

# ISO Update

Supplement to ISOfocus

---

April 2021

---

# 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 March to 01 April 2021

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 6 ISO/CD 187	Paper, board and pulps Paper, board and pulps — Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples	ISO/DTS 6521-2	Lubricants, industrial oils and related products (Class L) — Family D (Compressors) — Part 2: Specifications of categories DAG, DAH and DAJ (Lubricants for flooded rotary air compressors)
TC 10 ISO/CD 8887-2 ISO/CD 6284	Technical product documentation Technical product documentation — Design for manufacturing, assembling, disassembling and end-of-life processing — Part 2: Terms and definitions Construction drawings — Indication of limit deviations	TC 30 ISO/CD 24460	Measurement of fluid flow in closed conduits Measurement of fluid flow rate in closed conduits — Radioactive Tracer Methods
TC 20 ISO/CD 24564	Aircraft and space vehicles Space systems — Adhesives — General requirements	TC 34 ISO/CD 7927-1 ISO/CD 7927-2	Food products Fennel seed, whole or ground (powdered) — Part 1: Bitter fennel seed ( <i>Foeniculum vulgare</i> P. Miller var. <i>vulgare</i> ) — Specification Fennel seed, whole or ground (powdered) — Part 2: Sweet fennel ( <i>Foeniculum vulgare</i> var. <i>panmorium</i> ) — Specification
TC 22 ISO/DTS 13396 ISO/DTR 3152	Road vehicles Road vehicles — Sled test method to enable the evaluation of side impact protection of child restraint systems — Essential parameters Road vehicles — Comparison of Part 12 with other parts of ISO 26262	TC 35 ISO/CD 8130-4 ISO/CD 11127-7	Paints and varnishes Coating powders — Part 4: Calculation of lower explosion limit Preparation of steel substrates before application of paints and related products — Test methods for non-metallic blast-cleaning abrasives — Part 7: Determination of water-soluble chlorides
TC 27 ISO/CD 923 ISO/CD 7936	Coal and coke Coal cleaning equipment — Performance evaluation Hard coal — Determination and presentation of float and sink characteristics — General directions for apparatus and procedures	TC 38 ISO/CD 24040	Textiles Textiles — Determination of certain benzotriazole compounds
TC 28 ISO/CD 23877-1	Petroleum and related products, fuels and lubricants from natural or synthetic sources Petroleum and related products from natural or synthetic sources — Determination of pour point — Part 1: Automated step-wise cooling method	TC 42 ISO/DTR 12231-2 ISO/CD 18951-1 ISO/CD 18951-2	Photography Photography — Electronic still picture imaging terminology — Part 2: Comprehensive list of terms Imaging materials — Scratch resistance of photographic prints — Part 1: General test method Imaging materials — Scratch resistance of photographic prints — Part 2: Sclerometer test method
		TC 45 ISO/CD 34-1	Rubber and rubber products Rubber, vulcanized or thermoplastic — Determination of tear strength — Part 1: Trouser, angle and crescent test pieces
		TC 52 ISO/CD 24021-1	Light gauge metal containers Light gauge metal containers — Terminology and classification — Part 1: Open-top cans and ends
		TC 59 ISO/CD 11617	Buildings and civil engineering works 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
		TC 61 ISO/CD 24048.2 ISO/CD 20975-1 ISO/CD 5412 ISO/CD 5424	Plastics Plastics: Determination of bound acrylonitrile content in the continuous phase of acrylonitrile-butadiene-styrene (ABS) by Dumas combustion method Fibre-reinforced plastic composites — Determination of laminate of through-thickness properties — Part 1: Specimen designs for direct tension and compression tests Biodegradable plastic shopping bags for composting Compostable drinking straws



TC 181 ISO/CD 8124-12	Safety of toys Safety of toys — Part 12: Microbiological Safety	ISO/CD 22385	Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines for establishing a framework for trust and interoperability
TC 184 ISO/DTS 10303-17	Automation systems and integration Industrial automation systems and integration — Product data representation and exchange — Part 17: EXPRESS to SysML CXMI transformation	ISO/CD 22387	Security and resilience — Authenticity, integrity and trust for products and documents — Confirmation procedures for the application of artefact metrics
TC 190 ISO/CD 4974	Soil quality Soil quality — Guidance on soil temperature measurement	TC 296 ISO/CD 21629-2	Bamboo and rattan Bamboo floorings — Part 2: Outdoor use
ISO/DTS 5594	Guidance document on designing an interlaboratory trial for validation of biotests	ISO/CD 23067	Grading System for Rattan: Guidelines and Classification
TC 201 ISO/CD 24417	Surface chemical analysis Surface chemical analysis — Analysis of metallic nanolayers on iron based substrates by glow-discharge optical-emission spectrometry	TC 301	Energy management and energy savings
TC 205 ISO/DTS 23764.2	Building environment design Approach for non-residential Zero Energy Buildings (ZEB)	ISO/CD 50006.3	ISO 50006 Energy management systems — Evaluating Energy Performance using Energy Baselines and Energy Performance Indicators
TC 207 ISO/CD 14015	Environmental management Environmental management — Environmental Due Diligence Assessment (revision of ISO 14015:2001)	TC 304 ISO/CD 23447	Healthcare organization management Healthcare organization management — Hand hygiene performance and compliance
ISO/DTS 14029	Mutual recognition agreements between Type III Environmental Declaration (EPD) Programme Operators — Principles and procedures	TC 306 ISO/CD 23472-5	Foundry machinery Foundry machinery — Terminology — Part 5: Cupola furnaces and pouring devices and ladles
TC 210 ISO/CD 80369-20	Quality management and corresponding general aspects for medical devices Small-bore connectors for liquids and gases in healthcare applications — Part 20: Common test methods	CASCO ISO/IEC DTS 17021-13	Committee on conformity assessment Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 13: Competence requirements for auditing and certification of compliance management systems
TC 220 ISO/CD 21012	Cryogenic vessels Cryogenic vessels — Hoses	JTC 1 ISO/IEC/IEEE CD 15288	Information technology Systems and software engineering — System life cycle processes
TC 227 ISO/CD 22705-2	Springs Springs — Measurement and test parameters — Part 2: Part 2: Cold formed cylindrical helical extension springs	ISO/IEC/IEEE CD 24748-6	Systems and software engineering — Life cycle management — Part 6: System and software integration
TC 249 ISO/CD 4754	Traditional Chinese medicine Traditional Chinese Medicine — Fermented Cordyceps Powder	ISO/IEC DTS 25052-1	Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE): cloud services — Part 1: Quality Model for SaaS (Software as a Service)
TC 262 ISO/DIS 31073	Risk management Risk management – Vocabulary	ISO/IEC CD 27036-2	Information technology — Security techniques — Information security for supplier relationships — Part 2: Requirements
TC 267 ISO/CD 41018	Facility management Facility management — Development of facility management policy	ISO/IEC 23009-1:2019/ CD Amd 2	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 1: Media presentation description and segment formats — Amendment 2: Preroll, nonlinear playback and other extensions
TC 268 ISO/CD 37184	Sustainable cities and communities Smart community infrastructures — Guidance on smart transportation for providing meshes for 5G communication	ISO/IEC CD 17364	Supply chain applications of RFID — Returnable transport items (RTIs) and returnable packaging items (RPIs)
TC 292 ISO/CD 16678	Security and resilience Security and resilience - Authenticity, integrity and trust for products and documents - Guidelines for interoperable object identification and related authentication systems to deter counterfeiting and illicit trade	ISO/IEC CD 17365	Supply chain applications of RFID — Transport units
ISO/CD 22340	Security and resilience — Protective security — Guidelines for establishing an enterprise protective security architecture and management framework	ISO/IEC CD 17366	Supply chain applications of RFID — Product packaging
ISO/CD 22342	Security and resilience — Protective security — Guidelines for the development of a security plan for an organization	ISO/IEC CD 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
		ISO/IEC CD 19823-11	Information technology — Conformance test methods for security service crypto suites — Part 11: Part 11: Crypto suite PRESENT-80

ISO/IEC CD 23200-2	Information technology — Radio frequency identification for item management — Part 2: Interference rejection performance test method between an Interrogator as defined in ISO/IEC 18000-63 and a heterogeneous wireless system	ISO/DIS 24061	Ships and marine technology — High holding power balance anchor	2021-06-03
ISO/IEC CD 29167-11	Information technology — Automatic identification and data capture techniques — Part 11: Crypto suite PRESENT-80 security services for air interface communications	ISO/DIS 24169	Ships and marine technology — Fireproof watertight hatch covers	2021-06-03
ISO/IEC CD 29167-16	Information technology — Automatic identification and data capture techniques — Part 16: Crypto suite ECDSA-ECDH security services for air interface communications	ISO/DIS 23446	Marine technology — Guidelines for product water quality of seawater reverse osmosis (RO) desalination for municipal water supply	2021-06-24
ISO/IEC CD 19794-14.3	Information technology — Biometric data interchange formats — Part 14: DNA data	TC 17	Steel	
ISO/IEC CD 30107-3	Information technology — Biometric presentation attack detection — Part 3: Testing and reporting	ISO/DIS 23213	Carbon steel wire for bedding and seating springs	2021-06-23
ISO/IEC CD 39794-2.2	Information technology — Extensible biometric data interchange formats — Part 2: Finger minutiae data	TC 20	Aircraft and space vehicles	
ISO/IEC DTR 3445	Information technology - Cloud computing - Audit of cloud services	ISO/DIS 24071	Aircraft — Autotransformer Rectifier Units (ATRU) — General requirements	2021-06-03
ISO/IEC DTS 20000-5	Information technology — Service management — Part 5: Implementation guidance for ISO/IEC 20000-1	ISO/DIS 16457	Space environment (natural and artificial) — The Earth's ionosphere model — International reference ionosphere (IRI) model and extensions to the plasmasphere (Revision of ISO 16457:2014)	2021-06-04
		ISO/DIS 21384-2	Unmanned aircraft systems — Part 2: UAS Components	2021-06-03

## DIS circulated

Period from 01 March to 01 April 2021

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 13820	Paper, board and corrugated fibreboard — Description and calibration of fixed platen compression-testing equipment (Revision of ISO 13820:2014)			2021-06-15
TC 8	Ships and marine technology			
ISO/DIS 1704	Ships and marine technology — Stud-link anchor chains  (Revision of ISO 1704:2008)			2021-06-03
ISO/DIS 24045	Ships and marine technology — Adjustable roller-type chain stopper			2021-05-31
ISO/DIS 24059	Ships and marine technology — Anchor chain releaser			2021-05-31
		TC 21	Equipment for fire protection and fire fighting	
		ISO/DIS 6183	Fire protection equipment — Carbon dioxide extinguishing systems for use on premises — Design and installation (Revision of ISO 6183:2009/Amd 1:2017, ISO 6183:2009, ISO 6183:2009/Amd 2:2019)	2021-06-01
		TC 22	Road vehicles	
		ISO/DIS 13209-2	Road vehicles — Open Test sequence eXchange format (OTX) — Part 2: Core data model specification and requirements (Revision of ISO 13209-2:2012)	2021-06-09
		ISO/DIS 13209-3	Road vehicles — Open Test sequence eXchange format (OTX) — Part 3: Standard extensions and requirements (Revision of ISO 13209-3:2012)	2021-06-09
		ISO/DIS 31120-1	Road vehicles — injection water — Part 1: Quality requirements	2021-06-24
		ISO/DIS 5685	Road vehicles — Testing the abrasion resistance of automotive glazing with the windscreen wiper test	2021-06-17
		TC 23	Tractors and machinery for agriculture and forestry	
		ISO/DIS 16119-5	Agricultural and forestry machinery — Environmental requirements for sprayers — Part 5: Aerial spray systems	2021-06-02

ISO 11850:2011/DAmD 2.2	Machinery for forestry — General safety requirements — Amendment 2: Access to operator's station and maintenance locations	2021-05-06	ISO/DIS 10675-2	Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 2: Aluminium and its alloys (Revision of ISO 10675-2:2017)	2021-06-10
ISO/DIS 13457	Agricultural irrigation equipment — Water-driven chemical injector pumps  (Revision of ISO 13457:2008)	2021-06-02	ISO 13918:2017/DAmD 1	Welding — Studs and ceramic ferrules for arc stud welding — Amendment 1	2021-06-02
TC 24	Particle characterization including sieving		TC 45	Rubber and rubber products	
ISO 21501-4:2018/DAmD 1	Determination of particle size distribution — Single particle light interaction methods — Part 4: Light scattering airborne particle counter for clean spaces — Amendment 1	2021-06-08	ISO/DIS 18064	Thermoplastic elastomers — Nomenclature and abbreviated terms  (Revision of ISO 18064:2014)	2021-06-22
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources		ISO/DIS 23508	Solution-polymerized SBR — Evaluation methods of viscoelastic properties	2021-06-22
ISO/DIS 7507-2	Petroleum and liquid petroleum products — Calibration of vertical cylindrical tanks — Part 2: Optical-reference-line method or electro-optical distance-ranging method (Revision of ISO 7507-2:2005)	2021-06-08	TC 51	Pallets for unit load method of materials handling	
TC 34	Food products		ISO/DIS 8611-1	Pallets for materials handling — Flat pallets — Part 1: Test methods  (Revision of ISO 8611-1:2011)	2021-06-08
ISO/DIS 24223	Cheese — Guidance on sample preparation for physical and chemical testing	2021-06-08	ISO/DIS 8611-2	Pallets for materials handling — Flat pallets — Part 2: Performance requirements and selection of tests (Revision of ISO 8611-2:2011, ISO 8611-2:2011/Amd 1:2016)	2021-06-08
ISO/DIS 22949-1	Molecular biomarker analysis — Methods of analysis for the detection and identification of animal species in foods and food products (nucleotide sequencing-based methods) — Part 1: General requirements	2021-06-22	TC 58	Gas cylinders	
TC 38	Textiles		ISO/DIS 23876	Gas cylinders — Cylinders and tubes of composite construction — Acoustic emission examination (AT) for periodic inspection and testing	2021-06-21
ISO/DIS 23332-1	Textiles — Determination of index ingredient from coloured textile — Part 1: Catechu	2021-05-31	TC 59	Buildings and civil engineering works	
ISO/DIS 23332-2	Textiles — Determination of index ingredient from coloured textile — Part 2: Lac	2021-05-31	ISO/DIS 10591	Building and civil engineering sealants — Determination of adhesion/cohesion properties of sealants after immersion in water (Revision of ISO 10591:2005)	2021-06-14
ISO/DIS 23332-3	Textiles — Determination of index ingredient from coloured textile — Part 3: Punica granatum	2021-05-31	ISO/DIS 11432	Building and civil engineering sealants — Determination of resistance to compression  (Revision of ISO 11432:2005)	2021-06-14
TC 39	Machine tools		ISO/DIS 15928-6	Houses — Description of performance — Part 6: Sustainable development contributions	2021-06-15
ISO/DIS 230-12	Test code for machine tools — Part 12: Accuracy of finished test pieces	2021-06-10	TC 61	Plastics	
TC 42	Photography		ISO/DIS 6721-12	Plastics — Determination of dynamic mechanical properties — Part 12: Compressive vibration — Non-resonance method (Revision of ISO 6721-12:2009)	2021-06-07
ISO/DIS 14548	Photography — Dimensions of glass plates  (Revision of ISO 14548:1998)	2021-06-11	ISO/DIS 11357-7	Plastics — Differential scanning calorimetry (DSC) — Part 7: Determination of crystallization kinetics (Revision of ISO 11357-7:2015)	2021-06-07
TC 44	Welding and allied processes		ISO/DIS 15013	Plastics — Extruded sheets of polypropylene (PP) — Requirements and test methods  (Revision of ISO 15013:2007)	2021-06-21

ISO/DIS 15527	Plastics — Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD) — Requirements and test methods (Revision of ISO 15527:2018)	2021-06-21	TC 122 ISO/DIS 24259	Packaging Steel strapping for packaging	(Revision of ISO 27427:2013)	2021-06-07
ISO/DIS 1888	Textile glass — Staple fibres or filaments — Determination of average diameter  (Revision of ISO 1888:2006)	2021-06-21	TC 123 ISO/DIS 4384-2	Plain bearings Plain bearings — Hardness testing of bearing metals — Part 2: Solid materials	(Revision of ISO 4384-2:2011)	2021-06-23
TC 68 ISO/DIS 24366	Financial services Financial services – Natural Person Identifier (NPI)	2021-06-02	TC 138	Plastics pipes, fittings and valves for the transport of fluids		
TC 85 ISO/DIS 19461-2	Nuclear energy, nuclear technologies, and radiological protection Radiological protection — Measurement for the clearance of waste contaminated with radioisotopes for medical application — Part 2: Management of solid radioactive waste in nuclear medicine facilities	2021-06-07	ISO/DIS 16486-4	Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 4: Valves (Revision of ISO 16486-4:2016)		2021-06-15
TC 86 ISO/DIS 24664	Refrigeration and air-conditioning Refrigerating systems and heat pumps — Pressure relief devices and their associated piping — Methods for calculation	2021-06-17	TC 145 ISO/DIS 22578	Graphical symbols Graphical symbols — Safety colours and safety signs — Natural disaster safety way guidance system		2021-05-31
ISO/DIS 17584	Refrigerant properties  (Revision of ISO 17584:2005)	2021-06-23	TC 146 ISO/DIS 23320	Air quality Workplace air — Gases and vapours — Requirements for evaluation of measuring procedures using diffusive samplers		2021-06-16
TC 106 ISO/DIS 20126	Dentistry Dentistry — Manual toothbrushes — General requirements and test methods  (Revision of ISO 20126:2012, ISO 20126:2012/Amd 1:2018)	2021-05-31	ISO/DIS 16000-3	Indoor air — Part 3: Determination of formaldehyde and other carbonyl compounds in indoor and test chamber air — Active sampling method (Revision of ISO 16000-3:2011)		2021-06-09
TC 107 ISO/DIS 4531	Metallic and other inorganic coatings Vitroous and porcelain enamels — Release from enamelled articles in contact with food — Methods of test and limits (Revision of ISO 4531:2018)	2021-05-31	TC 147 ISO/DIS 5667-26	Water quality Water quality — Sampling — Part 26: Guidance on sampling for the parameters of the oceanic carbon dioxide system		2021-06-22
ISO/DIS 9220	Metallic coatings — Measurement of coating thickness — Scanning electron microscope method (Revision of ISO 9220:1988)	2021-06-16	TC 161 ISO/DIS 23551-9.2	Controls and protective devices for gas and/or oil Safety and control devices for gas burners and gas-burning appliances — Particular requirements — Part 9: Mechanical gas thermostats (Revision of ISO 23551-9:2015)		2021-05-13
TC 121 ISO/DIS 5361	Anaesthetic and respiratory equipment Anaesthetic and respiratory equipment — Tracheal tubes and connectors  (Revision of ISO 5361:2016)	2021-06-17	TC 164 ISO/DIS 1352	Mechanical testing of metals Metallic materials — Torque-controlled fatigue testing		2021-06-14
ISO/DIS 5367	Anaesthetic and respiratory equipment — Breathing sets and connectors  (Revision of ISO 5367:2014)	2021-06-22	TC 172 ISO/DIS 10942	Optics and photonics Ophthalmic instruments — Direct ophthalmoscopes		2021-06-14
ISO/DIS 27427	Anaesthetic and respiratory equipment — Nebulizing systems and components	2021-06-11	TC 184	Automation systems and integration		

ISO/DIS 10303-243	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)	2021-06-22
TC 188 ISO/DIS 9650-1	Small craft Small craft — Inflatable liferafts — Part 1: Type I and II  (Revision of ISO 9650-1:2005, ISO 9650-2:2005)	2021-05-31
TC 198  ISO 18362:2016/ DAmd 1	Sterilization of health care products Manufacture of cell-based health care products — Control of microbial risks during processing — Amendment 1	2021-06-08
ISO 25424:2018/ DAmd 1	Sterilization of health care products — Low temperature steam and formaldehyde — Requirements for development, validation and routine control of a sterilization process for medical devices — Amendment 1	2021-06-22
TC 202 ISO/DIS 23703	Microbeam analysis Microbeam analysis — Guide-line for misorientation analysis to assess mechanical damage of austenitic stainless steel by electron backscatter diffraction (EBSD)	2021-06-16
TC 204  ISO/DIS 23795-1	Intelligent transport systems Intelligent transport systems — Extracting trip data via nomadic device for estimating CO2 emissions — Part 1: Fuel consumption determination for fleet management	2021-06-02
TC 213  ISO/DIS 10360-11	Dimensional and geometrical product specifications and verification Geometrical product specifications (GPS) — Acceptance and reverification tests for coordinate measuring systems (CMS) — Part 11: CMSs using the principle of X-ray computed tomography (CT)	2021-06-22
TC 220 ISO/DIS 21011	Cryogenic vessels Cryogenic vessels — Valves for cryogenic service  (Revision of ISO 21011:2008)	2021-06-14
TC 269 ISO/DIS 22074-8	Railway applications Railway infrastructure — Rail fastening systems — Part 8: Determination of stiffness	2021-06-15
TC 276  ISO 21709:2020/ DAmd 1	Biotechnology Biotechnology — Biobanking — Process and quality requirements for establishment, maintenance and characterization of mammalian cell lines — Amendment 1	2021-06-11

JTC 1 ISO/IEC/IEEE DIS 26514	Information technology Systems and software engineering — Design and development of information for users  (Revision of ISO/IEC 26514:2008)	2021-06-03
ISO/IEC/IEEE DIS 29119-1	Software and systems engineering — Software testing — Part 1: Concepts and definitions  (Revision of ISO/IEC/IEEE 29119-1:2013)	2021-06-07
ISO/IEC 30193:2020/ DAmd 1	Information technology — Digitally recorded media for information interchange and storage — 120 mm Triple Layer (100,0 Gbytes per disk) BD Rewritable disk — Amendment 1	2021-05-31
ISO/IEC DIS 20897-2	Information security, cybersecurity and privacy protection — Physically unclonable functions — Part 2: Test and evaluation methods	2021-06-10
ISO/IEC DIS 17367	Supply chain applications of RFID — Product tagging  (Revision of ISO 17367:2013)	2021-06-03
ISO/IEC DIS 23941	Information technology — Automatic identification and data capture techniques — Rectangular Micro QR Code (rMQR) bar code symbology specification	2021-06-11
ISO/IEC DIS 24458	Information technology – Automatic identification and data capture techniques – Bar code printer and bar code reader performance testing specification	2021-06-11
ISO/IEC DIS 15944-16	Information technology — Business operational view — Part 16: Consolidated set of the rules and guidelines identified in ISO/IEC 15944 Business Operational View standards and their IT-enablement	2021-05-31

## FDIS circulated

Period from 01 March to 01 April 2021

These Final draft International Standards have been submitted to the ISO member bodies for formal approval by the date shown

\* Available in English only

TC 1 ISO 965- 2:1998/FDAmd 1	Screw threads ISO general purpose metric screw threads — Tolerances — Part 2: Limits of sizes for general purpose external and internal screw threads — Medium quality — Amendment 1	2021-05-27	Vote terminates
---------------------------------------	---	------------	--------------------



ISO/FDIS 965-3	ISO general purpose metric screw threads — Tolerances — Part 3: Limit deviations for screw threads (Revision of ISO 965-3:1998)	2021-05-27	ISO/PRF TS 22295	Space environment (natural and artificial) — Modelling of space environment impact on nano-structured materials — General principles	
ISO/FDIS 965-4	ISO general purpose metric screw threads — Tolerances — Part 4: Limits of sizes for hot-dip galvanized external screw threads to mate with internal screw threads tapped with tolerance position H or G after galvanizing (Revision of ISO 965-4:1998)	2021-05-27	TC 22 ISO/PRF 17215-3	Road vehicles Road vehicles — Video communication interface for cameras (VCIC) — Part 3: Camera message dictionary (Revision of ISO 17215-3:2014)	
ISO 965-5:1998/FDAmD 1	ISO general purpose metric screw threads — Tolerances — Part 5: Limits of sizes for internal screw threads to mate with hot-dip galvanized external screw threads with maximum size of tolerance position h before galvanizing — Amendment 1	2021-05-27	ISO/FDIS 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)	2021-04-30
TC 4	Rolling bearings		ISO/FDIS 18541-2	Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 2: Technical requirements (Revision of ISO 18541-2:2014)	2021-04-30
ISO/PRF TR 1281-1	Rolling bearings — Explanatory notes on ISO 281 — Part 1: Basic dynamic load rating and basic rating life (Revision of ISO/TR 1281-1:2008, ISO/TR 1281-1:2008/Cor 1:2009)		ISO/FDIS 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)	2021-04-30
TC 8	Ships and marine technology		ISO/FDIS 18541-4	Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 4: Conformance test (Revision of ISO 18541-4:2015)	2021-04-30
ISO/FDIS 22548	Ships and marine technology — Performance test procedures for LNG fuel gas supply systems (FGSS) for ships	2021-04-29	ISO/PRF 21806-10	Road vehicles — Media Oriented Systems Transport (MOST) — Part 10: 150-Mbit/s coaxial physical layer	
ISO/FDIS 23152	Ships and marine technology — Ballast water management systems (BWMS) — Computational physical modelling and calculations on scaling of UV reactors	2021-05-07	ISO/PRF 21806-11	Road vehicles — Media Oriented Systems Transport (MOST) — Part 11: 150-Mbit/s coaxial physical layer conformance test plan	
ISO/PRF 28005-2	Ships and marine technology — Electronic port clearance (EPC) — Part 2: Core data elements (Revision of ISO 28005-2:2011)		ISO/PRF 21806-12	Road vehicles — Media Oriented Systems Transport (MOST) — Part 12: 50-Mbit/s balanced media physical layer	
TC 20	Aircraft and space vehicles		ISO/PRF 21806-13	Road vehicles — Media Oriented Systems Transport (MOST) — Part 13: 50-Mbit/s balanced media physical layer conformance test plan	
ISO/PRF 20291-2	Air cargo — Restraint slings — Part 2: Utilization requirements and recommendations and lashing calculations		ISO/PRF 21806-14	Road vehicles — Media Oriented Systems Transport (MOST) — Part 14: Lean application layer	
ISO/FDIS 7319	Aerospace — Fluid systems — Interface of 24° cone metric couplings (Revision of ISO 7319:1992)	2021-04-28	ISO/PRF 21806-15	Road vehicles — Media Oriented Systems Transport (MOST) — Part 15: Lean application layer conformance test plan	
ISO/FDIS 7320	Aerospace — Couplings, threaded and sealed, for fluid systems — Dimensions (Revision of ISO 7320:1992)	2021-04-28	ISO/FDIS 3911	Wheels and rims for pneumatic tyres — Vocabulary, designation and marking (Revision of ISO 3911:2004)	2021-05-14
ISO/PRF 14200	Space environment (natural and artificial) — Process-based implementation of meteoroid and debris environment models (orbital altitudes below GEO + 2 000 km) (Revision of ISO 14200:2012)		ISO/PRF 19206-3	Road vehicles — Test devices for target vehicles, vulnerable road users and other objects, for assessment of active safety functions — Part 3: Requirements for passenger vehicle 3D targets	
ISO/FDIS 15864	Space systems — General test methods for space craft, subsystems and units (Revision of ISO 15864:2004)	2021-05-20	ISO 21233	Heavy commercial vehicles and buses — Vehicle dynamics simulation and validation — Closing-curve test	

ISO 17536-1:2015/PRF Amd 1	Road vehicles — Aerosol separator performance test for internal combustion engines — Part 1: General — Amendment 1	TC 23	Tractors and machinery for agriculture and forestry	
ISO/PRF 2575	Road vehicles — Symbols for controls, indicators and tell-tales  (Revision of ISO 2575:2010/Amd 6:2017, ISO 2575:2010/Amd 7:2017, ISO 2575:2010/Amd 3:2014, ISO 2575:2010/Amd 5:2016, ISO 2575:2010, ISO 2575:2010/Amd 1:2011)	ISO/FDIS 15886-2	Agricultural irrigation equipment — Sprinklers — Part 2: Design and operation requirements  (Revision of ISO 7749-1:1995)	2021-05-07
ISO/PRF 12614-1	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 1: General requirements and definitions (Revision of ISO 12614-1:2014)	TC 27	Coal and coke	
ISO/PRF 12614-2	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 2: Performance and general test methods (Revision of ISO 12614-2:2014)	ISO/FDIS 728	Coke — Size analysis by sieving  (Revision of ISO 728:1995, ISO 2325:1986)	2021-04-27
ISO/PRF 12614-3	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 3: Check valve (Revision of ISO 12614-3:2014)	TC 29	Small tools	
ISO/PRF 12614-4	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 4: Manual valve (Revision of ISO 12614-4:2014)	ISO 8404	Tools for moulding — Angle pins  (Revision of ISO 8404:2013)	
ISO/PRF 12614-5	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 5: Tank pressure gauge (Revision of ISO 12614-5:2014)	TC 31	Tyres, rims and valves	
ISO/PRF 12614-7	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 7: Pressure relief valve (PRV) (Revision of ISO 12614-7:2014)	ISO/FDIS 18804	Rims for agricultural, forestry and construction machines  (Revision of ISO 18804:2017)	2021-04-26
ISO/PRF 12614-8	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 8: Excess flow valve (Revision of ISO 12614-8:2014)	TC 34	Food products	
ISO/PRF 12614-9	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 9: Gas-tight housing and ventilation hose (Revision of ISO 12614-9:2014)	ISO/PRF TR 23304	Food products — Guidance on how to express vitamins and their vitamers content	
ISO/PRF 12614-10	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 10: Rigid fuel line in stainless steel (Revision of ISO 12614-10:2014)	ISO/PRF 14501	Milk and milk powder — Determination of aflatoxin M1 content — Clean-up by immunoaffinity chromatography and determination by high-performance liquid chromatography (Revision of ISO 14501:2007)	
ISO/PRF 12614-11	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 11: Fittings (Revision of ISO 12614-11:2014)	ISO/PRF TS 23758	Guidelines for the validation of qualitative screening methods for the detection of residues of veterinary drugs in milk and milk products	
ISO/PRF 12614-12	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 12: Rigid fuel line in copper and its alloys (Revision of ISO 12614-12:2014)	ISO/PRF TS 21569-2	Molecular biomarker analysis — Qualitative PCR-based DNA analytical methods — Part 2: Construct-specific real-time PCR method for detection of event FP967 in linseed and linseed products (Revision of ISO/TS 21569-2:2012)	
ISO/PRF 12614-13	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 13: Tank pressure control regulator (Revision of ISO 12614-13:2014)	TC 35	Paints and varnishes	
		ISO/FDIS 28199-2	Paints and varnishes — Evaluation of properties of coating systems related to the spray application process — Part 2: Colour stability, process hiding power, re-dissolving, overspray absorption, wetting, surface texture and mottling (Revision of ISO 28199-2:2009)	2021-05-05
		ISO/FDIS 28199-3	Paints and varnishes — Evaluation of properties of coating systems related to the spray application process — Part 3: Assessment of sagging, formation of bubbles, pinholing and hiding power (Revision of ISO 28199-3:2009)	2021-05-05
		TC 38	Textiles	

ISO/FDIS 20743	Textiles — Determination of antibacterial activity of textile products  (Revision of ISO 20743:2013)	2021-05-03	ISO 24070-1	Building and civil engineering sealants — Determination of cured thickness of one-component sealant — Part 1: Taper-shaped groove test method	
ISO/PRF 2313-1	Textiles — Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery — Part 1: Method of the horizontally folded specimen (Revision of ISO 2313:1972)		ISO 24070-2	Building and civil engineering sealants — Determination of cured thickness of one-component sealant — Part 2: Cylindrical cup test method	
ISO/PRF 2313-2	Textiles — Determination of the recovery from creasing of a folded specimen of fabric by measuring the angle of recovery — Part 2: Method of the vertically folded specimen (Revision of ISO 2313:1972)		ISO/PRF TR 23262	GIS (geospatial) / BIM interoperability	
TC 43	Acoustics		ISO/FDIS 15928-7	Houses — Description of performance — Part 7: Accessibility and usability	2021-05-24
ISO/PRF TS 15666	Acoustics — Assessment of noise annoyance by means of social and socio-acoustic surveys (Revision of ISO/TS 15666:2003)		TC 61	Plastics	
TC 44	Welding and allied processes		ISO/FDIS 11403-1	Plastics — Acquisition and presentation of comparable multipoint data — Part 1: Mechanical properties (Revision of ISO 11403-1:2014)	2021-05-05
ISO/FDIS 8167	Resistance welding — Embossed projection welding — Projections for resistance welding (Revision of ISO 8167:1989)	2021-04-29	ISO/FDIS 11403-3	Plastics — Acquisition and presentation of comparable multipoint data — Part 3: Environmental influences on properties (Revision of ISO 11403-3:2014)	2021-05-05
TC 45	Rubber and rubber products		ISO/FDIS 17555	Plastics — Film and sheeting — Biaxially oriented polypropylene (PP) films  (Revision of ISO 17555:2003)	2021-05-27
ISO/FDIS 10619-2	Rubber and plastics hoses and tubing — Measurement of flexibility and stiffness — Part 2: Bending tests at sub-ambient temperatures (Revision of ISO 10619-2:2017)	2021-05-24	ISO/FDIS 19095-6	Plastics — Evaluation of the adhesion interface performance in plastic-metal assemblies — Part 6: Accelerated degradation test	2021-05-25
ISO/FDIS 9026	Raw rubber or unvulcanized compounds — Determination of green strength  (Revision of ISO 9026:2007)	2021-06-24	ISO/FDIS 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)	2021-05-18
ISO/FDIS 248-1	Rubber, raw — Determination of volatile-matter content — Part 1: Hot-mill method and oven method (Revision of ISO 248-1:2011)	2021-05-26	ISO/FDIS 23832	Plastics — Test methods for determination of degradation rate and disintegration degree of plastic materials exposed to marine environmental matrices under laboratory conditions	2021-05-13
ISO/PRF 6452	Rubber- or plastics-coated fabrics — Determination of fogging characteristics of trim materials in the interior of automobiles (Revision of ISO 6452:2007)		TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	
TC 54	Essential oils		ISO/FDIS 20257-2	Installation and equipment for liquefied natural gas - Design of floating LNG installations — Part 2: Specific FSRU issues	2021-04-27
ISO/PRF 4727	Essential oil of palmarosa [Cymbopogon martini (Roxb.) W. Watson var. motia] (Revision of ISO 4727:1988)		TC 68	Financial services	
ISO/FDIS 9235	Aromatic natural raw materials — Vocabulary  (Revision of ISO 9235:2013, ISO 9235:2013/Cor 1:2014)	2021-05-20	ISO 10962	Securities and related financial instruments — Classification of financial instruments (CFI) code (Revision of ISO 10962:2019)	
TC 59	Buildings and civil engineering works		TC 83	Sports and other recreational facilities and equipment	
			ISO/FDIS 23223	Alpine ski boots with improved walking soles — Interface with alpine ski-bindings – Requirements and test methods	2021-04-26
			TC 89	Wood-based panels	

ISO/PRF 1096	Plywood — Classification		(Revision of ISO 6488:2004, ISO 6488:2004/Cor 1:2008)
	(Revision of ISO 1096:2014)		
TC 92	Fire safety		
ISO/FDIS 21925-2	Fire resistance tests — Fire dampers for air distribution systems — Part 2: Intumescent dampers	2021-05-20	
TC 94	Personal safety — Personal protective equipment		
ISO/FDIS 19818-1	Eye and face protection — Protection against laser radiation — Part 1: Requirements and test methods (Revision of ISO 6161:1981)	2021-05-21	
ISO/FDIS 17420-5	Respiratory protective devices — Performance requirements — Part 5: Special application fire and rescue services - Supplied breathable gas RPD and filtering RPD	2021-05-11	
TC 96	Cranes		
ISO/PRF TS 23624	Cranes — Safe use of high-performance fibre ropes in crane applications		
ISO/FDIS 7752-5	Cranes — Control layout and characteristics — Part 5: Bridge and gantry cranes (Revision of ISO 7752-5:1985)	2021-05-19	
ISO/FDIS 9374-5	Cranes — Information to be provided — Part 5: Overhead travelling cranes and portal bridge cranes (Revision of ISO 9374-5:1991)	2021-05-18	
TC 106	Dentistry		
ISO/FDIS 24234	Dentistry — Dental amalgam (Revision of ISO 24234:2015)	2021-04-28	
TC 110	Industrial trucks		
ISO/FDIS 3691-6	Industrial trucks — Safety requirements and verification — Part 6: Burden and personnel carriers (Revision of ISO 3691-6:2013)	2021-05-27	
ISO/FDIS 22915-3	Industrial trucks — Verification of stability — Part 3: Reach and straddle trucks (Revision of ISO 22915-3:2014)	2021-04-26	
TC 113	Hydrometry		
ISO/FDIS 23350	Hydrometry — Catching-type liquid precipitation measuring gauges	2021-05-07	
TC 117	Fans		
ISO/FDIS 12759-5	Fans — Efficiency classification for fans — Part 5: Jet fans	2021-05-27	
TC 126	Tobacco and tobacco products		
ISO/FDIS 6488	Tobacco and tobacco products — Determination of water content — Karl Fischer method	2021-05-24	
TC 127	Earth-moving machinery		
ISO/PRF TR 6750-2	Earth-moving machinery — Operator's manual — Part 2: List of references (Revision of ISO/TR 6750-2:2020)		
TC 130	Graphic technology		
ISO/FDIS 2836	Graphic technology — Prints and printing inks — Assessment of resistance of prints to various agents (Revision of ISO 2836:2004)	2021-04-30	
ISO/FDIS 12647-9	Graphic technology — Process control for the production of half-tone colour separations, proof and production prints — Part 9: Metal decoration printing processes using offset lithography	2021-05-25	
ISO/FDIS 20616-1	Graphic technology — File format for quality control and metadata — Part 1: Print requirements eXchange (PRX)	2021-05-12	
ISO/FDIS 22934	Graphic technology — Communication of offset ink properties	2021-04-27	
TC 131	Fluid power systems		
ISO/FDIS 23369	Hydraulic fluid power — Multi-pass method of evaluating filtration performance of a filter element under cyclic flow conditions	2021-05-06	
TC 134	Fertilizers, soil conditioners and beneficial substances		
ISO/FDIS 22018.2	Fertilizers, soil conditioners and beneficial substances — Determination of EDTA soluble phosphorus content in inorganic fertilizers	2021-05-05	
TC 138	Plastics pipes, fittings and valves for the transport of fluids		
ISO/PRF 4152	Glass-reinforced thermosetting plastics (GRP) pipes — Determination of the apparent axial long-term modulus of pipes subject to beam bending		
ISO/FDIS 8233	Thermoplastics valves — Torque — Test method (Revision of ISO 8233:1988)	2021-04-30	
TC 147	Water quality		
ISO/FDIS 22104	Water quality — Determination of microcystins — Method using liquid chromatography and tandem mass spectrometry (LC-MS/MS)	2021-04-29	
ISO/FDIS 10703	Water quality — Gamma-ray emitting radionuclides — Test method using high resolution gamma-ray spectrometry (Revision of ISO 10703:2007)	2021-05-27	
ISO/FDIS 13160	Water quality — Strontium 90 and strontium 89 — Test methods using liquid scintillation counting or proportional counting (Revision of ISO 13160:2012)	2021-05-07	

ISO/FDIS 13163	Water quality — Lead-210 — Test method using liquid scintillation counting  (Revision of ISO 13163:2013)	2021-05-20	ISO/FDIS 11199-2	Assistive products for walking manipulated by both arms — Requirements and test methods — Part 2: Rollators (Revision of ISO 11199-2:2005)	2021-05-11
TC 150 ISO 7206-10:2018/PRF Amd 1	Implants for surgery — Partial and total hip-joint prostheses — Part 10: Determination of resistance to static load of modular femoral heads — Amendment 1		ISO/FDIS 22748	Absorbent incontinence products for urine and/or faeces — Product type names and illustrations (Revision of ISO 9949-1:1993, ISO 9949-2:1993, ISO 9949-3:1993)	2021-05-21
ISO/PRF 23089-2	Implants for surgery — Pre-clinical mechanical assessment of spinal implants and particular requirements — Part 2: Spinal intervertebral body fusion devices		TC 174	Jewellery and precious metals	
TC 153 ISO/FDIS 5752	Valves Metal valves for use in flanged pipe systems — Face-to-face and centre-to-face dimensions  (Revision of ISO 5752:1982)	2021-05-11	ISO/FDIS 23345	Jewellery and precious metals — Non destructive precious metal fineness confirmation by ED-XRF	2021-05-21
TC 162	Doors, windows and curtain walling		TC 176	Quality management and quality assurance	
ISO/FDIS 22497	Doors, windows and curtain walling — Curtain walling — Vocabulary  (Revision of ISO/TR 10017:2003)	2021-05-26	ISO/FDIS 10017	Quality management — Guidance on statistical techniques for ISO 9001:2015	2021-05-24
TC 164	Mechanical testing of metals		TC 184	Automation systems and integration	
ISO/FDIS 22407	Metallic materials — Fatigue testing — Axial plane bending method  (Revision of ISO 18001:2003)	2021-04-29	ISO/FDIS 21919-2	Physical device control — Interfaces for automated machine tending — Part 2: Safety and control interface	2021-05-18
TC 171	Document management applications		ISO 8000-2:2020/PRF Amd 1	Data quality — Part 2: Vocabulary — Amendment 1	
ISO/FDIS 19475	Document management — Minimum requirements for the storage of documents  (Revision of ISO/TS 19475-3:2018, ISO/TS 19475-2:2018, ISO/TS 19475-1:2018)	2021-05-18	ISO/TS 8000-81	Data quality — Part 81: Data quality assessment: Profiling	
TC 172 ISO/FDIS 14490-5	Optics and photonics Optics and photonics — Test methods for telescopic systems — Part 5: Test methods for transmittance (Revision of ISO 14490-5:2017)	2021-05-14	ISO/PRF TS 10303-18	Industrial automation systems and integration — Product data representation and exchange — Part 18: Description methods: SysML XML to Web services transformation	
ISO/PRF 8600-8	Endoscopes — Medical endoscopes and endotherapy devices — Part 8: Particular requirements for capsule endoscopes		TC 189	Ceramic tile	
ISO/FDIS 15253	Ophthalmic optics and instruments — Optical and electro-optical devices for enhancing low vision (Revision of ISO 15253:2000, ISO 15254:2009)	2021-05-27	ISO/FDIS 10545-10	Ceramic tiles — Part 10: Determination of moisture expansion  (Revision of ISO 10545-10:1995)	2021-05-24
ISO/FDIS 19980	Ophthalmic instruments — Corneal topographers  (Revision of ISO 19980:2012)	2021-05-05	ISO/FDIS 10545-15	Ceramic tiles — Part 15: Determination of lead and cadmium given off by tiles  (Revision of ISO 10545-15:1995)	2021-05-11
ISO/FDIS 13142	Optics and photonics — Lasers and laser-related equipment — Cavity ring-down method for high-reflectance and high-transmittance measurements (Revision of ISO 13142:2015)	2021-05-13	ISO/FDIS 17889-1	Ceramic tiling systems — Sustainability for ceramic tiles and installation materials — Part 1: Specification for ceramic tiles	2021-05-06
TC 173	Assistive products		TC 190	Soil quality	
			ISO/FDIS 15192	Soil and waste — Determination of Chromium(VI) in solid material by alkaline digestion and ion chromatography with spectrophotometric detection (Revision of ISO 15192:2010)	2021-05-25
			TC 204	Intelligent transport systems	
			ISO/PRF TS 20684-2	Intelligent transport systems — Roadside modules SNMP data interface — Part 2: Generalized field device basic management	

TC 206 ISO/FDIS 23331	Fine ceramics Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for total electrical conductivity of conductive fine ceramics	2021-05-27	ISO/PRF TS 22292	Nanotechnologies — 3D image reconstruction of rod-supported nano-objects using transmission electron microscopy	
TC 207 ISO 14021:2016/ FDAMd 1	Environmental management Environmental labels and declarations — Self-declared environmental claims (Type II environmental labelling) — Amendment 1: Carbon footprint, carbon neutral	2021-04-30	TC 238 ISO/FDIS 17225-5	Solid biofuels Solid biofuels — Fuel specifications and classes — Part 5: Graded firewood	2021-05-11
TC 210 ISO/FDIS 15223-1	Quality management and corresponding general aspects for medical devices Medical devices — Symbols to be used with information to be supplied by the manufacturer — Part 1: General requirements (Revision of ISO 15223-1:2016)	2021-05-03	ISO/FDIS 17225-6	(Revision of ISO 17225-5:2014) Solid biofuels — Fuel specifications and classes — Part 6: Graded non-woody pellets	2021-05-11
TC 211 ISO/TS 19166 ISO 19170-1	Geographic information/ Geomatics Geographic information — BIM to GIS conceptual mapping (B2GM) Geographic information — Discrete Global Grid Systems Specifications — Part 1: Core Reference System and Operations, and Equal Area Earth Reference System		ISO/FDIS 17225-7	(Revision of ISO 17225-6:2014) Solid biofuels — Fuel specifications and classes — Part 7: Graded non-woody briquettes	2021-05-12
TC 212 ISO/FDIS 23162	Clinical laboratory testing and in vitro diagnostic test systems Basic semen examination — Specification and test methods	2021-05-10	TC 249 ISO/FDIS 23190	Traditional Chinese medicine Traditional Chinese medicine — Determination of aristolochic acids in natural products by high-performance liquid chromatography (HPLC)	2021-04-27
TC 213 ISO/FDIS 2692	Dimensional and geometrical product specifications and verification Geometrical product specifications (GPS) — Geometrical tolerancing — Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR) (Revision of ISO 2692:2014)	2021-04-30	TC 260 ISO/PRF TS 30421	Human resource management Human resource management — Turnover and retention metrics	
TC 215 ISO/PRF TS 23541-1	Health informatics Health informatics — Categorial structure for representation of 3D human body position system — Part 1: Bones		ISO/PRF TS 30428	Human resource management — Skills and capabilities metrics cluster	
TC 216 ISO/PRF TR 16178	Footwear Footwear — Critical substances potentially present in footwear and footwear components — Lists of critical chemical substances (Revision of ISO/TR 16178:2012)		ISO/TS 30430	Human resource management — Recruitment metrics cluster	
TC 229 ISO/PRF 19749	Nanotechnologies Nanotechnologies — Measurements of particle size and shape distributions by scanning electron microscopy		ISO/PRF TS 30433	Human resource management — Succession planning metrics cluster	
			TC 261 ISO/ASTM PRF TS 52930	Additive manufacturing Additive manufacturing — Qualification principles — Installation, operation and performance (IQ/OQ/PQ) of PBF-LB equipment	
			TC 268 ISO/FDIS 37167	Sustainable cities and communities Smart community infrastructures — Smart transportation for energy saving operation by slowly driving intentionally	2021-05-19
			TC 269 ISO/FDIS 22074-5	Railway applications Railway infrastructure — Rail fastening systems — Part 5: Test method for electrical resistance	2021-04-30
			TC 276 ISO/PRF TR 3985	Biotechnology Biotechnology — Data publication — Preliminary considerations and concepts	
			TC 282 ISO 16075-3	Water reuse Guidelines for treated wastewater use for irrigation projects — Part 3: Components of a reuse project for irrigation (Revision of ISO 16075-3:2015)	

ISO 16075-4	Guidelines for treated wastewater use for irrigation projects — Part 4: Monitoring (Revision of ISO 16075-4:2016)		ISO/IEC/IEEE 8802-1Q:2020/FDAmD 3	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1Q: Bridges and bridged networks — Amendment 3: Virtual station interface (VSI) discovery and configuration protocol (VDP) extension to support network virtualization overlays over layer 3 (NVO3)	2021-07-29
ISO/FDIS 20468-5	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 5: Membrane filtration	2021-05-07			
ISO/FDIS 20468-6	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 6: Ion exchange and electro dialysis	2021-05-06			
ISO/FDIS 20468-7	Guidelines for performance evaluation of treatment technologies for water reuse systems — Part 7: Advanced oxidation processes technology	2021-05-07	ISO/IEC/IEEE FDIS 8802-1AX	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1AX: Link aggregation (Revision of ISO/IEC/IEEE 8802-1AX:2016)	2021-07-29
TC 283	Occupational health and safety management				
ISO/FDIS 45003	Occupational health and safety management — Psychological health and safety at work — Guidelines for managing psychosocial risks	2021-04-30	ISO/IEC 17982	Information technology — Telecommunications and information exchange between systems — Close capacitive coupling communication physical layer (CCCC PHY) (Revision of ISO/IEC 17982:2012)	
TC 292	Security and resilience				
ISO/PRF TS 22332	Security and resilience — Business continuity management systems — Guidelines for developing business continuity plans and procedures		ISO/IEC/IEEE FDIS 32430	Information technology — Software non-functional sizing measurements	2021-08-09
TC 296	Bamboo and rattan				
ISO/FDIS 21629-1	Bamboo floorings — Part 1: Indoor use	2021-05-12	ISO/IEC PRF TS 22924	Identification cards — Transport layer topologies — Configurations for HCI/HCP interchange	
TC 298	Rare earth				
ISO/PRF TS 22451	Recycling of rare earth elements — Methods for the measurement of rare earth elements in industrial waste and end-of-life products				
ISO/FDIS 22453	Exchange of information on rare earth elements in industrial wastes and end-of-life cycled products	2021-05-24	ISO/IEC TS 24192-1	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 (all parts)	
ISO/FDIS 22927	Rare earth — Packaging and labelling	2021-04-28	ISO/IEC FDIS 15444-4	Information technology — JPEG 2000 image coding system — Part 4: Conformance Testing (Revision of ISO/IEC 15444-4:2004)	2021-05-06
TC 299	Robotics				
ISO/FDIS 18646-3	Robotics — Performance criteria and related test methods for service robots — Part 3: Manipulation	2021-05-03	ISO/IEC FDIS 15938-16	Information technology — Multimedia content description interface — Part 16: Conformance and reference software for compact descriptors for video analysis	2021-05-04
TC 304	Healthcare organization management				
ISO/FDIS 22956	Healthcare organization management — Requirements for patient-centred staffing	2021-04-30	ISO/IEC 23000-21:2019/FDAmD 1	Information technology — Multimedia application format (MPEG-A) — Part 21: Visual identity management application format — Amendment 1: Conformance and reference software	2021-04-28
JTC 1	Information technology				
ISO/IEC/IEEE 8802-1Q:2020/FDAmD 2	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1Q: Bridges and bridged networks — Amendment 2: YANG data model	2021-07-29	ISO/IEC PRF TR 23002-8	Information technology — MPEG video technologies — Part 8: Working practices using objective metrics for evaluation of video coding efficiency experiments	

ISO/IEC FDIS 23090-2	Information technology — Coded representation of immersive media — Part 2: Omnidirectional media format (Revision of ISO/IEC 23090-2:2019)	2021-05-13	ISO 6410-3:2021	en fr	Technical drawings — Screw threads and threaded parts — Part 3: Simplified representation	A
ISO/IEC PRF TR 23091-4	Information technology — Coding-independent code points — Part 4: Usage of video signal type code points (Revision of ISO/IEC TR 23091-4:2020)		TC 20 ISO 3185:2021	en	Aircraft and space vehicles Aerospace — Bolts, normal bihexagonal head, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa — Dimensions	A
ISO/IEC FDIS 23200-1	Information technology — Radio frequency identification for item management — Part 1: Interference rejection performance test method between a tag as defined in ISO/IEC 18000-63 and a heterogeneous wireless system	2021-05-03	ISO 16781:2021	en	Space systems — Simulation requirements for control system	D
ISO/IEC FDIS 23127-1	Information technology — Learning, education, and training — Metadata for facilitators of online learning — Part 1: Framework	2021-05-26	TC 22 ISO 21498-2:2021	en	Road vehicles Electrically propelled road vehicles — Electrical specifications and tests for voltage class B systems and components — Part 2: Electrical tests for components	F
ISO/IEC FDIS 23544	Information Technology — Data centres — Application Platform Energy Effectiveness (APEE)	2021-05-05	ISO 6727:2021	en	Road vehicles — Motorcycles and mopeds — Symbols for controls, indicators and tell-tales	D
ISO/IEC TR 24030	Information technology — Artificial intelligence (AI) — Use cases		ISO/TS 16951:2021	en	Road vehicles — Ergonomic aspects of transport information and control systems (TICS) — Procedures for determining priority of on-board messages presented to drivers	E

## Standards published

New International Standards published between 01 March and 01 April 2021

- <sup>1</sup> delayed publication of language version  
<sup>2</sup> corrected version  
<sup>3</sup> multilingual document

		Price group				
TC 6	Paper, board and pulps					
ISO 9932:2021	en Paper and board — Determination of water vapour transmission rate of sheet materials — Dynamic sweep and static gas methods	B	ISO 2719:2016/ Amd 1:2021	en fr	Determination of flash point — Pensky-Martens closed cup method — Amendment 1: Thermometers correction	XZ
TC 8	Ships and marine technology		ISO 13736:2021	en fr	Determination of flash point — Abel closed-cup method	D
ISO 23212:2021	en Ships and marine technology — Flange connection for fuel and lubrication oil bunkering — Basic dimensions and technical requirements	B	TC 29 ISO 11901-5:2021	en fr	Small tools Tools for pressing — Gas springs — Part 5: Safety instructions for gas springs	C
ISO 23577:2021	en Ships and marine technology — Cargo securing systems on ships — Vocabulary	A	TC 31 ISO 13325:2019	en fr	Tyres, rims and valves Tyres — Coast-by methods for measurement of tyre-to-road sound emission	B
TC 10	Technical product documentation					



ISO 16992:2018	en fr	Passenger car tyres — Spare unit substitutive equipment (SUSE)	C	ISO 24613-3:2021	en fr	Language resource management — Lexical markup framework (LMF) — Part 3: Etymological extension	D
ISO 18808:2021	en fr	Agricultural tyres for construction machines	D	ISO 24620-3:2021	en fr	Language resource management — Controlled human communication (CHC) — Part 3: Basic principles and methodology for controlled oral communication (COraCom)	D
ISO 5775-2:2021	en	Bicycle tyres and rims — Part 2: Rims	C	TC 38		Textiles	
TC 34		Food products		ISO 22818:2021	en fr	Textiles — Determination of short-chain chlorinated paraffins (SCCP) and middle-chain chlorinated paraffins (MCCP) in textile products out of different matrices by use of gas chromatography negative ion chemical ionization mass spectrometry (GC-NCI-MS)	C
ISO 23662:2021	en fr	Definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims	A	TC 39		Machine tools	
ISO 771:2021	en fr	Oilseed meals — Determination of moisture and volatile matter content	B	ISO 19085-1:2021	en fr	Woodworking machines — Safety — Part 1: Common requirements	F
ISO 21422:2018	en fr	Milk, milk products, infant formula and adult nutritionals — Determination of chloride — Potentiometric titration method	C	ISO 19085-12:2021	en fr	Woodworking machines — Safety — Part 12: Tenoning/profiling machines	G
ISO 6887-4:2017	fr	Microbiology of the food chain — Preparation of test samples, initial suspension and decimal dilutions for microbiological examination — Part 4: Specific rules for the preparation of miscellaneous products	C	TC 43		Acoustics	
ISO 15216-1:2017/Amd 1:2021	en	Microbiology of the food chain — Horizontal method for determination of hepatitis A virus and norovirus using real-time RT-PCR — Part 1: Method for quantification — Amendment 1	XZ	ISO 11904-2:2021	en	Acoustics — Determination of sound immission from sound sources placed close to the ear — Part 2: Technique using a manikin	C
ISO 4120:2021	en fr	Sensory analysis — Methodology — Triangle test	C	TC 44		Welding and allied processes	
ISO 20784:2021	en fr	Sensory analysis — Guidance on substantiation for sensory and consumer product claims	C	ISO 8205:2021	en fr	Resistance welding equipment — Water-cooled secondary connection cables	C
ISO 22994:2021	en	Coffee extracts — Determination of the dry matter content of coffee extracts — Sea sand method of liquid or pasty coffee extracts	A	ISO 5179:2021	en	Investigation of brazeability with spreading and gap-filling test	B
TC 35		Paints and varnishes		TC 45		Rubber and rubber products	
ISO 22553-13:2021	en	Paints and varnishes — Electro-deposition coatings — Part 13: Determination of re-solving behaviour	A	ISO 1432:2021	en fr	Rubber, vulcanized or thermoplastic — Determination of low-temperature stiffening (Gehman test)	C
ISO 22553-14:2021	en	Paints and varnishes — Electro-deposition coatings — Part 14: Deposition behaviour	A	ISO 4664-3:2021	en fr	Rubber, vulcanized or thermoplastic — Determination of dynamic properties — Part 3: Glass transition temperature (T <sub>g</sub> )	B
ISO 28199-1:2021	en fr	Paints and varnishes — Evaluation of properties of coating systems related to the spray application process — Part 1: Vocabulary and preparation of test panels	A	ISO 23075:2021	en fr	Vulcanized rubbers — Determination of antidegradants by high-performance liquid chromatography	C
ISO 23322:2021	en	Paints and varnishes — Determination of solvents in coating materials containing organic solvents only — Gas-chromatographic method	C	TC 59		Buildings and civil engineering works	
TC 37		Language and terminology		ISO 6927:2021	en	Building and civil engineering sealants — Vocabulary	A
				ISO 9046:2021	en fr	Building and civil engineering sealants — Determination of adhesion/cohesion properties at constant temperature	A
				ISO 13638:2021	en	Building and civil engineering sealants — Determination of resistance to prolonged exposure to water	B
				TC 61		Plastics	

ISO 23512:2021	en	Plastics — Joining of thermoplastic moulded components — Specification of variables for thermal joining processes	F	ISO/TS 21397:2021	en	FTIR analysis of fire effluents in cone calorimeter tests	B
ISO 23741:2021	en	Plastics — Determination of spray water delivery during spray cycles when using a xenon arc weathering test apparatus	A	TC 94		Personal safety -- Personal protective equipment	
ISO 844:2021	en	Rigid cellular plastics — Determination of compression properties	C	ISO 16321-1:2021	en fr	Eye and face protection for occupational use — Part 1: General requirements	F
ISO 16929:2021	en fr	Plastics — Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test	B	ISO 16321-2:2021	en fr	Eye and face protection for occupational use — Part 2: Additional requirements for protectors used during welding and related techniques	C
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		ISO 16321-3:2021	en fr	Eye and face protection for occupational use — Part 3: Additional requirements for mesh protectors	A
ISO 21857:2021	en fr	Petroleum, petrochemical and natural gas industries — Prevention of corrosion on pipeline systems influenced by stray currents	G	ISO 18527-1:2021	en fr	Eye and face protection for sports use — Part 1: Requirements for downhill skiing and snowboarding goggles	D
ISO 19901-10:2021	en	Petroleum and natural gas industries — Specific requirements for offshore structures — Part 10: Marine geophysical investigations	H	ISO 18527-2:2021	en fr	Eye and face protection for sports use — Part 2: Requirements for eye protectors for squash and eye protectors for racquetball and squash 57	D
ISO 19905-3:2021	en fr	Petroleum and natural gas industries — Site-specific assessment of mobile offshore units — Part 3: Floating units	D	ISO 22608:2021	en	Protective clothing — Protection against liquid chemicals — Measurement of repellency, retention, and penetration of liquid pesticide formulations through protective clothing materials	C
TC 71		Concrete, reinforced concrete and pre-stressed concrete		TC 96		Cranes	
ISO 23523:2021	en	Test methods for discrete polymer fibre for fibre-reinforced cementitious composites	C	ISO 10245-1:2021	en fr	Cranes — Limiting and indicating devices — Part 1: General	B
ISO 16711:2021	en	Requirements for seismic assessment and retrofit of concrete structures	B	TC 106		Dentistry	
TC 79		Light metals and their alloys		ISO 23450:2021	en fr	Dentistry — Intraoral camera	C
ISO 23700:2021	en	Wrought magnesium and magnesium alloys — Rolled plates and sheets	B	ISO 28399:2021	en fr	Dentistry — External tooth bleaching products	D
TC 85		Nuclear energy, nuclear technologies, and radiological protection		TC 113		Hydrometry	
ISO 11665-4:2021	en fr	Measurement of radioactivity in the environment — Air: radon-222 — Part 4: Integrated measurement method for determining average activity concentration using passive sampling and delayed analysis	E	ISO 24578:2021	en fr	Hydrometry — Acoustic Doppler profiler — Method and application for measurement of flow in open channels from a moving boat	F
TC 86		Refrigeration and air-conditioning		ISO 1438:2017	fr	Hydrometry — Open channel flow measurement using thin-plate weirs	G
ISO 5149-3:2014/Amd 1:2021	en fr	Refrigerating systems and heat pumps — Safety and environmental requirements — Part 3: Installation site — Amendment 1: Update of the requirements for machinery rooms and emergency mechanical ventilation	XZ	TC 121		Anaesthetic and respiratory equipment	
ISO 22042:2021	en fr	Blast chiller and freezer cabinets for professional use — Classification, requirements and test conditions	B	ISO 80601-2-85:2021	en fr	Medical electrical equipment — Part 2-85: Particular requirements for the basic safety and essential performance of cerebral tissue oximeter equipment	H
TC 92		Fire safety		TC 122		Packaging	
				ISO 22982-1:2021	en	Transport packaging — Temperature-controlled transport packages for parcel shipping — Part 1: General requirements	B

ISO 22982-2:2021	en	Transport Packaging — Temperature controlled transport packages for parcel shipping — Part 2: General specifications of testing	B	TC 163		Thermal performance and energy use in the built environment	
TC 123		Plain bearings		ISO 24353:2008/ Amd 1:2021	en	Hygrothermal performance of building materials and products — Determination of moisture adsorption/desorption properties in response to humidity variation — Amendment 1	XZ
ISO 16287:2021	en	Plain bearings — Thermoplastic bushes — Dimensions and tolerances	C	TC 172		Optics and photonics	
TC 127		Earth-moving machinery		ISO 15368:2021	en fr	Optics and photonics — Measurement of reflectance of plane surfaces and transmittance of plane parallel elements	D
ISO 12511:1997/ Amd 1:2021	en	Earth-moving machinery — Hour meters — Amendment 1	XZ	ISO 14490-3:2021	en	Optics and photonics — Test methods for telescopic systems — Part 3: Test methods for telescopic sights	C
TC 131		Fluid power systems		TC 174		Jewellery and precious metals	
ISO 19879:2021	en fr	Metallic tube connections for fluid power and general use — Test methods for hydraulic fluid power connections	D	ISO 11426:2021	en fr	Jewellery and precious metals — Determination of gold — Cupellation method (fire assay)	B
TC 138		Plastics pipes, fittings and valves for the transport of fluids		TC 176		Quality management and quality assurance	
ISO 22391-5:2009/Amd 1:2020	en fr	Plastics piping systems for hot and cold water installations — Polyethylene of raised temperature resistance (PE-RT) — Part 5: Fitness for purpose of the system — Amendment 1	XZ	ISO 10013:2021	en fr	Quality management systems — Guidance for documented information	C
ISO 10952:2021	en	Glass-reinforced thermosetting plastics (GRP) pipes and fittings — Determination of the resistance to chemical attack for the inside of a section in a deflected condition	B	TC 182		Geotechnics	
ISO 11296-4:2018/Amd 1:2021	fr	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	XZ	ISO 22282-4:2021	en	Geotechnical investigation and testing — Geohydraulic testing — Part 4: Pumping tests	E
ISO 11298-4:2021	en fr	Plastics piping systems for renovation of underground water supply networks — Part 4: Lining with cured-in-place pipes	F	TC 184		Automation systems and integration	
ISO/TS 23818-3:2021	en	Assessment of conformity of plastics piping systems for the rehabilitation of existing pipelines — Part 3: Unplasticised poly(vinyl chloride) (PVC-U) material	D	ISO 10303-1:2021	en	Industrial automation systems and integration — Product data representation and exchange — Part 1: Overview and fundamental principles	D
TC 146		Air quality		TC 188		Small craft	
ISO 23431:2021	en fr	Measurement of road tunnel air quality	E	ISO/TS 23625:2021	en	Small craft — Lithium-ion batteries	B
TC 150		Implants for surgery		TC 194		Biological and clinical evaluation of medical devices	
ISO 16061:2021	en fr	Instruments for use in association with non-active surgical implants — General requirements	C	ISO/TS 37137-1:2021	en	Biological evaluation of absorbable medical devices — Part 1: General requirements	B
ISO 13779-3:2018/Amd 1:2021	en	Implants for surgery — Hydroxyapatite — Part 3: Chemical analysis and characterization of crystallinity ratio and phase purity — Amendment 1	XZ	TC 198		Sterilization of health care products	
TC 155		Nickel and nickel alloys		ISO/TS 22456:2021	en	Sterilization of healthcare products — Microbiological methods — Guidance on conducting bioburden determinations and tests of sterility for biologics and tissue-based products	C
ISO 23156:2021	en	Ferronickels — Determination of phosphorus, manganese, chromium, copper and cobalt contents — Inductively coupled plasma optical emission spectrometric method	C	TC 201		Surface chemical analysis	
				ISO 20579-3:2021	en	Surface chemical analysis — Sample handling, preparation and mounting — Part 3: Biomaterials	B
				ISO 22581:2021	en	Surface chemical analysis — Near real-time information from the X-ray photoelectron spectroscopy survey scan — Rules for identification of, and correction for, surface contamination by carbon-containing compounds	C

ISO/TR 15969:2021	en	Surface chemical analysis — Depth profiling — Measurement of sputtered depth	C	ISO 24528:2021	en fr	Service activities relating to drinking water supply, wastewater and stormwater systems — Guideline for a water loss investigation of drinking water distribution networks	G
ISO 14707:2021	en	Surface chemical analysis — Glow discharge optical emission spectrometry (GD-OES) — Introduction to use	B	TC 227		Springs	
TC 202		Microbeam analysis		ISO 22705-1:2021	en	Springs — Measurement and test parameters — Part 1: Cold formed cylindrical helical compression springs	E
ISO/TS 21383:2021	en	Microbeam analysis — Scanning electron microscopy — Qualification of the scanning electron microscope for quantitative measurements	G	TC 229		Nanotechnologies	
TC 204		Intelligent transport systems		ISO/TS 21346:2021	en	Nanotechnologies — Characterization of individualized cellulose nanofibril samples	F
ISO 14819-1:2021	en fr	Intelligent transport systems — Traffic and travel information messages via traffic message coding — Part 1: Coding protocol for Radio Data System-Traffic Message Channel (RDS-TMC) using ALERT-C	G	ISO/TS 21356-1:2021	en	Nanotechnologies — Structural characterization of graphene — Part 1: Graphene from powders and dispersions	F
ISO 14907-2:2021	en fr	Electronic fee collection — Test procedures for user and fixed equipment — Part 2: Conformance test for the on-board unit application interface	G	IEC/TR 63258:2021	en	Nanotechnologies — A guideline for ellipsometry application to evaluate the thickness of nanoscale films	BK
ISO/TS 21184:2021	en	Cooperative intelligent transport systems (C-ITS) — Global transport data management (GTDM) framework	H	ISO/TS 80004-6:2021	en fr	Nanotechnologies — Vocabulary — Part 6: Nano-object characterization	A
TC 207		Environmental management		TC 256		Pigments, dyestuffs and extenders	
ISO 14031:2021	en fr	Environmental management — Environmental performance evaluation — Guidelines	F	ISO 3262-19:2021	en fr	Extenders — Specifications and methods of test — Part 19: Precipitated silica	B
TC 215		Health informatics		ISO 3262-20:2021	en fr	Extenders — Specifications and methods of test — Part 20: Fumed silica	C
ISO 17090-1:2021	en	Health informatics — Public key infrastructure — Part 1: Overview of digital certificate services	F	TC 258		Project, programme and portfolio management	
ISO 17090-3:2021	en	Health informatics — Public key infrastructure — Part 3: Policy management of certification authority	E	ISO 21500:2021	en	Project, programme and portfolio management — Context and concepts	B
ISO/TR 21332:2021	en	Health informatics — Cloud computing considerations for the security and privacy of health information systems	G	TC 260		Human resource management	
ISO 23903:2021	en	Health informatics — Interoperability and integration reference architecture – Model and framework	D	ISO/TS 24178:2021	en	Human resource management — Organizational culture metrics cluster	C
ISO/TR 24291:2021	en	Health informatics — Applications of machine learning technologies in imaging and other medical applications	C	ISO/TS 30425:2021	en	Human resource management — Workforce availability metrics cluster	B
ISO 81001-1:2021	en	Health software and health IT systems safety, effectiveness and security — Part 1: Principles and concepts	G	ISO/TS 30427:2021	en	Human resource management — Costs metrics cluster	B
TC 216		Footwear		ISO/TS 30431:2021	en	Human resource management — Leadership metrics cluster	B
ISO 16181-1:2021	en fr	Footwear — Critical substances potentially present in footwear and footwear components — Part 1: Determination of phthalate with solvent extraction	C	ISO/TS 30432:2021	en	Human resource management — Workforce productivity metrics cluster	B
TC 224		Service activities relating to drinking water supply, wastewater and stormwater systems		TC 264		Fireworks	
				ISO 22863-4:2021	en fr	Fireworks — Test methods for determination of specific chemical substances — Part 4: Analysis of lead and lead compounds by X-ray fluorescence spectrometry (XRF)	A

ISO 22863-5:2021	en fr	Fireworks — Test methods for determination of specific chemical substances — Part 5: Analysis of lead and lead compounds by inductively coupled plasma spectrometry (ICP)	A	ISO/IEC 24824-4:2021	en	Information technology — Generic applications of ASN.1 — Part 4: Cryptographic message syntax	H
TC 269		Railway applications		ISO/IEC TS 25025:2021	en	Information technology — Systems and software Quality Requirements and Evaluation (SQuaRE) — Measurement of IT service quality	D
ISO 22074-2:2021	en fr	Railway infrastructure — Rail fastening systems — Part 2: Test method for longitudinal rail restraint	B	ISO/IEC 29110-4-2:2021	en	Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 4-2: Software engineering: Profile specifications: Organizational management profile group	C
ISO 22074-3:2021	en fr	Railway infrastructure — Rail fastening systems — Part 3: Proof load test method for pull-out resistance	A	ISO/IEC TS 11801-9903:2021	en	Information technology — Generic cabling systems for customer premises — Part 9903: Matrix modelling of channels and links	F
ISO 22074-6:2021	en fr	Railway infrastructure — Rail fastening systems — Part 6: Test method for resistance to severe environmental conditions	A	ISO/IEC 14763-4:2021	en	Information technology — Implementation and operation of customer premises cabling — Part 4: Measurement of end-to-end (E2E)-Links	C
TC 282		Water reuse		ISO/IEC 18598:2016/ Amd 1:2021	en	Information technology — Automated infrastructure management (AIM) systems — Requirements, data exchange and applications — Amendment 1	BJ
ISO 23043:2021	en	Evaluation methods for industrial wastewater treatment reuse processes	E	ISO/IEC 10118-1:2016/ Amd 1:2021	en	Information technology — Security techniques — Hash-functions — Part 1: General — Amendment 1: Padding methods for sponge functions	XZ
TC 300		Solid recovered materials, including solid recovered fuels		ISO/IEC 23264-1:2021	en	Information security — Redaction of authentic data — Part 1: General	B
ISO 21644:2021	en fr	Solid recovered fuels — Methods for the determination of biomass content	F	ISO/IEC TS 27022:2021	en	Information technology — Guidance on information security management system processes	F
ISO 21645:2021	en	Solid recovered fuels — Methods for sampling	G	ISO/IEC TS 23078-3:2021	en	Information technology — Specification of DRM technology for digital publications — Part 3: Device key-based protection	E
ISO 21660-3:2021	en fr	Solid recovered fuels — Determination of moisture content using the oven dry method — Part 3: Moisture in general analysis sample	B	ISO/IEC 39794-6:2021	en	Information technology — Extensible biometric data interchange formats — Part 6: Iris image data	F
ISO 22167:2021	en fr	Solid recovered fuels — Determination of content of volatile matter	C	ISO/IEC 20924:2021	en	Information technology — Internet of Things (IoT) — Vocabulary	B
TC 301		Energy management and energy savings		ISO/IEC 30163:2021	en	Internet of Things (IoT) — System requirements of IoT/SN technology-based integrated platform for chattel asset monitoring supporting financial services	D
ISO 50009:2021	en fr	Energy management systems — Guidance for implementing a common energy management system in multiple organizations	E	ISO/IEC TR 24029-1:2021	en	Artificial Intelligence (AI) — Assessment of the robustness of neural networks — Part 1: Overview	E
TMBG		Technical Management Board - groups		IULTCS	International Union of Leather Technologists and Chemists Societies		
IWA 33-3:2021	en	Technical guidelines for the development of small hydropower plants — Part 3: Design principles and requirements	G	ISO 13365-1:2020	fr	Leather — Chemical determination of the preservative (TCMTB, PCMC, OPP, OIT) content in leather by liquid chromatography — Part 1: Acetonitrile extraction method	A
IWA 34:2021	en	Women's entrepreneurship — Key definitions and general criteria	C	JTC 1	Information technology		
ISO/IEC 5055:2021	en	Information technology — Software measurement — Software quality measurement — Automated source code quality measures	H	<b>Standards confirmed</b>			

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

TC 4	Rolling bearings
ISO 15242-1:2015	
TC 5	Ferrous metal pipes and metallic fittings
ISO 1127:1992	(reconfirmed)
TC 8	Ships and marine technology
ISO 7061:2015	
TC 10	Technical product documentation
ISO 9175-1:1988	(reconfirmed)
ISO 9957-1:1992	(reconfirmed)
ISO 9957-3:1997	(reconfirmed)
ISO 9958-1:1992	(reconfirmed)
ISO 9958-2:1992	(reconfirmed)
ISO 9959-1:1992	(reconfirmed)
ISO 9960-1:1992	(reconfirmed)
ISO 27668-2:2009	(reconfirmed)
ISO 128-43:2015	
TC 17	Steel
ISO 17054:2010	(reconfirmed)
ISO 642:1999	(reconfirmed)
ISO 3651-1:1998	(reconfirmed)
ISO 3651-2:1998	(reconfirmed)
ISO 5949:1983	(reconfirmed)
ISO 14250:2000	(reconfirmed)
ISO 16574:2015	
TC 20	Aircraft and space vehicles
ISO 12208:2015	
ISO 15856:2010	(reconfirmed)
ISO 17689:2015	
ISO 19933:2007	(reconfirmed)
ISO 21348:2007	(reconfirmed)
ISO 22538-6:2010	(reconfirmed)
TC 22	Road vehicles
ISO 9141:1989	(reconfirmed)
ISO 9141-2:1994	(reconfirmed)
ISO 9141-3:1998	(reconfirmed)
ISO 14230-3:1999	(reconfirmed)
ISO 14230-4:2000	(reconfirmed)
ISO 4008-1:1980	(reconfirmed)
ISO 4008-2:1983	(reconfirmed)
ISO 4113:2010	(reconfirmed)
ISO 8356:1984	(reconfirmed)
ISO 9103:1987	(reconfirmed)
ISO 13043:2011	(reconfirmed)
ISO 13948-1:2015	
ISO 16185:2000	(reconfirmed)
ISO 17449:2015	
ISO 7646:1986	(reconfirmed)
ISO 7647:1986	(reconfirmed)
ISO 7648:1987	(reconfirmed)
ISO 7650:1987	(reconfirmed)
ISO 8667:1992	(reconfirmed)

ISO 8755:2001	(reconfirmed)
ISO 9457-1:1991	(reconfirmed)
ISO 9457-2:1994	(reconfirmed)
ISO 11055:1996	(reconfirmed)
ISO 11407:2004	(reconfirmed)
ISO 12357-1:1999	(reconfirmed)
ISO 12357-2:2007	(reconfirmed)
ISO 12667:1993	(reconfirmed)
TC 23	Tractors and machinery for agriculture and forestry
ISO 11449:1994	(reconfirmed)
ISO 8082-1:2009	(reconfirmed)
ISO 8082-2:2011	(reconfirmed)
ISO 11512:1995	(reconfirmed)
ISO 6535:2015	
ISO 7918:1995	(reconfirmed)
ISO 11789:1999	(reconfirmed)
ISO 9912-1:2004	(reconfirmed)
ISO 11678:1996	(reconfirmed)
ISO 13460-1:2015	
ISO 16149:2006	(reconfirmed)
ISO 18471:2015	
ISO 11783-7:2015	
ISO 11783-8:2006	(reconfirmed)
ISO 11784:1996	(reconfirmed)
ISO 16230-1:2015	
ISO 17532:2007	(reconfirmed)
TC 24	Particle characterization including sieving
ISO/TS 14411-1:2017	
TC 33	Refractories
ISO 20182:2008	(reconfirmed)
TC 34	Food products
ISO 542:1990	(reconfirmed)
ISO 734:2015	
ISO 22630:2015	
ISO/TS 11059:2009	(reconfirmed)
ISO 19344:2015	
ISO/TS 27265:2009	(reconfirmed)
TC 38	Textiles
ISO 1833-5:2006	(reconfirmed)
ISO 1833-8:2006	(reconfirmed)
ISO 1833-19:2006	(reconfirmed)
ISO 137:2015	
TC 43	Acoustics
ISO 3741:2010	(reconfirmed)
ISO 3743-1:2010	(reconfirmed)
ISO 11546-1:1995	(reconfirmed)
ISO 11546-2:1995	(reconfirmed)
ISO 3382-1:2009	(reconfirmed)
ISO 16032:2004	(reconfirmed)
ISO 18233:2006	(reconfirmed)
TC 44	Welding and allied processes
ISO 3581:2016	

ISO 12153:2011	(reconfirmed)	ISO 4347:2015	
ISO 14171:2016		TC 102	Iron ore and direct reduced iron
ISO 15792-3:2011	(reconfirmed)	ISO 5416:2006	(reconfirmed)
ISO 17777:2016		TC 105	Steel wire ropes
ISO 19288:2016		ISO 17558:2006	(reconfirmed)
ISO 9539:2010	(reconfirmed)	TC 106	Dentistry
TC 46	Information and documentation	ISO 6360-3:2005	(reconfirmed)
ISO 7098:2015		ISO 9173-2:2010	(reconfirmed)
TC 48	Laboratory equipment	ISO 13397-2:2005	(reconfirmed)
ISO 384:2015		TC 107	Metallic and other inorganic coatings
ISO 1769:1975	(reconfirmed)	ISO 11408:1999	(reconfirmed)
ISO 1770:1981	(reconfirmed)	TC 111	Round steel link chains, chain slings, components and accessories
ISO 3819:2015		ISO 7592:1983	(reconfirmed)
ISO 4797:2015		TC 113	Hydrometry
ISO 6706:1981	(reconfirmed)	ISO 26906:2015	
ISO 7056:1981	(reconfirmed)	TC 114	Horology
ISO 7712:1983	(reconfirmed)	ISO 3160-2:2015	
TC 54	Essential oils	ISO 19235:2015	
ISO/TS 210:2014	(reconfirmed)	TC 117	Fans
ISO/TS 211:2014	(reconfirmed)	ISO 13348:2007	(reconfirmed)
TC 58	Gas cylinders	TC 118	Compressors and pneumatic tools, machines and equipment
ISO 21007-2:2015		ISO 5388:1981	(reconfirmed)
TC 60	Gears	ISO 5941:1979	(reconfirmed)
ISO 53:1998	(reconfirmed)	TC 121	Anaesthetic and respiratory equipment
ISO 677:1976	(reconfirmed)	ISO 19054:2005	(reconfirmed)
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries	TC 122	Packaging
ISO 10426-4:2004	(reconfirmed)	ISO 780:2015	
ISO 13354:2014		TC 127	Earth-moving machinery
ISO 13628-2:2006	(reconfirmed)	ISO 6393:2008	(reconfirmed)
ISO 13628-5:2009	(reconfirmed)	ISO 6394:2008	(reconfirmed)
ISO 13628-6:2006	(reconfirmed)	ISO 6395:2008	(reconfirmed)
ISO 15551-1:2015	(reconfirmed)	ISO 6396:2008	(reconfirmed)
ISO 17824:2009	(reconfirmed)	ISO 12508:1994	(reconfirmed)
TC 70	Internal combustion engines	ISO 13333:1994	(reconfirmed)
ISO 7967-3:2010	(reconfirmed)	TC 130	Graphic technology
TC 83	Sports and other recreational facilities and equipment	ISO 12632:2015	
ISO 7152:1997	(reconfirmed)	ISO 15930-7:2010	(reconfirmed)
ISO 11416:1995	(reconfirmed)	ISO 15930-8:2010	(reconfirmed)
TC 85	Nuclear energy, nuclear technologies, and radiological protection	ISO 16612-2:2010	(reconfirmed)
ISO/TS 11665-13:2017		TC 131	Fluid power systems
ISO 21482:2007	(reconfirmed)	ISO 2943:1998	(reconfirmed)
TC 89	Wood-based panels	ISO 3601-5:2015	
ISO 12460-5:2015		ISO 6194-4:2009	(reconfirmed)
TC 96	Cranes	TC 135	Non-destructive testing
ISO 4306-3:2016		ISO/TS 16829:2017	
ISO 7296-3:2006	(reconfirmed)	ISO 18563-3:2015	
ISO 9926-3:2016		TC 136	Furniture
ISO 11660-1:2008	(reconfirmed)	ISO 9221-1:2015	
ISO 4306-5:2005	(reconfirmed)	ISO 9221-2:2015	
TC 100	Chains and chain sprockets for power transmission and conveyors	TC 138	Plastics pipes, fittings and valves for the transport of fluids
		ISO 15494:2015	
		ISO 17455:2005	(reconfirmed)

ISO/TR 18124:2006	(reconfirmed)	ISO 11380:1994	(reconfirmed)
ISO 19899:2010	(reconfirmed)	ISO 14534:2011	(reconfirmed)
ISO 15306:2003	(reconfirmed)	TC 176	Quality management and quality assurance
ISO 16135:2006	(reconfirmed)	ISO 10019:2005	(reconfirmed)
ISO 16136:2006	(reconfirmed)	TC 181	Safety of toys
ISO 16137:2006	(reconfirmed)	ISO 8124-7:2015	
ISO 16138:2006	(reconfirmed)	TC 182	Geotechnics
ISO 16139:2006	(reconfirmed)	ISO 17892-3:2015	
ISO 21787:2006	(reconfirmed)	TC 184	Automation systems and integration
TC 146	Air quality	ISO 15745-1:2003	(reconfirmed)
ISO 17733:2015		ISO 15745-2:2003	(reconfirmed)
ISO/TS 21623:2017		ISO 15745-3:2003	(reconfirmed)
ISO 30011:2010	(reconfirmed)	ISO 15745-4:2003	(reconfirmed)
ISO 8756:1994	(reconfirmed)	ISO 15745-5:2007	(reconfirmed)
ISO 9169:2006	(reconfirmed)	TC 188	Small craft
ISO 20988:2007	(reconfirmed)	ISO 11192:2005	(reconfirmed)
ISO 16000-5:2007	(reconfirmed)	ISO 15084:2003	(reconfirmed)
TC 147	Water quality	TC 189	Ceramic tile
ISO 5961:1994	(reconfirmed)	ISO 10545-5:1996	(reconfirmed)
ISO 6333:1986	(reconfirmed)	ISO 10545-6:2010	(reconfirmed)
ISO 7980:1986	(reconfirmed)	ISO 10545-7:1996	(reconfirmed)
ISO 8165-2:1999	(reconfirmed)	ISO 10545-12:1995	(reconfirmed)
ISO 8245:1999	(reconfirmed)	ISO 10545-14:2015	
ISO 9297:1989	(reconfirmed)	TC 190	Soil quality
ISO 9963-1:1994	(reconfirmed)	ISO/TS 29843-1:2010	(reconfirmed)
ISO 9963-2:1994	(reconfirmed)	TC 195	Building construction machinery and equipment
ISO 10359-2:1994	(reconfirmed)	ISO 15642:2003	(reconfirmed)
ISO 10566:1994	(reconfirmed)	ISO 15644:2002	(reconfirmed)
ISO 11083:1994	(reconfirmed)	ISO 15689:2003	(reconfirmed)
ISO 14402:1999	(reconfirmed)	TC 199	Safety of machinery
ISO 17858:2007	(reconfirmed)	ISO 14120:2015	
ISO 22032:2006	(reconfirmed)	ISO 14123-1:2015	
ISO 27108:2010	(reconfirmed)	ISO 14123-2:2015	
ISO 6222:1999	(reconfirmed)	TC 206	Fine ceramics
ISO 15553:2006	(reconfirmed)	ISO 17170:2015	
ISO 16266:2006	(reconfirmed)	ISO 18591:2015	
ISO 8192:2007	(reconfirmed)	TC 207	Environmental management
ISO 10710:2010	(reconfirmed)	ISO 14001:2015	
ISO 21427-2:2006	(reconfirmed)	TC 211	Geographic information/Geomatics
TC 156	Corrosion of metals and alloys	ISO 19108:2002	(reconfirmed)
ISO 18070:2015		ISO 19109:2015	
ISO 18089:2015		ISO 19128:2005	(reconfirmed)
ISO 21207:2015		ISO/TS 19130-2:2014	(reconfirmed)
TC 163	Thermal performance and energy use in the built environment	ISO 19160-1:2015	
ISO 6781-3:2015		TC 217	Cosmetics
ISO 6243:1997	(reconfirmed)	ISO 10130:2009	(reconfirmed)
ISO 13787:2003	(reconfirmed)	TC 219	Floor coverings
ISO 15758:2014		ISO 10580:2010	(reconfirmed)
ISO 15927-1:2003	(reconfirmed)	TC 220	Cryogenic vessels
ISO 15927-2:2009	(reconfirmed)	ISO 21009-2:2015	
ISO 15927-3:2009	(reconfirmed)		
ISO 15927-5:2004	(reconfirmed)		
TC 172	Optics and photonics		



TC 229	Nanotechnologies	ISO 13319:2007	(replaced by ISO 13319-1:2021)
ISO/TS 13278:2017		TC 29	Small tools
ISO/TS 20787:2017		ISO/TR 24857:2006	(replaced by )
TC 299	Robotics	TC 31	Tyres, rims and valves
ISO 14539:2000	(reconfirmed)	ISO 13442:2004	(replaced by ISO 18808:2021)
TMBG	Technical Management Board - groups	TC 44	Welding and allied processes
ISO/IEC Guide 71:2014		ISO 8205-1:2002	(replaced by ISO 8205:2021)
JTC 1	Information technology	ISO 8205-2:2002	(replaced by ISO 8205:2021)
ISO/IEC 19831:2015		ISO 8205-3:2012	(replaced by ISO 8205:2021)
ISO/IEC 29110-2-1:2015		TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO/IEC 24727-3:2008	(reconfirmed)	ISO/TS 27469:2010	(replaced by )
ISO/IEC 24727-4:2008	(reconfirmed)	TC 94	Personal safety -- Personal protective equipment
ISO/IEC 18046-4:2015		ISO 4849:1981	(replaced by ISO 16321-1:2021)
ISO/IEC 24770-62:2015		ISO 4850:1979	(replaced by ISO 16321-2:2021)
ISO/IEC 29133:2010	(reconfirmed)	ISO 4851:1979	(replaced by ISO 16321-1:2021)
ISO/IEC 29167-14:2015		ISO 4852:1978	(replaced by ISO 16321-1:2021)
ISO/IEC TS 29167-15:2017		ISO 4856:1982	(replaced by ISO 16321-1:2021)
ISO/IEC 21320-1:2015		TC 113	Hydrometry
ISO/IEC 19778-1:2015		ISO/TR 24578:2012	(replaced by ISO 24578:2021)
ISO/IEC 19778-2:2015		TC 176	Quality management and quality assurance
ISO/IEC 19778-3:2015		ISO/TR 10013:2001	(replaced by ISO 10013:2021)
ISO/IEC 19780-1:2015		TC 204	Intelligent transport systems
ISO/IEC 19788-8:2015		ISO/TS 14907-2:2016	(replaced by ISO 14907-2:2021)
ISO/IEC 19788-9:2015		TC 258	Project, programme and portfolio management
		ISO 21500:2012	(replaced by ISO 21500:2021, ISO 21502:2020)
		JTC 1	Information technology
		ISO/IEC TR 11801-9903:2015	(replaced by ISO/IEC TS 11801-9903:2021)
		ISO/IEC 24752-2:2014	(replaced by )
		ISO/IEC 24752-4:2014	(replaced by )
		ISO/IEC 24752-5:2014	(replaced by )
		ISO/IEC 24752-6:2014	(replaced by )

## Standards withdrawn

Period from 01 March to 01 April 2021

TC 20	Aircraft and space vehicles
ISO 22437:2018	(replaced by )
ISO 22438:2018	(replaced by )
TC 21	Equipment for fire protection and fire fighting
ISO/TS 12854:2009	(replaced by )
TC 24	Particle characterization including sieving

## Meeting calendar

The meeting calendar is available at

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