

# ISO Update

Supplement to ISOfocus

---

October 2021

---

# International Standards in process

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

## CD registered

Period from 01 September to 01 October 2021

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

|                 |   |
|-----------------|---|
| TC 5            | Ferrous metal pipes and metallic fittings   |
| ISO/CD 10803    | Design method for ductile iron pipes  |
| TC 8            | Ships and marine technology   |
| ISO/CD 5483     | Ships and marine technology — Drain facilities from oil and water tanks   |
| TC 20           | Aircraft and space vehicles   |
| ISO/CD 1151-8   | Flight dynamics — Concepts, quantities and symbols — Part 8: Concepts and quantities used in the study of the dynamic behaviour of the aircraft                           |
| TC 21           | Equipment for fire protection and fire fighting   |
| ISO/DTS 7240-30 | Fire detection and alarm systems — Part 30: Installation requirements for video fire detectors  |
| TC 22           | Road vehicles   |
| ISO/CD 15830-4  | Road vehicles — Design and performance specifications for the WorldSID 50th percentile male side impact dummy — Part 4: User's manual                                     |
| ISO/CD 23684    | Road vehicles — Requirements for the provision of technical Personnel dealing with Natural Gas Vehicles (NGVs) — Training and qualification programmes                    |
| TC 23           | Tractors and machinery for agriculture and forestry   |
| ISO/CD 10975    | Tractors and machinery for agriculture — Auto-guidance systems for operator-controlled tractors and self-propelled machines — Safety requirements                         |
| ISO/CD 18497-2  | Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 2: Design principles for obstacle protection systems |

|                           |   |
|---------------------------|---|
| TC 28                     | Petroleum and related products, fuels and lubricants from natural or synthetic sources  |
| ISO/CD 10976              | Refrigerated light hydrocarbon fluids — Measurement of cargoes on board LNG carriers  |
| TC 30                     | Measurement of fluid flow in closed conduits  |
| ISO/CD 5167-5             | Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 5: Cone meters  |
| ISO/CD 5167-6             | Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full — Part 6: Wedge meters   |
| TC 31                     | Tyres, rims and valves  |
| ISO/CD 4250-1.2           | Earth-mover tyres and rims — Part 1: Tyre designation and dimensions  |
| ISO/CD 4250-2.2           | Earth-mover tyres and rims — Part 2: Loads and inflation pressures  |
| TC 34                     | Food products   |
| ISO 16140-2:2016/CD Amd 1 | Microbiology of the food chain — Method validation — Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method — Amendment 1  |
| TC 37                     | Language and terminology  |
| ISO/CD 24620-4            | Language resource management — Controlled human communication (CHC) — Part 4: Multilingual technical requirements   |
| TC 60                     | Gears   |
| IEC/CD 61400-4            | Wind turbines — Part 4: Design requirements for wind turbine gearboxes  |
| ISO/DTR 10825-2           | Gears — Wear and damage to gear teeth — Supplementary information   |
| TC 61                     | Plastics  |
| ISO/CD 1663               | Rigid cellular plastics — Determination of water vapour transmission properties   |
| TC 68                     | Financial services  |
| ISO/CD 5158               | Mobile financial services — customer identification guidelines  |
| TC 70                     | Internal combustion engines   |
| ISO/CD TR 6307            | Effect of conductivity on multipass testing as per ISO 4548-12:2017   |
| TC 76                     | Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use  |
| ISO 8362-2:2015/CD Amd 1  | Injection containers and accessories — Part 2: Closures for injection vials — Amendment 1   |
| TC 85                     | Nuclear energy, nuclear technologies, and radiological protection   |
| ISO/ASTM CD 51940         | Guidance for dosimetry for sterile insects release programs   |
| TC 94                     | Personal safety -- Personal protective equipment  |
| ISO/DTS 16975-4           | Respiratory protective devices — Selection, use and maintenance — Part 4: Selection and usage guideline for respiratory protective devices under pandemic/epidemic/outbreak of infectious respiratory disease |
| TC 106                    | Dentistry   |

|                           |   |                                    |  |
|---------------------------|---|------------------------------------|--|
| ISO/CD<br>23402-3         | Dentistry — Portable dental equipment for use in non-permanent healthcare environment — Part 3: Portable suction equipment  | ISO<br>11591:2020/<br>CD Amd 1     | Small craft — Field of vision from the steering position — Amendment 1: Title missing  |
| TC 107<br>ISO/CD 4289     | Metallic and other inorganic coatings<br>Recommendation and specification of HVOF cermet coatings for metallurgical roll components   | ISO<br>12216:2020/<br>CD Amd 1     | Small craft — Windows, portlights, hatches, deadlights and doors — Strength and watertightness requirements — Amendment 1  |
| ISO/CD 7582               | Metallic coatings for electromagnetic interference shielding — Designation and characterization method  | ISO<br>15083:2020/<br>CD Amd 1     | Small craft — Bilge-pumping systems — Amendment 1  |
| TC 119<br>ISO/CD 3252     | Powder metallurgy<br>Powder metallurgy — Vocabulary   | TC 194                             | Biological and clinical evaluation of medical devices  |
| TC 131<br>ISO/CD 6953-1   | Fluid power systems<br>Pneumatic fluid power — Compressed air pressure regulators and filter-regulators — Part 1: Main characteristics to be included in literature from suppliers and product-marking requirements | ISO/CD<br>10993-20                 | Biological evaluation of medical devices — Part 20: Principles and methods for immunotoxicology testing of medical devices   |
| ISO/CD 6953-2             | Pneumatic fluid power — Compressed air pressure regulators and filter-regulators — Part 2: Test methods to determine the main characteristics to be included in literature from suppliers                           | TC 204<br>ISO/DTS 4398             | Intelligent transport systems<br>Intelligent transport systems — Guided transportation service planning data exchange<br>Intelligent transport systems — Vocabulary  |
| ISO/CD 5119               | Low Temperature Sealing Capability of Elastomeric Seals — Test Methods  | ISO/DTS<br>14812.2                 | Intelligent transport systems — Mobility integration — Gap and overlap analysis of ISO/TC 204 work programme for mobility integration  |
| TC 135<br>ISO/CD 24489    | Non-destructive testing<br>Non-destructive testing — Acoustic emission testing — Corrosion of atmospheric pressure metallic storage tank floor  | ISO/DTR<br>23797                   | Intelligent transport systems — Mobility integration — Gap and overlap analysis of ISO/TC 204 work programme for mobility integration  |
| TC 136<br>ISO/CD 9098-1   | Furniture<br>Bunk beds for domestic use — Safety requirements and tests — Part 1: Safety requirements   | TC 206<br>ISO/CD 3169              | Fine ceramics<br>Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of impurities in aluminium oxide powders using inductively coupled plasma-atomic emission spectrometry |
| ISO/CD 9098-2             | Bunk beds for domestic use — Safety requirements and tests — Part 2: Test methods   | ISO/CD 3180                        | Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of hydroxyapatite powders   |
| TC 138<br>ISO/CD 4070     | Plastics pipes, fittings and valves for the transport of fluids<br>Polyvinylidene fluoride (PVDF) — Effect of time and temperature on expected strength   | TC 207<br>ISO/CD 14020.2           | Environmental management<br>Environmental statements and programmes for products - Principles and general requirements   |
| ISO/CD 4075               | Polysulfone (PSU) — Effect of time and temperature on expected strength   | TC 211<br>ISO/CD 19152-1           | Geographic information/Geomatics<br>Geographic information — Land Administration Domain Model (LADM) — Part 1: Fundamentals  |
| ISO/CD 4076               | Polyphenylsulphone (PPSU) — Effect of time and temperature on expected strength   | TC 215<br>ISO/DTR 24290            | Health informatics<br>Health informatics – Datasets and formats for clinical and biological metrics in radiation therapy   |
| TC 146<br>ISO/CD 16000-42 | Air quality<br>Indoor air — Part 42: Measurement of particle number concentration by Condensation Particle Counters (CPC)   | TC 221<br>ISO/DTS 20432            | Geosynthetics<br>Guidelines for the determination of the long-term strength of geosynthetics for soil reinforcement  |
| TC 156<br>ISO/CD 4631     | Corrosion of metals and alloys<br>Measurement of the Electrochemical Localized Corrosion Potential (E-CLCP) for Biomedical Ti Alloys Fabricated via Additive Manufacturing Method                                   | TC 228<br>ISO/CD 5103              | Tourism and related services<br>Tourism and related services — Dry stack boat storage — Minimum requirements for operations and service provision  |
| ISO/CD 7539-12            | Corrosion of metals and alloys — Stress corrosion testing — Part 12: Part 12: Guidelines for atmospheric stress corrosion cracking testing  | TC 261<br>ISO/ASTM DTR 52952       | Additive manufacturing<br>Additive Manufacturing of metals — Feedstock materials — Correlating of rotating drum measurement with powder spreadability in PBF-LB machines   |
| TC 159<br>ISO/CD 9241-221 | Ergonomics<br>Ergonomics of human-system interaction — Part 221: HCD Process Assessment Model (PAM) and Process Reference Model (PRM)   | TC 297<br>ISO/DTS 24159            | Waste collection and transportation management<br>Refuse collection vehicles — Safety of manual and rear loaded refuse collection vehicles   |
| TC 162<br>ISO/CD 24084    | Doors, windows and curtain walling<br>Curtain walling — Inter-storey displacement resistance — Test method  | TC 304<br>ISO/CD 5741              | Healthcare organization management<br>Pandemic response — Temporary Medical Facilities   |
| TC 184<br>ISO/CD 24644    | Automation systems and integration<br>Mass customization value chain management   | JTC 1<br>ISO/IEC/IEEE CD 24748-6.2 | Information technology<br>Systems and software engineering — Life cycle management — Part 6: System and software integration   |
| TC 188                    | Small craft   |                                    |  |

|                        |   |                     |  |            |
|------------------------|---|---------------------|--|------------|
| ISO/IEC CD<br>24748-9  | Systems and software engineering — Life cycle management — Part 9: Application of system and software life cycle processes in epidemic prevention and control systems | ISO/DIS 24225       | Ships and marine technology — Pneumatic quick-closing control devices  | 2021-12-16 |
| ISO/IEC DTR<br>29119-8 | Software and systems engineering — Software testing — Part 8: Model-based testing   | TC 20               | Aircraft and space vehicles  |            |
| ISO/IEC CD<br>22592-1  | Office equipment — Print quality measurement methods for colour prints — Part 1: Image quality measurement methods  | ISO/DIS<br>23629-12 | UAS traffic management (UTM) — Part 12: Requirements for UTM service providers   | 2021-12-13 |
| ISO/IEC CD<br>29794-1  | Information technology — Biometric sample quality — Part 1: Framework   | ISO/DIS 24356       | General requirements for tethered unmanned aircraft systems  | 2021-12-23 |
| ISO/IEC CD<br>24029-2  | Artificial intelligence (AI) — Assessment of the robustness of neural networks — Part 2: Methodology for the use of formal methods                                    | TC 21               | Equipment for fire protection and fire fighting  |            |
| ISO/IEC CD<br>25059    | Software engineering — Systems and software Quality Requirements and Evaluation (SQuARE) — Quality model for AI-based systems   | ISO/DIS<br>7240-12  | Fire detection and alarm systems — Part 12: Line type smoke detectors using a transmitted optical beam<br>(Revision of ISO 7240-12:2014) | 2021-11-24 |

## DIS circulated

Period from 01 September to 01 October 2021

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

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

\* Available in English only

|                     |   | Vote<br>terminates |                              |  |
|---------------------|---|--------------------|------------------------------|--|
| TC 6                | Paper, board and pulps  |                    | TC 23                        | Tractors and machinery for agriculture and forestry  |
| ISO/DIS<br>5263-3   | Pulps — Laboratory wet disintegration — Part 3: Disintegration of mechanical pulps at > 85°C<br><br>(Revision of ISO 5263-3:2004) | 2021-12-03         | ISO<br>28139:2019/<br>DAmD 1 | Equipment for crop protection — Knapsack combustion engine-driven airblast sprayers — Safety and environmental requirements and test methods — Amendment 1 |
| ISO/DIS<br>5270.2   | Pulps — Laboratory sheets — Determination of physical properties<br><br>(Revision of ISO 5270:2012)                               | 2021-11-08         | TC 27                        | Coal and coke  |
| ISO/DIS 24196       | Lignins — Determination of lignin content in kraft lignin, soda lignin, and hydrolysis lignin                                     | 2021-11-25         | ISO/DIS 923                  | Coal — Density separation equipment for coal — Performance evaluation<br><br>(Revision of ISO 923:2000)  |
| ISO/DIS<br>12625-18 | Tissue paper and tissue products — Part 18: Determination of surface friction   | 2021-12-07         | ISO/DIS 7936                 | Coal — Determination and presentation of float and sink characteristics — General directions for apparatus and procedures<br>(Revision of ISO 7936:1992)   |
| TC 8                | Ships and marine technology   |                    | ISO/DIS 23380                | Coal — Selection of methods for the determination of trace elements<br><br>(Revision of ISO 23380:2013)  |
| ISO/DIS 23806       | Ships and marine technology — Cyber safety  | 2021-11-25         | TC 34                        | Food products  |
| ISO/DIS 24224       | Ships and marine technology — Tanker cargo manifold shore connection — Technical requirements                                     | 2021-11-24         | ISO/DIS 24583                | Quantitative nuclear magnetic resonance spectroscopy — Purity determination of organic compounds used for foods and food products — General requirements   |

|                    |  |            |                    |   |            |
|--------------------|--|------------|--------------------|---|------------|
| ISO/DIS<br>7927-1  | Spices and condiments —<br>Fennel seed, whole or ground<br>(powdered) — Part 1: Bit-<br>ter fennel seed ( <i>Foeniculum<br/>vulgare</i> P. Miller var. <i>vulgare</i> )<br>— Specification<br>(Revision of ISO 7927-1:1987)                                    | 2021-12-24 | ISO/DIS 24329      | (Revision of ISO 2006-1:2009)<br>Low-protein natural rubber latex<br>concentrate — Specification  | 2021-11-30 |
| ISO/DIS<br>7927-2  | Spices and condiments —<br>Fennel seed, whole or ground<br>(powdered) — Part 2: Sweet<br>fennel ( <i>Foeniculum vulgare</i> var.<br><i>panmorium</i> ) — Specification<br>(Revision of ISO 7927-1:1987)  | 2021-12-24 | TC 46              | Information and<br>documentation  |            |
| ISO/DIS<br>15213-1 | Microbiology of the food chain<br>— Horizontal method for the<br>detection and enumeration<br>of <i>Clostridium</i> spp. — Part 1:<br>Enumeration of sulfite-reducing<br><i>Clostridium</i> spp. by colony-<br>count technique<br>(Revision of ISO 15213:2003) | 2021-12-06 | ISO/DIS 233-3      | Information and documenta-<br>tion — Transliteration of Arabic<br>characters into Latin charac-<br>ters — Part 3: Persian language<br>— Transliteration<br>(Revision of ISO 233-3:1999) | 2021-12-07 |
| ISO/DIS<br>20976-2 | Microbiology of the food chain<br>— Requirements and guidelines<br>for conducting challenge tests<br>of food and feed products —<br>Part 2: Challenge tests to study<br>inactivation potential and kinetic<br>parameters                                       | 2021-12-06 | ISO/DIS 2789       | Information and documentation<br>— International library statistics<br><br>(Revision of ISO 2789:2013)  | 2021-12-02 |
| TC 35              | Paints and varnishes   |            | ISO/DIS 23527      | Information and documentation<br>— Research activity identifier<br>information technology — Learn-<br>ing, education, training and<br>research (RAiD)                                   | 2021-12-13 |
| ISO/DIS<br>8504-4  | Preparation of steel substrates<br>before application of paints and<br>related products — Surface<br>preparation methods — Part 4:<br>Acid pickling  | 2021-11-29 | TC 59              | Buildings and civil engi-<br>neering works  |            |
| TC 37              | Language and terminology   |            | ISO/DIS<br>6707-3  | Buildings and civil engineering<br>works — Vocabulary — Part 3:<br>Sustainability terms<br><br>(Revision of ISO 6707-3:2017)  | 2021-12-13 |
| ISO/DIS<br>12620-1 | Management of terminology<br>resources — Data categories —<br>Part 1: Specifications<br><br>(Revision of ISO 12620:2019)   | 2021-12-23 | TC 61              | Plastics  |            |
| TC 38              | Textiles   |            | ISO/DIS<br>11403-2 | Plastics — Acquisition and<br>presentation of comparable<br>multipoint data — Part 2: Ther-<br>mal and processing properties<br>(Revision of ISO 11403-2:2012)                          | 2021-12-20 |
| ISO/DIS 4333       | Textiles — Determination of<br>reduction activity of specific<br>proteins derived from pollen and<br>mite and other sources on textile<br>products   | 2021-12-15 | ISO/DIS 5412       | Biodegradable plastic shopping<br>bags for industrial composting  | 2021-12-02 |
| TC 43              | Acoustics  |            | ISO/DIS 5424       | Industrial compostable drinking<br>straws   | 2021-12-02 |
| ISO/DIS 5128       | Acoustics — Measurement of<br>interior vehicle noise<br><br>(Revision of ISO 5128:1980)  | 2021-12-13 | TC 67              | Materials, equipment and<br>offshore structures for pe-<br>troleum, petrochemical and<br>natural gas industries   |            |
| TC 44              | Welding and allied<br>processes  |            | ISO/DIS<br>24139-1 | Petroleum and natural gas<br>industries — Corrosion resistant<br>alloy clad bends and fittings for<br>pipeline transportation system —<br>Part 1: Clad bends                            | 2021-12-13 |
| ISO/DIS<br>15614-4 | Specification and qualification of<br>welding procedures for metallic<br>materials — Welding procedure<br>test — Part 4: Finishing welding<br>of aluminium castings<br>(Revision of ISO 15614-4:2005)  | 2021-11-30 | TC 79              | Light metals and their<br>alloys  |            |
| ISO/DIS<br>15614-6 | Specification and qualification of<br>welding procedures for metallic<br>materials — Welding procedure<br>test — Part 6: Arc and gas weld-<br>ing of copper and its alloys<br>(Revision of ISO 15614-6:2006)   | 2021-12-02 | ISO/DIS 4155       | Magnesium and magnesium<br>alloys — Determination of nickel<br>— Inductively coupled plasma<br>optical emission spectrometric<br>method   | 2021-12-23 |
| TC 45              | Rubber and rubber<br>products  |            | ISO/DIS 4177       | Magnesium and magnesium al-<br>loys – Determination of chromi-<br>um – Inductively coupled plasma<br>optical emission spectrometric<br>method   | 2021-12-23 |
| ISO/DIS<br>2006-1  | Rubber latex, synthetic — Deter-<br>mination of mechanical stability<br>— Part 1: High-speed method  | 2021-11-24 | ISO/DIS 4181       | Magnesium and magnesium<br>alloys — Determination of stron-<br>tium — Inductively coupled<br>plasma optical emission spectro-<br>metric method  | 2021-12-23 |

|                 |   |            |                            |   |            |
|-----------------|---|------------|----------------------------|---|------------|
| ISO/DIS 4188    | Magnesium and magnesium alloys – Determination of arsenic – Inductively coupled plasma optical emission spectrometric method  | 2021-12-23 | TC 107                     | Metallic and other inorganic coatings   |            |
| ISO/DIS 4189    | Magnesium and magnesium alloys — Determination of sodium — Inductively coupled plasma optical emission spectrometric method   | 2021-12-23 | ISO/DIS 1461               | Hot dip galvanized coatings on fabricated iron and steel articles — Specifications and test methods (Revision of ISO 1461:2009)   | 2021-12-21 |
| TC 83           | Sports and other recreational facilities and equipment  |            | TC 108                     | Mechanical vibration, shock and condition monitoring  |            |
| ISO/DIS 25649-1 | Floating leisure articles for use on and in the water — Part 1: Classification, materials, general requirements and test methods (Revision of ISO 25649-1:2017)             | 2021-12-24 | ISO/DIS 21940-21           | Mechanical vibration — Rotor balancing — Part 21: Description and evaluation of balancing machines (Revision of ISO 21940-21:2012)  | 2021-12-21 |
| ISO/DIS 25649-2 | Floating leisure articles for use on and in the water — Part 2: Consumer information  | 2021-12-24 | TC 111                     | Round steel link chains, chain slings, components and accessories   |            |
| ISO/DIS 25649-3 | Floating leisure articles for use on and in the water — Part 3: Additional specific safety requirements and test methods for Class A devices (Revision of ISO 25649-3:2017) | 2021-12-24 | ISO/DIS 2415               | Forged shackles for general lifting purposes — Dee shackles and bow shackles (Revision of ISO 2415:2004)  | 2021-12-08 |
| ISO/DIS 25649-4 | Floating leisure articles for use on and in the water — Part 4: Additional specific safety requirements and test methods for Class B devices (Revision of ISO 25649-4:2017) | 2021-12-24 | TC 121                     | Anaesthetic and respiratory equipment   |            |
| ISO/DIS 25649-5 | Floating leisure articles for use on and in the water — Part 5: Additional specific safety requirements and test methods for Class C devices (Revision of ISO 25649-5:2017) | 2021-12-24 | IEC 80601-2-26:2019/DAmD 1 | Medical electrical equipment — Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs — Amendment 1  | 2021-12-03 |
| ISO/DIS 25649-6 | Floating leisure articles for use on and in the water — Part 6: Additional specific safety requirements and test methods for Class D devices (Revision of ISO 25649-6:2017) | 2021-12-24 | IEC 80601-2-59:2017/DAmD 1 | Medical electrical equipment — Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening — Amendment 1        | 2021-12-03 |
| ISO/DIS 25649-7 | Floating leisure articles for use on and in the water — Part 7: Additional specific safety requirements and test methods for Class E devices (Revision of ISO 25649-7:2017) | 2021-12-24 | TC 122                     | Packaging   |            |
| TC 85           | Nuclear energy, nuclear technologies, and radiological protection   |            | ISO/DIS 15750-3            | Packaging — Steel drums — Part 3: Inserted flange-type closure systems (Revision of ISO 15750-3:2002)   | 2021-12-06 |
| ISO/DIS 12749-2 | Nuclear energy, nuclear technologies, and radiological protection — Vocabulary — Part 2: Radiological protection (Revision of ISO 12749-2:2013)                             | 2021-11-26 | TC 126                     | Tobacco and tobacco products  |            |
| ISO/DIS 20044   | Measurement of radioactivity in the environment — Air: aerosols — Test method using sampling by filter media  | 2021-12-21 | ISO/DIS 24211              | Vapour products — Determination of selected carbonyls in vapour product emissions   | 2021-12-14 |
| TC 102          | Iron ore and direct reduced iron  |            | TC 131                     | Fluid power systems   |            |
| ISO/DIS 7992    | Iron ores for blast furnace feedstocks — Determination of reduction under load (Revision of ISO 7992:2015)  | 2021-12-02 | ISO/DIS 16028              | Hydraulic fluid power — Flush-face type, quick-action couplings for use at pressures of 10 MPa (200 bar) to 31,5 MPa (315 bar) — Specifications (Revision of ISO 16028:1999, ISO 16028:1999/Amd 1:2006) | 2021-12-22 |
|                 |   |            | TC 135                     | Non-destructive testing   |            |
|                 |   |            | ISO/DIS 18563-1            | Non-destructive testing — Characterization and verification of ultrasonic phased array equipment — Part 1: Instruments (Revision of ISO 18563-1:2015)   | 2021-11-25 |
|                 |   |            | TC 150                     | Implants for surgery  |            |
|                 |   |            | ISO 18242:2016/DAmD 1      | Cardiovascular implants and extracorporeal systems — Centrifugal blood pumps — Amendment 1: Worst-case conditions for testing   | 2021-11-24 |

|                          |  |            |  |                    |   |            |  |
|--------------------------|--|------------|--|--------------------|---|------------|--|
| TC 154                   | Processes, data elements and documents in commerce, industry and administration  |            |  | TC 212             | Clinical laboratory testing and in vitro diagnostic test systems  |            |  |
| ISO/DIS 34000            | Date and time — Concepts and vocabulary  | 2021-12-09 |  | ISO/DIS 17593      | Clinical laboratory testing and in vitro medical devices — Requirements for in vitro monitoring systems for self-testing of oral anticoagulant therapy (Revision of ISO 17593:2007)     | 2021-11-24 |  |
| TC 156                   | Corrosion of metals and alloys   |            |  | TC 215             | Health informatics  |            |  |
| ISO/DIS 24239            | Fossil Fuel Power Plants Corrosion Control Engineering Life Cycle — General Requirements   | 2021-11-25 |  | ISO/DIS 4454       | Genomics informatics — Phenopackets: A format for phenotypic data exchange  | 2021-12-21 |  |
| TC 172                   | Optics and photonics   |            |  | TC 220             | Cryogenic vessels   |            |  |
| ISO/DIS 9802             | Raw optical glass — Vocabulary   | 2021-12-06 |  | ISO/DIS 21012      | Cryogenic vessels — Hoses   | 2021-12-10 |  |
|                          | (Revision of ISO 9802:1996, ISO 9802:1996/Cor 1:2005)  |            |  |                    | (Revision of ISO 21012:2018)  |            |  |
| TC 176                   | Quality management and quality assurance   |            |  | TC 224             | Service activities relating to drinking water supply, wastewater and stormwater systems   |            |  |
| ISO/DIS 10010            | Quality management — Organizational quality culture — Guidance to achieve sustained success  | 2021-12-16 |  | ISO/DIS 24525      | Activities relating to drinking water and wastewater services – Guidelines for the management of basic on-site domestic wastewater services – Operation and maintenance activities      | 2021-11-30 |  |
| TC 180                   | Solar energy   |            |  | TC 228             | Tourism and related services  |            |  |
| ISO/DIS 9845-1           | Solar energy — Reference solar spectral irradiance at the ground at different receiving conditions — Part 1: Direct normal and hemispherical solar irradiance for air mass 1,5 (Revision of ISO 9845-1:1992) | 2021-12-06 |  | ISO/DIS 13810      | Tourism and related services — Visits to industrial tourism organizations and to natural, cultural and historical sites — Requirements and recommendations (Revision of ISO 13810:2015) | 2021-12-22 |  |
| TC 182                   | Geotechnics  |            |  | TC 229             | Nanotechnologies  |            |  |
| ISO 17892-12:2018/DAMd 2 | Geotechnical investigation and testing — Laboratory testing of soil — Part 12: Determination of liquid and plastic limits — Amendment 2  | 2021-12-08 |  | ISO/DIS 80004-1    | Nanotechnologies – Vocabulary — Part 1: Core terms and definitions  | 2021-12-07 |  |
| TC 184                   | Automation systems and integration   |            |  |                    | (Revision of ISO/TS 80004-1:2015, ISO/TS 80004-2:2015, ISO/TS 80004-4:2011, ISO/TS 80004-1:2015)  |            |  |
| ISO/DIS 8000-150         | Data quality — Part 150: Data quality management: Roles and responsibilities   | 2021-12-16 |  | TC 238             | Solid biofuels  |            |  |
|                          | (Revision of ISO/TS 8000-150:2011)   |            |  | ISO/DIS 18122      | Solid biofuels — Determination of ash content   | 2021-12-24 |  |
| TC 204                   | Intelligent transport systems  |            |  |                    | (Revision of ISO 18122:2015)  |            |  |
| ISO/DIS 5345             | Intelligent transport systems — Identifiers — Processes  | 2021-11-26 |  | TC 249             | Traditional Chinese medicine  |            |  |
| TC 206                   | Fine ceramics  |            |  | ISO/DIS 23964      | Traditional Chinese Medicine — Saposhnikovia divaricata root and rhizome  | 2021-12-09 |  |
| ISO/DIS 18755            | Fine ceramics (advanced ceramics, advanced technical ceramics) — Determination of thermal diffusivity of monolithic ceramics by flash method (Revision of ISO 18755:2005)                                    | 2021-12-23 |  | TC 261             | Additive manufacturing  |            |  |
| TC 207                   | Environmental management   |            |  | ISO/ASTM DIS 52931 | Additive manufacturing of metals — Environment, health and safety — General principles for use of metallic materials  | 2021-12-02 |  |
| ISO/DIS 14015            | Environmental management — Guidelines for Environmental Due Diligence Assessment   | 2021-11-30 |  | TC 267             | Facility management   |            |  |
|                          | (Revision of ISO 14015:2001)   |            |  | ISO/DIS 41018      | Facility management — Development of a facility management policy   | 2021-12-07 |  |

|                           |   |            |   |   |                 |
|---------------------------|---|------------|---|---|-----------------|
| TC 269<br>ISO/DIS 24478   | Railway applications<br>Railway applications — Braking — Generic vocabulary   | 2021-12-13 | ISO/IEC DIS 3721-1                        | Information technology — Computer graphics, image processing and environmental data representation — Information model for Mixed and Augmented Reality Contents — Part 1: Core Objects and Attributes       | 2021-11-24      |
| TC 276<br>ISO/DIS 20691   | Biotechnology<br>Biotechnology — Requirements for data formatting and description in the life sciences  | 2021-12-14 | ISO/IEC DIS 27036-2                       | Cybersecurity — Supplier relationships — Part 2: Requirements   | 2021-12-02      |
| ISO/DIS 24088-1           | Biotechnology — Biobanking — Requirements for the collection, processing, storage and transportation of microorganisms — Part 1: Bacteria and archaea   | 2021-11-25 | ISO/IEC DIS 22954                         | (Revision of ISO/IEC 27036-2:2014)<br>Information technology — Office equipment — Automated colour profile distribution   | 2021-12-14      |
| ISO/DIS 24603             | Biotechnology — Biobanking — Requirements for human and mouse pluripotent stem cells  | 2021-11-29 | ISO/IEC FDIS 14496-15/<br>DAmd 1          | 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 1: Support for LCEVC     | 2021-12-24      |
| ISO/DIS 24651             | Biotechnology — Biobanking — Requirements for human mesenchymal stromal cells derived from bone marrow  | 2021-12-02 |   |   |                 |
| TC 289<br>ISO/DIS 20671-3 | Brand evaluation<br>Brand evaluation — Part 3: Guidelines for brands related to geographical Indications  | 2021-12-24 | ISO/IEC DIS 19794-14                      | Information technology — Biometric data interchange formats — Part 14: DNA data   | 2021-12-21      |
| TC 292<br>ISO/DIS 22379   | Security and resilience<br>Security and resilience — Guidelines for hosting and organizing citywide or regional events  | 2021-12-06 |   | (Revision of ISO/IEC 19794-14:2013, ISO/IEC 19794-14:2013/Amd 1:2016)   |                 |
| TC 296<br>ISO/DIS 21629-2 | Bamboo and rattan<br>Bamboo floorings — Part 2: Outdoor use   | 2021-12-21 |   |   |                 |
| IULTCS<br>ISO/DIS 14268   | International Union of Leather Technologists and Chemists Societies<br>Leather — Physical and mechanical tests — Determination of water vapour permeability   | 2021-12-23 |   |   |                 |
| ISO/DIS 17072-2           | (Revision of ISO 14268:2012)<br>Leather — Chemical determination of metal content — Part 2: Total metal content   | 2021-12-09 |   |   | Vote terminates |
| ISO/DIS 18218-1           | (Revision of ISO 17072-2:2019)<br>Leather — Determination of ethoxylated alkylphenols — Part 1: Direct method   | 2021-12-14 |   |   |                 |
| ISO/DIS 23702-1           | (Revision of ISO 18218-1:2015)<br>Leather - Per- and polyfluoroalkyl substances — Part 1: Determination of non-volatile compounds by extraction method using liquid chromatography (Revision of ISO 23702-1:2018) | 2021-12-14 |   |   |                 |
| JTC 1<br>ISO/IEC DIS 5733 | Information technology<br>Information technology — Cloud Data Management Interface (CDMITM) Version 2.0   | 2021-12-17 |   |   |                 |
|                           |   |            | TC 2<br>ISO/FDIS 3506-5                   | Fasteners<br>Fasteners — Mechanical properties of corrosion-resistant stainless steel fasteners — Part 5: Special fasteners (also including fasteners from nickel alloys) for high temperature applications | 2021-11-02      |
|                           |   |            | TC 6<br>ISO/FDIS 14968                    | Paper, board and pulps<br>Paper and board — Cut-size office paper — Measurement of curl in a pack of sheets   | 2021-11-17      |
|                           |   |            |   | (Revision of ISO 14968:1999)  |                 |
|                           |   |            | TC 8<br>IEC/IEEE 80005-1:2019/<br>FDAmD 1 | Ships and marine technology<br>Utility connections in port — Part 1: High voltage shore connection (HVSC) systems — General requirements — Amendment 1: Utility connections in port                         | 2021-11-12      |

## FDIS circulated

Period from 01 September to 01 October 2021

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

\* Available in English only



|                        |   |            |                    |  |            |
|------------------------|---|------------|--------------------|--|------------|
| ISO/PRF 23040          | Marine environment impact assessment (MEIA) — Specification for marine sediments in seabed areas — Survey of interstitial biota   |            | ISO/FDIS 975       | Brown coals and lignites — Determination of yield of benzene-soluble extract — Semi-automatic method (Revision of ISO 975:2013)  | 2021-11-09 |
| TC 20                  | Aircraft and space vehicles   |            | ISO/FDIS 5071-1    | Brown coals and lignites — Determination of the volatile matter in the analysis sample — Part 1: Two-furnace method (Revision of ISO 5071-1:2013)  | 2021-11-10 |
| ISO/PRF 5224           | Rotorcrafts – Flight dynamics – Vocabulary  |            | ISO/FDIS 5072      | Brown coals and lignites — Determination of true relative density and apparent relative density (Revision of ISO 5072:2013)  | 2021-11-10 |
| ISO/FDIS 23569         | Space systems — Spacecraft system level radio frequency (RF) performance test in compact range  | 2021-10-28 | ISO/FDIS 5073      | Brown coals and lignites — Determination of humic acids (Revision of ISO 5073:2013)  | 2021-11-10 |
| ISO/FDIS 21384-2       | Unmanned aircraft systems — Part 2: UAS components  | 2021-11-03 |                    |  |            |
| TC 21                  | Equipment for fire protection and fire fighting   |            | TC 28              | Petroleum and related products, fuels and lubricants from natural or synthetic sources   |            |
| ISO/FDIS 7203-4        | Fire extinguishing media — Foam concentrates — Part 4: Specification for Class A foam concentrates for application on Class A fires   | 2021-11-11 | ISO/FDIS 4259-4    | Petroleum and related products — Precision of measurement methods and results — Part 4: Use of statistical control charts to validate 'in-statistical-control' status for the execution of a standard test method in a single laboratory | 2021-10-29 |
| TC 22                  | Road vehicles   |            | TC 29              | Small tools  |            |
| ISO/PAS 5101           | Road vehicles — Field load specification for brake actuation and modulation systems   |            | ISO/PRF TS 13399-2 | Cutting tool data representation and exchange — Part 2: Reference dictionary for the cutting items (Revision of ISO/TS 13399-2:2014)   |            |
| ISO/FDIS 20766-13      | Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 13: Multivalve  | 2021-11-19 | ISO/PRF TS 13399-3 | Cutting tool data representation and exchange — Part 3: Reference dictionary for tool items (Revision of ISO/TS 13399-3:2014)  |            |
| ISO/FDIS 20766-14      | Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 14: Vaporizer/pressure regulator  | 2021-11-19 | ISO/PRF TS 13399-4 | Cutting tool data representation and exchange — Part 4: Reference dictionary for adaptive items (Revision of ISO/TS 13399-4:2014)  |            |
| ISO/FDIS 20766-16      | Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 16: Injectors and gas mixing device/fuel rail   | 2021-11-19 | ISO/PRF 8976       | Pliers and nippers — Multiple slip joint pliers — Dimensions and test values (Revision of ISO 8976:2004)   |            |
| ISO/FDIS 20766-24      | Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 24: Gas tubes   | 2021-11-19 | TC 31              | Tyres, rims and valves   |            |
| ISO/FDIS 20766-25      | Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 25: Gas connections   | 2021-11-19 | ISO/PRF 15222      | Truck and bus tyres — Method for measuring relative wet grip performance — Loaded new tyres (Revision of ISO 15222:2011)   |            |
| TC 23                  | Tractors and machinery for agriculture and forestry   |            | ISO/PRF 18885-3    | TPMS snap-in valves — Part 3: Performances (Revision of ISO 18885-3:2019)  |            |
| ISO 17962:2015/FDAmD 1 | Agricultural machinery — Equipment for sowing — Minimization of the environmental effects of fan exhaust from pneumatic systems — Amendment 1   | 2021-11-18 | TC 34              | Food products  |            |
| ISO/FDIS 19472-2       | Machinery for forestry — Winches — Part 2: Traction aid winches   | 2021-11-25 | ISO/FDIS 23637     | Cereals — Determination of cadmium content by graphite furnace atomic absorption spectrometry with diluted nitric acid extraction  | 2021-11-24 |
| ISO/FDIS 11806-1       | Agricultural and forestry machinery — Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers — Part 1: Machines fitted with an integral combustion engine (Revision of ISO 11806-1:2011) | 2021-11-25 |                    |  |            |
| TC 27                  | Coal and coke   |            |                    |  |            |

|                           |   |            |                             |  |                                |
|---------------------------|---|------------|-----------------------------|--|--------------------------------|
| ISO/PRF 24223             | Cheese — Guidance on sample preparation for physical and chemical testing   |            | ISO/FDIS 6801               | Rubber and plastics hoses — Determination of volumetric expansion  | 2021-11-01                     |
| TC 37<br>ISO/TS 24634     | Language and terminology<br>Management of terminology resources — TBX-compliant representation of concept relations and subject fields  |            |                             | (Revision of ISO 6801:1983/Amd 1:2011, ISO 6801:1983)  |                                |
| ISO/FDIS 23155            | Interpreting services — Conference interpreting — Requirements and recommendations  | 2021-11-17 | ISO/PRF 23508               | Solution-polymerized SBR — Evaluation methods of viscoelastic properties   |                                |
| TC 38<br>ISO/FDIS 24180   | Textiles<br>Textiles — Synthetic filament yarns — Electrostatic propensity evaluation by measuring electrical resistance  | 2021-11-18 | TC 46<br>ISO/FDIS 10957     | Information and documentation<br>Information and documentation — International standard music number (ISMN)  | 2021-11-09                     |
| TC 42<br>ISO/FDIS 18913   | Photography<br>Imaging materials — Permanence — Vocabulary  | 2021-11-12 | ISO/FDIS 15707              | Information and documentation — International Standard Musical Work Code (ISWC)  | 2021-11-26                     |
| ISO/PRF TS 18950          | (Revision of ISO 18913:2012)<br>Imaging materials — Photographic prints — Effect of light sources on degradation under museum conditions  |            | TC 58<br>ISO/FDIS 11114-5   | Gas cylinders<br>Gas cylinders — Compatibility of cylinder and valve materials with gas contents — Part 5: Test methods for evaluating plastic liners  | 2021-11-25                     |
| TC 43<br>ISO/FDIS 10844   | Acoustics<br>Acoustics — Specification of test tracks for measuring sound emitted by road vehicles and their tyres  | 2021-10-27 | TC 61<br>ISO/FDIS 8985      | Plastics<br>Plastics — Ethylene/vinyl acetate copolymer (EVAC) thermoplastics — Determination of vinyl acetate content   | 2021-11-24                     |
| ISO/PRF PAS 13473-6       | (Revision of ISO 10844:2014)<br>Characterization of pavement texture by use of surface profiles — Part 6: Verification of the performance of laser profilometers used for pavement texture measurements |            | ISO/PRF 527-5               | Plastics — Determination of tensile properties — Part 5: Test conditions for unidirectional fibre-reinforced plastic composites  | (Revision of ISO 527-5:2009)   |
| ISO/FDIS 3382-3           | Acoustics — Measurement of room acoustic parameters — Part 3: Open plan offices   | 2021-11-16 | TC 67<br>ISO/PRF 6368       | Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries<br>Petroleum, petrochemical and natural gas industries — Dry gas sealing systems for axial, centrifugal, and rotary screw compressors and expanders | (Revision of ISO 10438-4:2007) |
| TC 44<br>ISO/FDIS 10675-1 | Welding and allied processes<br>Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 1: Steel, nickel, titanium and their alloys  | 2021-11-04 | TC 68<br>ISO/PRF 4914       | Financial services<br>Financial services – Unique product identifier (UPI)   |                                |
| ISO/FDIS 10675-2          | Non-destructive testing of welds — Acceptance levels for radiographic testing — Part 2: Aluminium and its alloys  | 2021-11-04 | TC 69<br>ISO/PRF TR 11843-8 | Applications of statistical methods<br>Capability of detection — Part 8: Guidance for the implementation of the ISO 11843 series   |                                |
| ISO/FDIS 13585            | Brazing — Qualification test of brazers and brazing operators   | 2021-11-05 | TC 70<br>ISO/FDIS 6798-3    | Internal combustion engines<br>Reciprocating internal combustion engines — Measurement of sound power level using sound pressure — Part 3: Survey method for use in situ   | 2021-11-11                     |
| ISO/FDIS 17779            | (Revision of ISO 13585:2012)<br>Brazing — Specification and qualification of brazing procedures for metallic materials  | 2021-11-05 | TC 82<br>ISO/FDIS 23872     | Mining<br>Mining structures — Underground structures   | 2021-11-03                     |
| TC 45                     | Rubber and rubber products  |            |                             |  |                                |

|                    |  |            |                         |  |            |
|--------------------|--|------------|-------------------------|--|------------|
| TC 85              | Nuclear energy, nuclear technologies, and radiological protection  |            |                         | (Revision of ISO 15998:2008, ISO/TS 15998-2:2012)  |            |
| ISO/FDIS 21909-2   | Passive neutron dosimetry systems — Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces | 2021-11-12 | ISO/FDIS 21815-1        | Earth-moving machinery — Collision warning and avoidance — Part 1: General requirements  | 2021-11-25 |
| TC 86              | Refrigeration and air-conditioning   |            | ISO 6405-1:2017/FDAmD 1 | Earth-moving machinery — Symbols for operator controls and other displays — Part 1: Common symbols — Amendment 1: Additional symbols             | 2021-11-25 |
| ISO/FDIS 22044     | Commercial beverage coolers — Classification, requirements and test conditions   | 2021-11-16 | TC 135                  | Non-destructive testing  |            |
| TC 96              | Cranes   |            | ISO/FDIS 9712           | Non-destructive testing — Qualification and certification of NDT personnel   | 2021-11-15 |
| ISO/FDIS 12210     | Cranes — Anchoring devices for in-service and out-of-service conditions  | 2021-11-03 |                         | (Revision of ISO 9712:2012)  |            |
| TC 98              | Bases for design of structures   |            | TC 138                  | Plastics pipes, fittings and valves for the transport of fluids  |            |
| ISO/PRF TR 4553    | Deformations and displacements of buildings and building elements at serviceability limit states                                       |            | ISO/FDIS 11295          | Plastics piping systems used for the rehabilitation of pipelines — Classification and overview of strategic, tactical and operational activities | 2021-11-25 |
| TC 107             | Metallic and other inorganic coatings  |            | TC 145                  | Graphical symbols  |            |
| ISO/FDIS 24284     | Metallic coatings — Corrosion test method for decorative chrome plating under a de-icing salt environment                              | 2021-11-24 | ISO 7010:2019/PRF Amd 4 | Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 4  |            |
| TC 110             | Industrial trucks  |            | TC 150                  | Implants for surgery   |            |
| ISO/FDIS 23434-1   | Industrial trucks — Sustainability — Part 1: Vocabulary  | 2021-11-01 | ISO/FDIS 9713           | Neurosurgical implants — Self-closing intracranial aneurysm clips  | 2021-11-11 |
| ISO/FDIS 23434-2   | Industrial trucks — Sustainability — Part 2: Factors and reporting   | 2021-11-01 |                         | (Revision of ISO 9713:2002)  |            |
| TC 121             | Anaesthetic and respiratory equipment  |            | ISO 25539-4             | Cardiovascular implants — Endovascular devices — Part 4: Application of ISO 17327-1 for coated endovascular devices                              |            |
| ISO 10079-2        | Medical suction equipment — Part 2: Manually powered suction equipment   |            | TC 155                  | Nickel and nickel alloys   |            |
| ISO 10079-3        | Medical suction equipment — Part 3: Suction equipment powered from a vacuum or positive pressure gas source                            |            | ISO/FDIS 11400          | Nickel, ferronickels and nickel alloys — Determination of phosphorus content — Phosphovanadomolybdate spectrophotometric method                  | 2021-11-24 |
| TC 123             | Plain bearings   |            |                         | (Revision of ISO 11400:1992)   |            |
| ISO/FDIS 4384-2    | Plain bearings — Hardness testing of bearing metals — Part 2: Solid materials  | 2021-11-17 | TC 156                  | Corrosion of metals and alloys   |            |
| ISO/FDIS 7905-2    | Plain bearings — Bearing fatigue — Part 2: Test with a cylindrical specimen of a metallic bearing material                             | 2021-11-11 | ISO/FDIS 10270          | Corrosion of metals and alloys — Aqueous corrosion testing of zirconium alloys for use in nuclear power reactors                                 | 2021-11-25 |
| TC 127             | Earth-moving machinery   |            |                         | (Revision of ISO 10270:1995, ISO 10270:1995/Cor 1:1997)  |            |
| ISO/PRF TS 19014-5 | Earth-moving machinery — Functional safety — Part 5: Tables of performance levels  |            | TC 159                  | Ergonomics   |            |
|                    |  |            | ISO/PRF 9241-20         | Ergonomics of human-system interaction — Part 20: An ergonomic approach to accessibility within the ISO 9241 series                              |            |
|                    |  |            | ISO/FDIS 8996           | Ergonomics of the thermal environment — Determination of metabolic rate  | 2021-11-02 |
|                    |  |            |                         | (Revision of ISO 8996:2004)  |            |
|                    |  |            | TC 160                  | Glass in building  |            |

|                     |   |            |                               |  |            |
|---------------------|---|------------|-------------------------------|--|------------|
| ISO/FDIS<br>12543-5 | Glass in building — Laminated glass and laminated safety glass — Part 5: Dimensions and edge finishing<br>(Revision of ISO 12543-5:2011)  | 2021-11-03 | ISO/FDIS<br>23646             | Soil quality — Determination of organochlorine pesticides by gas chromatography with mass selective detection (GC-MS) and gas chromatography with electron-capture detection (GC-ECD)<br>(Revision of ISO 10382:2002)  | 2021-11-25 |
| TC 161              | Controls and protective devices for gas and/or oil  |            |                               |  |            |
| ISO 23551-6         | Safety and control devices for gas burners and gas-burning appliances — Part 6: Thermoelectric flame supervision controls<br>(Revision of ISO 23551-6:2014)                         |            | ISO/FDIS<br>24032             | Soil quality — In situ caging of snails to assess bioaccumulation of contaminants  | 2021-11-04 |
| ISO/FDIS<br>23555-1 | Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa — Part 1: General requirements   | 2021-11-26 | TC 201<br>ISO/FDIS<br>18115-2 | Surface chemical analysis<br>Surface chemical analysis — Vocabulary — Part 2: Terms used in scanning-probe microscopy<br><br>(Revision of ISO 18115-2:2013)  | 2021-11-25 |
| ISO/FDIS<br>23555-2 | Gas pressure safety and control devices for use in gas transmission, distribution and installations for inlet pressures up to and including 10 MPa — Part 2: Gas pressure regulator | 2021-11-26 | TC 204                        | Intelligent transport systems  |            |
| TC 163              | Thermal performance and energy use in the built environment   |            | ISO/PRF TS<br>19468           | Intelligent transport systems — Data interfaces between centres for transport information and control systems — Platform-independent model specifications for data exchange protocols for transport information and control systems<br>(Revision of ISO/TS 19468:2019) |            |
| ISO/FDIS<br>23766   | Thermal insulating products for industrial installations — Determination of the coefficient of linear thermal expansion at sub-ambient temperatures                                 | 2021-11-17 | TC 205                        | Building environment design  |            |
| ISO/FDIS<br>22482   | Thermal insulation products — Aerogel blankets for buildings — Determination of physical properties   | 2021-10-27 | ISO/FDIS<br>52120-1           | Energy performance of buildings — Contribution of building automation and controls and building management — Part 1: General framework and procedures  | 2021-11-02 |
| TC 164              | Mechanical testing of metals  |            | TC 215                        | Health informatics   |            |
| ISO/FDIS<br>18338   | Metallic materials — Torsion test at room temperature   | 2021-11-19 | ISO/IEEE FDIS<br>11073-40101  | Health informatics — Device interoperability — Part 40101: Foundational — Cybersecurity — Processes for vulnerability assessment   | 2022-01-31 |
| ISO/FDIS 1352       | Metallic materials — Torque-controlled fatigue testing<br><br>(Revision of ISO 1352:2011)   | 2021-11-26 | ISO/IEEE FDIS<br>11073-40102  | Health informatics — Device interoperability — Part 40102: Foundational — Cybersecurity — Capabilities for mitigation  | 2022-01-31 |
| TC 173              | Assistive products  |            | ISO/PRF TS<br>24289           | Health informatics — Hierarchical file structure specification for secondary storage of health related information   |            |
| ISO 16840-12        | Wheelchair seating — Part 12: Envelopment and immersion characterization of seat cushions using a dual semispherical indenter<br>(Revision of ISO/TS 16840-12:2015)                 |            | IEC/FDIS<br>81001-5-1         | Health software and health IT systems safety, effectiveness and security — Part 5-1: Security — Activities in the product life cycle   | 2021-11-05 |
| TC 178              | Lifts, escalators and moving walks  |            | TC 219                        | Floor coverings  |            |
| ISO/FDIS<br>8100-34 | Lifts for the transport of persons and goods — Part 34: Measurement of lift ride quality<br><br>(Revision of ISO 18738-1:2012)  | 2021-11-18 | ISO/PRF<br>23999              | Resilient floor coverings — Determination of dimensional stability and curling after exposure to heat<br>(Revision of ISO 23999:2018)  |            |
| ISO/FDIS<br>8103-9  | Escalators and moving walks — Part 9: Measurement of ride quality<br><br>(Revision of ISO 18738-2:2012)   | 2021-11-15 | TC 220                        | Cryogenic vessels  |            |
| TC 190              | Soil quality  |            | ISO/FDIS<br>21013-1           | Cryogenic vessels — Pressure-relief accessories for cryogenic service — Part 1: Reclosable pressure-relief valves<br>(Revision of ISO 21013-1:2008)  | 2021-11-12 |
|                     |   |            | TC 229                        | Nanotechnologies   |            |

|                                     |  |            |                                      |   |            |
|-------------------------------------|--|------------|--------------------------------------|---|------------|
| ISO/PRF TR<br>22455                 | Nanotechnologies — High throughput screening method for nanoparticles toxicity using 3D model cells  |            | ISO/IEC FDIS<br>30193                | Information technology — Digitally recorded media for information interchange and storage — 120 mm triple layer (100,0 GB per disk) BD rewritable disk (Revision of ISO/IEC 30193:2020)   | 2021-11-05 |
| TC 238<br>ISO/FDIS<br>16559         | Solid biofuels<br>Solid biofuels — Vocabulary<br><br>(Revision of ISO 16559:2014)  | 2021-10-29 | ISO/IEC PRF<br>TS 23884              | Information technology — Computer graphics, image processing and environmental data representation — Material property and parameter representation for model-based haptic simulation of objects in virtual, mixed and augmented reality (VR/MAR) |            |
| TC 249<br>ISO/FDIS<br>23419         | Traditional Chinese medicine<br>Traditional Chinese medicine — General requirements for manufacturing procedures and quality assurance of granules                       | 2021-11-01 | ISO/IEC PRF<br>TS 23532-1            | Information security, cybersecurity and privacy protection — Requirements for the competence of IT security testing and evaluation laboratories — Part 1: Evaluation for ISO/IEC 15408  |            |
| TC 255<br>ISO/FDIS<br>24252         | Biogas<br>Biogas systems — Non-household and non-gasification  | 2021-10-29 | ISO/IEC PRF<br>TS 23532-2            | Information security, cybersecurity and privacy protection — Requirements for the competence of IT security testing and evaluation laboratories — Part 2: Testing for ISO/IEC 19790   |            |
| TC 261<br>ISO/ASTM<br>PRF TR 52916  | Additive manufacturing<br>Additive manufacturing for medical — Data — Optimized medical image data   |            | ISO/IEC FDIS<br>27070                | Information technology — Security techniques — Requirements for establishing virtualized roots of trust   | 2021-10-28 |
| TC 269<br>ISO/FDIS<br>12856-1       | Railway applications<br>Railway applications — Polymeric composite sleepers, bearers and transoms — Part 1: Material characteristics<br>(Revision of ISO 12856-1:2014)   | 2021-11-19 | ISO/IEC FDIS<br>14496-12             | Information technology — Coding of audio-visual objects — Part 12: ISO base media file format<br>(Revision of ISO/IEC 14496-12:2020)  | 2021-11-05 |
| ISO/FDIS<br>12856-3                 | Railway applications — Polymeric composite sleepers, bearers and transoms — Part 3: General requirements   | 2021-11-19 |                                      |   |            |
| ISO/FDIS<br>22074-8                 | Railway infrastructure — Rail fastening systems — Part 8: Test method for vertical stiffness   | 2021-11-24 | ISO/IEC<br>23000-22:2019/<br>FDAmD 2 | Information technology — Multimedia application format (MPEG-A) — Part 22: Multi-image application format (MIAF) — Amendment 2: HEVC Advanced HDR profile and other clarifications  | 2021-11-25 |
| ISO/FDIS<br>22480-1                 | Railway applications — Concrete sleepers and bearers for track — Part 1: General requirements  | 2021-11-24 | ISO/IEC FDIS<br>23001-16             | Information technology — MPEG systems technologies — Part 16: Derived visual tracks in the ISO base media file format   | 2021-10-29 |
| ISO/FDIS<br>22480-2                 | Railway applications — Concrete sleepers and bearers for track — Part 2: Prestressed monoblock sleepers  | 2021-11-24 | ISO/IEC FDIS<br>23009-8              | Information technology — Dynamic adaptive streaming over HTTP (DASH) — Part 8: Session-based DASH operations  | 2021-11-16 |
| TC 292<br>ISO/PRF TS<br>22317       | Security and resilience<br>Security and resilience — Business continuity management systems — Guidelines for business impact analysis<br>(Revision of ISO/TS 22317:2015) |            | ISO/IEC FDIS<br>15961-1              | Information technology — Data protocol for radio frequency identification (RFID) for item management — Part 1: Application interface<br>(Revision of ISO/IEC 15961-1:2013)  | 2021-11-01 |
| JTC 1<br>ISO/IEC/IEEE<br>FDIS 14764 | Information technology<br>Software engineering — Software life cycle processes — Maintenance<br><br>(Revision of ISO/IEC 14764:2006)                                     | 2021-11-02 | ISO/IEC FDIS<br>15962                | Information technology — Radio frequency identification (RFID) for item management — Data protocol: data encoding rules and logical memory functions<br>(Revision of ISO/IEC 15962:2013)  | 2021-11-12 |
| ISO/IEC PRF<br>15909-3              | Systems and software engineering — High-level petri nets — Part 3: Extensions and structuring mechanisms   |            | ISO/IEC PRF<br>29140                 | Information technology for learning, education and training — Nomadicity and mobile technologies<br>(Revision of ISO/IEC TS 29140:2020)   |            |
| ISO/IEC/IEEE<br>PRF 29119-1         | Software and systems engineering — Software testing — Part 1: General concepts<br>(Revision of ISO/IEC/IEEE 29119-1:2013)  |            |                                      |   |            |

|                       |  |  |                     |    |   |   |
|-----------------------|--|--|---------------------|----|---|---|
| ISO/IEC TS<br>30105-6 |  | Information technology — IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 6: Guidelines on risk management | ISO<br>23020:2021   | en | Space systems — Determination of test methods to characterize material or component properties required for break-up models used for Earth re-entry | C |
| ISO/IEC TR<br>24027   |  | Information technology — Artificial intelligence (AI) — Bias in AI systems and AI aided decision making  | ISO<br>23129:2021   | en | Space systems — Thermal control coatings for spacecraft — Atomic oxygen protective coatings on polyimide film                                       | D |
|                       |  |  | ISO<br>23670:2021   | en | Space systems — Vibration testing   | E |
|                       |  |  | ISO<br>23629-7:2021 | en | UAS traffic management (UTM) — Part 7: Data model for spatial data  | D |

## Standards published

New International Standards published between 01 September and 01 October 2021

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

<sup>2</sup> corrected version

<sup>3</sup> multilingual document

|                           |          |   | Price group |                           |          |  |    |
|---------------------------|----------|---|-------------|---------------------------|----------|--|----|
| PC 325                    |          | Sex toys - Design and safety requirements for products in direct contact with genitalia, the anus, or both                      |             | ISO<br>15765-5:2021       | en       | Road vehicles — Diagnostic communication over Controller Area Network (DoCAN) — Part 5: Specification for an in-vehicle network connected to the diagnostic link connector   | C  |
| ISO 3533:2021             | en<br>fr | Sex toys — Design and safety requirements for products in direct contact with genitalia, the anus, or both                      | C           | ISO 4138:2021             | en       | Passenger cars — Steady-state circular driving behaviour — Open-loop test methods  | D  |
| TC 1                      |          | Screw threads   |             | ISO<br>13837:2021         | en       | Road vehicles — Safety glazing materials — Method for the determination of solar transmittance   | B  |
| ISO 965-1:2013/Amd 1:2021 | en<br>fr | ISO general purpose metric screw threads — Tolerances — Part 1: Principles and basic data — Amendment 1                         | XZ          | ISO/TS<br>13396:2021      | en       | Road vehicles — Sled test method to enable the evaluation of side impact protection of child restraint systems — Essential parameters  | D  |
| TC 4                      |          | Rolling bearings  |             | ISO<br>23274-2:2021       | en       | Hybrid-electric road vehicles — Exhaust emissions and fuel consumption measurements — Part 2: Externally chargeable vehicles   | C  |
| ISO 20515:2021            | en<br>fr | Rolling bearings — Radial bearings, retaining slots — Dimensions, geometrical product specifications (GPS) and tolerance values | B           | ISO 2575:2021             | en       | Road vehicles — Symbols for controls, indicators and tell-tales  | G  |
| TC 8                      |          | Ships and marine technology   |             | TC 23                     |          | Tractors and machinery for agriculture and forestry  |    |
| ISO 24136:2021            | en       | Ships and marine technology — Pilot ladder winch reels  | B           | ISO 6689:2021             | en<br>fr | Equipment for harvesting — Combine harvesters and functional components — Vocabulary   | A  |
| ISO 23323:2021            | en<br>fr | Ships and marine technology — Specification for software-based planned maintenance systems                                      | B           | TC 28                     |          | Petroleum and related products, fuels and lubricants from natural or synthetic sources   |    |
| ISO 23446:2021            | en       | Marine technology — Product water quality of seawater reverse osmosis (RO) desalination — Guidelines for municipal water supply | A           | ISO 20884:2019/Amd 1:2021 | en<br>fr | Petroleum products — Determination of sulfur content of automotive fuels — Wavelength-dispersive X-ray fluorescence spectrometry — Amendment 1: Addition of the SSD detector to the Monochromatic excitation part of Table 1 | XZ |
| TC 20                     |          | Aircraft and space vehicles   |             | TC 31                     |          | Tyres, rims and valves   |    |
| ISO 8153-2:2021           |          | Aerospace fluid systems and components — Vocabulary — Part 2: Fittings and couplings  | A           | ISO 19447:2021            | en<br>fr | Passenger car tyres — Method for measuring ice grip performance — Loaded new tyres   | D  |
|                           |          |   |             | TC 33                     |          | Refractories   |    |
|                           |          |   |             | ISO 8840:2021             | en       | Refractory materials — Determination of bulk density of granular materials (grain density)   | C  |

|                                  |          |   |    |                                  |          |   |    |
|----------------------------------|----------|---|----|----------------------------------|----------|---|----|
| ISO<br>13765-7:2021              | en       | Refractory mortars — Part 7: Determination of permanent change in dimensions on heating   | B  | ISO 2929:2021                    | en       | Rubber hoses and hose assemblies for bulk fuel delivery by truck — Specification  | C  |
| <hr/>                            |          |   |    | <hr/>                            |          |   |    |
| TC 34                            |          | Food products   |    | ISO<br>13775-1:2021              | en       | Thermoplastic tubing and hoses for automotive use — Part 1: Non-fuel applications   | C  |
| ISO<br>23970:2021                | en<br>fr | Milk, milk products and infant formula — Determination of melamine and cyanuric acid by liquid chromatography and tandem mass spectrometry (LC-MS/MS) | C  | ISO 6450:2021                    | en<br>fr | Rubber- or plastics-coated fabrics — Determination of resistance to liquids   | B  |
| ISO<br>23722:2021                | en<br>fr | Meat and meat products — Vocabulary   | A  | ISO<br>22941:2021                | en       | Rubber sheets for livestock — Dairy cattle — Specification  | B  |
| ISO<br>23781:2021                | en<br>fr | Operating procedures of pig slaughtering  | B  | <hr/>                            |          |   |    |
| ISO<br>23854:2021                | en<br>fr | Fermented meat products — Specification   | B  | TC 54                            |          | Essential oils  |    |
|                                  |          |   |    | ISO/TS<br>24106:2021             | en<br>fr | Essential oils — Name harmonization of components   | B  |
|                                  |          |   |    | <hr/>                            |          |   |    |
|                                  |          |   |    | TC 59                            |          | Buildings and civil engineering works   |    |
| ISO<br>23855:2021                | en       | Frozen surimi — Specification   | B  | ISO<br>21265:2021                | en<br>fr | Building and civil engineering sealants — Assessment of the fungal growth on sealant surfaces   | B  |
| ISO<br>11132:2021                | en<br>fr | Sensory analysis — Methodology — Guidelines for the measurement of the performance of a quantitative descriptive sensory panel                        | D  | <hr/>                            |          |   |    |
| TC 37                            |          | Language and terminology  |    | TC 67                            |          | Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries  |    |
| ISO<br>12616-1:2021              | en<br>fr | Terminology work in support of multilingual communication — Part 1: Fundamentals of translation-oriented terminography                                | E  | ISO<br>18797-2:2021              | en       | Petroleum, petrochemical and natural gas industries — External corrosion protection of risers by coatings and linings — Part 2: Maintenance and field repair coatings for riser pipes | G  |
| TC 41                            |          | Pulleys and belts (including veebelts)  |    | <hr/>                            |          |   |    |
| ISO 9982:2021                    | en       | Belt drives — Pulleys and V-ribbed belts for industrial applications — PH, PJ, PK, PL and PM profiles: dimensions                                     | C  | TC 68                            |          | Financial services  |    |
|                                  |          |   |    | ISO<br>24165-1:2021              | en       | Digital token identifier (DTI) — Registration, assignment and structure — Part 1: Method for registration and assignment  | B  |
| TC 43                            |          | Acoustics   |    | ISO<br>24165-2:2021              | en       | Digital token identifier (DTI) — Registration, assignment and structure — Part 2: Data elements for registration  | C  |
| ISO 3381:2021                    | en<br>fr | Railway applications — Acoustics — Noise measurement inside railbound vehicles  | F  | <hr/>                            |          |   |    |
| ISO/TS<br>19488:2021             | fr       | Acoustics — Acoustic classification of dwellings  | C  | TC 69                            |          | Applications of statistical methods   |    |
| ISO<br>23591:2021                | en<br>fr | Acoustic quality criteria for music rehearsal rooms and spaces  | E  | ISO<br>7870-4:2021               | en       | Control charts — Part 4: Cumulative sum charts  | F  |
| TC 44                            |          | Welding and allied processes  |    | <hr/>                            |          |   |    |
| ISO 2553:2019                    | en<br>fr | Welding and allied processes — Symbolic representation on drawings — Welded joints  | G  | TC 94                            |          | Personal safety -- Personal protective equipment  |    |
| ISO<br>3834-1:2021               | en<br>fr | Quality requirements for fusion welding of metallic materials — Part 1: Criteria for the selection of the appropriate level of quality requirements   | A  | ISO<br>15384:2018/<br>Amd 1:2021 | en<br>fr | Protective clothing for firefighters — Laboratory test methods and performance requirements for wildland firefighting clothing — Amendment 1  | XZ |
| ISO<br>13918:2017/<br>Amd 1:2021 | en<br>fr | Welding — Studs and ceramic ferrules for arc stud welding — Amendment 1   | XZ | TC 106                           |          | Dentistry   |    |
| TC 45                            |          | Rubber and rubber products  |    | ISO 6877:2021                    | en<br>fr | Dentistry — Endodontic obturating materials   | C  |
|                                  |          |   |    | <hr/>                            |          |   |    |
|                                  |          |   |    | TC 107                           |          | Metallic and other inorganic coatings   |    |
|                                  |          |   |    | ISO<br>14922:2021                | en<br>fr | Thermal spraying — Quality requirements for manufacturers of thermal sprayed coatings   | D  |

|                                 |          |  |    |                         |          |  |   |
|---------------------------------|----------|--|----|-------------------------|----------|--|---|
| TC 108                          |          | Mechanical vibration, shock and condition monitoring   |    | ISO 24095:2021          | en<br>fr | Workplace air — Guidance for the measurement of respirable crystalline silica  | F |
| ISO 10819:2013/<br>Amd 2:2021   | fr       | Mechanical vibration and shock — Hand-arm vibration — Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand — Amendment 2 | XZ | TC 150                  |          | Implants for surgery   |   |
| ISO 18436-6:2021                | en       | Condition monitoring and diagnostics of machines — Requirements for certification of personnel — Part 6: Acoustic emission   | B  | ISO 13179-1:2021        | en<br>fr | Implants for surgery — Coatings on metallic surgical implants — Part 1: Plasma-sprayed coatings derived from titanium or titanium-6 aluminum-4 vanadium alloy powders        | A |
| TC 113                          |          | Hydrometry   |    | ISO/TS 17137:2021       | en       | Cardiovascular implants and extracorporeal systems — Cardiovascular absorbable implants  | F |
| ISO 23350:2021                  | en       | Hydrometry — Catching-type liquid precipitation measuring gauges   | C  | TC 155                  |          | Nickel and nickel alloys   |   |
| TC 114                          |          | Horology   |    | ISO/TR 4644:2021        | fr       | Nickels, ferronickels and nickel alloys — Standards for the determination of chemical composition  | D |
| IEC 60086-3:2021                |          | Primary batteries — Part 3: Watch batteries  | BN | TC 159                  |          | Ergonomics   |   |
| TC 130                          |          | Graphic technology   |    | ISO 14505-4:2021        | en       | Ergonomics of the thermal environment — Evaluation of thermal environments in vehicles — Part 4: Determination of the equivalent temperature by means of a numerical manikin | F |
| ISO 12642-3:2021                | en       | Graphic technology — Input data for characterization of 4-colour process printing — Part 3: Extended data set including near neutral scale                         | F  | ISO 23456-1:2021        | en       | Dynamic signs in physical environments — Part 1: General requirements  | B |
| ISO 20616-1:2021                | en       | Graphic technology — File format for quality control and metadata — Part 1: Print requirements eXchange (PRX)  | E  | TC 160                  |          | Glass in building  |   |
| TC 131                          |          | Fluid power systems  |    | ISO/TS 21480:2021       | fr       | Glass in building — General technical requirements of building integrated photovoltaic modules recycling   | C |
| ISO/TS 13725:2021               | en<br>fr | Hydraulic fluid power — Method for evaluating the buckling load of a hydraulic cylinder  | D  | TC 163                  |          | Thermal performance and energy use in the built environment  |   |
| TC 134                          |          | Fertilizers, soil conditioners and beneficial substances   |    | ISO 23327:2021          | en       | Hygrothermal performance of building materials and products — Determination of moisture adsorption/desorption properties in response to periodic temperature variation       | B |
| ISO 20620:2021                  | en       | Fertilizers and soil conditioners — Determination of total nitrogen by combustion  | A  | TC 172                  |          | Optics and photonics   |   |
| TC 136                          |          | Furniture  |    | ISO 9211-7:2021         | en<br>fr | Optics and photonics — Optical coatings — Part 7: Minimum requirements for neutral beam splitter coatings  | A |
| ISO 7170:2021                   | en       | Furniture — Storage units — Test methods for the determination of strength, durability and stability   | G  | TC 173                  |          | Assistive products   |   |
| TC 138                          |          | Plastics pipes, fittings and valves for the transport of fluids  |    | ISO 21802:2019          | fr       | Assistive products — Guidelines on cognitive accessibility — Daily time management   | D |
| ISO 9624:2019/<br>Amd 1:2021    | en       | Thermoplastics piping systems for fluids under pressure — Flange adapters and loose backing flanges — Mating dimensions — Amendment 1                              | XZ | TC 182                  |          | Geotechnics  |   |
| ISO 15877-3:2009/<br>Amd 2:2021 | en<br>fr | Plastics piping systems for hot and cold water installations — Chlorinated poly(vinyl chloride) (PVC-C) — Part 3: Fittings — Amendment 2                           | XZ | ISO 22476-4:2021        | en       | Geotechnical investigation and testing — Field testing — Part 4: Prebored pressuremeter test by Ménard procedure   | G |
| TC 142                          |          | Cleaning equipment for air and other gases   |    | TC 184                  |          | Automation systems and integration   |   |
| ISO 29461-1:2021                | en<br>fr | Air intake filter systems for rotary machinery — Test methods — Part 1: Static filter elements   | C  | ISO/IEC TR 63306-2:2021 | en       | Smart manufacturing standards map (SM2) — Part 2: Catalogue  | B |
| TC 146                          |          | Air quality  |    | ISO 10303-59:2021       | en       | Industrial automation systems and integration — Product data representation and exchange — Part 59: Integrated generic resource: Quality of product shape data               | H |



|                           |          |   |   |                                  |          |   |    |
|---------------------------|----------|---|---|----------------------------------|----------|---|----|
| ISO<br>23247-3:2021       | en       | Automation systems and integration — Digital twin framework for manufacturing — Part 3: Digital representation of manufacturing elements  | D | IEC<br>80001-1:2021              |          | Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software — Part 1: Application of risk management | BD |
| TC 189                    |          | Ceramic tile  |   | TC 216                           |          | Footwear  |    |
| ISO<br>10545-10:2021      | en<br>fr | Ceramic tiles — Part 10: Determination of moisture expansion  | A | ISO/TR<br>16178:2021             | en       | Footwear — Critical substances potentially present in footwear and footwear components — Lists of critical chemical substances                                      | F  |
| TC 190                    |          | Soil quality  |   | ISO<br>19957:2021                | en<br>fr | Footwear — Test methods for heels — Heel pin holding strength   | B  |
| ISO<br>11916-3:2021       | en<br>fr | Soil quality — Determination of selected explosives and related compounds — Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS)                          | D | TC 218                           |          | Timber  |    |
| ISO<br>17924:2018         | en<br>fr | Soil quality — Assessment of human exposure from ingestion of soil and soil material — Procedure for the estimation of the human bioaccessibility/bioavailability of metals in soil | D | ISO<br>24294:2021                | en       | Timber — Round and sawn timber — Vocabulary   | A  |
| TC 204                    |          | Intelligent transport systems   |   | TC 219                           |          | Floor coverings   |    |
| ISO/TR<br>4445:2021       | en       | Intelligent transport systems — Mobility integration — Role model of ITS service application in smart cities  | F | ISO<br>11638:2020                | en<br>fr | Resilient floor coverings — Heterogeneous poly(vinyl chloride) flooring on foam — Specification   | B  |
| ISO/SAE PAS<br>22736:2021 | en       | Taxonomy and definitions for terms related to driving automation systems for on-road motor vehicles   | F | TC 229                           |          | Nanotechnologies  |    |
| TC 205                    |          | Building environment design   |   | ISO/TS<br>23151:2021             | en       | Nanotechnologies — Particle size distribution for cellulose nanocrystals  | E  |
| ISO<br>11855-2:2021       | en<br>fr | Building environment design — Embedded radiant heating and cooling systems — Part 2: Determination of the design heating and cooling capacity                                       | G | TC 262                           |          | Risk management   |    |
| ISO/TS<br>23764:2021      | en       | Methodology for achieving non-residential zero-energy buildings (ZEBs)  | F | ISO<br>31030:2021                | en<br>fr | Travel risk management — Guidance for organizations   | F  |
| TC 207                    |          | Environmental management  |   | TC 269                           |          | Railway applications  |    |
| ISO<br>14030-1:2021       | en<br>fr | Environmental performance evaluation — Green debt instruments — Part 1: Process for green bonds   | C | ISO<br>23300-1:2021              | fr       | Railway infrastructure — Rail welding — Part 1: General requirements and test methods for rail welding  | F  |
| ISO<br>14030-2:2021       | en<br>fr | Environmental performance evaluation — Green debt instruments — Part 2: Process for green loans   | C | ISO<br>22749-1:2021              | en<br>fr | Railway applications — Suspension components — Part 1: Characteristics and test methods for elastomer-mechanical parts  | F  |
| ISO<br>14030-4:2021       | en<br>fr | Environmental performance evaluation — Green debt instruments — Part 4: Verification programme requirements   | B | TC 276                           |          | Biotechnology   |    |
| TC 210                    |          | Quality management and corresponding general aspects for medical devices  |   | ISO<br>21709:2020/<br>Amd 1:2021 | en       | Biotechnology — Biobanking — Process and quality requirements for establishment, maintenance and characterization of mammalian cell lines — Amendment 1             | XZ |
| ISO<br>15223-1:2021       | fr       | Medical devices — Symbols to be used with information to be supplied by the manufacturer — Part 1: General requirements   | F | ISO/TS<br>23565:2021             | en       | Biotechnology — Bioprocessing — General requirements and considerations for equipment systems used in the manufacturing of cells for therapeutic use                | C  |
| TC 213                    |          | Dimensional and geometrical product specifications and verification   |   | TC 281                           |          | Fine bubble technology  |    |
| ISO<br>10360-13:2021      | en<br>fr | Geometrical product specifications (GPS) — Acceptance and reverification tests for coordinate measuring systems (CMS) — Part 13: Optical 3D CMS                                     | G | ISO<br>20480-3:2021              | en       | Fine bubble technology — General principles for usage and measurement of fine bubbles — Part 3: Methods for generating fine bubbles                                 | C  |
| TC 215                    |          | Health informatics  |   | ISO<br>24261-2:2021              | en       | Fine bubble technology — Elimination method for sample characterization — Part 2: Fine bubble elimination techniques  | B  |
|                           |          |   |   | TC 301                           |          | Energy management and energy savings  |    |
|                           |          |   |   | ISO<br>50005:2021                | en<br>fr | Energy management systems — Guidelines for a phased implementation  | F  |

|                                      |          |   |  |   |                                  |    |   |  |    |
|--------------------------------------|----------|---|--|---|----------------------------------|----|---|--|----|
| TC 309                               |          | Governance of organizations   |  |   |                                  |    |   |  |    |
| ISO 37000:2021                       | en       | Governance of organizations — Guidance  |  | F | ISO/IEC 15444-16:2021            | en | Information technology — JPEG 2000 image coding system — Part 16: Encapsulation of JPEG 2000 images into ISO/IEC 23008-12   |  | B  |
| CASCO                                |          | Committee on conformity assessment  |  |   | ISO/IEC 23001-10:2020/Amd 1:2021 | en | 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 |  | XZ |
| ISO/IEC 17030:2021                   | en<br>fr | Conformity assessment — General requirements for third-party marks of conformity  |  | B | ISO/IEC 22603-1:2021             | en | Information technology — Digital representation of product information — Part 1: General requirements   |  | A  |
| ISO/IEC 17067:2013                   | fr       | Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes  |  | C | ISO/IEC 19075-2:2021             | en | Information technology — Guidance for the use of database language SQL — Part 2: Time-related information   |  | E  |
| JTC 1                                |          | Information technology  |  |   | ISO/IEC 19075-3:2021             | en | Information technology — Guidance for the use of database language SQL — Part 3: SQL embedded in programs using the Java™ programming language  |  | D  |
| ISO/IEC/IEEE 8802-1Q:2020/Amd 2:2021 | en       | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1Q: Bridges and bridged networks — Amendment 2: YANG data model   |  | B | ISO/IEC 19075-4:2021             | en | Information technology — Guidance for the use of database language SQL — Part 4: Routines and types using the Java™ programming language  |  | F  |
| ISO/IEC/IEEE 8802-1Q:2020/Amd 3:2021 | en       | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1Q: Bridges and bridged networks — Amendment 3: Virtual station interface (VSI) discovery and configuration protocol (VDP) extension to support network virtualization overlays over layer 3 (NVO3) |  | B | ISO/IEC 19075-5:2021             | en | Information technology — Guidance for the use of database language SQL — Part 5: Row pattern recognition  |  | G  |
| ISO/IEC/IEEE 8802-1AX:2021           | en       | Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks — Part 1AX: Link aggregation   |  | H | ISO/IEC 19075-6:2021             | en | Information technology — Guidance for the use of database language SQL — Part 6: Support for JSON   |  | H  |
| ISO/IEC 24773-3:2021                 | en       | Software and systems engineering — Certification of software and systems engineering professionals — Part 3: Systems engineering  |  | B | ISO/IEC 19075-7:2021             | en | Information technology — Guidance for the use of database language SQL — Part 7: Polymorphic table functions  |  | H  |
| ISO/IEC 18013-5:2021                 | en       | Personal identification — ISO-compliant driving licence — Part 5: Mobile driving licence (mDL) application  |  | H | ISO/IEC 19075-8:2021             | en | Information technology — Guidance for the use of database language SQL — Part 8: Multidimensional arrays  |  | G  |
| ISO/IEC 18745-2:2021                 | en       | Test methods for machine readable travel documents (MRTD) and associated devices — Part 2: Test methods for the contactless interface   |  | E | ISO/IEC 19763-16:2021            | en | Information technology — Metamodel framework for interoperability (MFI) — Part 16: Metamodel for document model registration  |  | G  |
| ISO/IEC 18014-2:2021                 | en       | Information security — Time-stamping services — Part 2: Mechanisms producing independent tokens   |  | D | ISO/IEC 21823-3:2021             | en | Internet of things (IoT) — Interoperability for IoT systems — Part 3: Semantic interoperability   |  | E  |
| ISO/IEC 18033-1:2021                 | en       | Information security — Encryption algorithms — Part 1: General  |  | C |                                  |    |   |  |    |
| ISO/IEC 27036-1:2021                 | en       | Cybersecurity — Supplier relationships — Part 1: Overview and concepts  |  | B |                                  |    |   |  |    |
| ISO/IEC 27551:2021                   | en       | Information security, cybersecurity and privacy protection — Requirements for attribute-based unlinkable entity authentication  |  | E |                                  |    |   |  |    |
| ISO/IEC 10918-7:2021                 | en       | Information technology — Digital compression and coding of continuous-tone still images — Part 7: Reference software  |  | C |                                  |    |   |  |    |

## Standards confirmed

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

|                 |                  |
|-----------------|------------------|
| TC 1            | Screw threads    |
| ISO 1502:1996   | (reconfirmed)    |
| TC 4            | Rolling bearings |
| ISO 1132-2:2001 | (reconfirmed)    |

|                  |   |                  |                               |
|------------------|---|------------------|-------------------------------|
| TC 6             | Paper, board and pulps                              | ISO/TS           |                               |
| ISO 216:2007     | (reconfirmed)                                       | 19046-1:2017     |                               |
| ISO 5264-2:2011  | (reconfirmed)                                       | ISO/TS           |                               |
| ISO 8254-2:2016  |   | 19046-2:2017     |                               |
| ISO 8254-3:2016  |   | ISO 7516:1984    | (reconfirmed)                 |
| ISO 3039:2010    | (reconfirmed)                                       | ISO 9768:1994    | (reconfirmed)                 |
| ISO 12625-8:2010 | (reconfirmed)                                       | ISO 9884-1:1994  | (reconfirmed)                 |
| ISO 16260:2016   |   | ISO 9884-2:1999  | (reconfirmed)                 |
| TC 8             | Ships and marine technology                         | ISO 15598:1999   | (reconfirmed)                 |
| ISO 24409-2:2014 |   | ISO 16140-1:2016 |                               |
| ISO 13073-3:2016 |   | ISO 16140-2:2016 |                               |
| TC 17            | Steel   | ISO 20838:2006   | (reconfirmed)                 |
| ISO 4942:2016    |   | ISO 21871:2006   | (reconfirmed)                 |
| ISO 683-1:2016   |   | TC 37            | Language and terminology      |
| ISO 683-2:2016   |   | ISO 639-2:1998   | (reconfirmed)                 |
| ISO 4955:2016    |   | ISO 639-3:2007   | (reconfirmed)                 |
| ISO 6931-1:2016  |   | ISO 1951:2007    | (reconfirmed)                 |
| ISO 7900:2006    | (reconfirmed)                                       | ISO 12199:2000   | (reconfirmed)                 |
| ISO 7989-1:2006  | (reconfirmed)                                       | TC 38            | Textiles                      |
| ISO 17745:2016   |   | ISO 3998:1977    | (reconfirmed)                 |
| ISO 17746:2016   |   | ISO 4915:1991    | (reconfirmed)                 |
| ISO 22034-2:2016 |   | ISO 12952-1:2010 | (reconfirmed)                 |
| TC 20            | Aircraft and space vehicles                         | ISO 12952-2:2010 | (reconfirmed)                 |
| ISO 5878:1982    | (reconfirmed)                                       | ISO 18254-1:2016 |                               |
| TC 22            | Road vehicles                                       | ISO 105-D02:2016 |                               |
| ISO 3917:2016    |   | ISO 105-G01:2016 |                               |
| ISO 5898:1997    | (reconfirmed)                                       | ISO 105-G04:2016 |                               |
| ISO 6255:1997    | (reconfirmed)                                       | ISO 105-X12:2016 |                               |
| ISO 7397-1:1993  | (reconfirmed)                                       | ISO 105-X16:2016 |                               |
| ISO 7397-2:1993  | (reconfirmed)                                       | ISO 3572:1976    | (reconfirmed)                 |
| ISO 23013:2016   |   | ISO 8498:1990    | (reconfirmed)                 |
| TC 23            | Tractors and machinery for agriculture and forestry | ISO 9354:1989    | (reconfirmed)                 |
| ISO 11783-9:2012 | (reconfirmed)                                       | TC 39            | Machine tools                 |
| ISO 14223-2:2010 | (reconfirmed)                                       | ISO 3371:1975    | (reconfirmed)                 |
| TC 24            | Particle characterization including sieving         | ISO 8526-1:1990  | (reconfirmed)                 |
| ISO 15901-1:2016 |   | ISO 8526-2:1990  | (reconfirmed)                 |
| ISO 20998-1:2006 | (reconfirmed)                                       | ISO 29262:2011   | (reconfirmed)                 |
| ISO 9044:2016    |   | ISO 3190:1975    | (reconfirmed)                 |
| TC 29            | Small tools   | ISO 5734:1986    | (reconfirmed)                 |
| ISO/TS           | (reconfirmed)                                       | ISO 8956:1986    | (reconfirmed)                 |
| 13399-201:2014   |   | TC 44            | Welding and allied processes  |
| TC 33            | Refractories  | ISO 10656:2016   |                               |
| ISO 1893:2007    | (reconfirmed)                                       | ISO 15614-8:2016 |                               |
| ISO 5022:1979    | (reconfirmed)                                       | ISO 17662:2016   |                               |
| ISO 8894-2:2007  | (reconfirmed)                                       | TC 46            | Information and documentation |
| ISO 10080:1990   | (reconfirmed)                                       | ISO 11940-2:2007 | (reconfirmed)                 |
| ISO 16282:2007   | (reconfirmed)                                       | TC 48            | Laboratory equipment          |
| ISO 18886:2016   |   | ISO 4799:1978    | (reconfirmed)                 |
| TC 34            | Food products                                       | TC 54            | Essential oils                |
| ISO 10632:2000   | (reconfirmed)                                       | ISO 8432:1987    | (reconfirmed)                 |
| ISO 3976:2006    | (reconfirmed)                                       | ISO 17382:2007   | (reconfirmed)                 |
| ISO 8968-4:2016  |   | TC 58            | Gas cylinders                 |
| ISO 9874:2006    | (reconfirmed)                                       | ISO 11625:2007   | (reconfirmed)                 |
| ISO 11870:2009   | (reconfirmed)                                       | ISO 16148:2016   |                               |
|                  |   | TC 60            | Gears                         |
|                  |   | ISO 14635-2:2004 | (reconfirmed)                 |

|                  |  |                  |   |
|------------------|--|------------------|---|
| TC 61            | Plastics   | ISO 9151:2016    |   |
| ISO 2115:1996    | (reconfirmed)  | ISO 14460:1999   | (reconfirmed)   |
| ISO 4581:1994    | (reconfirmed)  | ISO 15025:2016   |   |
| ISO 1209-1:2007  | (reconfirmed)  | ISO 17493:2016   |   |
| ISO 1209-2:2007  | (reconfirmed)  | ISO 11999-9:2016 |   |
| ISO 4590:2016    |  | TC 102           | Iron ore and direct reduced iron  |
| ISO 8873-1:2006  | (reconfirmed)  | ISO 3084:1998    | (reconfirmed)   |
| ISO 8873-2:2007  | (reconfirmed)  | ISO 16878:2016   |   |
| ISO 20392:2007   | (reconfirmed)  | TC 106           | Dentistry   |
| ISO 20393:2007   | (reconfirmed)  | ISO 3107:2011    | (reconfirmed)   |
| ISO 20394:2007   | (reconfirmed)  | ISO 6874:2015    |   |
| ISO 2535:2001    | (reconfirmed)  | ISO/TS           |   |
| ISO 3673-1:1996  | (reconfirmed)  | 16506:2017       |   |
| ISO 4615:1979    | (reconfirmed)  | ISO 2157:2016    |   |
| ISO 4901:2011    | (reconfirmed)  | ISO 7787-1:2016  |   |
| ISO 9702:1996    | (reconfirmed)  | ISO 18556:2016   |   |
| ISO 14899:2001   | (reconfirmed)  | TC 107           | Metallic and other inorganic coatings   |
| ISO 15063:2011   | (reconfirmed)  | ISO 4525:2003    | (reconfirmed)   |
| TC 63            | Glass containers   | ISO 4526:2004    | (reconfirmed)   |
| ISO 7348:1992    | (reconfirmed)  | ISO 4527:2003    | (reconfirmed)   |
| ISO 9100-4:2005  | (reconfirmed)  | ISO 12683:2004   | (reconfirmed)   |
| ISO 9100-8:2005  | (reconfirmed)  | ISO 15726:2009   | (reconfirmed)   |
| ISO 9100-9:2005  | (reconfirmed)  | TC 108           | Mechanical vibration, shock and condition monitoring                                      |
| TC 67            | Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries   | ISO 2631-1:1997  | (reconfirmed)   |
| ISO 17945:2015   |  | ISO 5349-1:2001  | (reconfirmed)   |
| ISO 21809-4:2009 | (reconfirmed)  | ISO 5349-2:2001  | (reconfirmed)   |
| ISO/TR           |  | ISO 5344:2004    | (reconfirmed)   |
| 17177:2015       |  | ISO 15261:2004   | (reconfirmed)   |
| TC 69            | Applications of statistical methods  | TC 114           | Horology  |
| ISO 2602:1980    | (reconfirmed)  | ISO 1413:2016    |   |
| ISO 2854:1976    | (reconfirmed)  | TC 119           | Powder metallurgy   |
| ISO 3301:1975    | (reconfirmed)  | ISO 3953:2011    | (reconfirmed)   |
| ISO 3494:1976    | (reconfirmed)  | ISO 3954:2007    | (reconfirmed)   |
| ISO 11453:1996   | (reconfirmed)  | TC 127           | Earth-moving machinery  |
| TC 70            | Internal combustion engines  | ISO 5005:1977    | (reconfirmed)   |
| ISO 8528-8:2016  |  | ISO 6485:1980    | (reconfirmed)   |
| ISO 8528-13:2016 |  | ISO 7451:2007    | (reconfirmed)   |
| TC 72            | Textile machinery and accessories  | ISO 7131:2009    | (reconfirmed)   |
| ISO 9904:2000    | (reconfirmed)  | ISO 7132:2003    | (reconfirmed)   |
| ISO 11111-1:2016 |  | ISO 8812:2016    |   |
| TC 76            | Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use | TC 130           | Graphic technology  |
| ISO 11418-7:2016 |  | ISO 12641-1:2016 |   |
| TC 79            | Light metals and their alloys  | ISO 17972-2:2016 |   |
| ISO 18762:2016   |  | ISO 18620:2016   |   |
| TC 89            | Wood-based panels  | ISO 19445:2016   |   |
| ISO 2074:2007    | (reconfirmed)  | TC 131           | Fluid power systems   |
| ISO 12465:2007   | (reconfirmed)  | ISO 19973-3:2015 |   |
| TC 92            | Fire safety  | ISO 12151-6:2009 | (reconfirmed)   |
| ISO 834-8:2002   | (reconfirmed)  | TC 133           | Clothing sizing systems - size designation, size measurement methods and digital fittings |
| ISO 3008-3:2016  |  | ISO 18163:2016   |   |
| TC 94            | Personal safety -- Personal protective equipment   | ISO 18831:2016   |   |
|                  |  | TC 134           | Fertilizers, soil conditioners and beneficial substances                                  |

|                  |   |                  |   |
|------------------|---|------------------|---|
| ISO 14820-1:2016 |   | TC 168           | Prosthetics and orthotics                           |
| ISO 14820-2:2016 |   | ISO 29783-3:2016 |   |
| ISO 15604:2016   |   | TC 170           | Surgical instruments                                |
| ISO 18644:2016   |   | ISO 7740:1985    | (reconfirmed)                                       |
| ISO 25475:2016   |   | ISO 13402:1995   | (reconfirmed)                                       |
| ISO 25705:2016   |   | TC 171           | Document management applications                    |
| TC 135           | Non-destructive testing   | ISO 29861:2009   | (reconfirmed)                                       |
| ISO 16526-1:2011 | (reconfirmed)   | ISO 14739-1:2014 |   |
| ISO 16526-2:2011 | (reconfirmed)   | TC 172           | Optics and photonics                                |
| ISO 16526-3:2011 | (reconfirmed)   | ISO 9039:2008    | (reconfirmed)                                       |
| TC 136           | Furniture   | ISO 9385:1990    | (reconfirmed)                                       |
| ISO 21015:2007   | (reconfirmed)   | ISO 9689:1990    | (reconfirmed)                                       |
| TC 138           | Plastics pipes, fittings and valves for the transport of fluids | ISO 11455:1995   | (reconfirmed)                                       |
| ISO/TS           |   | ISO 12844:1999   | (reconfirmed)                                       |
| 15874-7:2018     |   | ISO 8576:1996    | (reconfirmed)                                       |
| ISO/TS           |   | ISO 21254-1:2011 | (reconfirmed)                                       |
| 15875-7:2018     |   | TC 173           | Assistive products                                  |
| ISO/TS           |   | ISO 23600:2007   | (reconfirmed)                                       |
| 15876-7:2018     |   | ISO 24415-1:2009 | (reconfirmed)                                       |
| ISO/TS           |   | ISO 7176-9:2009  | (reconfirmed)                                       |
| 15877-7:2018     |   | ISO 19026:2015   |   |
| ISO/TS           |   | TC 178           | Lifts, escalators and moving walks                  |
| 22391-7:2018     |   | ISO 7465:2007    | (reconfirmed)                                       |
| TC 146           | Air quality   | TC 183           | Copper, lead, zinc and nickel ores and concentrates |
| ISO 16702:2007   | (reconfirmed)   | ISO 13543:2016   |   |
| ISO 28439:2011   | (reconfirmed)   | TC 188           | Small craft   |
| ISO 16000-8:2007 | (reconfirmed)   | ISO 13342:1995   | (reconfirmed)                                       |
| TC 147           | Water quality   | TC 190           | Soil quality  |
| ISO 7027-1:2016  |   | ISO 11275:2004   | (reconfirmed)                                       |
| ISO 17943:2016   |   | ISO 16586:2003   | (reconfirmed)                                       |
| ISO 18635:2016   |   | ISO 17312:2005   | (reconfirmed)                                       |
| ISO 5667-4:2016  |   | ISO 17313:2004   | (reconfirmed)                                       |
| ISO 5667-24:2016 |   | ISO 17183:2016   |   |
| TC 150           | Implants for surgery  | TC 192           | Gas turbines  |
| ISO 7206-2:2011  | (reconfirmed)   | ISO 19859:2016   |   |
| ISO 7206-13:2016 |   | TC 199           | Safety of machinery                                 |
| ISO 7207-1:2007  | (reconfirmed)   | ISO 14122-1:2016 |   |
| ISO 17853:2011   | (reconfirmed)   | ISO 14122-2:2016 |   |
| ISO 21534:2007   | (reconfirmed)   | ISO 14122-3:2016 |   |
| ISO 12189:2008   | (reconfirmed)   | ISO 14122-4:2016 |   |
| TC 153           | Valves  | ISO 29042-8:2011 | (reconfirmed)                                       |
| ISO 7121:2016    |   | ISO 29042-9:2011 | (reconfirmed)                                       |
| TC 155           | Nickel and nickel alloys  | TC 206           | Fine ceramics                                       |
| ISO 8049:2016    |   | ISO 14704:2016   |   |
| ISO 8050:1988    | (reconfirmed)   | ISO 17561:2016   |   |
| TC 156           | Corrosion of metals and alloys                                  | ISO 17562:2016   |   |
| ISO 7539-8:2000  | (reconfirmed)   | ISO 19604:2018   |   |
| TC 159           | Ergonomics  | ISO 19635:2016   |   |
| ISO              |   | TC 207           | Environmental management                            |
| 9241-161:2016    |   | ISO 14004:2016   |   |
| TC 161           | Controls and protective devices for gas and/or oil              | TC 211           | Geographic information/Geomatics                    |
| ISO 23551-1:2012 |   | ISO 19134:2007   | (reconfirmed)                                       |
| TC 163           | Thermal performance and energy use in the built environment     | ISO 19137:2007   | (reconfirmed)                                       |
| ISO 16957:2016   |   |                  |   |

|                          |   |
|--------------------------|---|
| ISO/TS<br>19159-3:2018   |   |
| TC 213                   | Dimensional and geometrical product specifications and verification |
| ISO 3040:2016            |   |
| ISO 10360-3:2000         | (reconfirmed)   |
| ISO 12180-1:2011         | (reconfirmed)   |
| ISO 12180-2:2011         | (reconfirmed)   |
| ISO 12181-1:2011         | (reconfirmed)   |
| ISO 12181-2:2011         | (reconfirmed)   |
| ISO 12780-1:2011         | (reconfirmed)   |
| ISO 12780-2:2011         | (reconfirmed)   |
| ISO 12781-1:2011         | (reconfirmed)   |
| ISO 12781-2:2011         | (reconfirmed)   |
| ISO 17450-3:2016         |   |
| ISO 25178-1:2016         |   |
| ISO 25378:2011           | (reconfirmed)   |
| TC 219                   | Floor coverings   |
| ISO 26986:2010           | (reconfirmed)   |
| TC 220                   | Cryogenic vessels   |
| ISO 21013-3:2016         |   |
| TC 229                   | Nanotechnologies  |
| ISO 10801:2010           | (reconfirmed)   |
| ISO 10808:2010           | (reconfirmed)   |
| ISO 29701:2010           | (reconfirmed)   |
| TC 260                   | Human resource management   |
| ISO/TS<br>30410:2018     |   |
| TMBG                     | Technical Management Board - groups                                 |
| ISO 13065:2015           |   |
| IULTCS                   | International Union of Leather Technologists and Chemists Societies |
| ISO 2417:2016            |   |
| ISO 2589:2016            |   |
| ISO 3377-2:2016          |   |
| ISO 4047:1977            | (reconfirmed)   |
| ISO 17229:2016           |   |
| ISO 17236:2016           |   |
| ISO 19071:2016           |   |
| JTC 1                    | Information technology  |
| ISO/IEC TS<br>19216:2018 |   |
| ISO/IEC<br>7942-2:1997   | (reconfirmed)   |
| ISO/IEC<br>9592-1:1997   | (reconfirmed)   |
| ISO/IEC<br>9592-2:1997   | (reconfirmed)   |
| ISO/IEC<br>9637-2:1992   | (reconfirmed)   |
| ISO/IEC<br>19776-2:2015  |   |
| ISO/IEC<br>19776-3:2015  |   |
| ISO/IEC<br>14496-16:2011 |   |
| ISO/IEC<br>14496-27:2009 | (reconfirmed)   |

|                            |
|----------------------------|
| ISO/IEC<br>13249-1:2016    |
| ISO/IEC TR<br>29166:2011   |
| ISO/IEC TR<br>30114-1:2016 |
| ISO/IEC TR<br>12785-3:2012 |
| ISO/IEC TR<br>18121:2015   |
| ISO/IEC TR<br>24763:2011   |
| ISO/IEC TR<br>29163-1:2009 |
| ISO/IEC TR<br>29163-2:2009 |
| ISO/IEC TR<br>29163-3:2009 |
| ISO/IEC TR<br>29163-4:2009 |
| ISO/IEC<br>18384-1:2016    |
| ISO/IEC<br>18384-2:2016    |
| ISO/IEC<br>18384-3:2016    |
| ISO/IECTS<br>22237-5:2018  |
| ISO/IECTS<br>22237-7:2018  |
| ISO/IEC<br>30134-2:2016    |
| ISO/IEC<br>30134-3:2016    |

## Standards withdrawn

Period from 01 September to 01 October 2021

|                       |  |
|-----------------------|--|
| TC 22                 | Road vehicles<br>(replaced by ISO/TS 13396:2021)                                   |
| ISO/PAS<br>13396:2009 |  |
| TC 23                 | Tractors and machinery for agriculture and forestry<br>(replaced by ISO 6689:2021) |
| ISO 6689-1:1997       |  |
| TC 37                 | Language and terminology<br>(replaced by ISO 12616-1:2021)                         |
| ISO 12616:2002        |  |
| TC 107                | Metallic and other inorganic coatings<br>(replaced by ISO 14922:2021)              |
| ISO 14922-1:1999      | (replaced by ISO 14922:2021)   |
| ISO 14922-2:1999      | (replaced by ISO 14922:2021)   |
| ISO 14922-3:1999      | (replaced by ISO 14922:2021)   |
| ISO 14922-4:1999      | (replaced by ISO 14922:2021)   |
| TC 218                | Timber<br>(replaced by )   |
| ISO 738:2015          |  |
| ISO 1032:1974         | (replaced by ISO 24294:2021)   |
| CASCO                 | Committee on conformity assessment   |

|                            |  |
|----------------------------|--|
| ISO/IEC Guide<br>23:1982   | (replaced by ISO/IEC 17030:2021)   |
| ISO Guide 27:1983          | (replaced by ISO/IEC 17030:2021)   |
| JTC 1                      | Information technology   |
| ISO/IEC TR<br>15285:1998   | (replaced by )   |
| ISO/IEC TS<br>21544:2018   | (replaced by )   |
| ISO/IEC<br>29124:2010      | (replaced by )   |
| ISO/IEC TR<br>10091:1995   | (replaced by )   |
| ISO/IEC TR<br>13561:1994   | (replaced by )   |
| ISO/IEC TR<br>13841:1995   | (replaced by )   |
| ISO/IEC TR<br>19075-2:2015 | (replaced by ISO/IEC 19075-2:2021)   |
| ISO/IEC TR<br>19075-3:2015 | (replaced by ISO/IEC 19075-3:2021)   |
| ISO/IEC TR<br>19075-4:2015 | (replaced by ISO/IEC 19075-4:2021)   |
| ISO/IEC TR<br>19075-5:2016 | (replaced by ISO/IEC 19075-5:2021)   |
| ISO/IEC TR<br>19075-6:2017 | (replaced by ISO/IEC 19075-6:2021)   |
| ISO/IEC TR<br>19075-7:2017 | (replaced by ISO/IEC 19075-7:2021)   |
| ISO/IEC TR<br>19075-8:2019 | (replaced by ISO/IEC 19075-8:2021)   |
| ISO/IEC<br>13250:2003      | (replaced by ISO/IEC 13250-4:2009, ISO/IEC<br>13250-6:2010, ISO/IEC 13250-5:2015, ISO/IEC<br>13250-2:2006) |
| ISO/IEC TR<br>29127:2011   | (replaced by )   |

---

## Meeting calendar

---

The meeting calendar is available at

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















