

Library News

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ISO Standards Published in December 2024

NEW ISO Standards

List of ISO standards and other deliverables published between 2024-12-02 and 2024-12-08

Reference	Committee	Title
ISO/TR 22824:2024	IIW	Welding — Best practices for specification and measurement of ferrite in stainless steel weld metal
ISO/IEC 15045-3-1:2024	ISO/IEC JTC 1/SC 25	Information technology — Home Electronic System (HES) gateway — Part 3-1: Privacy, security, and safety — Introduction
ISO/IEC 20008-3:2024	ISO/IEC JTC 1/SC 27	Information security — Anonymous digital signatures — Part 3: Mechanisms using multiple public keys
ISO/IEC 27035-4:2024	ISO/IEC JTC 1/SC 27	Information technology — Information security incident management — Part 4: Coordination
ISO/IEC TS 22604:2024	ISO/IEC JTC 1/SC 37	Information technology — Biometric recognition of subjects in motion in access-related systems
ISO/IEC TR 24722:2024	ISO/IEC JTC 1/SC 37	Information technology — Biometrics — Multimodal and other multibiometric fusion
ISO/IEC TS 7339:2024	ISO/IEC JTC 1/SC 38	Information technology — Cloud computing — Overview of platform capabilities type and platform as a service
ISO/IEC 30181:2024	ISO/IEC JTC 1/SC 41	Internet of Things (IoT) — Functional architecture for resource identifier interoperability
ISO/IEC 30194:2024	ISO/IEC JTC 1/SC 41	Internet of things (IoT) and digital twin — Best practices for use case projects
ISO 28005-3:2024	ISO/TC 8/SC 11	Ships and marine technology — Electronic port clearance (EPC) — Part 3: Data elements for ship and port operation
ISO 4937:2024	ISO/TC 17/SC 1	Steel and iron — Determination of chromium content — Potentiometric or visual titration method
ISO 8353:2024	ISO/TC 17/SC 12	Steel sheet, zinc-aluminium-magnesium alloy-coated by the continuous hot-dip process, of commercial, drawing and structural qualities
ISO 6934-2:2024	ISO/TC 17/SC 16	Steel for the prestressing of concrete — Part 2: Cold-drawn wire
ISO 16126:2024	ISO/TC 20/SC 14	Space systems — Survivability of unmanned spacecraft against space debris and meteoroid impacts for the purpose of space debris mitigation
ISO 5674:2024	ISO/TC 23/SC 2	Tractors and machinery for agriculture and forestry — Guards for power take-off (PTO) drive-shafts — Strength and wear tests and acceptance criteria
ISO/TS 23877-2:2024	ISO/TC 28	Petroleum and related products from natural or synthetic sources — Determination of pour point — Part 2: Automated linear cooling method
ISO 1628-1:2024	ISO/TC 61/SC 5	Plastics — Determination of the viscosity of polymers in dilute solution using capillary viscometers — Part 1: General principles

ISO 4892-4:2024	ISO/TC 61/SC 6	Plastics — Methods of exposure to laboratory light sources — Part 4: Open-flame carbon-arc lamps
ISO 15373:2024	ISO/TC 61/SC 9	Plastics — Polymer dispersions — Determination of free formaldehyde
ISO 19069-2:2024	ISO/TC 61/SC 9	Plastics — Polypropylene (PP) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties
ISO 29862:2024	ISO/TC 61/SC 11	Self adhesive tapes — Determination of peel adhesion properties
ISO 16623:2024	ISO/TC 61/SC 14	Plastics — Marine biodegradation testing — Preparation of optimized intertidal seawater and sediment
ISO 13503-2:2024	ISO/TC 67/SC 3	Oil and gas industries including lower carbon energy — Completion fluids and materials — Part 2: Measurement of properties of proppants used in hydraulic fracturing and gravel-packing operations
ISO 19044:2024	ISO/TC 71/SC 6	Test methods for fibre-reinforced cementitious composites — Load-displacement curve using notched specimen
ISO 23515:2022/Amd 1:2024	ISO/TC 79/SC 11	Titanium and titanium alloys — Designation system — Amendment 1
ISO 11608-4:2022	ISO/TC 84	Needle-based injection systems for medical use — Requirements and test methods — Part 4: Needle-based injection systems containing electronics
ISO 23908:2024	ISO/TC 84	Sharps injury protection — Sharps protection mechanisms for single-use needles, introducers for catheters and needles used for blood testing, monitoring, sampling and medical substance administration — Requirements and test methods
ISO 23100:2024	ISO/TC 107/SC 9	Decorative physical vapor deposition (PVD) coatings on kitchen and sanitary ware fittings — Specification and test methods
ISO 4385:2024	ISO/TC 123/SC 2	Plain bearings — Compression testing of bearing materials
ISO 4702:2024	ISO/TC 147/SC 3	Water quality — Zirconium 93 — Test method using ICP-MS
ISO 4721:2024	ISO/TC 147/SC 3	Water quality — Strontium 90 — Test method using ICP-MS
ISO 4722-2:2024	ISO/TC 147/SC 3	Water quality — Thorium 232 — Part 2: Test method using ICP-MS
ISO 13165-3:2024	ISO/TC 147/SC 3	Water quality — Radium-226 — Part 3: Test method using coprecipitation and gamma-ray spectrometry
ISO 14607:2024	ISO/TC 150	Non-active surgical implants — Mammary implants — Specific requirements
ISO 20197-1:2024	ISO/TC 154	Buy-Ship-Pay reference data model — Part 1: Business requirements specification (BRS)
ISO 16784-1:2024	ISO/TC 156	Corrosion of metals and alloys — Corrosion and fouling in industrial cooling water systems — Part 1: Guidelines and requirements for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems
ISO 16784-2:2024	ISO/TC 156	Corrosion of metals and alloys — Corrosion and fouling in industrial cooling water systems — Part 2: Evaluation of the performance of cooling water treatment programmes using a pilot-scale test rig
ISO 22675:2024	ISO/TC 168	Prosthetics — Testing of ankle-foot devices and foot units — Requirements and test methods
ISO 15004-2:2024	ISO/TC 172/SC 7	Ophthalmic instruments — Fundamental requirements and test methods — Part 2: Light hazard protection
ISO 8000-210:2024	ISO/TC 184/SC 4	Data quality — Part 210: Sensor data: Data quality characteristics
ISO 15926-6:2024	ISO/TC 184/SC 4	Industrial automation systems and integration — Integration of life-cycle data for process plants including oil and gas production facilities — Part 6: Rules for the development and validation of reference data of ISO/TS 15926-4
ISO/TR 6029-1:2024	ISO/TC 204	Intelligent transport systems — Seamless positioning for multimodal transportation in ITS stations — Part 1: General information and use case definition

ISO 16484-6:2024	ISO/TC 205	Building automation and control systems (BACS) — Part 6: Data communication conformance testing
ISO 14199:2024	ISO/TC 215	Health informatics — Information models — Biomedical Research Integrated Domain Group (BRIDG) Model
ISO/TS 17117-3:2024	ISO/TC 215	Health informatics — Terminological resources — Part 3: Terminology implementation maturity model (TIMM)
ISO/TS 23889:2024	ISO/TC 216	Footwear — Performance requirements for components for footwear — Heels and top pieces
ISO 20251:2024	ISO/TC 219	Textile floor coverings — Water impermeability test
ISO 12957-2:2024	ISO/TC 221	Geosynthetics — Determination of friction characteristics — Part 2: Inclined plane test
ISO 8284:2024	ISO/TC 249	Traditional Chinese medicine — Simplified accelerated stress simulation methods
ISO 19025:2024	ISO/TC 249	Traditional Chinese medicine — <i>Glycyrrhiza uralensis</i> , <i>Glycyrrhiza inflata</i> , and <i>Glycyrrhiza glabra</i> root and rhizome
ISO 18162:2024	ISO/TC 276	Biotechnology — Biobanking — Requirements for human neural stem cells derived from pluripotent stem cells
ISO 31512:2024	ISO/TC 315	Cold chain logistics services in the business to business (B to B) sector — Requirements and guidelines for storage and transport
ISO 17234-1:2024	IULTCS	Leather — Chemical tests for the determination of certain azo colourants in dyed leathers — Part 1: Determination of certain aromatic amines derived from azo colourants

List of ISO standards and other deliverables published between 2024-12-09 and 2024-12-15

Reference	Committee	Title
ISO/IEC/IEEE 8802-15-9:2024	ISO/IEC JTC 1/SC 6	Telecommunications and information exchange between systems — Local and metropolitan area networks specific requirements — Part 15-9: Transport of Key Management Protocol (KMP) Datagrams
ISO/IEC 18042-5:2024	ISO/IEC JTC 1/SC 24	Computer graphics, image processing and environmental data representation — Spatial reference model (SRM) language bindings — Part 5: C++
ISO/IEC 15045-4-1:2024	ISO/IEC JTC 1/SC 25	Information technology — Home Electronic System (HES) gateway — Part 4-1: Structure — Structural class and module requirements
ISO/IEC 15045-4-2:2024	ISO/IEC JTC 1/SC 25	Information technology — Home Electronic System (HES) gateway — Part 4-2: Structure — Simple gateway
ISO/IEC 27013:2021/Amd 1:2024	ISO/IEC JTC 1/SC 27	Information security, cybersecurity and privacy protection — Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 — Amendment 1
ISO/IEC 27562:2024	ISO/IEC JTC 1/SC 27	Information technology — Security techniques — Privacy guidelines for fintech services
ISO/IEC 19566-10:2024	ISO/IEC JTC 1/SC 29	Information technology — JPEG Systems — Part 10: Reference software
ISO/IEC 23090-7:2022/Amd 1:2024	ISO/IEC JTC 1/SC 29	Information technology — Coded representation of immersive media — Part 7: Immersive media metadata — Amendment 1: Common metadata for immersive media
ISO/IEC 23094-4:2022/Amd 1:2024	ISO/IEC JTC 1/SC 29	Information technology — General video coding — Part 4: Conformance and reference software for essential video coding — Amendment 1: Green metadata supplemental enhancement information
ISO/IEC 30184:2024	ISO/IEC JTC 1/SC 41	Internet of Things (IoT) — Autonomous IoT object identification in connected home — Requirements and framework

ISO 28005-1:2024	ISO/TC 8/SC 11	Ships and marine technology — Electronic port clearance (EPC) — Part 1: Message structures and application programming interfaces
IEC 81355-1:2024	ISO/TC 10	Industrial systems, installations and equipment and industrial products — Classification and designation of information — Part 1: Basic rules and classification of information
ISO/PAS 8800:2024	ISO/TC 22/SC 32	Road vehicles — Safety and artificial intelligence
ISO/SAE 12906:2024	ISO/TC 22/SC 37	Road vehicles — Test procedures for electric vehicles to determine charging performance
ISO 11784:2024	ISO/TC 23/SC 19	Radio frequency identification of animals — Code structure
ISO 251:2024	ISO/TC 41/SC 3	Conveyor belts with textile carcass — Widths and lengths
ISO 16254:2024	ISO/TC 43/SC 1	Acoustics — Measurement of sound emitted by road vehicles of category M and N at standstill and low speed operation — Engineering method
ISO 20299-2:2024	ISO/TC 45/SC 3	Film for wrapping rubber bales — Part 2: Natural rubber and modified natural rubber
ISO 8655-7:2022/Amd 1:2024	ISO/TC 48	Piston-operated volumetric apparatus — Part 7: Alternative measurement procedures for the determination of volume — Amendment 1
ISO 7866:2012/Amd 2:2024	ISO/TC 58/SC 3	Gas cylinders — Refillable seamless aluminium alloy gas cylinders — Design, construction and testing — Amendment 2
ISO 16358-1:2013/Amd 2:2024	ISO/TC 86/SC 6	Air-cooled air conditioners and air-to-air heat pumps — Testing and calculating methods for seasonal performance factors — Part 1: Cooling seasonal performance factor — Amendment 2
ISO/TR 24107:2024	ISO/TC 146/SC 4	Air quality — Validation of air quality measurement methods in the standardization process
ISO 19880-8:2024	ISO/TC 197	Gaseous hydrogen — Fuelling stations — Part 8: Fuel quality control
ISO/TS 5616:2024	ISO/TC 204	Intelligent transport systems — Secure interfaces governance — Minimum requirements and governance procedures
ISO 17573-3:2024	ISO/TC 204	Electronic fee collection — System architecture for vehicle-related tolling — Part 3: Data dictionary
ISO 21219-25:2024	ISO/TC 204	Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 25: Electromobility charging infrastructure (TPEG2-EMI)
ISO/TS 7122:2024	ISO/TC 215	Health informatics — Guidelines for exchanging data generated by portable polymerase chain reaction (PCR) devices for point-of-care testing (POCT) between screening centre and clinical laboratory
ISO/TR 24589-1:2024	ISO/TC 224	Examples of good practice for the management of assets of water supply and wastewater systems — Part 1: Water supply
ISO/TS 6818:2024	ISO/TC 249	Traditional Chinese medicine — Test method for moxa floss quality — Concentration of waste particles
ISO/TR 27926:2024	ISO/TC 265	Carbon dioxide capture, transportation and geological storage — Carbon dioxide enhanced oil recovery (CO ₂ -EOR) — Transitioning from EOR to storage
ISO 20466:2024	ISO/TC 282/SC 3	Guidance for performance grading of recovered reverse osmosis (RO) membranes for water reuse
ISO/TS 21152:2024	ISO/TC 282/SC 4	Guidance on water conservation techniques of circulating cooling water in thermal power plants
ISO 22371:2024	ISO/TC 292	Security and resilience — Community resilience — Principles, framework and guidelines on urban resilience
ISO/TR 32123:2024	ISO/TC 321	Transaction assurance in E-commerce — After-sales services

List of ISO standards and other deliverables published between 2024-12-16 and 2024-12-22

Reference	Committee	Title
ISO/IEC/IEEE 8802-1Q:2024/Amd 35:2024	ISO/IEC JTC 1/SC 6	Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1Q: Bridges and bridged networks — Amendment 35: Congestion isolation
ISO/IEC TS 25052-2:2024	ISO/IEC JTC 1/SC 7	Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuaRE): cloud services — Part 2: Quality measurement
ISO/IEC/IEEE 29119-5:2024	ISO/IEC JTC 1/SC 7	Software and systems engineering — Software testing — Part 5: Keyword-driven testing
ISO/IEC 15415:2024	ISO/IEC JTC 1/SC 31	Automatic identification and data capture techniques — Bar code symbol print quality test specification — Two-dimensional symbols
ISO 16122-1:2024	ISO/TC 23/SC 6	Agricultural and forestry machinery — Inspection of sprayers in use — Part 1: General
ISO 16122-2:2024	ISO/TC 23/SC 6	Agricultural and forestry machinery — Inspection of sprayers in use — Part 2: Horizontal boom sprayers
ISO 16122-3:2024	ISO/TC 23/SC 6	Agricultural and forestry machinery — Inspection of sprayers in use — Part 3: Sprayers for bush and tree crops
ISO 16122-4:2024	ISO/TC 23/SC 6	Agricultural and forestry machinery — Inspection of sprayers in use — Part 4: Fixed and semi-mobile sprayers
ISO 20599:2024	ISO/TC 23/SC 17	Manually portable (hand-held) powered lawn and garden equipment and forest machinery — Engine performance and fuel consumption
ISO 4064-1:2024	ISO/TC 30/SC 7	Water meters for cold potable water and hot water — Part 1: Metrological and technical requirements
ISO 4064-2:2024	ISO/TC 30/SC 7	Water meters for cold potable water and hot water — Part 2: Test methods
ISO 4064-3:2024	ISO/TC 30/SC 7	Water meters for cold potable water and hot water — Part 3: Test report format
ISO 4064-4:2024	ISO/TC 30/SC 7	Water meters for cold potable water and hot water — Part 4: Non-metrological requirements not covered in ISO 4064-1
ISO 3961:2024	ISO/TC 34/SC 11	Animal and vegetable fats and oils — Determination of iodine value
ISO/TS 9546:2024	ISO/TC 68/SC 2	Guidelines for security framework of information systems of third-party payment services
ISO 115:2024	ISO/TC 79/SC 4	Unalloyed aluminium ingots for remelting — Classification and composition
ISO 209:2024	ISO/TC 79/SC 6	Wrought aluminium and aluminium alloys — Chemical composition
ISO 19702:2024	ISO/TC 92/SC 3	Sampling and analysis of toxic gases and vapours in fire effluents using Fourier Transform Infrared (FTIR) spectroscopy
ISO 4379:2024	ISO/TC 123/SC 3	Plain bearings — Copper alloy bushes — Dimensions and tolerances
ISO 12129-1:2024	ISO/TC 123/SC 3	Plain bearings — Tolerances — Part 1: Fits
ISO 8044:2024	ISO/TC 156	Corrosion of metals and alloys — Vocabulary
ISO 10077-2:2017/Amd 1:2024	ISO/TC 163/SC 2	Thermal performance of windows, doors and shutters — Calculation of thermal transmittance — Part 2: Numerical method for frames — Amendment 1
ISO 23675:2024	ISO/TC 217	Cosmetics — Sun protection test methods — In vitro determination of sun protection factor (SPF)
ISO 23698:2024	ISO/TC 217	Cosmetics — Measurement of the sunscreen efficacy by diffuse reflectance spectroscopy
ISO 5471:2024	ISO/TC 249	Traditional Chinese medicine — <i>Carthamus tinctorius</i> flower
ISO/TR 5914:2024	ISO/TC 269/SC 2	Railway applications — Rolling stock — Interior passive safety

Withdrawn ISO Standards

List of ISO standards withdrawn between 2024-12-02 and 2024-12-08

Reference	Committee	Replaced by
ISO/TR 22824:2003	IIW	ISO/TR 22824:2024
ISO/IEC TS 22604:2023	ISO/IEC JTC 1/SC 37	ISO/IEC TS 22604:2024
ISO/IEC TR 24722:2015	ISO/IEC JTC 1/SC 37	ISO/IEC TR 24722:2024
ISO 4937:1986	ISO/TC 17/SC 1	ISO 4937:2024
ISO 6934-2:1991	ISO/TC 17/SC 16	ISO 6934-2:2024
ISO 16126:2014	ISO/TC 20/SC 14	ISO 16126:2024
ISO 5674:2004	ISO/TC 23/SC 2	ISO 5674:2024
ISO 1628-1:2021	ISO/TC 61/SC 5	ISO 1628-1:2024
ISO 4892-4:2013	ISO/TC 61/SC 6	ISO 4892-4:2024
ISO 15373:2001	ISO/TC 61/SC 9	ISO 15373:2024
ISO 19069-2:2016	ISO/TC 61/SC 9	ISO 19069-2:2024
ISO 29862:2018	ISO/TC 61/SC 11	ISO 29862:2024
ISO 13503-2:2006	ISO/TC 67/SC 3	ISO 13503-2:2024
ISO 13503-2:2006/Amd 1:2009	ISO/TC 67/SC 3	ISO 13503-2:2024
ISO 19044:2016	ISO/TC 71/SC 6	ISO 19044:2024
ISO 23908:2011	ISO/TC 84	ISO 23908:2024
ISO 4385:1981	ISO/TC 123/SC 2	ISO 4385:2024
ISO 13165-3:2016	ISO/TC 147/SC 3	ISO 13165-3:2024
ISO 14607:2018	ISO/TC 150	ISO 14607:2024
ISO 16784-1:2006	ISO/TC 156	ISO 16784-1:2024
ISO 16784-2:2006	ISO/TC 156	ISO 16784-2:2024
ISO 22675:2016	ISO/TC 168	ISO 22675:2024
ISO 15004-2:2007	ISO/TC 172/SC 7	ISO 15004-2:2024
ISO/TS 15926-6:2013	ISO/TC 184/SC 4	ISO 15926-6:2024
ISO/TS 19837:2018	ISO/TC 199	
ISO 16484-6:2020	ISO/TC 205	ISO 16484-6:2024
ISO 14199:2015	ISO/TC 215	ISO 14199:2024
ISO 20251:2016	ISO/TC 219	ISO 20251:2024
ISO 12957-2:2005	ISO/TC 221	ISO 12957-2:2024
ISO 22311:2012	ISO/TC 292	
ISO 17234-1:2020	IULTCS	ISO 17234-1:2024

List of ISO standards withdrawn between 2024-12-09 and 2024-12-15

Reference	Committee	Replaced by
ISO 28005-1:2013	ISO/TC 8/SC 11	ISO 28005-1:2024
ISO 11784:1996	ISO/TC 23/SC 19	ISO 11784:2024
ISO 11784:1996/Amd 1:2004	ISO/TC 23/SC 19	ISO 11784:2024
ISO 11784:1996/Amd 2:2010	ISO/TC 23/SC 19	ISO 11784:2024
ISO 251:2012	ISO/TC 41/SC 3	ISO 251:2024
ISO 16254:2016	ISO/TC 43/SC 1	ISO 16254:2024
ISO 20299-2:2017	ISO/TC 45/SC 3	ISO 20299-2:2024
ISO 15374:1998	ISO/TC 150/SC 1	
ISO 19880-8:2019	ISO/TC 197	ISO 19880-8:2024
ISO 19880-8:2019/Amd 1:2021	ISO/TC 197	ISO 19880-8:2024
ISO 17573-3:2023	ISO/TC 204	ISO 17573-3:2024
ISO/TS 21219-25:2017	ISO/TC 204	ISO 21219-25:2024
ISO/TS 50008:2018	ISO/TC 301	
ISO 50021:2019	ISO/TC 301	

List of ISO standards withdrawn between 2024-12-16 and 2024-12-22

Reference	Committee	Replaced by
ISO/IEC/IEEE 29119-5:2016	ISO/IEC JTC 1/SC 7	ISO/IEC/IEEE 29119-5:2024
ISO/IEC 15415:2011	ISO/IEC JTC 1/SC 31	ISO/IEC 15415:2024
ISO 16122-1:2015	ISO/TC 23/SC 6	ISO 16122-1:2024
ISO 16122-2:2015	ISO/TC 23/SC 6	ISO 16122-2:2024
ISO 16122-3:2015	ISO/TC 23/SC 6	ISO 16122-3:2024
ISO 16122-4:2015	ISO/TC 23/SC 6	ISO 16122-4:2024
ISO 7293:2021	ISO/TC 23/SC 17	ISO 20599:2024
ISO 8893:2021	ISO/TC 23/SC 17	ISO 20599:2024
ISO 4064-1:2014	ISO/TC 30/SC 7	ISO 4064-1:2024
ISO 4064-2:2014	ISO/TC 30/SC 7	ISO 4064-2:2024
ISO 4064-3:2014	ISO/TC 30/SC 7	ISO 4064-3:2024
ISO 4064-4:2014	ISO/TC 30/SC 7	ISO 4064-4:2024
ISO 3961:2018	ISO/TC 34/SC 11	ISO 3961:2024
ISO 115:2003	ISO/TC 79/SC 4	ISO 115:2024
ISO 209:2007	ISO/TC 79/SC 6	ISO 209:2024
ISO 19702:2015	ISO/TC 92/SC 3	ISO 19702:2024
ISO 4379:2018	ISO/TC 123/SC 3	ISO 4379:2024
ISO 12129-1:2019	ISO/TC 123/SC 3	ISO 12129-1:2024
ISO 8044:2020	ISO/TC 156	ISO 8044:2024

List of ISO standards withdrawn between 2024-12-23 and 2024-12-29

Reference	Committee	Replaced by
ISO/TS 10303-1230:2005	ISO/TC 184/SC 4	
ISO/TS 10303-1264:2010	ISO/TC 184/SC 4	