

Standards published

New International Standards published between 01 February and 28 February 2019

¹ delayed publication of language version

² corrected version

³ multilingual document

			Price group
TC 2		Fasteners	
ISO/TR 20491:2019	en fr	Fasteners — Fundamentals of hydrogen embrittlement in steel fasteners	D
TC 8		Ships and marine technology	
ISO 799-1:2019	en	Ships and marine technology — Pilot ladders — Part 1: Design and specification	C
ISO 19636:2019	en	Ships and marine technology — General requirements for inclinometers used for the determination of trim and list of LNG carriers	C
TC 10		Technical product documentation	
ISO 20318-1:2019	en fr	Mechanical pencils and leads for general use — Classification, dimensions, quality and test methods — Part 1: Mechanical pencils	B
ISO 21600:2019	en	Technical product documentation (TPD) — General requirements of mechanical product digital manuals	D
TC 17		Steel	
ISO 15630-1:2019	en fr	Steel for the reinforcement and prestressing of concrete — Test methods — Part 1: Reinforcing bars, rods and wire	D
ISO 15630-2:2019	en fr	Steel for the reinforcement and prestressing of concrete — Test methods — Part 2: Welded fabric and lattice girders	D
ISO 15630-3:2019	en fr	Steel for the reinforcement and prestressing of concrete — Test methods — Part 3: Prestressing steel	E
ISO 10893-6:2019	en fr	Non-destructive testing of steel tubes — Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections	C
ISO 10893-7:2019	en fr	Non-destructive testing of steel tubes — Part 7: Digital radiographic testing of the weld seam of welded steel tubes for the detection of imperfections	C

TC 20		Aircraft and space vehicles	
ISO 21494:2019	en	Space systems — Magnetic testing	E
ISO 27875:2019	en	Space systems — Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages	D
TC 21		Equipment for fire protection and fire fighting	
ISO 6182-4:2019	en	Fire protection — Automatic sprinkler systems — Part 4: Requirements and test methods for quick opening devices	B
ISO 6182-14:2019	en	Fire protection — Automatic nozzle systems — Part 14: Requirements and test methods for water spray nozzles	B
TC 22		Road vehicles	
ISO 20078-1:2019	en	Road vehicles — Extended vehicle (ExVe) web services — Part 1: Content	C
ISO 20078-2:2019	en	Road vehicles — Extended vehicle (ExVe) web services — Part 2: Access	D
ISO 8820-6:2019	en	Road vehicles — Fuse-links — Part 6: Single-bolt fuse-links	B
ISO 22241-1:2019	en	Diesel engines — NOx reduction agent AUS 32 — Part 1: Quality requirements	A
ISO 22241-2:2019	en	Diesel engines — NOx reduction agent AUS 32 — Part 2: Test methods	F
TC 23		Tractors and machinery for agriculture and forestry	
ISO 789-6:2019	en	Agricultural tractors — Test procedures — Part 6: Centre of gravity	D
ISO 10517:2019	en fr	Powered hand-held hedge trimmers — Safety	E
TC 28		Petroleum and related products, fuels and lubricants from natural or synthetic sources	
ISO 12917-1:2017	fr ¹	Petroleum and liquid petroleum products — Calibration of horizontal cylindrical tanks — Part 1: Manual methods	F
TC 29		Small tools	
ISO/TS 13399-303:2016	fr ¹	Cutting tool data representation and exchange — Part 303: Creation and exchange of 3D models — Solid end mills	E
TC 30		Measurement of fluid flow in closed conduits	
ISO 5167-6:2019	en	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 6: Wedge meters	C

TC 34		Food products	
ISO 7971-2:2019	en fr	Cereals — Determination of bulk density, called mass per hectolitre — Part 2: Method of traceability for measuring instruments through reference to the international standard instrument	D
ISO 7971-3:2019	en fr	Cereals — Determination of bulk density, called mass per hectolitre — Part 3: Routine method	C
ISO 22117:2019	en fr	Microbiology of the food chain — Specific requirements and guidance for proficiency testing by interlaboratory comparison	E
ISO 20613:2019	en fr	Sensory analysis — General guidance for the application of sensory analysis in quality control	B
TC 35		Paints and varnishes	
ISO 21546:2019	en	Paints and varnishes — Determination of the resistance to rubbing using a linear abrasion tester (crockmeter)	C
TC 38		Textiles	
ISO 1833-12:2019	en fr	Textiles — Quantitative chemical analysis — Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastane fibres with certain other fibres (method using dimethylformamide)	A
ISO 21084:2019	en fr	Textiles — Method for determination of alkylphenols (AP)	B
TC 42		Photography	
ISO 12232:2019	en	Photography — Digital still cameras — Determination of exposure index, ISO speed ratings, standard output sensitivity, and recommended exposure index	D
TC 43		Acoustics	
ISO 3740:2019	en fr	Acoustics — Determination of sound power levels of noise sources — Guidelines for the use of basic standards	E
ISO 4869-6:2019	en fr	Acoustics — Hearing protectors — Part 6: Determination of sound attenuation of active noise reduction earmuffs	B
ISO 13473-1:2019	en	Characterization of pavement texture by use of surface profiles — Part 1: Determination of mean profile depth	F
TC 44		Welding and allied processes	
ISO 5178:2019	fr ¹	Destructive tests on welds in metallic materials — Longitudinal tensile test on weld metal in fusion welded joints	A
ISO 13588:2019	en fr	Non-destructive testing of welds — Ultrasonic testing — Use of automated phased array technology	D
ISO 17677-1:2019	en, fr ³	Resistance welding — Vocabulary — Part 1: Spot, projection and seam welding	A
ISO 14731:2019	en fr	Welding coordination — Tasks and responsibilities	B

TC 45		Rubber and rubber products	
ISO 19385:2017/Amd 1:2019	en fr	Rubber and plastics hoses and hose assemblies, wire- or textile-reinforced, for water jetting or water blasting applications — Specification — Amendment 1	XZ
TC 46		Information and documentation	
ISO 3901:2019	en fr	Information and documentation — International Standard Recording Code (ISRC)	B
TC 59		Buildings and civil engineering works	
ISO 19650-1:2018	fr ¹	Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) — Information management using building information modelling — Part 1: Concepts and principles	E
ISO 19650-2:2018	fr ¹	Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) — Information management using building information modelling — Part 2: Delivery phase of the assets	D
TC 61		Plastics	
ISO 1183-1:2019	en fr	Plastics — Methods for determining the density of non-cellular plastics — Part 1: Immersion method, liquid pycnometer method and titration method	B
ISO 1183-2:2019	en fr	Plastics — Methods for determining the density of non-cellular plastics — Part 2: Density gradient column method	B
ISO 3451-1:2019	en fr	Plastics — Determination of ash — Part 1: General methods	B
ISO 11359-3:2019	en	Plastics — Thermomechanical analysis (TMA) — Part 3: Determination of penetration temperature	A
ISO 846:2019	en fr	Plastics — Evaluation of the action of microorganisms	D
ISO 19062-2:2019	en fr	Plastics — Acrylonitrile-butadiene-styrene (ABS) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties	B
ISO 19065-2:2019	en fr	Plastics — Acrylonitrile-styrene-acrylate (ASA), acrylonitrile-(ethylene-propylene-diene)-styrene (AEPDS) and acrylonitrile-(chlorinated polyethylene)-styrene (ACS) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties	B
ISO 21305-1:2019	en fr	Plastics — Polycarbonate (PC) moulding and extrusion materials — Part 1: Designation system and basis for specification	A
ISO 21305-2:2019	en fr	Plastics — Polycarbonate (PC) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties	B
ISO 21309-1:2019	en fr	Plastics — Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials — Part 1: Designation system and basis for specifications	B
ISO 21309-2:2019	en fr	Plastics — Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties	C
TC 67		Materials, equipment and offshore structures for petroleum, petrochemical	

		and natural gas industries	
ISO 17782:2018	fr ¹	Petroleum, petrochemical and natural gas industries — Scheme for conformity assessment of manufacturers of special materials	G
ISO 20815:2018	fr ¹	Petroleum, petrochemical and natural gas industries — Production assurance and reliability management	H
ISO 20088-3:2018	fr ¹	Determination of the resistance to cryogenic spillage of insulation materials — Part 3: Jet release	D
TC 69		Applications of statistical methods	
ISO 11843-6:2019	en	Capability of detection — Part 6: Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations	D
TC 70		Internal combustion engines	
ISO 8178-3:2019	fr ¹	Reciprocating internal combustion engines — Exhaust emission measurement — Part 3: Test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using a filter type smoke meter	B
TC 76		Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use	
ISO 11040-3:2012	fr ¹	Prefilled syringes — Part 3: Seals for dental local anaesthetic cartridges	A
ISO 11040-5:2012	fr ¹	Prefilled syringes — Part 5: Plunger stoppers for injectables	A
TC 79		Light metals and their alloys	
ISO 18771:2019	en	Anodizing of aluminium and its alloys — Method to test the surface abrasion resistance using glass-coated abrasive paper	B
TC 85		Nuclear energy, nuclear technologies, and radiological protection	
ISO 11929-1:2019	en	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 1: Elementary applications	F
ISO 11929-2:2019	en	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 2: Advanced applications	F
ISO 11929-3:2019	en	Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation — Fundamentals and application — Part 3: Applications to unfolding methods	F
ISO 9161:2019	en fr	Uranium dioxide powder — Determination of apparent density and tap density	B
ISO 18195:2019	en fr	Method for the justification of fire partitioning in water cooled nuclear power plants (NPP)	G
TC 92		Fire safety	
ISO/TS 19677:2019	en	Guidelines for assessing the adverse impact of wildland fires on the environment and to people through environmental exposure	D

ISO 24679-1:2019	en fr	Fire safety engineering — Performance of structures in fire — Part 1: General	E
TC 107		Metallic and other inorganic coatings	
ISO 2063-1:2019	en fr	Thermal spraying — Zinc, aluminium and their alloys — Part 1: Design considerations and quality requirements for corrosion protection systems	E
TC 108		Mechanical vibration, shock and condition monitoring	
ISO/TR 19664:2017	fr ¹	Human response to vibration — Guidance and terminology for instrumentation and equipment for the assessment of daily vibration exposure at the workplace according to the requirements of health and safety	B
ISO 21940-1:2019	en	Mechanical vibration — Rotor balancing — Part 1: Introduction	E
TC 115		Pumps	
ISO/TR 19688:2019	fr ¹	Rotodynamic pumps — Hydraulic performance acceptance test using a model pump	F
TC 118		Compressors and pneumatic tools, machines and equipment	
ISO 8573-4:2019	en fr	Compressed air — Contaminant measurement — Part 4: Particle content	D
TC 123		Plain bearings	
ISO 4384-1:2019	en	Plain bearings — Hardness testing of bearing metals — Part 1: Multilayer bearings materials	A
TC 130		Graphic technology	
ISO/TS 15311-1:2019	en	Graphic technology — Print quality requirements for printed matter — Part 1: Measurement methods and reporting schema	E
ISO 20677:2019	en	Image technology colour management — Extensions to architecture, profile format and data structure	H
TC 131		Fluid power systems	
ISO 19973-2:2015/Amd 1:2019	en	Pneumatic fluid power — Assessment of component reliability by testing — Part 2: Directional control valves — Amendment 1	XZ
TC 136		Furniture	
ISO 7171:2019	en	Furniture — Storage units — Test methods for the determination of stability	D
TC 138		Plastics pipes, fittings and valves for the transport of fluids	
ISO 6964:2019	en	Polyolefin pipes and fittings — Determination of carbon black content by calcination and pyrolysis — Test method	B
ISO 10146:2019	en	Crosslinked polyethylene (PE-X) and crosslinked medium density polyethylene (PE-MDX) — Effect of time and temperature on expected strength	B
TC 142		Cleaning equipment for air and other gases	

ISO 29463-2:2011	fr ¹	High-efficiency filters and filter media for removing particles in air — Part 2: Aerosol production, measuring equipment and particle-counting statistics	D
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ISO 7010:2011/Amd 9:2018	fr ¹	Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 9	XZ
TC 146		Air quality	
ISO 19926-1:2019	en fr	Meteorology — Weather radar — Part 1: System performance and operation	H
TC 147		Water quality	
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ISO 10704:2019	en fr	Water quality — Gross alpha and gross beta activity — Test method using thin source deposit	D
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ISO 5832-12:2019	en fr	Implants for surgery — Metallic materials — Part 12: Wrought cobalt-chromium-molybdenum alloy	A
ISO 5832-14:2019	en	Implants for surgery — Metallic materials — Part 14: Wrought titanium 15-molybdenum 5-zirconium 3-aluminium alloy	A
ISO 5834-1:2019	en fr	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 1: Powder form	A
ISO 5834-2:2019	en fr	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 2: Moulded forms	A
ISO 5834-3:2019	en fr	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 3: Accelerated ageing methods	A
ISO 5834-4:2019	en fr	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 4: Oxidation index measurement method	B
ISO 5834-5:2019	en fr	Implants for surgery — Ultra-high-molecular-weight polyethylene — Part 5: Morphology assessment method	A
ISO 23500-1:2019	en fr	Preparation and quality management of fluids for haemodialysis and related therapies — Part 1: General requirements	H
ISO 23500-2:2019	en fr	Preparation and quality management of fluids for haemodialysis and related therapies — Part 2: Water treatment equipment for haemodialysis applications and related therapies	E
ISO 23500-3:2019	en fr	Preparation and quality management of fluids for haemodialysis and related therapies — Part 3: Water for haemodialysis and related therapies	D

ISO 23500-4:2019	en fr	Preparation and quality management of fluids for haemodialysis and related therapies — Part 4: Concentrates for haemodialysis and related therapies	D
ISO 23500-5:2019	en fr	Preparation and quality management of fluids for haemodialysis and related therapies — Part 5: Quality of dialysis fluid for haemodialysis and related therapies	C
TC 154		Processes, data elements and documents in commerce, industry and administration	
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ISO 8601-2:2019	en	Date and time — Representations for information interchange — Part 2: Extensions	G
TC 159		Ergonomics	
ISO 27501:2019	en fr	The human-centred organization — Guidance for managers	E
TC 165		Timber structures	
ISO 16696-1:2019	en	Timber structures — Cross laminated timber — Part 1: Component performance, production requirements and certification scheme	D
TC 172		Optics and photonics	
ISO 13666:2019	en fr	Ophthalmic optics — Spectacle lenses — Vocabulary	A
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ISO 10087:2019	en fr	Small craft — Craft identification — Coding system	A
TC 189		Ceramic tile	
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TC 190		Soil quality	
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ISO 23753-1:2019	en fr	Soil quality — Determination of dehydrogenases activity in soils — Part 1: Method using triphenyltetrazolium chloride (TTC)	B
ISO 23753-2:2019	en fr	Soil quality — Determination of dehydrogenases activity in soils — Part 2: Method using iodotetrazolium chloride (INT)	B
TC 194		Biological and clinical evaluation of medical devices	
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TC 204		Intelligent transport systems	
ISO 17262:2012/Amd 1:2019	en fr	Intelligent transport systems — Automatic vehicle and equipment identification — Numbering and data structures — Amendment 1	XZ
ISO 17264:2009/Amd 1:2019	en	Intelligent transport systems — Automatic vehicle and equipment identification — Interfaces — Amendment 1	XZ
ISO/TR 24097-3:2019	en	Intelligent transport systems — Using web services (machine-machine delivery) for ITS service delivery — Part 3: Quality of service	F
ISO 24534-4:2010/Amd 1:2019	en fr	Automatic vehicle and equipment identification — Electronic registration identification (ERI) for vehicles — Part 4: Secure communications using asymmetrical techniques — Amendment 1	XZ
ISO 24534-5:2011/Amd 1:2019	en	Intelligent transport systems — Automatic vehicle and equipment identification — Electronic Registration Identification (ERI) for vehicles — Part 5: Secure communications using symmetrical techniques — Amendment 1	XZ
TC 206		Fine ceramics	
ISO 21813:2019	en	Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of high purity barium titanate powders	D
TC 207		Environmental management	
ISO 14033:2019	en	Environmental management — Quantitative environmental information — Guidelines and examples	G
TC 210		Quality management and corresponding general aspects for medical devices	
ISO 80369-1:2018	fr ¹	Small-bore connectors for liquids and gases in healthcare applications — Part 1: General requirements	E
ISO 80369-3:2016/Amd 1:2019	en fr	Small-bore connectors for liquids and gases in healthcare applications — Part 3: Connectors for enteral applications — Amendment 1	XZ
TC 211		Geographic information/Geomatics	
ISO 19112:2019	en fr	Geographic information — Spatial referencing by geographic identifiers	D
ISO 19127:2019	en	Geographic information — Geodetic register	F
ISO/TS 19139-1:2019	en	Geographic information — XML schema implementation — Part 1: Encoding rules	F
TC 212		Clinical laboratory testing and in vitro diagnostic test systems	
ISO 20186-1:2019	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for venous whole blood — Part 1: Isolated cellular RNA	D
ISO 20186-2:2019	en fr	Molecular in vitro diagnostic examinations — Specifications for pre-examination processes for venous whole blood — Part 2: Isolated genomic DNA	D

TC 221		Geosynthetics	
ISO 10320:2019	en	Geosynthetics — Identification on site	A
TC 224		Service activities relating to drinking water supply, wastewater and stormwater systems	
ISO/TS 24522:2019	en	Event detection process: Guidelines for water and wastewater utilities	G
ISO/TR 24524:2019	en	Service activities relating to drinking water supply, wastewater and stormwater systems — Hydraulic, mechanical and environmental conditions in wastewater transport systems	B
TC 225		Market, opinion and social research	
ISO 20252:2019	en	Market, opinion and social research, including insights and data analytics — Vocabulary and service requirements	G
TC 249		Traditional Chinese medicine	
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ISO 21314:2019	en	Traditional Chinese medicine — <i>Salvia miltiorrhiza</i> root and rhizome	C
ISO 21316:2019	en	Traditional Chinese medicine — <i>Isatis indigotica</i> root	C
ISO 21317:2019	en	Traditional Chinese medicine — <i>Lonicera japonica</i> flower	C
ISO 21370:2019	en	Traditional Chinese medicine — <i>Dendrobium officinale</i> stem	C
TC 256		Pigments, dyestuffs and extenders	
ISO 473:2019	en	Lithopone pigments — General requirements and methods of testing	B
ISO 787-9:2019	en fr	General methods of test for pigments and extenders — Part 9: Determination of pH value of an aqueous suspension	A
ISO 787-14:2019	en fr	General methods of test for pigments and extenders — Part 14: Determination of resistivity of aqueous extract	A
ISO 787-25:2019	en fr	General methods of test for pigments and extenders — Part 25: Comparison of the colour, in full-shade systems, of white, black and coloured pigments — Colorimetric method	B
ISO 21683:2019	en	Pigments and extenders — Determination of experimentally simulated nano-object release from paints, varnishes and pigmented plastics	D
TC 274		Light and lighting	
ISO/CIE TS	en	Light and lighting — Maintenance factor determination — Way of working	

22012:2019			E
TC 279		Innovation management	
ISO 56003:2019	en fr	Innovation management — Tools and methods for innovation partnership — Guidance	D
ISO/TR 56004:2019	en	Innovation Management Assessment — Guidance	E
TC 301		Energy management and energy savings	
ISO 50021:2019	en	Energy management and energy savings — General guidelines for selecting energy savings evaluators	C
ISO 50046:2019	en fr	General methods for predicting energy savings	G
TMBG		Technical Management Board - groups	
IWA 29:2019	en	Professional farmer organization — Guidelines	C
IULTCS		International Union of Leather Technologists and Chemists Societies	
ISO 17072-1:2019	en fr	Leather — Chemical determination of metal content — Part 1: Extractable metals	B
ISO 17072-2:2019	en fr	Leather — Chemical determination of metal content — Part 2: Total metal content	B
CASCO		Committee on conformity assessment	
ISO/IEC TS 17021-8:2019	fr ¹	Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 8: Competence requirements for auditing and certification of management systems for sustainable development in communities	B
JTC 1		Information technology	
ISO/IEC/IEEE 8802-3:2017/Amd 10:2019	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 10: Media access control parameters, physical layers, and management parameters for 200 Gb/s and 400 Gb/s operation	H
ISO/IEC/IEEE 8802-3:2017/Amd 11:2019	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 3: Standard for Ethernet — Amendment 11: Physical layer and management parameters for serial 25 Gb/s ethernet operation over single-mode fiber	F
ISO/IEC/IEEE 8802-A:2015/Amd 2:2019	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Part A: Overview and architecture — Amendment 2: Local medium access control (MAC) address usage	D
ISO/IEC/IEEE 8802-11:2018/Amd 1:2019	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications — Amendment 1: Fast initial link setup	H
ISO/IEC/IEEE 8802-1Q:2016/Amd 6:2019	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 1Q: Bridges and bridged networks — Amendment 6: Per-stream filtering and policing	G
ISO/IEC/IEEE	en	Information technology — Telecommunications and information exchange between sys-	

8802-1Q:2016/Amd 7:2019		tems — Local and metropolitan area networks — Specific requirements — Part 1Q: Bridges and bridged networks — Amendment 7: Cyclic queuing and forwarding	E
ISO/IEC/IEEE 8802-1CB:2019	en	Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Specific requirements — Part 1CB: Frame replicaton and elimination for reliability	H
ISO/IEC/IEEE 24748-7:2019	en	Systems and software engineering — Life cycle management — Part 7: Application of systems engineering on defense programs	G
ISO/IEC/IEEE 24748-8:2019	en	Systems and software engineering — Life cycle management — Part 8: Technical reviews and audits on defense programs	H
ISO/IEC/IEEE 41062:2019	en	Software engineering — Recommended practice for software acquisition	G
ISO/IEC 18039:2019	en	Information technology — Computer graphics, image processing and environmental data representation — Mixed and augmented reality (MAR) reference model	G
ISO/IEC 30129:2015/Amd 1:2019	en	Information technology — Telecommunications bonding networks for buildings and other structures — Amendment 1	A
ISO/IEC 14496-33:2019	en	Information technology — Coding of audio-visual objects — Part 33: Internet video coding	H
ISO/IEC 23005-5:2019	en	Information technology — Media context and control — Part 5: Data formats for interaction devices	H
ISO/IEC 23008-3:2019	en	Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 3: 3D audio	H
ISO/IEC 15434:2019	en	Information technology — Automatic identification and data capture techniques — Syntax for high-capacity ADC media	C
ISO/IEC 15961-3:2019	en	Information technology — Data protocol for radio frequency identification (RFID) for item management — Part 3: RFID data constructs	C
ISO/IEC 19794-4:2005	en ²	Information technology — Biometric data interchange formats — Part 4: Finger image data	D
ISO/IEC 21823-1:2019	en	Internet of things (IoT) — Interoperability for internet of things systems — Part 1: Framework	D
ISO/IEC 20546:2019	en	Information technology — Big data — Overview and vocabulary	B

Standards confirmed

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

TC 4	Rolling bearings
ISO 15241:2012	
TC 17	Steel
ISO 14655:1999	
TC 20	Aircraft and space vehicles
ISO 27996:2009	
ISO 14624-5:2006	(reconfirmed)
ISO 14624-6:2006	(reconfirmed)
ISO 14624-7:2006	(reconfirmed)
TC 28	Petroleum and related products, fuels and lubricants from natural or synthetic sources
ISO 4261:2013	
ISO 9162:2013	
TC 29	Small tools
ISO 6106:2013	
ISO 21537-1:2004	(reconfirmed)
ISO 21537-2:2004	(reconfirmed)
ISO 2924:1973	
ISO 2935:1974	
ISO 3295:1975	
ISO 3438:2013	
ISO 4248:1978	
ISO 5396:1977	
ISO 5407:1981	
ISO 5414-2:2002	
ISO 5421:1977	
ISO 12164-1:2001	(reconfirmed)
TC 33	Refractories

ISO 16334:2013	
TC 34	Food products
ISO 6079:1990	(reconfirmed)
ISO 11286:2004	(reconfirmed)
ISO 6800:1997	(reconfirmed)
TC 38	Textiles
ISO 13015:2013	
TC 44	Welding and allied processes
ISO 15618-2:2001	(reconfirmed)
TC 58	Gas cylinders
ISO 11439:2013	
TC 61	Plastics
ISO 4587:2003	(reconfirmed)
ISO 9142:2003	(reconfirmed)
ISO 9653:1998	(reconfirmed)
ISO 9664:1993	(reconfirmed)
ISO 9665:1998	(reconfirmed)
ISO 10964:1993	(reconfirmed)
ISO 11833-2:1998	(reconfirmed)
ISO 13445:2003	(reconfirmed)
ISO 13894-2:2005	(reconfirmed)
ISO 14632:1998	(reconfirmed)
ISO 14678:2005	(reconfirmed)
ISO 15105-2:2003	(reconfirmed)
ISO 15106-3:2003	(reconfirmed)
ISO 15107:1998	(reconfirmed)
ISO 15108:1998	(reconfirmed)
ISO 15109:1998	(reconfirmed)
ISO 15166-1:1998	(reconfirmed)
ISO 15987:2003	(reconfirmed)
ISO 17555:2003	(reconfirmed)
ISO 1268-8:2004	(reconfirmed)
ISO 1268-9:2003	(reconfirmed)
ISO 1268-10:2005	(reconfirmed)
ISO 1268-11:2005	(reconfirmed)
ISO 4603:1993	(reconfirmed)
ISO 4899:1993	(reconfirmed)
ISO 9163:2005	(reconfirmed)

ISO 9782:1993	(reconfirmed)
ISO 10371:1993	(reconfirmed)
ISO 13931:2013	
ISO 17771:2003	(reconfirmed)
TC 85	Nuclear energy, nuclear technologies, and radiological protection
ISO/TS 18090-1:2015	
TC 93	Starch (including derivatives and by-products)
ISO 5378:1978	(reconfirmed)
TC 96	Cranes
ISO 11662-1:1995	(reconfirmed)
TC 98	Bases for design of structures
ISO 9194:1987	(reconfirmed)
TC 104	Freight containers
ISO 6346:1995	
TC 121	Anaesthetic and respiratory equipment
ISO 16571:2014	
TC 131	Fluid power systems
ISO 3939:1977	(reconfirmed)
TC 150	Implants for surgery
ISO 16429:2004	(reconfirmed)
TC 163	Thermal performance and energy use in the built environment
ISO 18096:2013	
ISO 18097:2013	
TC 165	Timber structures
ISO 16507:2013	
TC 176	Quality management and quality assurance
ISO 10008:2013	
TC 204	Intelligent transport systems
ISO 24100:2010	
ISO 24531:2013	
TC 205	Building environment design
ISO 16818:2008	
TC 210	Quality management and corresponding general aspects for medical devices
ISO/TS 19218-1:2011	(reconfirmed)
ISO/TS 19218-2:2012	(reconfirmed)
TC 219	Floor coverings

ISO 10361:2015	
JTC 1	Information technology
ISO/IEC 23917:2005	
ISO/IEC 24786:2009	
ISO/IEC 19788-5:2012	
ISO/IEC 19784-2:2007	(reconfirmed)
ISO/IEC 19795-2:2007	(reconfirmed)
ISO/IEC 24709-2:2007	(reconfirmed)

Standards withdrawn

Period from 01 February to 28 February 2019

TC 5	Ferrous metal pipes and metallic fittings
ISO 2937:1974	(replaced by)
TC 8	Ships and marine technology
ISO 799:2004	(replaced by ISO 799-1:2019)
TC 22	Road vehicles
ISO 16844-5:2004	(replaced by)
TC 29	Small tools
ISO 6108:1978	(replaced by)
TC 34	Food products
ISO/TS 22117:2010	(replaced by ISO 22117:2019)
TC 61	Plastics
ISO 2580-2:2003	(replaced by ISO 19062-2:2019)
ISO 6402-2:2003	(replaced by ISO 19065-2:2019)
ISO 7391-1:2006	(replaced by ISO 21305-1:2019)
ISO 7391-2:2006	(replaced by ISO 21305-2:2019)
ISO 14663-1:1999	(replaced by ISO 21309-1:2019)
ISO 14663-2:1999	(replaced by ISO 21309-2:2019)
TC 72	Textile machinery and accessories
ISO 572:1976	(replaced by)
TC 85	Nuclear energy, nuclear technologies, and radiological protection

ISO 11929:2010	(replaced by ISO 11929-1:2019, ISO 11929-2:2019, ISO 11929-3:2019)
TC 92	Fire safety
ISO/TS 24679:2011	(replaced by ISO 24679-1:2019)
TC 108	Mechanical vibration, shock and condition monitoring
ISO 19499:2007	(replaced by ISO 21940-1:2019)
TC 150	Implants for surgery
ISO 11663:2014	(replaced by ISO 23500-5:2019)
ISO 13958:2014	(replaced by ISO 23500-4:2019)
ISO 13959:2014	(replaced by ISO 23500-3:2019)
ISO 23500:2014	(replaced by ISO 23500-1:2019)
ISO 26722:2014	(replaced by ISO 23500-2:2019)
TC 154	Processes, data elements and documents in commerce, industry and administration
ISO 8601:2004	(replaced by ISO 8601-1:2019, ISO 8601-2:2019)
TC 207	Environmental management
ISO/TS 14033:2012	(replaced by ISO 14033:2019)
TC 211	Geographic information/Geomatics
ISO/TS 19127:2005	(replaced by ISO 19127:2019)
ISO/TS 19139:2007	(replaced by ISO/TS 19139-1:2019)
TC 225	Market, opinion and social research
ISO 26362:2009	(replaced by ISO 20252:2019)
TC 226	Materials for the production of primary aluminium
ISO 5930:1979	(replaced by)
JTC 1	Information technology
ISO/IEC TS 18822:2015	(replaced by)
ISO 8378-1:1986	(replaced by)

Meeting calendar

The meeting calendar is available at

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