

# ISO Update

Supplement to ISOfocus

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November 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 October to 01 November 2020

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

TC 10	Technical product documentation
ISO/CD 11540	Writing and marking instruments — Specification for caps to reduce the risk of asphyxiation
TC 20	Aircraft and space vehicles
ISO/DTR 16158	Space systems — Avoiding collisions among orbiting objects
TC 21	Equipment for fire protection and fire fighting
ISO/CD 14520-17	Gaseous fire-extinguishing systems — Physical properties and system design — Part 17: Halocarbon Blend 55
ISO/CD 21805	Guidance on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems
ISO/CD TR 23107	Criteria for assessment of new extinguishants for inclusion in the ISO 14520 series
TC 22	Road vehicles
ISO/CD 23828.2	Fuel cell road vehicles — Energy consumption measurement — Vehicles fuelled with compressed hydrogen
TC 23	Tractors and machinery for agriculture and forestry
ISO/CD 13457	Agricultural irrigation equipment — Water-driven chemical injector pumps
TC 25	Cast irons and pig irons
ISO/DTR 10809-1	Cast irons — Part 1: Materials and properties for design
TC 29	Small tools
ISO/DTS 13399-2	Cutting tool data representation and exchange — Part 2: Reference dictionary for the cutting items
ISO/DTS 13399-3	Cutting tool data representation and exchange — Part 3: Reference dictionary for tool items

ISO/DTS 13399-4	Cutting tool data representation and exchange — Part 4: Reference dictionary for adaptive items
TC 34	Food products
ISO/CD 22942-1	Molecular biomarker analysis — isothermal polymerase chain reaction (isoPCR) methods — Part 1: General requirements
TC 37	Language and terminology
ISO/CD 704	Terminology work — Principles and methods
TC 38	Textiles
ISO/CD 14389	Textiles — Determination of the phthalate content — Tetrahydrofuran method
TC 44	Welding and allied processes
ISO/CD 14172	Welding consumables — Covered electrodes for manual metal arc welding of nickel and nickel alloys — Classification
ISO/CD 4761	Non-destructive testing of welds — Phased array ultrasonic testing (PAUT) for thin-walled steel components — Acceptance levels
ISO/CD 15614-4	Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 4: Finishing welding of aluminium castings
ISO/CD 15614-6	Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 6: Arc and gas welding of copper and its alloys
ISO/CD 15614-11	Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 11: Electron and laser beam welding
TC 58	Gas cylinders
ISO/CD 14246	Gas cylinders — Cylinder valves — Manufacturing tests and examinations
TC 61	Plastics
ISO/CD 5148	Plastics — Determination of specific aerobic biodegradation rate of solid plastic materials and Disappearance Time (DT50) under mesophilic laboratory test conditions
TC 68	Financial services
ISO/CD 16609	Financial services — Requirements for message authentication using symmetric techniques
TC 70	Internal combustion engines
ISO/CD 7967-6	Reciprocating internal combustion engines — Vocabulary of components and systems — Part 6: Lubricating systems
TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO/CD 23945-1	Test Methods for Sprayed Concrete — Part 1: Flash Setting Accelerating Admixtures - Setting Time
TC 79	Light metals and their alloys
ISO/CD 7668	Anodizing of aluminium and its alloys — Measurement of specular reflectance and specular gloss of anodic oxidation coatings at angles of 20 degrees, 45 degrees, 60 degrees or 85 degrees
TC 94	Personal safety -- Personal protective equipment
ISO/CD TS 20141	Guideline on compatibility of PPE

ISO 15384:2018/DAmd 1	Protective clothing for firefighters — Laboratory test methods and performance requirements for wildland firefighting clothing — Amendment 1	ISO/CD TR 8124-9	Safety of toys — Part 9: Safety aspects related to mechanical and physical properties — Comparison of ISO 8124-1, EN 71-1 and ASTM F963
TC 106	Dentistry	TC 184	Automation systems and integration
ISO/CD 22683	Dentistry — Adaptability test between implant body and abutment in dental implant systems	ISO/CD 23704-1	Physical device control — General requirements for cyber-physically controlled smart machine tool systems (CPSMT) — Part 1: Overview and fundamental principles
TC 118	Compressors and pneumatic tools, machines and equipment	ISO/CD 23704-2	Physical device control — General requirements for cyber-physically controlled smart machine tool systems (CPSMT) — Part 2: Reference architecture of CPSMT for subtractive manufacturing
ISO/CD 22484	Performance test code for electric driven low pressure air compressor packages	TC 190	Soil quality
TC 123	Plain bearings	ISO/DTS 29843-2.2	Soil quality — Determination of soil microbial diversity — Part 2: Method by phospholipid fatty acid analysis (PLFA) using the simple PLFA extraction method
ISO/CD 4384-2	Plain bearings — Hardness testing of bearing metals — Part 2: Solid materials	TC 192	Gas turbines
TC 127	Earth-moving machinery	ISO/CD 3977-2	Gas turbines — Procurement — Part 2: Standard reference conditions and ratings
ISO/DTS 19014-5	Earth-moving machinery — Functional safety — Part 5: Tables of performance levels	TC 193	Natural gas
ISO 6405-1:2017/CD Amd 1	Earth-moving machinery — Symbols for operator controls and other displays — Part 1: Common symbols — Amendment 1: Additional symbols	ISO/CD TS 5639	Natural gas — Olfactory method for the evaluation of odour intensity
ISO 6405-2:2017/CD Amd 1	Earth-moving machinery — Symbols for operator controls and other displays — Part 2: Symbols for specific machines, equipment and accessories — Amendment 1: Additional symbols	TC 198	Sterilization of health care products
ISO/CD 6165	Earth-moving machinery — Basic types — Identification and terms and definitions	ISO 25424:2018/CD Amd 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
TC 138	Plastics pipes, fittings and valves for the transport of fluids	TC 201	Surface chemical analysis
ISO/DTR 10358	Plastics pipes and fittings for industrial applications — Collection of data on combined chemical-resistance	ISO/CD 24465	Protocol for data acquisition and determination of the minimum detectability of Surface Plasmon Resonance device
TC 147	Water quality	ISO/CD 23729	Surface chemical analysis — Atomic force microscopy — Guideline for restoration procedure for atomic force microscopy images diluted by finite probe size
ISO/CD 4685	Water quality — Radium 226 — Test method using ICP/MS	TC 204	Intelligent transport systems
ISO/CD 4722-1	Water quality — Thorium — Part 1: Test method by alpha spectrometry	ISO/DTS 14812	Intelligent transport systems — Terminology
ISO/CD 4722-2	Water quality — Thorium — Part 2: Test method using ICP/MS	TC 207	Environmental management
ISO/CD 13165-2	Water quality — Radium-226 — Part 2: Test method using emanometry	ISO/CD 14020	Environmental labels and declarations — General principles
ISO/CD 13168	Water quality — Simultaneous determination of tritium and carbon 14 activities — Test method using liquid scintillation counting	TC 211	Geographic information/Geomatics
ISO/DTS 5667-25	Water quality — Sampling — Part 25: Guideline on the validation of the preservation time of water samples	ISO/CD 19156	Geographic information — Observations and measurements
TC 150	Implants for surgery	TC 213	Dimensional and geometrical product specifications and verification
ISO/CD 10974	Assessment of the safety of magnetic resonance imaging for patients with an active implantable medical device	ISO/CD 4351	Geometrical product specifications (GPS) — Association
TC 156	Corrosion of metals and alloys	ISO/CD 16610-62	Geometrical product specifications (GPS) — Filtration — Part 62: Part 62 Linear areal filters: Spline filters
ISO/CD 24239	General Requirements for Fossil Fuel Power Plants Corrosion Control Engineering Life Cycle	TC 215	Health informatics
TC 159	Ergonomics	ISO/DTR 23358	Health informatics — Guidance for establishing standardized measurement data in cardiac examination reports – Japan SEAMAT Case Study
ISO/CD 15537	Principles for selecting and using test persons for testing anthropometric aspects of industrial products and designs	TC 221	Geosynthetics
TC 180	Solar energy	ISO/DTR 18228-2.2	Design using geosynthetics — Part 2: Separation
ISO/DTR 9901	Solar energy — Field pyranometers — Recommended practice for use	ISO/DTR 18228-8	Design using geosynthetics — Part 8: Surface erosion control
TC 181	Safety of toys	TC 249	Traditional Chinese medicine
ISO/CD 8124-2	Safety of toys — Part 2: Flammability		

ISO/CD 23958-1	TCM- Dermal Needle for single use — Part 1: Tapping type
ISO/CD 23958-2	TCM- Dermal Needle for single use — Part 2: Roller Type
TC 260	Human resource management
ISO/DTS 30430	Human resource management — Recruitment metrics
TC 261	Additive manufacturing
ISO/ASTM CD 52916	Additive manufacturing — Data formats — Standard specification for optimized medical image data
ISO/ASTM CD 52926-1	Additive manufacturing of metals — Qualifica- tion principles — Part 1: General qualification of machine operators
ISO/ASTM CD 52926-2	Additive manufacturing of metals — Quali- fication principles — Part 2: Qualification of machine operators for PBF-LB
ISO/ASTM CD 52926-3	Additive manufacturing of metals — Quali- fication principles — Part 3: Qualification of machine operators for PBF-EB
ISO/ASTM CD 52926-4	Additive manufacturing of metals — Quali- fication principles — Part 4: Qualification of machine operators for DED-LB
ISO/ASTM CD 52926-5	Additive manufacturing of metals — Quali- fication principles — Part 5: Qualification of machine operators for DED-Arc
TC 269	Railway applications
ISO/CD 23019	Railway Applications — Driving simulator for drivers' training
TC 276	Biotechnology
ISO/CD 24603	Biotechnology — Biobanking — Requirements for the establishment, maintenance, characteri- zation and distribution of pluripotent stem cells
ISO/CD 24651	Biotechnology — Biobanking — Requirements for human mesenchymal stromal cells derived from bone marrow
TC 292	Security and resilience
ISO/CD 22361	Security and resilience — Crisis Manage- ment — Guidelines for developing a strategic capability
TC 297	Waste collection and transportation management
ISO/CD 24162	Test method of energy consumption of waste collection and transport vehicles
TC 312	Excellence in service
ISO/DTS 24082	Design of excellent services and outstanding customer experiences
JTC 1	Information technology
ISO/IEC CD 24789-1	Identification cards — Card service life — Part 1: Application profiles and requirements
ISO/IEC CD 24789-2	Identification cards — Card service life — Part 2: Methods of evaluation
ISO/IEC CD 27553	Information technology — Security techniques — Security requirements for authentication using biometrics on mobile devices
ISO/IEC 24790:2017/ CD Amd 1	Information technology — Office equipment — Measurement of image quality attributes for hardcopy output — Monochrome text and graphic images — Amendment 1
ISO/IEC CD 19566-7	Information technologies — JPEG systems — Part 7: JPEG linked media format (JLINK)
ISO/IEC CD 39794-2	Information technology — Extensible biomet- ric data interchange formats — Part 2: Finger minutiae data

ISO/IEC CD 19944-2	Cloud computing and distributed platforms — Data flow, data categories and data use — Part 2: Guidance on application and extensibility
ISO/IEC DTS 22237-30	Information technology — Data centre facilities and infrastructures — Part 30: Earthquake risk and impact analysis

## DIS circulated

Period from 01 October to 01 November 2020

These documents have obtained substantial support within the ap-  
propriate 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 8	Ships and marine technology	
ISO/DIS 28005-2	Security management systems for the supply chain — Electronic port clearance (EPC) — Part 2: Core data elements (Revision of ISO 28005-2:2011)	2020-12-30
TC 20	Aircraft and space vehicles	
ISO/DIS 21849	Aircraft and space — Industrial data — Product identification and traceability  (Revision of ISO 21849:2006)	2021-01-04
ISO/DIS 23886	Aerospace — Collar, threaded, self-locking — Test method for torque and preload	2020-12-24
ISO/DIS 23887	Aerospace — Blind fasteners, threaded type, self-locking — Test method for locking torque	2020-12-24
ISO/DIS 23129	Space systems — Thermal control coatings for spacecraft — Atomic oxygen protective coating on polyimide film	2020-12-31
TC 22	Road vehicles	
ISO/DIS 15765-4	Road vehicles — Diagnostic communication over Controller Area Network (DoCAN) — Part 4: Requirements for emissions- related systems (Revision of ISO 15765-4:2016)	2020-12-31
ISO/DIS 21111-6	Road vehicles — In-vehicle Ethernet — Part 6: Electric- al 100-Mbit/s physical entity requirements and conformance test plan	2021-01-03
ISO/DIS 21111-9	Road vehicles — In-vehicle Eth- ernet — Part 9: Data link layer requirements and conformance test plan	2020-12-25

ISO/DIS 17447-1	Road Vehicles — Glow-plugs with conical seating and their cylinder head housing — Part 1: Basic characteristics and dimensions for metal-sheath-type glow-plugs (Revision of ISO 17447-1:2015)	2021-01-20	TC 43 ISO/DIS 23591	Acoustics Acoustic quality criteria for music rehearsal rooms and spaces	(Revision of ISO 18913:2012) 2021-01-06
TC 23 ISO/DIS 16438	Tractors and machinery for agriculture and forestry Agricultural irrigation equipment — Thermoplastic collapsible hoses for irrigation — Specifications and test methods (Revision of ISO 16438:2012)	2021-01-07	TC 45 ISO/DIS 21869	Rubber and rubber products Rubber compounding ingredients — Magnesium oxide — Methods of test (Revision of ISO 21869:2006)	2021-01-20
TC 28 ISO/DIS 12925-3	Petroleum and related products, fuels and lubricants from natural or synthetic sources Lubricants, industrial oils and related products (Class L) — Family C (gears) — Part 3: Specifications for greases for enclosed and open gear systems	2021-01-20	TC 58 ISO 11439:2013/ DAmd 1	Gas cylinders Gas cylinders — High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles — Amendment 1	2020-12-24
TC 29 ISO/DIS 22402-1	Small tools Medium-transfer units for tool interfaces — Part 1: Transfer units for hollow taper shanks in accordance with ISO 12164	2021-01-04	TC 59 ISO/DIS 24068-1	Buildings and civil engineering works Buildings and civil engineering works — Determination of the degree of cure of sealants — Part 1: Build-up of tensile properties in dumbbell-shaped specimens	2021-01-01
ISO/DIS 22402-2	Medium-transfer units for tool interfaces — Part 2: Transfer units for polygonal taper interfaces in accordance with ISO 26623	2021-01-04	ISO/DIS 24068-2	Buildings and civil engineering works — Determination of the degree of cure of sealants — Part 2: Build-up of tensile and adhesion properties in test joint specimens	2021-01-01
TC 31 ISO/DIS 4000-2	Tyres, rims and valves Passenger car tyres and rims — Part 2: Rims (Revision of ISO 4000-2:2013)	2020-12-28	ISO/DIS 24070-1	Buildings and civil engineering works — Determination of cured thickness of one-component sealants — Part 1: Taper-shaped groove test method	2020-12-31
TC 33 ISO/DIS 13765-7.2	Refractories Refractory mortars — Part 7: Determination of permanent change in dimensions on heating	2020-12-21	ISO/DIS 24070-2	Buildings and civil engineering works — Determination of cured thickness of one-component sealants — Part 2: Cylindrical cup test method	2020-12-31
TC 39 ISO/DIS 230-5	Machine tools Test code for machine tools — Part 5: Determination of the noise emission (Revision of ISO 230-5:2000)	2020-12-30	TC 61 ISO/DIS 4216	Plastics Thermosetting resin and UV curable resin — Determination of shrinkage by continuous measurement method	2021-01-20
ISO 16089:2015/ DAmd 1	Machine tools — Safety — Stationary grinding machines — Amendment 1	2021-01-20	TC 67 ISO/DIS 13703-3	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries Petroleum and natural gas industries — Piping systems on offshore production platforms and onshore plants — Part 3: Fabrication (Revision of ISO 13703:2000, ISO 13703:2000/Cor 1:2002)	2021-01-11
ISO/DIS 16090-1	Machine tools safety — Machining centres, milling machines, transfer machines — Part 1: Safety requirements (Revision of ISO 16090-1:2017)	2021-01-22	TC 68 ISO/DIS 3531-1	Financial services Financial services – Financial information eXchange session layer — Part 1: FIX TagValue encoding	2020-12-30
TC 41 ISO/DIS 5287	Pulleys and belts (including veebelts) Belt drives — V-belts for the automotive industry — Fatigue test (Revision of ISO 5287:2003)	2020-12-28	ISO/DIS 3531-2	Financial services – Financial information eXchange session layer — Part 2: FIX session layer	2020-12-30
TC 42 ISO/DIS 18913	Photography Imaging materials — Permanence — Vocabulary	2021-01-07			

			(Revision of ISO 12635:2008)		
ISO/DIS 3531-3	Financial services – Financial information eXchange session layer — Part 3: FIX session layer test cases	2020-12-30	TC 136 ISO/DIS 3055	Furniture Kitchen equipment — Coordinating sizes	2020-12-30
TC 89 ISO/DIS 1096	Wood-based panels Plywood — Classification	2020-12-25	ISO/DIS 23769	(Revision of ISO 3055:1985) Furniture — Mattresses — Test methods for the determination of functional characteristics	2021-01-01
ISO/DIS 13609	(Revision of ISO 1096:2014) Wood-based panels — Plywood — Blockboards and battenboards	2020-12-25	TC 138	Plastics pipes, fittings and valves for the transport of fluids	
TC 96 ISO/DIS 7752-5	Cranes Cranes — Control layout and characteristics — Part 5: Bridge and gantry cranes	2020-12-29	ISO 12176-2:2008/DAMd 1	Plastics pipes and fittings — Equipment for fusion jointing polyethylene systems — Part 2: Electrofusion — Amendment 1	2021-01-18
TC 104 ISO 668:2020/DAMd 1	Freight containers Series 1 freight containers — Classification, dimensions and ratings — Amendment 1	2021-01-11	TC 142	Cleaning equipment for air and other gases	
TC 107 ISO/DIS 4524-3	Metallic and other inorganic coatings Metallic coatings — Test methods for electrodeposited gold and gold alloy coatings — Part 3: Electrographic tests for porosity (Revision of ISO 4524-3:1985)	2020-12-29	ISO/DIS 29461-1	Air intake filter systems for rotary machinery — Test methods — Part 1: Static filter elements	2021-01-18
TC 113 ISO/DIS 772	Hydrometry Hydrometry — Vocabulary and symbols	2021-01-05	TC 145	Graphical symbols	
ISO/DIS 3716	(Revision of ISO 772:2011) Hydrometry — Functional requirements and characteristics of suspended-sediment samplers (Revision of ISO/TS 3716:2006)	2021-01-20	ISO 7010:2019/DAMd 120	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 120: Safety sign E067 : Evacuation mattress	2020-12-24
TC 121 ISO/DIS 80601-2-74	Anaesthetic and respiratory equipment Medical electrical equipment — Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment (Revision of ISO 80601-2-74:2017)	2021-01-18	ISO 7010:2019/DAMd 121	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 121: Safety sign E068 : Lifebuoy with light and smoke	2020-12-24
ISO/DIS 80601-2-90	Medical electrical equipment — Part 2-90: Particular requirements for basic safety and essential performance of ventilatory high-flow therapy equipment	2020-12-30	ISO 7010:2019/DAMd 122	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 122: Safety sign E069 : Person overboard call point	2020-12-24
TC 126 ISO/DIS 16632	Tobacco and tobacco products Tobacco and tobacco products — Determination of water content — Gas-chromatographic method (Revision of ISO 16632:2013)	2021-01-13	ISO 7010:2019/DAMd 123	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 123: Safety sign F019 : Unconnected fire hose	2020-12-24
TC 130 ISO/DIS 12635	Graphic technology Graphic technology — Plates for offset printing — Dimensions	2021-01-14	TC 147	Water quality	
			ISO/DIS 8466-1	Water quality — Calibration and evaluation of analytical methods — Part 1: Linear calibration function (Revision of ISO 8466-1:1990)	2021-01-20
			TC 150	Implants for surgery	
			ISO/DIS 5832-3	Implants for surgery — Metallic materials — Part 3: Wrought titanium 6-aluminium 4-vanadium alloy (Revision of ISO 5832-3:2016)	2021-01-05
			ISO/DIS 9584	Implants for surgery — Non-destructive testing — Radiographic examination of cast metallic surgical implants (Revision of ISO 9584:1993)	2021-01-18
			ISO/DIS 23089-2	Implants for surgery — Pre-clinical mechanical assessment of spinal implants and particular requirements — Part 2: Spinal intervertebral body fusion devices	2020-12-25
			TC 156	Corrosion of metals and alloys	

ISO/DIS 24656	Cathodic protection of offshore wind structures	2021-01-11	ISO/DIS 14030-2	Environmental performance evaluation — Green debt instruments — Part 2: Process for green loans	2021-01-13
TC 159	Ergonomics		TC 213	Dimensional and geometrical product specifications and verification	
ISO/DIS 8996	Ergonomics of the thermal environment — Determination of metabolic rate	2021-01-18	ISO/DIS 25178-700	Geometrical product specifications (GPS) — Surface texture: Areal — Part 700: Calibration, adjustment and verification of areal topography measuring instruments	2021-01-18
ISO/DIS 14505-4	Ergonomics of the thermal environment — Evaluation of thermal environments in vehicles — Part 4: Determination of the equivalent temperature by means of a numerical manikin	2021-01-11	TC 214	Elevating work platforms	
TC 172	Optics and photonics		ISO/DIS 16653-2	Mobile elevating work platforms — Design, calculations, safety requirements and test methods relative to special features — Part 2: MEWPs with non-conductive (insulating) components (Revision of ISO 16653-2:2009)	2021-01-22
ISO/DIS 14490-5	Optics and photonics — Test methods for telescopic systems — Part 5: Test methods for transmittance (Revision of ISO 14490-5:2017)	2021-01-01	TC 215	Health informatics	
ISO/DIS 15253	Ophthalmic optics and instruments — Optical and electro-optical devices for enhancing low vision (Revision of ISO 15253:2000, ISO 15254:2009)	2020-12-30	ISO/DIS 13972	Health informatics — Clinical information models — Characteristics, structures and requirements (Revision of ISO/TS 13972:2015)	2020-12-25
TC 184	Automation systems and integration		TC 220	Cryogenic vessels	
ISO/DIS 10303-59	Industrial automation systems and integration — Product data representation and exchange — Part 59: Integrated generic resource: Quality of product shape data (Revision of ISO 10303-59:2014)	2021-01-18	ISO 20421-1:2019/DAmD 1	Cryogenic vessels — Large transportable vacuum-insulated vessels — Part 1: Design, fabrication, inspection and testing — Amendment 1	2021-01-20
TC 188	Small craft		ISO/DIS 21013-1	Cryogenic vessels — Pressure-relief accessories for cryogenic service — Part 1: Reclosable pressure-relief valves (Revision of ISO 21013-1:2008)	2021-01-22
ISO/DIS 21487	Small craft — Permanently installed petrol and diesel fuel tanks	2020-12-28	TC 268	Sustainable cities and communities	
	(Revision of ISO 21487:2012, ISO 21487:2012/Amd 1:2014, ISO 21487:2012/Amd 2:2015)		ISO/DIS 37180	Smart community infrastructures — Guidance on smart transportation with QR code identification and authentication in transportation and its related or additional services	2021-01-19
TC 198	Sterilization of health care products		TC 269	Railway applications	
ISO/DIS 11138-8	Sterilization of health care products — Biological indicators — Part 8: Method for validation of a reduced incubation time for a biological indicator	2020-12-28	ISO/DIS 22074-5	Railway infrastructure — Rail fastening systems — Part 5: Test method for electrical resistance	2020-12-28
TC 204	Intelligent transport systems		ISO/DIS 22074-7	Railway infrastructure — Rail fastening systems — Part 7: Test method for clamping force and uplift stiffness	2020-12-28
ISO/DIS 12855	Electronic fee collection — Information exchange between service provision and toll charging	2021-01-13	ISO/DIS 22752	Railway applications — Body-side windows for rolling stock	2020-12-28
	(Revision of ISO 12855:2015)		JTC 1	Information technology	
ISO/DIS 16460	Intelligent transport systems — Localized communications — Communication protocol messages for global usage (Revision of ISO/TS 16460:2016)	2020-12-28	ISO/IEC DIS 24773-3	Software and systems engineering — Certification of software and systems engineering professionals — Part 3: Systems Engineering	2021-01-20
ISO/DIS 22085-3	Intelligent transport systems (ITS) — Nomadic device service platform for micro mobility — Part 3: Data structure and data exchange procedures	2020-12-29	ISO/IEC DIS 7816-8	Identification cards — Integrated circuit cards — Part 8: Commands and mechanisms for security operations (Revision of ISO/IEC 7816-8:2019)	2021-01-05
TC 207	Environmental management				

ISO/IEC DIS 18745-2	Cards and security devices for personal identification — Test methods for machine readable travel documents (MRTD) and associated devices — Part 2: Test methods for the contactless interface (Revision of ISO/IEC 18745-2:2016)	2020-12-30	Period from 01 October to 01 November 2020 These Final draft International Standards have been submitted to the ISO member bodies for formal approval by the date shown * Available in English only	
ISO/IEC 27021:2017/ DAmd 1	Information technology — Security techniques — Competence requirements for information security management systems professionals — Amendment 1: Addition of ISO/IEC 27001:2013 clauses or subclauses to competence requirements	2021-01-06		Vote terminates
ISO/IEC 13818-1:2019/ DAmd 2	Information technology — Generic coding of moving pictures and associated audio information — Part 1: Systems — Amendment 2: Carriage of VVC in MPEG-2 Systems	2020-12-30	TC 6 ISO/FDIS 12625-17	Paper, board and pulps Tissue paper and tissue products — Part 17: Determination of disintegration in water 2020-12-24
ISO/IEC 14496- 15:2019/DAmd 2	Information technology — Coding of audio-visual objects — Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format — Amendment 2: Carriage of VVC in ISOBMFF	2020-12-28	TC 17 ISO/PRF 6306	Steel Chemical analysis of steel — Order of listing elements in steel standards (Revision of ISO 6306:2019)
ISO/IEC DIS 18181-2	Information technology — JPEG XL Image coding system — Part 2: File format	2021-01-12	ISO/PRF 23825	Method for evaluating the nodularity of spheroidal carbides — Steels for cold heading and cold extruding
ISO/IEC 23001- 10:2020/DAmd 1	Information technology — MPEG systems technologies — Part 10: Carriage of timed metadata metrics of media in ISO base media file format — Amendment 1: Support for Content-Guided Transcoding and Spatial Relationship of Immersive Media	2021-01-12	TC 20 ISO/FDIS 23665	Aircraft and space vehicles Unmanned aircraft systems — Training for personnel involved in UAS operations 2020-12-08
ISO/IEC DIS 23009-8	Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 8: Session-based DASH operations	2021-01-01	TC 22 ISO/PRF TR 4804	Road vehicles Road vehicles — Safety and cybersecurity for automated driving systems — Design, verification and validation
ISO/IEC DIS 23090-10	Information technology — Coded representation of immersive media — Part 10: Carriage of visual volumetric video-based coding data	2020-12-28	ISO/FDIS 8092-5	Road vehicles — Connections for on-board electrical wiring harnesses — Part 5: Test methods and general performance requirements for wiring harness connector operation 2020-12-16
ISO/IEC DIS 23090-17	Information technology — Coded representation of immersive media — Part 17: Reference software and conformance for OMAF	2020-12-28	ISO/PRF 8820-10	Road vehicles — Fuse-links — Part 10: Fuse-links with tabs Type L (high current miniature) (Revision of ISO 8820-10:2015)
ISO/IEC DIS 39794-9	Information technology — Extensible biometric data interchange formats — Part 9: Vascular image data	2021-01-11	ISO/FDIS 21498-1	Electrically propelled road vehicles — Electrical specifications and tests for voltage class B systems and components — Part 1: Voltage sub-classes and characteristics (Revision of ISO/PAS 19295:2016) 2020-12-08
ISO/IEC DIS 39794-17	Information technology — Extensible biometric data interchange formats — Part 17: Gait image sequence data	2021-01-05	ISO 15501- 1:2016/PRF Amd 1	Road vehicles — Compressed natural gas (CNG) fuel systems — Part 1: Safety requirements — Amendment 1
			ISO 19723- 1:2018/PRF Amd 1	Road vehicles — Liquefied natural gas (LNG) fuel systems — Part 1: Safety requirements — Amendment 1
			TC 23 ISO/FDIS 22172-2	Tractors and machinery for agriculture and forestry Agricultural vehicles — Standardized access to repair and maintenance information (RMI) — Part 2: Vehicle on-board diagnostics 2020-12-10

## FDIS circulated

ISO/FDIS 6489-3	Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 3: Tractor drawbar (Revision of ISO 6489-3:2004)	2020-12-09	ISO/PRF 21765	Textiles — Determination of fabric deformability by forced mechanical distension	
ISO/FDIS 21191	Equipment for crop protection — Closed transfer systems (CTS) — Performance specification	2020-12-02	TC 45	Rubber and rubber products	
			ISO/FDIS 3861	Rubber hoses and hose assemblies for sand and grit blasting — Specification  (Revision of ISO 3861:2005)	2020-12-03
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources		TC 58	Gas cylinders	
ISO 4259-1:2017/PRF Amd 2	Petroleum and related products — Precision of measurement methods and results — Part 1: Determination of precision data in relation to methods of test — Amendment 2: Updating definition of r and R		ISO 7866:2012/PRF Amd 1	Gas cylinders — Refillable seamless aluminium alloy gas cylinders — Design, construction and testing — Amendment 1	
ISO/PRF 22192	Bunkering of marine fuel using the Coriolis mass flow meter (MFM) system		TC 61	Plastics	
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## Standards published

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New International Standards published between 01 October and 01 November 2020				ISO	en	Road vehicles — Media Oriented Systems Transport (MOST) — Part 3: Application layer conformance test plan	H
<sup>1</sup> delayed publication of language version				ISO	en	Road vehicles — Media Oriented Systems Transport (MOST) — Part 8: 150-Mbit/s optical physical layer	F
<sup>2</sup> corrected version				ISO	en	Road vehicles — Media Oriented Systems Transport (MOST) — Part 9: 150-Mbit/s optical physical layer conformance test plan	G
<sup>3</sup> multilingual document				ISO	en	Road vehicles — Anchorages in vehicles and attachments to anchorages for child restraint systems — Part 4: Lower tether anchorages	C
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TC 58		Gas cylinders		ISO 13253:2017/ Amd 1:2020	en	Ducted air-conditioners and air-to-air heat pumps — Testing and rating for performance — Amendment 1	XZ
ISO 10298:2018	fr	Gas cylinders — Gases and gas mixtures — Determination of toxicity for the selection of cylinder valve outlets	C	ISO 15042:2017/ Amd 1:2020	en	Multiple split-system air conditioners and air-to-air heat pumps — Testing and rating for performance — Amendment 1	XZ
ISO 13338:2017	fr	Gas cylinders — Gases and gas mixtures — Determination of tissue corrosiveness for the selection of cylinder valve outlets	B	TC 87		Cork	
ISO 11755:2005	fr	Gas cylinders — Cylinder bundles for compressed and liquefied gases (excluding acetylene) — Inspection at time of filling	A	ISO 2385:2020	en	Packed cork — Virgin cork, raw reproduction cork, burnt cork, boiled reproduction cork and raw cork waste — Sampling to determine moisture content	A
TC 61		Plastics		TC 89		Wood-based panels	
ISO 20329:2020	en	Plastics — Determination of abrasive wear by reciprocating linear sliding motion	C	ISO 12460-3:2020	en fr	Wood-based panels — Determination of formaldehyde release — Part 3: Gas analysis method	C
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries		TC 92		Fire safety	
ISO 35102:2020	fr	Petroleum and natural gas industries — Arctic operations — Escape, evacuation and rescue from offshore installations	H	ISO/TS 17755-2:2020	fr	Fire safety — Statistical data collection — Part 2: Vocabulary	A
ISO 20257-1:2020	en	Installation and equipment for liquefied natural gas — Design of floating LNG installations — Part 1: General requirements	H	ISO 13784-2:2020	en	Reaction-to-fire tests for sandwich panel building systems — Part 2: Test method for large rooms	C
TC 68		Financial services		TC 94		Personal safety -- Personal protective equipment	
ISO 13616-2:2020	en	Financial services — International bank account number (IBAN) — Part 2: Role and responsibilities of the Registration Authority	A	ISO 18527-3:2020	en fr	Eye and face protection for sports use — Part 3: Requirements and test methods for eyewear intended to be used for surface swimming	D
TC 69		Applications of statistical methods		TC 96		Cranes	
ISO/TR 22914:2020	en	Statistical methods for implementation of Six Sigma — Selected illustration of analysis of variance	G	ISO 4306-4:2020	en fr	Cranes — Vocabulary — Part 4: Jib cranes	A
TC 70		Internal combustion engines		TC 106		Dentistry	
ISO 8528-3:2020	en fr	Reciprocating internal combustion engine driven alternating current generating sets — Part 3: Alternating current generators for generating sets	D	ISO 10477:2020	en fr	Dentistry — Polymer-based crown and veneering materials	D
TC 83		Sports and other recreational facilities and equipment		ISO 1942:2020	en fr	Dentistry — Vocabulary	A

ISO 20888:2020	en fr	Dentistry — Vocabulary and designation system for forensic oro-dental data	A	ISO 7438:2020	en fr	Metallic materials — Bend test	C
TC 107		Metallic and other inorganic coatings		ISO 12004-1:2020	en fr	Metallic materials — Determination of forming-limit curves for sheet and strip — Part 1: Measurement and application of forming-limit diagrams in the press shop	B
ISO 16866:2020	en	Metallic and other inorganic coatings — Simultaneous thickness and electrode potential determination of individual layers in multilayer nickel deposits (STEP test)	B	TC 172		Optics and photonics	
TC 110		Industrial trucks		ISO 11978:2017/ Amd 1:2020	en fr	Ophthalmic optics — Contact lenses and contact lens care products — Labelling — Amendment 1	XZ
ISO 3691-4:2020	fr	Industrial trucks — Safety requirements and verification — Part 4: Driverless industrial trucks and their systems	H	TC 173		Assistive products	
TC 114		Horology		ISO 17190-1:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 1: Test method for determination of pH	A
ISO 10553:2018	fr	Horology — Procedure for evaluating the accuracy of quartz watches	C	ISO 17190-3:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 3: Test method for determination of the particle size distribution by sieve fractionation	A
TC 121		Anaesthetic and respiratory equipment		ISO 17190-4:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 4: Test method for estimation of the moisture content as weight loss upon heating	A
ISO 26825:2020	en	Anaesthetic and respiratory equipment — User-applied labels for syringes containing drugs used during anaesthesia — Colours, design and performance	B	ISO 17190-5:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 5: Test method for determination of the free swell capacity in saline by gravimetric measurement	B
ISO 80601-2-67:2020	en fr	Medical electrical equipment — Part 2-67: Particular requirements for basic safety and essential performance of oxygen-conserving equipment	G	ISO 17190-6:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 6: Test method for determination of the fluid retention capacity in saline solution by gravimetric measurement following centrifugation	B
TC 122		Packaging		ISO 17190-7:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 7: Test method for gravimetric determination of absorption against pressure	B
ISO 21976:2018	fr	Packaging — Tamper verification features for medicinal product packaging	C	ISO 17190-8:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 8: Test method for determination of the permeability dependent absorption under pressure of saline solution by gravimetric measurement	B
TC 123		Plain bearings		ISO 17190-9:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 9: Test method for gravimetric determination of flow rate and bulk density	B
ISO 21866-1:2020	en	Plain bearings — Automotive engine bearing test rig using actual connecting rods — Part 1: Test rig	C	ISO 17190-10:2020	en	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 10: Test method for determination of extractable polymer content by potentiometric titration	B
TC 134		Fertilizers, soil conditioners and beneficial substances		TC 182		Geotechnics	
ISO 19747:2020	en	Fertilizers and soil conditioners — Determination of monosilicic acid concentrations in nonliquid fertilizer materials	B	ISO 18674-3:2017/ Amd 1:2020	fr	Geotechnical investigation and testing — Geotechnical monitoring by field instrumentation — Part 3: Measurement of displacements across a line: Inclinoimeters — Amendment 1	XZ
TC 135		Non-destructive testing		TC 164		Mechanical testing of metals	
ISO 22232-3:2020	en fr	Non-destructive testing — Characterization and verification of ultrasonic test equipment — Part 3: Combined equipment	B	ISO 23449:2020	en	Corrosion of metals and alloys — Multielectrode arrays for corrosion measurement	D
TC 145		Graphical symbols		TC 164		Mechanical testing of metals	
ISO/TS 20559:2020	en	Graphical symbols — Safety colours and safety signs — Guidance for the development and use of a safety signing system	C				
ISO 23601:2020	en	Safety identification — Escape and evacuation plan signs	C				
TC 156		Corrosion of metals and alloys					
ISO 23449:2020	en	Corrosion of metals and alloys — Multielectrode arrays for corrosion measurement	D				
TC 164		Mechanical testing of metals					

ISO 22476-14:2020	fr	Geotechnical investigation and testing — Field testing — Part 14: Borehole dynamic probing	D	ISO/TS 22692:2020	en	Genomics informatics— Quality control metrics for DNA sequencing	C
TC 184		Automation systems and integration		TC 216		Footwear	
ISO 10303-113:2020	en	Industrial automation systems and integration — Product data representation and exchange — Part 113: Integrated application resource: Mechanical features	D	ISO 24263:2020	en fr	Footwear — Attachment strength of straps, trims and accessories	A
ISO 22549-1:2020	en	Automation systems and integration — Assessment on convergence of informatization and industrialization for industrial enterprises — Part 1: Framework and reference model	B	ISO 24264:2020	en fr	Footwear — Test methods for hollow and compact heels with top pieces — Top piece attachment strength	A
ISO 22549-2:2020	en	Automation systems and integration — Assessment on convergence of informatization and industrialization for industrial enterprises — Part 2: Maturity model and evaluation methodology	F	ISO 24265:2020	en fr	Footwear — Test methods for uppers — Resistance to rubbing using a rubber strip	A
TC 188		Small craft		TC 219		Floor coverings	
ISO 11591:2020	en fr	Small craft — Field of vision from the steering position	B	ISO 10874:2009/ Amd 1:2020	en fr	Resilient, textile and laminate floor coverings — Classification — Amendment 1: Elimination of class 22+	XZ
TC 190		Soil quality		TC 221		Geosynthetics	
ISO 23753-1:2019/Amd 1:2020	en	Soil quality — Determination of dehydrogenases activity in soils — Part 1: Method using triphenyltetrazolium chloride (TTC) — Amendment 1: Soil quality — Determination of dehydrogenases activity in soils — Part 1: Method using triphenyltetrazolium chloride (TTC) - Amendment 1	XZ	ISO 12958-1:2020	en	Geotextiles and geotextile-related products — Determination of water flow capacity in their plane — Part 1: Index test	C
ISO 23753-2:2019/Amd 1:2020	en	Soil quality — Determination of dehydrogenases activity in soils — Part 2: Method using iodotetrazolium chloride (INT) — Amendment 1: Soil quality — Determination of dehydrogenases activity in soils — Part 2: Method using iodotetrazolium chloride (INT) - Amendment 1	XZ	ISO 12958-2:2020	en	Geotextiles and geotextile-related products — Determination of water flow capacity in their plane — Part 2: Performance test	C
TC 195		Building construction machinery and equipment		ISO/TS 13434:2020	en	Geosynthetics — Guidelines for the assessment of durability	F
ISO 15643:2020	en fr	Road construction and maintenance equipment — Bituminous binder sprayers and synchronous bituminous binder sprayers-chip spreaders — Terminology and commercial specifications	D	TC 249		Traditional Chinese medicine	
TC 201		Surface chemical analysis		ISO/TS 20498-4:2020	en	Traditional Chinese medicine — Computerized tongue image analysis system — Part 4: Peripheral visual instruments	A
ISO 16531:2020	en	Surface chemical analysis — Depth profiling — Methods for ion beam alignment and the associated measurement of current or current density for depth profiling in AES and XPS	D	TC 261		Additive manufacturing	
TC 207		Environmental management		ISO/ASTM 52903-2:2020	en fr	Additive manufacturing — Material extrusion-based additive manufacturing of plastic materials — Part 2: Process equipment	A
ISO 14006:2020	es	Environmental management systems — Guidelines for incorporating ecodesign	E	TC 268		Sustainable cities and communities	
TC 215		Health informatics		ISO 37123:2019	fr	Sustainable cities and communities — Indicators for resilient cities	H
ISO 17090-4:2020	en	Health informatics — Public key infrastructure — Part 4: Digital signatures for healthcare documents	E	TC 274		Light and lighting	
				ISO/TS 21274:2020	en	Light and lighting — Commissioning of lighting systems in buildings	C
				TC 292		Security and resilience	
				ISO 22384:2020	en fr	Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines to establish and monitor a protection plan and its implementation	C
				TC 298		Rare earth	
				ISO 22444-1:2020	en	Rare earth — Vocabulary — Part 1: Minerals, oxides and other compounds	A

ISO 22444-2:2020	en	Rare earth — Vocabulary — Part 2: Metals and their alloys	A	IEC 60823:1990		Microprocessor system bus (VMSbus) — Serial sub-system bus of the IEC 821 Bus (VMEbus)	BC
ISO 22450:2020	en	Recycling of rare earth elements — Requirements for providing information on industrial waste and end-of-life products	C	IEC 60824:1988		Terminology related to microprocessors	BJ
TC 301		Energy management and energy savings		IEC 60948:1988		Numeric keyboard for home electronic systems (HES)	BJ
ISO 50049:2020	fr	Calculation methods for energy efficiency and energy consumption variations at country, region and city levels	G	ISO/IEC 19989-2:2020	en	Information security — Criteria and methodology for security evaluation of biometric systems — Part 2: Biometric recognition performance	E
CASCO		Committee on conformity assessment		ISO/IEC 21122-5:2020	en	Information technology — JPEG XS low-latency lightweight image coding system — Part 5: Reference software	B
ISO/IEC 17000:2020	es	Conformity assessment — Vocabulary and general principles	A	ISO/IEC 23092-1:2020	en	Information technology — Genomic information representation — Part 1: Transport and storage of genomic information	G
JTC 1		Information technology		ISO/IEC 23092-2:2020	en	Information technology — Genomic information representation — Part 2: Coding of genomic information	H
ISO/IEC 30145-2:2020	en	Information technology — Smart City ICT reference framework — Part 2: Smart city knowledge management framework	B	ISO/IEC 23092-4:2020	en	Information technology — Genomic information representation — Part 4: Reference software	A
ISO/IEC/IEEE 12207-2:2020	en	Systems and software engineering — Software life cycle processes — Part 2: Relation and mapping between ISO/IEC/IEEE 12207:2017 and ISO/IEC 12207:2008	H	ISO/IEC 23094-1:2020	en	Information technology — General video coding — Part 1: Essential video coding	H
ISO/IEC/IEEE 24748-3:2020	en	Systems and software engineering — Life cycle management — Part 3: Guidelines for the application of ISO/IEC/IEEE 12207 (software life cycle processes)	G	ISO/IEC 18046-3:2020	en	Information technology — Radio frequency identification device performance test methods — Part 3: Test methods for tag performance	G
ISO/IEC 10373-1:2020	en	Cards and security devices for personal identification — Test methods — Part 1: General characteristics	G	ISO/IEC 19823-16:2020	en	Information technology — Conformance test methods for security service crypto suites — Part 16: Crypto suite ECDSA-ECDH security services for air interface communications	D
ISO/IEC 11801-2:2017	en	Information technology — Generic cabling for customer premises — Part 2: Office premises	D	ISO/IEC 19763-3:2020	en	Information technology — Metamodel framework for interoperability (MFI) — Part 3: Metamodel for ontology registration	F
IEC 60796-1:1990		Microprocessor system bus — 8-bit and 16-bit data (MULTIBUS I) — Part 1: Functional description with electrical and timing specifications	BB	ISO/IEC 30113-60:2020	en	Information technology — Gesture-based interfaces across devices and methods — Part 60: General guidance on gestures for screen readers	B
IEC 60796-2:1990		Microprocessor system bus — 8-bit and 16-bit data (MULTIBUS I) — Part 2: Mechanical and pin descriptions for the system bus configuration, with edge connectors (direct)	BK	ISO/IEC 20013:2020	en	Information technology for learning, education and training — Reference framework of e-Portfolio information	F
IEC 60796-3:1990		Microprocessor system BUS I, 8-bit and 16-bit data (MULTIBUS I) — Part 3: Mechanical and pin descriptions for the Eurocard configuration with pin and socket (indirect) connectors	BK	ISO/IEC TR 23842-1:2020	en	Information technology for learning, education and training — Human factor guidelines for virtual reality content — Part 1: Considerations when using VR content	A
IEC 60821:1991		VMEbus — Microprocessor system bus for 1 byte to 4 byte data	BG	ISO/IEC TR 23842-2:2020	en	Information technology for learning, education, and training — Human factor guidelines for virtual reality content — Part 2: Considerations when making VR content	A
IEC 60821:1991/ Amd 1:1999	en	VMEbus — Microprocessor system bus for 1 byte to 4 byte data — Amendment 1	BK	ISO/IEC TR 23843:2020	en	Information technology for learning, education and training — Catalogue model for virtual, augmented and mixed reality content	D
IEC 60822:1988		Parallel Sub-system Bus of the IEC 821 VME bus	BC				

ISO/IEC TS 29140:2020	en	Information technology for learning, education and training — Nomadicity and mobile technologies
ISO/IEC 19944-1:2020	en	Cloud computing and distributed platforms Data flow, data categories and data use — Part 1: Fundamentals

F

G

## Standards confirmed

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

TC 4	Rolling bearings
ISO 12240-1:1998	(reconfirmed)
ISO 12240-2:1998	(reconfirmed)
ISO 12240-3:1998	(reconfirmed)
ISO 12240-4:1998	(reconfirmed)
TC 6	Paper, board and pulps
ISO 3689:1983	(reconfirmed)
ISO 5626:1993	(reconfirmed)
ISO 5636-6:2015	
TC 8	Ships and marine technology
ISO 5621:1984	(reconfirmed)
TC 17	Steel
ISO 683-17:2014	
ISO 683-18:2014	
ISO 4969:2015	
TC 20	Aircraft and space vehicles
ISO 1965:1973	(reconfirmed)
ISO 5866:1983	(reconfirmed)
ISO 6859-1:1982	(reconfirmed)
ISO 8668-1:1986	(reconfirmed)
ISO 8668-3:1994	(reconfirmed)
ISO 8668-4:1993	(reconfirmed)
ISO 8668-6:1994	(reconfirmed)
TC 22	Road vehicles
ISO 20826:2006	(reconfirmed)
TC 23	Tractors and machinery for agriculture and forestry
ISO 23205:2014	
ISO 8083:2006	(reconfirmed)
ISO 19472:2006	(reconfirmed)
ISO 7113:1999	(reconfirmed)
ISO 8380:1993	(reconfirmed)
ISO 11545:2009	(reconfirmed)
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO 7941:1988	(reconfirmed)
ISO 11158:2009	(reconfirmed)

TC 30	Measurement of fluid flow in closed conduits
ISO 11631:1998	(reconfirmed)
TC 35	Paints and varnishes
ISO 6860:2006	(reconfirmed)
ISO 21227-2:2006	(reconfirmed)
TC 37	Language and terminology
ISO 22128:2008	(reconfirmed)
TC 38	Textiles
ISO 10547:2009	(reconfirmed)
ISO 10554:2009	(reconfirmed)
ISO 10556:2009	(reconfirmed)
ISO 10572:2009	(reconfirmed)
ISO 2061:2015	
TC 39	Machine tools
ISO 230-7:2015	
ISO 7988:1988	(reconfirmed)
ISO 9265:1988	(reconfirmed)
TC 44	Welding and allied processes
ISO 2503:2009	(reconfirmed)
ISO 5172:2006	(reconfirmed)
ISO 15614-2:2005	(reconfirmed)
TC 45	Rubber and rubber products
ISO 6807:2003	(reconfirmed)
ISO 8032:1997	(reconfirmed)
ISO 9028:2006	(reconfirmed)
TC 46	Information and documentation
ISO 10160:2015	
TC 61	Plastics
ISO 16620-1:2015	
ISO 16620-3:2015	
TC 67	Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries
ISO/TR 13881:2000	(reconfirmed)
ISO 15463:2003	(reconfirmed)
TC 68	Financial services
ISO/TS 12812-2:2017	
ISO/TS 12812-3:2017	
ISO/TS 12812-4:2017	
ISO/TS 12812-5:2017	
TC 71	Concrete, reinforced concrete and pre-stressed concrete
ISO 1920-12:2015	
ISO 22965-1:2007	(reconfirmed)
ISO 22965-2:2007	(reconfirmed)
TC 72	Textile machinery and accessories
ISO 9947:2005	(reconfirmed)
TC 83	Sports and other recreational facilities and equipment
ISO 11497:1998	(reconfirmed)
ISO 13992:2014	

ISO 14790:2005	(reconfirmed)	ISO 8495:2013	
ISO 22264:2006	(reconfirmed)	ISO 8496:2013	
TC 92	Fire safety	TC 183	Copper, lead, zinc and nickel ores and concentrates
ISO/TS 3814:2014	(reconfirmed)	ISO 10251:2006	(reconfirmed)
ISO 5657:1997	(reconfirmed)	ISO 12744:2006	(reconfirmed)
ISO/TS 5658-1:2006	(reconfirmed)	TC 185	Safety devices for protection against excessive pressure
ISO 10295-2:2009	(reconfirmed)	ISO 4126-9:2008	(reconfirmed)
TC 96	Cranes	TC 190	Soil quality
ISO 4310:2009	(reconfirmed)	ISO 10382:2002	(reconfirmed)
ISO 11629:2004	(reconfirmed)	ISO 11047:1998	(reconfirmed)
TC 106	Dentistry	ISO 11264:2005	(reconfirmed)
ISO 13397-1:1995	(reconfirmed)	ISO 11271:2002	(reconfirmed)
TC 118	Compressors and pneumatic tools, machines and equipment	ISO 11465:1993	(reconfirmed)
ISO 5390:1977	(reconfirmed)	ISO 13878:1998	(reconfirmed)
TC 122	Packaging	ISO 14255:1998	(reconfirmed)
ISO 6591-1:1984	(reconfirmed)	ISO 14507:2003	(reconfirmed)
ISO 6591-2:1985	(reconfirmed)	ISO 16703:2004	(reconfirmed)
ISO 8351-1:1994	(reconfirmed)	ISO 16720:2005	(reconfirmed)
ISO 8351-2:1994	(reconfirmed)	ISO/TS 16965:2013	(reconfirmed)
ISO 11897:1999	(reconfirmed)	ISO 20279:2005	(reconfirmed)
ISO 15867:2003	(reconfirmed)	TC 198	Sterilization of health care products
ISO 17480:2015		ISO/TS 13004:2013	(reconfirmed)
ISO/TS 18614:2016		TC 207	Environmental management
ISO/TS 19709-3:2016		ISO 14046:2014	
ISO 20848-1:2006	(reconfirmed)	ISO/TS 14048:2002	(reconfirmed)
ISO 20848-2:2006	(reconfirmed)	TC 211	Geographic information/Geomatics
TC 131	Fluid power systems	ISO 19147:2015	
ISO 4395:2009	(reconfirmed)	ISO 19150-2:2015	
ISO 6020-2:2015		TC 219	Floor coverings
ISO 10762:2015		ISO 16581:2014	
ISO 3723:2015		ISO 24011:2009	(reconfirmed)
ISO 18413:2015		TC 221	Geosynthetics
TC 135	Non-destructive testing	ISO 10318-1:2015	
ISO 18563-1:2015		ISO 10318-2:2015	
TC 138	Plastics pipes, fittings and valves for the transport of fluids	TC 256	Pigments, dyestuffs and extenders
ISO 3126:2005	(reconfirmed)	ISO 18473-2:2015	
ISO 4059:1978	(reconfirmed)	IULTCS	International Union of Leather Technologists and Chemists Societies
ISO 17454:2006	(reconfirmed)	ISO 2588:2014	
ISO 25780:2011		ISO 4684:2005	(reconfirmed)
TC 146	Air quality	ISO 5398-2:2009	(reconfirmed)
ISO 14385-1:2014		ISO 11643:2009	(reconfirmed)
TC 153	Valves	ISO 11646:2014	
ISO 28921-2:2015		ISO 17228:2015	
TC 162	Doors, windows and curtain walling	ISO 17489:2013	
ISO 6442:2005	(reconfirmed)	JTC 1	Information technology
ISO 6443:2005	(reconfirmed)	ISO/IEC 24789-1:2012	(reconfirmed)
TC 164	Mechanical testing of metals	ISO/IEC 24789-2:2011	(reconfirmed)
ISO 8491:1998	(reconfirmed)	ISO/IEC TS 20071-25:2017	
ISO 8492:2013			
ISO 8493:1998	(reconfirmed)		
ISO 8494:2013			

ISO/IEC 19788-1:2011	(reconfirmed)	IEC 796-3:1990	(replaced by IEC 60796-3:1990)
ISO/IEC 19788-4:2014		IEC 821:1991	(replaced by IEC 60821:1991)
ISO/IEC 24751-1:2008	(reconfirmed)	IEC 822:1988	(replaced by IEC 60822:1988)
ISO/IEC 24751-2:2008		IEC 823:1990	(replaced by )
ISO/IEC 24751-3:2008		IEC 824:1988	(replaced by IEC 60824:1988)
ISO/IEC TR 20000-12:2016		IEC 948:1988	(replaced by IEC 60948:1988)
		IEC 60823:1990	(replaced by )
		ISO/IEC TS 20013:2015	(replaced by ISO/IEC 20013:2020)
		ISO/IEC TS 29140-1:2011	(replaced by ISO/IEC TS 29140:2020)
		ISO/IEC TS 29140-2:2011	(replaced by ISO/IEC TS 29140:2020)
		ISO/IEC 19944:2017	(replaced by ISO/IEC 19944-1:2020)

## Standards withdrawn

Period from 01 October to 01 November 2020

TC 8 IEC 62065:2002	Ships and marine technology (replaced by )
TC 46 ISO 16175-2:2011 ISO 16175-3:2010	Information and documentation (replaced by ISO/TS 16175-2:2020) (replaced by ISO/TS 16175-2:2020)
TC 84 ISO/PAS 18761:2013	Devices for administration of medicinal products and catheters (replaced by )
TC 150 IEC/TR 62653:2012	Implants for surgery (replaced by )
TC 184 ISO 10303-522:2014	Automation systems and integration (replaced by ISO 10303-113:2020)
TC 192 ISO 3977-5:2001 ISO 3977-7:2002	Gas turbines (replaced by ) (replaced by )
TC 207 ISO/TR 14062:2002	Environmental management (replaced by )
TC 210 ISO/TS 19218-1:2011 ISO/TS 19218- 1:2011/Amd 1:2013 ISO/TS 19218-2:2012	Quality management and correspond- ing general aspects for medical devices (replaced by ) (replaced by ) (replaced by )
TC 221 ISO 12958:2010	Geosynthetics (replaced by ISO 12958-1:2020, ISO 12958-2:2020)
JTC 1 ISO/IEC TR 24748-3:2011 IEC 796-1:1990 IEC 796-2:1990	Information technology (replaced by ISO/IEC/IEEE 24748-3:2020) (replaced by IEC 60796-1:1990) (replaced by IEC 60796-2:1990)

## Meeting calendar

The meeting calendar is available at

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