reconfirmed)  
26925:2009  
ISO/IEC (reconfirmed)  
29642:2009  
ISO/IEC  
19763-12:2015  
ISO/IEC  
19395:2015

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## Standards withdrawn

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Period from 01 July to 01 August 2020

TC 10	Technical product documentation
ISO 128-20:1996	(replaced by ISO 128-2:2020)
ISO 128-21:1997	(replaced by ISO 128-2:2020)
ISO 128-22:1999	(replaced by ISO 128-2:2020)
ISO 128-24:2014	(replaced by ISO 128-2:2020)
ISO 128-25:1999	(replaced by ISO 128-2:2020)
ISO 128-23:1999	(replaced by ISO 128-2:2020)
TC 22	Road vehicles
ISO/PAS 16898:2012	(replaced by )
TC 44	Welding and allied processes
ISO 14329:2003	(replaced by )
ISO 12224-3:2003	(replaced by )
TC 121	Anaesthetic and respiratory equipment
ISO/TR 11991:1995	(replaced by )
ISO 10651-3:1997	(replaced by ISO 80601-2-84:2020)
TC 172	Optics and photonics
ISO/TS 18340:2015	(replaced by ISO 18340:2020)
TC 204	Intelligent transport systems
ISO 22178:2009	(replaced by )
JTC 1	Information technology
ISO/IEC 9072-1:1989	(replaced by ISO/IEC 13712-1:1995)
ISO/IEC 9072-2:1989	(replaced by ISO/IEC 13712-1:1995)
ISO/IEC 11976:2008	(replaced by )

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## Meeting calendar

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