# 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 Cen- tral 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 Internation- al Standard (FDIS), the approval criteria remaining the same.

# CD registered

Period from 01 January to 01 February 2023

These documents are currently under consideration in the technical committee.

They have been registered at the Central Secretariat.

## TC 4 Rolling bearings

ISO/CD 7544 Rolling bearings — Test and assessment methods

for cleanliness

## TC 6 Paper, board and pulps

ISO/CD 12507 Paper and Pulp — Deinkability test for printed

paper mixtures containing woodfree printed paper

## TC 8 Ships and marine technology

ISO/CD 15016 Ships and marine technology — Specifications for

the assessment of speed and power performance by analysis of speed trial data

## TC 10 Technical product documentation

ISO/CD 7240-32 Fire detection and fire alarm systems — Part 32:

Non-resettable line-type heat detectors

## TC 22 Road vehicles

ISO/CD 8092-6 Road vehicles — Connections for on-board electri-

cal wiring harnesses — Part 6: In-vehicle Ethernet, general performance requirements and interface definitions

ISO/CD 11451-2 Road vehicles — Vehicle test methods for electrical

disturbances from narrowband radiated electro- magnetic energy — Part 2: Off-vehicle radiation sources

## TC 23 Tractors and machinery for agriculture and forestry

ISO/CD 23285 Agricultural machinery, tractors, and earthmoving

machinery — Safety of electrical and electronic components and systems operating at 32 to 75 VDC and 21 to 50 VAC

## TC 24 Particle characterization including sieving

ISO/CD 19996 Charge conditioning of aerosol particles for

particle characterization and the generation of calibration and test aerosols

## TC 28 Petroleum and related products, fuels and lubricants from natural or synthetic sources

ISO/CD 7745 Hydraulic fluid power — Fire-resistant (FR) fluids

— Requirements and guidelines for use

## TC 29 Small tools

ISO/CD 24437 Superabrasive — Test method of impact tough-

ness index

## TC 34 Food products

ISO/CD 6900 Dried red jujubes — Specification and test

methods

ISO/CD 712-2 Cereals and cereal products — Determination of

moisture content — Part 2: Automatic drying oven method

ISO/CD 1003 Spices and condiments— Ginger (<i>Zingiber of-

ficinale Roscoe</i>) — Whole, pieces and ground

— Specification

ISO/CD 24096-1.2

ISO/CD 24096-2.2

Technical product documentation (TPD) — Classi- fication of requirements — Part 1: Framework

Technical product documentation (TPD) — Clas- sification of requirements — Part 2: Classification based on severity and susceptibility

## TC 37 Language and terminology

ISO/CD 20109 Simultaneous interpreting — Equipment

— Requirements

## TC 38 Textiles

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ISO/CD TS 81346-101 | Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 101: Modelling concepts and guidelines for power supply systems |  | ISO/CD 12834TC 39 | Textiles —Synthetic filament yarns—Determina- tion of dynamic thermal drawing force of partially oriented yarns (POY)Machine tools |
| TC 17 | Steel |  | ISO/CD 6909 | Machine tools Safety — Press brakes |
| ISO/CD 642 | Steel — Hardenability test by end quenching |  | TC 42 | Photography |
| ISO/CD 6934-5 | (Jominy test)Steel for the prestressing of concrete — Part 5: |  | ISO/CD 18937-3.2 | Imaging materials — Methods for measuring indoor light stability of photographic prints — Part |
|  | Hot-rolled steel bars with or without subsequent |  |  | 3: LED lamp exposure |
|  | processing |  | TC 43 | Acoustics |

TC 20 Aircraft and space vehicles

ISO/CD 9621 Space systems — Methods to decide thermal vacu-

um test cycles of recurring production according to precipitation efficiency and reliability

ISO/CD 15964 Detection and Avoidance System for Unmanned

Aircraft Systems

## TC 21 Equipment for fire protection and fire fighting

ISO/CD 1999 Acoustics — Estimation of noise-induced hearing

loss

ISO/CD 16032 Acoustics — Measurement of sound pressure level

from service equipment in buildings — Engineer- ing method

## TC 44 Welding and allied processes

ISO/CD 15614-9 Specification and qualification of welding proce-

dures for metallic materials — Welding procedure test — Part 9: Underwater hyperbaric wet welding

## TC 45 Rubber and rubber products

ISO/CD 1825 Rubber hoses and hose assemblies for aircraft

ground fuelling and defuelling — Specification

ISO/CD 11237 Rubber hoses and hose assemblies — Compact

wire-braid-reinforced hydraulic types for oil-based or water-based fluids — Specification

## TC 46 Information and documentation

ISO/CD 24138.2 Information and documentation — International

ISO/CD 4378-1 Plain bearings — Terms, definitions, classification

and symbols — Part 1: Design, bearing materials and their properties

ISO/CD 4378-2 Plain bearings — Terms, definitions, classification

and symbols — Part 2: Friction and wear

ISO/CD 4378-3 Plain bearings — Terms, definitions, classification

and symbols — Part 3: Lubrication

## TC 130 Graphic technology

Standard Content Code

## TC 48 Laboratory equipment

ISO/CD TS 6417 Microfluidic pumps — Symbols and performance

ISO/CD 12647-2.3

Graphic technology — Process control for the production of half-tone colour separations, proof and production prints — Part 2: Offset lithographic processes

communication

## TC 59 Buildings and civil engineering works

ISO/CD 4931-1 Buildings and civil engineering works — Principles,

framework and guidance for resilience design — Part 1: Adaptation to climate change

## TC 135 Non-destructive testing

ISO/CD 16946 Non-destructive testing — Ultrasonic testing —

Specification for step wedge calibration block

## TC 146 Air quality

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC 61ISO/CD 5659-2TC 67 | PlasticsPlastics — Smoke generation — Part 2: Determina- tion of optical density by a single-chamber testOil and gas industries including lower carbon |  | ISO/DIS16000-11TC 147 | Indoor air — Part 11: Determination of the emis-sion of volatile organic compounds from building products and furnishing — Sampling, storage of samples and preparation of test specimensWater quality |
| ISO/CD 22504 | energyPetroleum and natural gas industries — Pipeline transportation systems — Onshore and offshore pipelines pig traps design requirements |  | ISO/CD 16094-1ISO/CD 16094-2 | Water quality — Analysis of plastics in water — Part 1: General and samplingWater quality — Analysis of plastics in water — Part 2: Method using vibrational spectroscopy |
| TC 71 | Concrete, reinforced concrete and pre- stressed concrete |  | ISO/CD 16094-3 | Water quality — Analysis of plastics in water — Part 3: Thermo-analytical methods for waters with |
| ISO/CD 22040-2 | Life cycle management of concrete structures — |  |  | low content of natural suspended solids |
|  | Part 2: Structural planning and design |  | TC 156 | Corrosion of metals and alloys |
| TC 82 | Mining |  | ISO/CD 9350 | Corrosion of Metals and Alloys — Testing method |

ISO/CD 22932-6 Mining — Vocabulary — Part 6: Mine hosting

equipment

ISO/CD 22932-7 Mining — Vocabulary — Part 7: Ventilation ISO/CD 22932-8 Mining — Vocabulary — Part 8: Extraction ISO/CD 22932-9 Mining — Vocabulary — Part 9: Drainage

## TC 85 Nuclear energy, nuclear technologies, and radiological protection

ISO/CD 23548 Measurement of radioactivity — Alpha emitting

radionuclides — Generic test method using alpha spectrometry

ISO/CD 4917-5 Design of Nuclear Power Plants against Seismic

Events — Part 5: Seismic Instrumentation

## TC 86 Refrigeration and air-conditioning

ISO/CD 19967-3 Air to water Heat pumps — Testing and rating for

for corrosion resistance for hafnium in the hight- emperature and pressure

ISO/CD 16784-1 Corrosion of metals and alloys — Corrosion and

fouling in industrial cooling water systems — Part 1: Guidelines for conducting pilot-scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems

ISO/CD 16784-2 Corrosion of metals and alloys — Corrosion and

fouling in industrial cooling water systems — Part 2: Evaluation of the performance of cooling water treatment programmes using a pilot-scale test rig

## TC 172 Optics and photonics

ISO/CD 10110-6 Optics and photonics — Preparation of drawings

for optical elements and systems — Part 6: Cen- tring and tilt tolerances

## TC 184 Automation systems and integration

performance — — Part 3: Combined hot water supply and space heating and/or space cooling

ISO/CD TR 20123

Automation systems and integration — Industrial data — Nuclear digital ecosystem specifications

## TC 94 Personal safety -- Personal protective

equipment

## TC 190 Soil quality

ISO 20344:2021/

CD Amd 1

Personal protective equipment — Test methods for footwear — Amendment 1

ISO/CD 13196 Soil quality — Screening soils for selected ele-

ments by energy-dispersive X-ray fluorescence spectrometry using a handheld or portable

## TC 96 Cranes

ISO/CD 4306-1 Cranes — Vocabulary — Part 1: General

## TC 106 Dentistry

instrument

## TC 193 Natural gas

ISO/CD 6974-4 Natural Gas — Determination of composition and

ISO/CD 23402-2.2

Dentistry — Portable dental equipment for use in non‐permanent healthcare environment — Part 2: Portable dental units

associated uncertainty by gas chromatography — Part 4: Guidance on Gas Analysis

## TC 197 Hydrogen technologies

TC 108 Mechanical vibration, shock and condition monitoring

ISO/CD 19884-1 Gaseous hydrogen — Cylinders and tubes for sta-

tionary storage — Part 1: General Requirements

ISO/CD 20816-21

Mechanical vibration — Measurement and evalu- ation of machine vibration — Part 21: Horizontal axis wind turbines

## TC 199 Safety of machinery

ISO/CD 12895 Safety of machinery — Identification of whole

body access and prevention of derived risks

## TC 123 Plain bearings

## TC 201 Surface chemical analysis

ISO/CD 17973 Surface chemical analysis — Medium-resolution

Auger electron spectrometers — Calibration of energy scales for elemental analysis

## TC 202 Microbeam analysis

ISO/CD 17297 Microbeam analysis — Focused ion beam applica-

tion for TEM specimen preparation — Vocabulary

## TC 204 Intelligent transport systems

ISO/CD 23793-1 Intelligent transport systems — Minimal Risk

Maneuver (MRM) for automated driving — Part 1: Framework, straight-stop and in-lane stop

## TC 206 Fine ceramics

ISO/CD 5770 Fine ceramics (advanced ceramics, advanced tech-

nical ceramics) — Relative method for determining thermal conductivity of ceramic coatings

## TC 215 Health informatics

ISO/CD TS 6201 Health Informatics — Personalized Digital Health

-Framework

ISO/CD TS 6204 Health Informatics — Categorial structures for

|  |  |  |  |
| --- | --- | --- | --- |
|  | representation of Ayurvedic medicinal water — Decocting process in Ayurveda | ISO/IEC CD TS 6010 | Programming languages — A provenance-aware memory object model for C |
| ISO/CD TS | Health informatics — Cybersecurity framework for | ISO/IEC CD | Information technology — Computer graphics |
| 6268-1 | telehealth environments — Part 1: Overview and Concepts | 18042-5 | and image processing — Spatial Reference Model(SRM) language bindings — Part 5: Part 5: C++ |
| ISO/CD TS 9320 | Health informatics — Standardized data set for transfer of hemodialysis patients | ISO/IEC CD 24759 | Information technology — Security techniques — Test requirements for cryptographic modules |
| ISO/CD | Health informatics — Personalized health naviga- | ISO/IEC CD | Revision of Information technology — Security |
| 9472-10000 | tion — Part 10000: Architecture | 27019 | techniques — Information security controls for the |

ISO/IEC CD 29110-5-5

ISO/IEC CD 29110-5-6-1

ISO/IEC CD 29110-5-6-2

ISO/IEC CD 29110-5-6-3

ISO/IEC CD 29110-5-6-4

Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 5-5: DevOps guidelines

Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 5-6-1: Systems engineering — Management and engi- neering guide: Generic profile group: Entry profile

Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 5-6-2: Systems engineering — Management and engi- neering guide: Generic profile group: Basic profile

Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 5-6-3: Systems engineering: Management and engineer- ing guide: Generic profile group: Intermediate profile

Systems and software engineering — Systems engineering lifecycle profiles for Very Small Entities (VSEs) — Part 5-6-4: Management and engineering guidelines: Generic profile group: Advanced profile

ISO/CD TS 14265

Health Informatics — Classification of purposes for processing personal health information

ISO/IEC CD

energy utility industry

Information technology — Coding of audio-visual

## TC 216 Footwear

ISO/CD 19952 Footwear — Vocabulary

## TC 221 Geosynthetics

ISO/CD 12236 Geosynthetics — Static puncture test (CBR test) ISO/CD 13431 Geotextiles and geotextile-related products —

Determination of tensile creep and creep rupture

behaviour

ISO/CD 13433 Geosynthetics — Dynamic perforation test (cone

drop test)

## TC 228 Tourism and related services

ISO/CD 24808 Recreational diving services — Requirements for

rebreather instructor training

## TC 234 Fisheries and aquaculture

ISO/CD 17273 Waste reduction and treatment in aquaculture

## TC 268 Sustainable cities and communities

ISO/CD 37125 Environmental, Social and Governance (ESG) Indicators for Cities

ISO/CD 37151 Smart community infrastructures — Principles and

requirements for performance metrics

ISO/CD 37153 Smart community infrastructures — Maturity

model for assessment and improvement

ISO/CD 37176 Smart community infrastructure-Maturity assess-

ment model for agile community

ISO/CD 37179 Smart community infrastructures — Disaster risk

reduction — Basic framework for the implementa- tion of disaster risk reduction

## TC 269 Railway applications

ISO/CD 18955 Railway applications — Suspension components

— Rubber diaphragms for pneumatic suspension springs

## TC 276 Biotechnology

ISO/CD 18209-1 Biotechnology — Biobanking of parasites — Part

1: Helminths

## JTC 1 Information technology

14496-26

ISO/IEC 23008- 6:2021/CD

Amd 1

ISO/IEC FDIS 23090-14/CD

Amd 2

ISO/IEC CD 23090-24

ISO/IEC CD 23090-26

ISO/IEC CD 23093-1

ISO/IEC CD 23093-2

ISO/IEC CD 23093-3

ISO/IEC CD 23093-6

ISO/IEC CD TS 21419

ISO/IEC CD 29794-4

ISO/IEC CD TS 20000-14

objects — Part 26: Audio conformance

Information technology — High efficiency coding and media delivery in heterogeneous environ- ments — Part 6: 3D audio reference software — Amendment 1: Corrections for closest loudspeaker playout and increased software resilience

Information technology — Coded representation of immersive media — Part 14: Scene description

— Amendment 2: Support for Haptics, Augmented Reality, Avatars, Interactivity, MPEG-I Audio, and Lighting

Information technology — Coded representation of immersive media — Part 24: Conformance and reference software for scene description

Information technology — Coded representation of immersive media — Part 26: Conformance and reference software for carriage of geometry-based point cloud compression data

Information technology — Internet of media things — Part 1: Architecture

Information technology — Internet of media things — Part 2: Discovery and communication API

Information technology — Internet of media things — Part 3: Media data formats and APIs

Information technology — Internet of media things — Part 6: IoMT Media data formats and API for distributed AI processing

Information Technology — Cross-Jurisdictional and societal aspects of implementation of biom- etric technologies — Use of biometrics for identity management in healthcare

Information technology — Biometric sample qual- ity — Part 4: Finger image data

Information technology — Service management

— Part 14: Guidance on the application of Service Integration and Management to ISO/IEC 20000-1

|  |  |  |
| --- | --- | --- |
|  | (Revision of ISO 7519:1991) |  |
| TC 17 | Steel |  |
| ISO/DIS 4990 | Steel castings — General technical delivery requirements | 2023-04-19 |
|  | (Revision of ISO 4990:2015) |  |
| ISO/DIS 4993 | Steel and iron castings — Radio- graphic testing | 2023-04-12 |
|  | (Revision of ISO 4993:2015) |  |
| ISO/DIS 9477 | High strength cast steels for general engineering and structural purposes | 2023-04-10 |
|  | (Revision of ISO 9477:2015) |  |
| ISO/DIS 11972 | Corrosion-resistant cast steels for general applications | 2023-04-07 |
|  | (Revision of ISO 11972:2015) |  |
| ISO/DIS 11973 | Heat-resistant cast steels and alloys for general applications | 2023-04-07 |
|  | (Revision of ISO 11973:2015) |  |
| TC 20 | Aircraft and space vehicles |  |
| ISO/DIS 3186 | Aerospace — Bolts, large bihexago- nal head, normal shank, short or medium length MJ threads, metal- | 2023-04-11 |
|  | lic material, coated or uncoated, strength classes 1 250 MPa to 1 800MPa — Dimensions |  |
|  | (Revision of ISO 3186:2008) |  |
| ISO/DIS 7481 | Aerospace — Nuts, self-locking, with maximum operating tempera- ture less than or equal to 425 °C — | 2023-04-10 |
|  | Test methods |  |
|  | (Revision of ISO 7481:2000) |  |
| ISO/DIS 12261 | Aerospace — Screws, pan head, internal offset cruciform ribbed or unribbed drive, pitch diameter | 2023-04-05 |
|  | shank, long length MJ threads, me- tallic material, coated or uncoated, strength classes less than or equalto 1 100 MPa — Dimensions |  |
|  | (Revision of ISO 12261:2016) |  |
| ISO/DIS 15389 | Space systems — Flight-to-ground umbilicals | 2023-04-11 |
|  | (Revision of ISO 15389:2001, ISO 15389:2001/Amd 1:2005, ISO15389:2001/Cor 1:2006) |  |
| ISO/DIS 5305 | Noise measurements for UAS (Un- manned aircraft systems) | 2023-04-12 |
| ISO/DIS 5309 | Vibration test methods for light- weight and small civil UAS | 2023-04-11 |
| ISO/DIS 23629-9 | UAS traffic management (UTM)— Part 9: Interface between UTM service providers and users | 2023-04-12 |
| TC 22 | Road vehicles |  |

# DIS circulated

Period from 01 January to 01 February 2023

These documents have obtained substantial support within the appropri- ate ISO technical committee.

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

\* Available in English only

|  |  |
| --- | --- |
|  | Vote terminates |
| TC 6 | Paper, board and pulps |  |
| ISO/DIS 6350 | Lignins — Determination of dryfreeze-drying methods | 2023-04-19 |
| ISO/DIS 9795 | Lignins — Determination of inor- ganics content in kraft lignin, soda lignin and hydrolysis lignin | 2023-04-20 |
| ISO/DIS 12625-5 | Tissue paper and tissue products —strength | 2023-04-18 |
|  | (Revision of ISO 12625-5:2016) |  |
| TC 8 | Ships and marine technology |  |
| ISO/DIS 3796 | Ships and marine technology — Clear openings for external single- leaf doors | 2023-04-19 |
|  | (Revision of ISO 3796:1999) |  |
| ISO/DIS 3797 | Ships and marine technology — Vertical steel ladders | 2023-04-06 |
|  | (Revision of ISO 3797:1976) |  |
| ISO/DIS 4678 | Ships and marine technology — Noise measurement method for HVAC system in accommodation | 2023-04-06 |
|  | spaces |  |
| ISO/DIS 9519 | Ships and marine technology — Single rungs and rungs for dog- step ladders | 2023-04-05 |
|  | (Revision of ISO 9519:1990) |  |
| ISO/DIS 9557 | Ships and marine technology inspection | 2023-04-06 |
| TC 10 | Technical product documentation |  |
| ISO/DIS 4172 | Technical product documentation (TPD) — Construction documenta- tion — Drawings for the assembly | 2023-04-25 |
|  | of prefabricated structures |  |
|  | (Revision of ISO 4172:1991) |  |
| ISO/DIS 7519 | Technical product documentation (TPD) — Construction documenta- tion — General principles of pres- | 2023-04-25 |
|  | entation for general arrangementand assembly drawings |  |

matter content — Oven-drying and

Part 5: Determination of wet tensile

— Wire rope lifting platform for

ISO/DIS 15765-2 Road vehicles — Diagnostic

communication over Controller Area Network (DoCAN) — Part 2: Transport protocol and network layer services

(Revision of ISO 15765-2:2016)

ISO/DIS 22574 Road vehicles — Brake linings fric-

tion materials — Visual inspection

(Revision of ISO/PAS 22574:2007)

|  |  |  |
| --- | --- | --- |
| ISO/DIS 22733-2 | Road vehicles — Test method to evaluate the performance ofautonomous emergency braking | 2023-04-07 |
|  | systems — Part 2: Car to pedestrian |  |
| ISO/DIS 12103-1 | Road vehicles — Test contami- nants for filter evaluation — Part 1: Arizona test dust | 2023-03-27 |
|  | (Revision of ISO 12103-1:2016) |  |
| TC 23 | Tractors and machinery for |  |

## agriculture and forestry

2023-04-19

2023-03-30

## TC 42 Photography

ISO/DIS 22028-4 Photography and graphic technol-

ogy — Extended colour encodings for digital image storage, manipula- tion and interchange — Part 4: Eu- ropean Colour Initiative RGB colour image encoding [eciRGB (2008)] (Revision of ISO/TS 22028-4:2012)

## TC 43 Acoustics

ISO/DIS 3744 Acoustics — Determination of

sound power levels of noise sourc- es using sound pressure — Engi- neering methods for an essentially free field over a reflecting plane (Revision of ISO 3744:2010)

ISO/DIS 5114-1 Acoustics — Determination of un-

certainties associated with sound emission measures — Part 1: Sound power levels determined from sound pressure measurements

ISO/DIS 9612 Acoustics — Determination of

occupational noise exposure

2023-04-25

2023-03-31

2023-03-30

ISO/DIS 3991 Agricultural machinery — Robotic

feed systems — Safety

TC 34 Food products

2023-03-28

— Methodology 2023-04-11

(Revision of ISO 9612:2009)

ISO/DIS 26101-2 Acoustics — Test methods for the

qualification of the acoustic envi-

ISO/DIS 22662 Milk and milk products — Deter-

mination of lactose content by high-performance liquid chroma- tography (Reference method) (Revision of ISO 22662:2007)

2023-03-31

ronment — Part 2: Determination of the environmental correction

## TC 44 Welding and allied processes

ISO/DIS 9012 Gas welding equipment — Air-as-

pirated hand blowpipes — Specifi-

2023-03-31

ISO/DIS 3657 Animal and vegetable fats and oils

— Determination of saponification

value 2023-04-11

(Revision of ISO 3657:2020)

cations and tests 2023-03-27

(Revision of ISO 9012:2008)

## TC 58 Gas cylinders

TC 37 Language and terminology

ISO/DIS 24613-1 Language resource management

— Lexical markup framework (LMF)

ISO 11363-

1:2018/DAmd 1

Gas cylinders — 17E and 25E taper threads for connection of valves to gas cylinders — Part 1: Specifica- tions — Amendment 1

2023-04-19

— Part 1: Core model 2023-04-03

(Revision of ISO 24613-1:2019)

ISO/DIS 11669 Translation projects — General guidance

2023-04-03

(Revision of ISO/TS 11669:2012)

## TC 38 Textiles

ISO/DIS 14456 Gas cylinders — Gas properties

and associated classification (FTSC)

codes 2023-04-26

(Revision of ISO 14456:2015, ISO 14456:2015/Amd 1:2019)

## TC 61 Plastics

ISO/DIS 23948 Plastics — Intumescence proper-

ties of PVC materials and products

ISO/DIS 9073-18 Nonwovens — Test methods —

Part 18: Determination of breaking strength and elongation using the grab tensile test

(Revision of ISO 9073-18:2007)

ISO/DIS 105-C09 Textiles — Tests for colour fastness

— Part C09: Colour fastness to domestic and commercial launder- ing — Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator (Revision of ISO 105-C09:2001/Amd 1:2003, ISO 105-C09:2001)

## TC 41 Pulleys and belts (including veebelts)

ISO/DIS 11749 Belt drives — V-ribbed belts for the

automotive industry — Fatigue test

(Revision of ISO 11749:2014)

2023-04-21

2023-03-30

2023-04-06

— Test method for the measure- ment of expansion with the cone calorimeter

ISO/DIS 2561 Plastics — Determination of residu-

al styrene monomer in polystyrene (PS) and impact-resistant polysty- rene (PS-I) by gas chromatography (Revision of ISO 2561:2012)

ISO/DIS 19069-2 Plastics — Polypropylene (PP)

moulding and extrusion materi- als — Part 2: Preparation of test specimens and determination of properties

(Revision of ISO 19069-2:2016)

ISO/DIS 8060 Composites and reinforcements

fibres — Carbon fibre reinforced plastics (CFRPs) and metal as- semblies — Characterization of durability of adhesive interfaces by wedge rupture test

2023-04-06

2023-04-04

2023-03-27

2023-03-27

ISO/DIS 8605 Fibre-reinforced plastics — Sheet

moulding compound (SMC) —

Basis for a specification 2023-04-12

(Revision of ISO 8605:2001) ISO/DIS 16620-4 Plastics — Biobased content —

Part 4: Determination of biobased

mass content 2023-04-03

(Revision of ISO 16620-4:2016)

## TC 69 Applications of statistical methods

ISO/DIS 7870-6 Control charts — Part 6: EWMA

control charts for the process mean

2023-04-24

(Revision of ISO 7870-6:2016)

## TC 79 Light metals and their alloys

ISO/DIS 13093 Titanium and titanium alloys — De-

termination of carbon — Infrared

(Revision of ISO 12480-1:1997)

ISO/DIS 16881-1 Cranes — Design calculation for

rail wheels and associated trolley track supporting structure — Part 1: General

(Revision of ISO 16881-1:2005)

## TC 105 Steel wire ropes

ISO/DIS 10425 Steel wire ropes for the petroleum

and natural gas industries — Mini- mum requirements and terms of acceptance

(Revision of ISO 10425:2003)

## TC 107 Metallic and other inorganic coatings

ISO/DIS 14919 Thermal spraying — Wires, rods

and cords for flame and arc spray- ing — Classification — Technical supply conditions

(Revision of ISO 14919:2015)

## TC 121 Anaesthetic and respiratory

2023-03-27

2023-04-24

2023-04-11

absorption method after combus- tion in an induction furnace

ISO/DIS 21339 Titanium and titanium alloys —

Ti-6Al-4V — Determination of alu- minium and vanadium contents — Inductively coupled plasma atomic emission spectrometric method

## TC 84 Devices for administration of medicinal products and catheters

ISO/DIS 10555-7 Intravascular catheters — Sterile

and single-use catheters — Part 7: Peripherally inserted central catheters

## TC 94 Personal safety -- Personal protective equipment

2023-03-29

2023-04-24

2023-04-19

## equipment

ISO/DIS 5362 Anaesthetic and respiratory equip-

ment – Anaesthetic reservoir bags

(Revision of ISO 5362:2006)

ISO/DIS 16571 Systems for evacuation of plume

generated by medical devices

(Revision of ISO 16571:2014)

## TC 130 Graphic technology

ISO/DIS 24585-1 Graphic technology — Multi-

spectral imaging measurement and colorimetric computation for graphic arts and industrial ap-

2023-04-07

2023-04-25

2023-04-04

ISO 16321-

1:2021/DAmd 1

Eye and face protection for oc- cupational use — Part 1: General

requirements — Amendment 1 2023-04-04

plication — Part 1: Parameters and

measurement methods

ISO/DIS 24585-2 Graphic technology — Multi-

spectral imaging measurement

ISO/DIS 13506-1 Protective clothing against heat

and flame — Part 1: Test method for complete garments — Measure- ment of transferred energy using an instrumented manikin

(Revision of ISO 13506-1:2017)

ISO/DIS 13506-2 Protective clothing against heat

2023-04-24

and colorimetric computation for graphic arts and industrial applica- tion — Part 2: Requirements for decorative surfaces

TC 135 Non-destructive testing

ISO/DIS 5580 Non-destructive testing — Indus-

trial radiographic illuminators —

2023-04-03

and flame — Part 2: Skin burn injury prediction — Calculation requirements and test cases (Revision of ISO 13506-2:2017)

ISO/DIS 14460 Protective clothing for automobile

2023-04-19

Minimum requirements 2023-04-26

(Revision of ISO 5580:1985) ISO/DIS 24489 Non-destructive testing — Acous-

tic emission testing — Detection

racing drivers — Protection against heat and flame — Performance requirements and test methods (Revision of ISO 14460:1999, ISO 14460:1999/Amd 1:2002)

ISO/DIS 24231 Protective clothing — Protection

against rain — Test method for ready-made garments against high-energy droplets from above

ISO/DIS 24232 Protective clothing — Protection against rain

## TC 96 Cranes

ISO/DIS 12480-1 Cranes — Safe use — Part 1: General

2023-04-19

2023-04-06

2023-04-06

2023-03-27

of corrosion at atmospheric and low-pressure metallic storage tank floors

water under pressure — Part 1:

|  |  |  |
| --- | --- | --- |
| TC 138 | Plastics pipes, fittings and valves for the transport of fluids |  |
| ISO/DIS 16422-1 | Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of | 2023-04-04 |

General

(Revision of ISO 16422:2014)

ISO/DIS 16422-2 Pipes and joints made of oriented

unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of wa- ter under pressure — Part 2: Pipes

2023-04-11

2023-04-05

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supply of gaseous fuels — Unplas- ticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 1:

General

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Test method

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## TC 142 Cleaning equipment for air and other gases

ISO/DIS 23137-1 Requirements for aerosol filters

used in nuclear facilities against specified severe conditions — Part 1: General requirements

## TC 145 Graphical symbols

2023-04-04

2023-04-18

2023-04-05

2023-04-10

ISO/DIS 6324 Thermal insulation products

* Flexible microporous insula- tion for industrial applications
* Specification

|  |  |  |
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| TC 168 | Prosthetics and orthotics |  |
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(Revision of ISO 8549-2:2020)

## TC 171 Document management applications

ISO/DIS 14289-2 Document management applica-

tions — Electronic document file format enhancement for accessibil- ity — Part 2: Use of ISO 32000-2 (PDF/UA-2)

TC 172 Optics and photonics

ISO/DIS 19045-2 Ophthalmic optics - Contact lens

care products — Part 2: Method for evaluating disinfecting efficacy by contact lens care products using trophozoites of Acanthamoeba species as the challenge organisms

2023-04-20

2023-04-11

2023-04-06

ISO 7010:2019/ DAmd 133

Graphical symbols — Safety col- ours and safety signs — Registered

## TC 173 Assistive products

ISO 7010:2019/ DAmd 134

safety signs — Amendment 133: Safety sign W079 : Warning; Hot content

Graphical symbols — Safety col- ours and safety signs — Registered safety signs — Amendment 134:

2023-04-10

2023-04-10

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Wheelchair seating — Part 2: Deter- mination of physical and mechani- cal characteristics of seat cushions intended to manage tissue integ- rity — Amendment 1: Amended and addition of new Annex

2023-04-05

Safety sign W080 : Warning; Hot steam

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ISO/DIS 7935 Stationary source emissions - De-

termination of the mass concentra- tion of sulfur dioxide in flue gases

- Performance characteristics of automated measuring systems (Revision of ISO 7935:1992)

ISO/DIS 16000-9 Indoor air — Part 9: Determination

of the emission of volatile organic compounds from building prod- ucts and furnishing - Emission test chamber method

(Revision of ISO 16000-9:2006, ISO 16000-9:2006/Cor 1:2007)

## TC 147 Water quality

ISO/DIS 5667-3 Water quality — Sampling — Part

3: Preservation and handling of

2023-04-11

2023-04-19

## TC 174 Jewellery and precious metals

ISO/DIS 5724 Jewellery and precious metals —

Determination of very high purity gold — Difference method using ICP-MS

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ISO/DIS 10303-2 Industrial automation systems and

integration — Product data repre- sentation and exchange — Part 2: Vocabulary

TC 188 Small craft

ISO/DIS 10239 Small craft — Liquefied petroleum

gas (LPG) systems

(Revision of ISO 10239:2014)

## TC 193 Natural gas

2023-03-31

2023-03-27

2023-04-04

water samples 2023-03-30

(Revision of ISO 5667-3:2018)

## TC 153 Valves

ISO/DIS 5115.2 Industrial valves — Part-turn valve

ISO/DIS 7055 Natural gas — Upstream area —

Determination of drag reduction in

laboratory for slick water 2023-04-19

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actuation

|  |  |  |  |
| --- | --- | --- | --- |
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Embedded radiant heating and

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ISO 11855-

4:2021/DAmd 1

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2023-04-13

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Specifications and test methods

(Revision of ISO 3549:1995) ISO/DIS 18314-4 Analytical colorimetry — Part 4:

Metamerism index for pairs of sam-

2023-04-12

ISO 11855-

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2023-04-13

ples for change of illuminant 2023-03-31

(Revision of ISO 18314-4:2020) ISO/DIS 20427 Pigments and extenders — Dis-

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advanced technical ceramics) — Test method for optical properties of ceramic phosphors for white light-emitting diodes with refer- ence materials

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2023-04-11

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TC 267 Facility management

ISO/DIS 41011 Facility management — Vocabulary

2023-03-30

2023-04-03

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45: Morphological profile filters: Segmentation

TC 215 Health informatics

ISO/DIS 5477 Health informatics — Interoper-

ability of public health emergency preparedness and response infor- mation systems – Business rules, terminology and data vocabulary

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ISO/DIS 17830 Solid biofuels — Particle size distri-

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2023-03-29

2023-04-04

2023-03-28

ISO/DIS 20480-5 Fine bubble technology — General

principles for usage and measure- ment of fine bubbles — Part 5: Shelled fine bubbles

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ISO/DIS 24544 Rare earth – Recyclable Neodymi-

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## TC 299 Robotics

ISO/DIS 18646-2 Robotics — Performance criteria

and related test methods for ser-

2023-04-25

2023-04-26

(Revision of ISO 17830:2016)

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ISO/DIS 8959 Traditional Chinese Medicine—Eu-

commia ulmoides stem bark

2023-04-05

ISO/DIS 22166-201

vice robots — Part 2: Navigation 2023-04-03

(Revision of ISO 18646-2:2019)

Robotics — Modularity for service robots — Part 201: Common infor-

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Ephedra sinica, Ephedra inter- media, and Ephedra equisetina herbaceous stem

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Poria cocos sclerotium

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2023-03-29

2023-04-25

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technologies — Vocabulary

(Revision of ISO 22739:2020)

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ISO/DIS 33401 Reference materials — Contents of

certificates, labels and accompany-

2023-04-06

ISO/DIS 3262-12 Extenders — Specifications

and methods of test — Part 12:

Muscovite-type mica 2023-03-27

(Revision of ISO 3262-12:2001)

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methods of test — Part 22: Flux-

calcined kieselguhr 2023-03-28

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(Revision of ISO Guide 31:2015)

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2023-04-04

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(Revision of ISO/IEC 19988:2017)

Information technology — Tel- ecommunications and information exchange between systems —

NFCIP-2 test methods

(Revision of ISO/IEC 19369:2014)

Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for inter- change — Amendment 1: Support of multiple logical security devices

Programming languages — Avoid- ing vulnerabilities in programming languages — Part 1: Language independent catalogue of

2023-04-18

2023-04-03

2023-04-19

2023-03-27

ISO/IEC 23002-

7:2022/DAmd 1

ISO/IEC 23003-

4:2020/DAmd 2

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Information technology — MPEG video technologies — Part 7: Ver- satile supplemental enhancement information messages for coded video bitstreams — Amendment 1: Additional SEI messages

Information technology — MPEG audio technologies — Part 4: Dynamic range control — Amend- ment 2: Loudness leveling

Information technology — Coded representation of immersive media

— Part 23: Conformance and refer- ence software for MPEG immersive video

Information technology — Coding- independent code points — Part

2023-04-06

2023-04-11

2023-04-20

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vulnerabilities (Revision of ISO/IEC TR 24772-1:2019)

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ISO/IEC DIS 6523-1

2: Video 2023-04-06

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Information technology — Struc- ture for the identification of

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2023-03-27

organizations and organization

parts — Part 1: Identification of or- ganization identification schemes

2023-04-11

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|  | management — Requirements and guidelines |  | 22237-6 | centre facilities and infrastructures— Part 6: Security systems | 2023-04-17 |
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Part 3: Box file format

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2023-04-06

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Period from 01 January to 01 February 2023

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

\* Available in English only

## TC 5 Ferrous metal pipes and metal-

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2023-03-02

2023-03-02

## TC 28 Petroleum and related prod- ucts, fuels and lubricants from natural or synthetic sources

ISO/PRF 12924 Lubricants, industrial oils and

2023-03-28

## TC 8 Ships and marine technology

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— General requirements for the asynchronous time-insensitive ship-shore data transmission

related products (Class L) — Family X (Greases) — Specifications (Revision of ISO 12924:2010/Cor 1:2012, ISO 12924:2010)

## TC 31 Tyres, rims and valves

ISO/FDIS 24409-4

Ships and marine technology

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2023-03-27

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2023-02-28

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Design and testing of marine trans-

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1: Tyre designation and dimensions

2023-03-01

2023-02-28

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2

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2023-03-13

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2: Loads and inflation pressures

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ISO/FDIS 21349 Space systems — Project reviews

(Revision of ISO 21349:2007)

ISO/FDIS 21350 Space systems — Off-the-shelf item utilization

(Revision of ISO 21350:2007)

ISO/FDIS 24113 Space systems — Space debris

mitigation requirements

(Revision of ISO 24113:2019)

ISO/FDIS 4358 Test methods for civil multi-copter

unmanned aircraft system

2023-03-17

2023-03-17

2023-03-24

2023-03-27

(Revision of ISO 4250-2:2017)

## TC 35 Paints and varnishes

ISO/PRF TR 5601 Paints and varnishes — Determina-

tion of volatile organic compound (VOC) and/or semi-volatile organic compound (SVOC) content — Best practices for the selection of test methods

## TC 38 Textiles

ISO/FDIS 4484-3 Textiles and textile products — Mi-

croplastics from textile sources — Part 3: Measurement of collected material mass released from textile end products by domestic washing method

ISO/FDIS 3758 Textiles — Care labelling code us- ing symbols

2023-02-28

2023-03-27

2023-03-29

ISO/FDIS 23629-5

ISO/FDIS 23629-8

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2023-03-17

2023-03-16

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cation for dehaired cashmere

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2023-03-15

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systems 2023-03-20

## TC 22 Road vehicles

## TC 43 Acoustics

ISO/PRF 226 Acoustics — Normal equal-loud-

ness-level contours

(Revision of ISO 226:2003)

## TC 44 Welding and allied processes

2023-03-21

ISO/FDIS 18274 Welding consumables — Solid wire

electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys

2023-02-27

ISO/FDIS 4907-3 Plastics — Ion exchange resin —

Part 3: Determination of exchange capacity of anion exchange resins in hydroxide form

2023-03-27

— Classification

(Revision of ISO 18274:2010)

## TC 45 Rubber and rubber products

ISO/FDIS 5774 Plastics hoses — Textile-reinforced

types for compressed-air applica-

ISO/FDIS 22007-7

Plastics — Determination of thermal conductivity and thermal diffusivity — Part 7: Transient meas- urement of thermal effusivity using a plane heat source

2023-03-27

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2023-03-16

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Determination of the composi-

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coverings, wood flooring, levelling compounds and tiles — Specifica- tion of trowel notch sizes

ISO 15024 Fibre-reinforced plastic compos-

2023-03-15

2023-03-15

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— Part 1: Butadiene, ethylene-pro- pylene copolymer and terpolymer, isobutene-isoprene, isoprene and styrene-butadiene rubbers (Revision of ISO 9924-1:2016)

2023-02-27

ites — Determination of mode I interlaminar fracture toughness, GIC, for unidirectionally reinforced materials

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(SBR) — Emulsion- and solution- polymerized types — Evaluation procedures

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2023-03-17

ISO/PRF

4548-14

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(Revision of ISO 4548-14:2016)

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— Specifications

2023-03-28

## TC 71 Concrete, reinforced concrete and pre-stressed concrete

TC 46 Information and documentation

ISO/DTS 16774-2

Test methods for repair materi- als for water-leakage cracks in underground concrete structures

— Part 2: Test method for chemical

2023-03-16

ISO/FDIS 28560-3

Information and documentation

— RFID in libraries — Part 3: Fixed

length encoding 2023-03-22

(Revision of ISO 28560-3:2014)

ISO/DTS 16774-3

resistance

(Revision of ISO/TS 16774-2:2016)

Test methods for repair materials for water-leakage cracks in under- ground concrete structures — Part

2023-03-16

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— Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents

(Revision of ISO 16245:2009)

## TC 48 Laboratory equipment

ISO/FDIS 13132 Laboratory glassware — Petri dishes

2023-03-16

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(Revision of ISO/TS 16774-3:2016)

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(Revision of ISO/TS 16774-4:2016)

2023-03-20

(Revision of ISO 13132:2011)

## TC 58 Gas cylinders

2023-03-23

## TC 76 Transfusion, infusion and

injection, and blood process- ing equipment for medical and pharmaceutical use

ISO/DTR 7470 Gas cylinders — List of provisions

(Revision of ISO/TR 7470:1988)

## TC 61 Plastics

2023-03-15

ISO 3826- 1:2019/PRF

Amd 1

ISO 8536-

15:2022/Amd 1

Plastics collapsible containers for human blood and blood com- ponents — Part 1: Conventional containers — Amendment 1

Infusion equipment for medical use

— Part 15: Light-protective infusion sets for single use — Amendment 1

ISO/FDIS 4907-1 Plastics — Ion exchange resin —

Part 1: Determination of exchange capacity of acrylic anion exchange resins

ISO/FDIS 4907-2 Plastics — Ion exchange resin —

Part 2: Determination of water content of anion exchange resins in hydroxide form by centrifugation

2023-03-27

2023-03-27

## TC 83 Sports and other recreational facilities and equipment

ISO/PRF 7152 Camping tents and caravan awn-

ings — Vocabulary

(Revision of ISO 7152:1997, ISO 7152:1997/Amd 1:2006)

## TC 86 Refrigeration and air-conditioning

ISO/FDIS 6369 Ice makers for commercial use —

Classification, requirements and

test conditions 2023-03-15

## TC 94 Personal safety -- Personal protective equipment

ISO/FDIS 11610 Protective clothing — Vocabulary

2023-03-06

(Revision of ISO/TR 11610:2004)

ISO/FDIS 23256 Water quality — Detection of

selected congeners of polychlo- rinated dibenzo-p-dioxins and polychlorinated biphenyls — Method using a flow immunosen- sor technique

## TC 162 Doors, windows and curtain walling

ISO/PRF 6612 Windows and doors — Resistance

to wind load — Test method

2023-03-16

ISO/PRF 16976-5

ISO/PRF 16976-7

Respiratory protective devices — Human factors — Part 5: Thermal effects

(Revision of ISO/TS 16976-5:2020)

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(Revision of ISO/TS 16976-7:2020)

(Revision of ISO 6612:1980)

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ability — Test method

(Revision of ISO 6613:1980, ISO 8272:1985)

## TC 164 Mechanical testing of metals

ISO/FDIS 9649 Metallic materials — Wire — Re-

## TC 102 Iron ore and direct reduced iron

verse torsion test

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(Revision of ISO 4689:1986)

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2023-03-15

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ISO/PRF TS 7352 Freight containers — NFC or/and

QR code seals

## TC 105 Steel wire ropes

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TC 106 Dentistry

2023-03-23

of test specimen axes in relation to

product texture 2023-03-01

(Revision of ISO 3785:2006) ISO/FDIS 14556 Metallic materials — Charpy

V-notch pendulum impact test —

Instrumented test method 2023-03-15

(Revision of ISO 14556:2015)

## TC 171 Document management applications

ISO/FDIS 5139 Dentistry — Polymer-based com-

posite machinable blanks

2023-03-17

ISO/PRF TS 24064

Document management — Port- able document format — Rich- Media annotations conforming to the ISO 10303-242 (STEP AP 242)

specification

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machining accuracy of computer-

aided milling machines 2023-03-29

(Revision of ISO/TR 18845:2017)

## TC 119 Powder metallurgy

TC 172 Optics and photonics

ISO/FDIS 23701 Optics and photonics — Laser and

laser-related equipment — Photo- thermal technique for absorption measurement and mapping of optical laser components

2023-03-27

|  |  |  |  |  |  |  |
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| ISO/FDIS 4491-2 | Metallic powders — Determinationof oxygen content by reduction methods — Part 2: Loss of mass | 2023-03-15 |  | TC 173ISO/DTS | Assistive productsWheelchair seating — Part 14: Con- |  |
|  | on hydrogen reduction (hydrogen loss)(Revision of ISO 4491-2:1997) |  |  | 16840-14 | cepts related to managing external forces to maintain tissue integrity | 2023-02-28 |
| TC 121 | Anaesthetic and respiratory |  |  | TC 181 | Safety of toys |  |
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care environment ventilators for ventilator-dependent patients (Revision of ISO 80601-2-72:2015)

## TC 184 Automation systems and integration

TC 131 Fluid power systems

ISO/DTR 6057 Hydraulic fluid power — Sample

calculations for ISO 11171

2023-03-03

## TC 147 Water quality

ISO/PRF 8000-51

ISO/PRF 8000-117

Data quality — Part 51: Data gov- ernance: Exchange of data policy statements

Data quality — Part 117: Applica- tion of ISO 8000-115 to identifiers in distributed ledgers including blockchains

## TC 189 Ceramic tile

ISO/FDIS 17889-2

Ceramic tiling systems — Sustain- ability for ceramic tiles and installa- tion materials — Part 2: Specifica- tion for tile installation materials

2023-03-23

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production of aluminium — Deter- mination of baking level expressed by equivalent temperature

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devices — Requirements for inter- laboratory studies to demonstrate the applicability of validated in vitro methods to assess the skin sensitization of medical devices

## TC 204 Intelligent transport systems

2023-03-16

(Revision of ISO 17499:2006)

## TC 229 Nanotechnologies

ISO/DTS 20477 Nanotechnologies — Vocabulary

for cellulose nanomaterial

(Revision of ISO/TS 20477:2017)

## TC 267 Facility management

ISO/FDIS 41015 Facility management — Influenc-

2023-03-17

ISO/PRF 21219-1

Intelligent transport systems — Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) — Part 1: Introduction, numbering and versions (TPEG2-INV)

(Revision of ISO/TS 21219-1:2016)

ing organizational behaviours for

improved facility outcomes 2023-03-03

## TC 268 Sustainable cities and communities

ISO 37184 Sustainable mobility and transpor-

## TC 206 Fine ceramics

ISO/PRF 5722 Fine ceramics (advanced ceram-

ics, advanced technical ceramics)

— Test method for determining tensile and shear creep of ceramic adhesive

tation — Framework for transporta- tion services by providing meshes for 5G communication

TC 276 Biotechnology

ISO/FDIS 20404 Biotechnology — Bioprocessing

— General requirements for the

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ISO/FDIS 24687 | Fine ceramics (advanced ceramics, advanced technical ceramics) — Measurement of Seebeck coeffi- | 2023-03-23 |  | ISO/DTS | design of packaging to contain cells for therapeutic useBiotechnology — Provenance | 2023-03-03 |
|  | cient and electrical conductivity of bulk-type thermoelectric materials at room and high temperatures |  |  | 23494-1 | information model for biological material and data — Part 1: Design concepts and general requirements | 2023-03-17 |
| TC 212 | Clinical laboratory testing and |  |  | TC 289 | Brand evaluation |  |
| ISO/FDIS 20658 | in vitro diagnostic test systemsRequirements for the collection |  |  | ISO/FDIS 20671-2 | Brand evaluation — Part 2: Imple- mentation and reporting |  |
|  | and transport of samples for medi- cal laboratory examinations | 2023-03-27 |  |  |  | 2023-02-28 |

(Revision of ISO/TS 20658:2017)

## TC 213 Dimensional and geometrical product specifications and

ISO/FDIS 20671-3

Brand evaluation — Part 3: Require- ments and recommendations for brands related to geographical indications

2023-03-24

## verification

ISO/FDIS 8062-4 Geometrical product specifications

(GPS) — Dimensional and geo- metrical tolerances for moulded parts — Part 4: Rules and general tolerances for castings using profile tolerancing in a general datum system

2023-03-27

TC 292 Security and resilience

ISO/FDIS 22342 Security and resilience — Protec-

tive security — Guidelines for the development of a security plan for an organization

## CASCO Committee on conformity assessment

2023-03-28

(Revision of ISO 8062-4:2017)

## TC 215 Health informatics

ISO/DTS 4425 Genomics informatics — Data

elements and their metadata for describing the microsatellite insta-

2023-03-01

ISO/IEC FDIS 17043

Conformity assessment — General requirements for the competence

of proficiency testing providers 2023-03-16

(Revision of ISO/IEC 17043:2010)

bility (MSI) information of clinical

## JTC 1 Information technology

massive parallel DNA sequencing

ISO/DTS 8392.2 Genomics informatics — Descrip-

tion rules for genomic data for genetic detection products and services

2023-03-09

ISO/IEC/IEEE 8802-1AB:2017/

FDAmd 1

Information technology — Tel- ecommunications and information exchange between systems — Lo- cal and metropolitan area networks

— Specific requirements — Part 1AB: Station and media access

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| TC 224 | Drinking water, wastewater and stormwater systems and |  |  | control connectivity discovery — |  |
| ISO/FDIS 24540 | servicesPrinciples for effective and efficient |  | ISO/IEC/IEEE 8802-1AB:2017/ | Information technology — Tel- ecommunications and informa- |  |
|  | corporate governance of water utilities | 2023-03-24 | FDAmd 2 | tion exchange between systems— Local and metropolitan area networks — Specific requirements | 2023-06-21 |

Amendment 1: YANG data model

2023-06-21

## TC 226 Materials for the production of primary aluminium

— Part 1AB: Station and media access control connectivity discov- ery — Amendment 2: Support for multiframe protocol data units

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| ISO/IEC/IEEE FDIS 24641 | Systems and Software engineer- ing — Methods and tools for model-based systems and software engineering | 2023-03-28 | ISO 14619:2023 | en | Space systems — Space experiments — General requirements | B |
| ISO/IEC DTS 23465-3 | Card and security devices for personal identification — Program- ming interface for security devices | 2023-03-22 | ISO 14625:2023 | en | Space systems — Ground support equipment for use at launch, landing or retrieval sites — General requirements | D |
|  | — Part 3: Proxy |  |  |  |  |  |
| ISO/IEC PRF | Information security, cybersecurity |  | ISO 22009:2023 | en | Space environment (natural and artifi- |  |
| 29128-1 | and privacy protection — Verifica- tion of cryptographic protocols — Part 1: Framework |  |  |  | cial) — Model of the Earth's magneto- spheric magnetic field | C |
| ISO/IEC FDIS | (Revision of ISO/IEC 29128:2011)Information technology — Secu- |  | ISO 23230:2023 | en | Space systems — Paints and var- nishes — Processes, procedures, and |  |
| 29134 | rity techniques — Guidelines for privacy impact assessment | 2023-03-24 |  |  | requirements for coating materials andcoatings | C |

ISO/IEC 23090-19

ISO/IEC PRF 30134-7

(Revision of ISO/IEC 29134:2017)

Information technology — Coded representation of immersive media

— Part 19: Reference Software for V-PCC

Information technology — Data centres key performance indica- tors — Part 7: Cooling efficiency ratio (CER)

ISO 24412:2023 en Space systems — Thermal vacuum

environmental testing

E

## TC 22 Road vehicles

ISO 3894:2023 en Road vehicles — Wheels/rims for com-

mercial vehicles — Test methods

B

ISO 22135:2023 en Road vehicles — Heavy commercial ve-

hicles and buses — Calculation method

for steady-state rollover threshold B

# Standards published

ISO/TS

12103-3:2023

en Road vehicles — Test contaminants for filter evaluation — Part 3: Soot

contaminant C

New International Standards published between 01 January and 01 Febru- ary 2023

1. delayed publication of language version
2. corrected version
3. multilingual document

fr forestry, powered lawn and garden

equipment — Safety labels — General G principles

|  |  |  |  |
| --- | --- | --- | --- |
| ISO 18246:2023 | en fr | Electrically propelled mopeds and motorcycles — Safety requirements for conductive connection to an external electric power supply | F |
| TC 23 |  | Tractors and machinery for agricul- ture and forestry |  |
| ISO 11684:2023 | en | Tractors, machinery for agriculture and |  |

Price group

ISO

24120-2:2023

en Agricultural irrigation equipment —

Guideline on the implementation of

pressurized irrigation systems — Part 2: D Drip irrigation

## PC 317 Consumer protection: privacy by design for consumer goods and

## TC 24 Particle characterization including sieving

ISO

31700-1:2023

## services

en Consumer protection — Privacy by design for consumer goods and services

— Part 1: High-level requirements F

ISO 21501- 4:2018/Amd

1:2023

en Determination of particle size distribu- tion — Single particle light interaction

methods — Part 4: Light scattering air- XZ borne particle counter for clean spaces

— Amendment 1

ISO/TR

en Consumer protection — Privacy by

## TC 31 Tyres, rims and valves

31700-2:2023

design for consumer goods and services

— Part 2: Use cases E

ISO 20908:2023 en

fr

Tyre sound emission test — Methods of drum

F

## TC 6 Paper, board and pulps

ISO 9184-1:2023 en Paper, board and pulps — Fibre furnish

## TC 34 Food products

analysis — Part 1: General method

## TC 20 Aircraft and space vehicles

ISO 734:2023 en

B fr

Oilseed meals — Determination of oil content — Extraction method with

hexane (or light petroleum) B

ISO

12604-3:2022

fr Aircraft ground handling — Checked baggage — Part 3: Workstation

ergonomics B

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| --- | --- | --- | --- | --- | --- | --- |
| ISO 10272- | en | Microbiology of the food chain — |  | ISO 12493:2023 en | Rubber, vulcanized or thermoplastic — |  |
| 1:2017/Amd | fr | Horizontal method for detection and |  |  | Determination of stress in tension under |
| 1:2023 |  | enumeration of <i>Campylobacter </ | D |  | non-isothermal conditions | C |
|  |  | i>spp. — Part 1: Detection method — |  |  |  |  |

Amendment 1: Inclusion of methods for molecular confirmation and identifica- tion of thermotolerant

<i>Campylobacter </i>spp., the use of

ISO 23794:2023 en Rubber, vulcanized or thermoplastic —

Abrasion testing — Guidance

C

growth supplement in Preston broth

and changes in the performance testing

## TC 46 Information and documentation

ISO 10272- 2:2017/Amd

1:2023

of culture media

en Microbiology of the food chain — Hori- fr zontal method for detection and enu-

meration of <i>Campylobacter </i>spp.

— Part 2: Colony-count technique — Amendment 1: Inclusion of methods for molecular confirmation and identifica- tion of thermotolerant

<i>Campylobacter </i>spp. and

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | changes in the performance testing of |  | TC 48 |  | Laboratory equipment |  |
| ISO | en | culture mediaMicrobiology of the food chain — |  | ISO 8655-7:2022 | fr | Piston-operated volumetric apparatus— Part 7: Alternative measurement |  |
| 15213-1:2023 | fr | Horizontal method for the detection and enumeration of <i>Clostridium </ | D |  |  | procedures for the determination of volume | F |

ISO

15706-1:2023

D

ISO

15706-2:2023

en Information and documentation — fr International Standard Audiovisual

Number (ISAN) — Part 1: Audiovisual C work identifier

en Information and documentation — In- fr ternational Standard Audiovisual Num-

ber (ISAN) — Part 2: Version identifier D

i>spp. — Part 1: Enumeration of sulfite- reducing <i>Clostridium </i>spp. by

## TC 54 Essential oils

ISO 16654:2001/ en

Amd 2:2023 fr

colony-count technique

Microbiology of food and animal feed- ing stuffs — Horizontal method for the detection of Escherichia coli O157 —

ISO 1242:2023 en

fr

XZ

Essential oils — Determination of acid value by two titration methods, manual

and automatic B

Amendment 2: Inclusion of performance testing of all culture media and reagents

ISO 22753:2021 fr Molecular biomarker analysis — Method

for the statistical evaluation of analytical results obtained in testing sub-sampled groups of genetically modified seeds and grains — General requirements

## TC 35 Paints and varnishes

TC 61 Plastics

ISO 1675:2022 fr Plastics — Liquid resins — Determina-

tion of density by the pycnometer

method A

D

ISO 6401:2022 fr Plastics — Poly(vinyl chloride) — De-

termination of residual vinyl chloride

monomer using gas-chromatographic B

ISO 7142:2023 en

fr

ISO 2811-1:2023 en

Binders for paints and varnishes — Epoxy resins — General methods of test

Paints and varnishes — Determina-

ISO 11337:2023 en

B fr

method

Plastics — Polyamides — Determination of ε-caprolactam and ω-laurolactam by

gas chromatography B

fr tion of density — Part 1: Pycnometer

method B

ISO

13741-1:2023

en Plastics/rubber — Determination of residual monomers and other organic

components by capillary-column gas B

ISO

8130-15:2023

en Coating powders — Part 15: Rheology

1. ISO

20975-1:2023

chromatography — Part 1: Direct liquid injection method

en Fibre-reinforced plastic composites

— Determination of laminate through-

|  |  |  |
| --- | --- | --- |
|  | thickness properties — Part 1: Direct tension and compression tests | D |
| ISO 23930:2023 | en | Fibre-reinforced plastic compositespultruded profiles | B |

— Full-section compressive test for

|  |  |  |  |
| --- | --- | --- | --- |
| TC 37 |  | Language and terminology |  |
| ISO26162-3:2023 | en | Management of terminology resources— Terminology databases — Part 3: Content | D |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| TC 42 |  | Photography |  | ISO 5677:2023 | en | Testing and characterization of mechan- |  |
| ISO | en | Photography and graphic technol- |  |  |  | ically recycled polypropylene (PP) and |
| 22028-3:2023 |  | ogy — Extended colour encodings for |  |  |  | polyethylene (PE) for intended use in | A |
|  |  | digital image storage, manipulation | D |  |  | different plastics processing techniques |  |

and interchange — Part 3: Reference input medium metric RGB colour image encoding (RIMM RGB)

## TC 44 Welding and allied processes

## TC 68 Financial services

ISO 5158:2023 en Mobile financial services — Customer

identification guidelines

D

ISO 5173:2023 en

fr

Destructive tests on welds in metallic materials — Bend tests

ISO

D 13491-2:2023

en Financial services — Secure crypto- graphic devices (retail) — Part 2: Secu-

rity compliance checklists for devices F

## TC 45 Rubber and rubber products

used in financial transactions

ISO 6502-3:2023 en

fr

Rubber — Measurement of vulcaniza- tion characteristics using curemeters —

Part 3: Rotorless curemeter D

ISO/TR 7340:2023

en Reference data distribution in financial services

C

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ISO/TR | en | Financial services — Semantic technol- |  |  | ISO 15854:2023 | en | Dentistry — Casting and baseplate |  |
| 22126-3:2023 |  | ogy — Part 3: Semantic enrichment of |  |  |  | fr | waxes |
|  |  | the ISO 20022 conceptual model | B |  |  |  |  | D |
| TC 69 |  | Applications of statistical methods |  |  | TC 108 |  | Mechanical vibration, shock and |  |

ISO/TS 27878:2023

ISO

en Reproducibility of the level of detection (LOD) of binary methods in collaborative

and in-house validation studies C

en Applications of statistical and re-

ISO/TS

15230-2:2023

## condition monitoring

en Mechanical vibration and shock — fr Coupling forces at the man-machine

interface for hand-transmitted vibration C

— Part 2: Evaluation of coupling forces

16355-7:2023

lated methods to new technology and product development process — Part 7: Guidelines for developing digital-

TC 121 Anaesthetic and respiratory

## D equipment

ized products and services — General principles and perspectives of the QFD method

## TC 70 Internal combustion engines

ISO 7967-3:2022 fr Reciprocating internal combustion

engines — Vocabulary of components and systems — Part 3: Valves, camshaft drives and actuating mechanisms

## TC 71 Concrete, reinforced concrete and

ISO 5361:2023 en

fr

IEC 80601-2- 59:2017/Amd

1:2023

A

Anaesthetic and respiratory equipment

— Tracheal tubes and connectors

F

Medical electrical equipment — Part 2-59: Particular requirements for the

basic safety and essential performance BJ of screening thermographs for human

febrile temperature screening — Amendment 1

ISO

24684-2:2023

## pre-stressed concrete

en Aggregates for concrete — Test meth- ods for chemical properties — Part 2:

Determination of soluble sulfate salts A

## TC 122 Packaging

ISO 23416:2023 en General specifications and testing meth-

ods for temperature-sensitive medicinal packages in good distribution practice C principles

## TC 76 Transfusion, infusion and injection,

## TC 126 Tobacco and tobacco products

and blood processing equipment for medical and pharmaceutical use

ISO 8536-2:2023 en Infusion equipment for medical use —

Part 2: Closures for infusion bottles

ISO 3402:2023 en

fr

Tobacco and tobacco products — At- mosphere for conditioning and testing

A

## B TC 127 Earth-moving machinery

TC 79 Light metals and their alloys

ISO 7209:2023 en Titanium and titanium alloys — Plate,

sheet and strip — Technical delivery

ISO 12509:2023 en

fr

Earth-moving machinery and rough- terrain trucks — Lighting, signalling and

marking lights, and reflex reflectors G

conditions C

## TC 83 Sports and other recreational facili-

## TC 133 Clothing sizing systems - size desig- nation, size measurement methods and digital fittings

ISO 9462:2023 en

fr

## ties and equipment

Alpine ski-bindings — Requirements and test methods

ISO 8559-4:2023 en

fr

F

Size designation of clothes — Part 4:

Determination of the coverage ratios of

body measurement tables C

## TC 84 Devices for administration of me- dicinal products and catheters

## TC 147 Water quality

ISO fr Water quality — Radium-226 — Part 1: 13165-1:2022 Test method using liquid scintillation

ISO

11608-3:2022

en Needle-based injection systems for

fr medical use — Requirements and test methods — Part 3: Containers and integrated fluid paths

E ISO 7704:2023 en

fr

counting C

Water quality — Requirements for the performance testing of membrane

ISO 21649:2023 en

fr

Needle-free injection systems for medical use — Requirements and test

methods F

filters used for direct enumeration of F microorganisms by culture methods

## TC 149 Cycles

TC 92 Fire safety

ISO 4210-1:2023 en Cycles — Safety requirements for bicy-

cles — Part 1: Vocabulary

ISO

20902-2:2023

en Fire test procedures for divisional ele- ments that are typically used in oil, gas and petrochemical industries — Part 2: Additional procedures for pipe penetra- tion and cable transit sealing systems

A

1. ISO 4210-2:2023 en Cycles — Safety requirements for bicy-

cles — Part 2: Requirements for city and

trekking, young adult, mountain and E

ISO 21843:2023 en Determination of the resistance to

hydrocarbon pool fires of fire protec- tion materials and systems for pressure vessels

## TC 106 Dentistry

racing bicycles

ISO 4210-3:2023 en Cycles — Safety requirements for bicy- E cles — Part 3: Common test methods

B

ISO 4210-4:2023 en Cycles — Safety requirements for bicy-

cles — Part 4: Braking test methods

ISO 4210-5:2023 en Cycles — Safety requirements for bicy-

ISO

11268-2:2023

E

en Soil quality — Effects of pollutants on earthworms — Part 2: Determination

of effects on reproduction of <i>Eisenia F fetida/Eisenia andrei </i>and other

earthworm species

cles — Part 5: Steering test methods

## TC 198 Sterilization of health care products

ISO 4210-6:2023 en Cycles — Safety requirements for

bicycles — Part 6: Frame and fork test

1. ISO/TS 5111:2022

fr Guidance on quality of water for steriliz- ers, sterilization and washer-disinfectors

for health care products F

methods E

ISO 4210-7:2023 en Cycles — Safety requirements for

bicycles — Part 7: Wheel and rim test

methods B

ISO 4210-8:2023 en Cycles — Safety requirements for bicy-

cles — Part 8: Pedal and drive system

test methods B

ISO 4210-9:2023 en Cycles — Safety requirements for

bicycles — Part 9: Saddles and seat-post

test methods B

ISO 8098:2023 en Cycles — Safety requirements for bicy-

cles for young children

F

## TC 154 Processes, data elements and docu- ments in commerce, industry and administration

## TC 201 Surface chemical analysis

ISO 24465:2023 en Surface chemical analysis — Determina-

tion of the minimum detectability of

surface plasmon resonance device B

## TC 206 Fine ceramics

ISO 3169:2023 en Fine ceramics (advanced ceramics,

advanced technical ceramics) — Meth-

ods for chemical analysis of impurities in B aluminium oxide powders using induc-

tively coupled plasma-optical emission spectrometry

ISO 4825-1:2023 en Fine ceramics (advanced ceramics,

advanced technical ceramics) —Test

method for thermal property measure- B ments of metalized ceramic substrates

— Part 1: Evaluation of thermal resist- ance for use in power modules

ISO 5803:2023 en Fine ceramics (advanced ceramics,

advanced technical ceramics) — Test

method for determination of monoclinic B

ISO

|  |  |  |  |  |  |
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| 15000-3:2023 |  | Language (ebXML) — Part 3: Registry and repository | H | ISO 21814:2019 | fr Fine ceramics (advanced advanced technical ceram ods for chemical analysis |
| TC 157 |  | Non-systemic contraceptives and STI barrier prophylactics |  | ISO 21821:2019 | nitride powdersfr Fine ceramics (advanced |
| ISO/TR 24484:2023 | en | Female condoms — Use of ISO 25841 and the quality management of female condoms | C |  | advanced technical cerammination of densification ceramic powders on natu |

en Electronic business eXtensible Markup

phase in zirconia

ceramics,

ics) — Meth-

of aluminium F

ceramics,

ics) — Deter- properties of B ral sintering

calorimetry (DSC) method

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|  TC 163 Thermal performance and energy | TC 207ISO 14020:2022 | fr | Environmental managementEnvironmental statements and pro- |
| use in the built environment |  |  | grammes for products — Principles and |
| ISO 24144:2023 en Thermal insulation — Test methodsfor specific heat capacity of thermal |  |  | general requirements D |
| insulation for buildings in the high tem- D perature range — Differential scanning | TC 212 |  | Clinical laboratory testing and in vitro diagnostic test systems |
|  | ISO 15189:2022 | es | Medical laboratories — Requirements |
| TC 172 |  | Optics and photonics |  |  |  | fr | for quality and competence |
| ISO 8600-4:2023 | en | Endoscopes — Medical endoscopes and endotherapy devices — Part 4: |  |  |  |  | G |
|  |  | Determination of maximum width of | A |  | TC 215 |  | Health informatics |

ISO 10943:2023 en

fr

insertion portion

Ophthalmic instruments — Indirect ophthalmoscopes

ISO 13131:2021 fr Health informatics — Telehealth services

— Quality planning guidelines

F

A

## TC 180 Solar energy

ISO 9847:2023 en Solar energy — Calibration of pyra-

nometers by comparison to a reference pyranometer E

## TC 189 Ceramic tile

ISO/TS

22218-1:2023

ISO/TS

22218-2:2023

en Health informatics — Ophthalmic ex- amination device data — Part 1: General

examination devices H

en Health informatics — Ophthalmic examination device data — Part 2:

Specular microscope E

ISO/TS

17870-3:2023

en Ceramic tiles — Installation — Part 3: Installation of large format porcelain tiles and panels by mechanical means onto a supporting structure

## TC 228 Tourism and related services

1. ISO 3021:2023 en Adventure tourism — Hiking and trek-

king activities — Requirements and

## TC 190 Soil quality

recommendations E

## TC 238 Solid biofuels

ISO 5370:2023 en Solid biofuels — Determination of fines fr content in pellets

ISO/IEC 21558-2:2023

C

ISO/IEC

en Telecommunications and information exchange between systems — Future

network architecture — Part 2: Proxy C model-based quality of service

en Telecommunications and information

ISO

20048-2:2023

en Solid biofuels — Determination of

fr off-gassing and oxygen depletion char- acteristics — Part 2: Operational method for screening of carbon monoxide

off-gassing

21559-2:2023

B

ISO/IEC

exchange between systems — Future

network protocols and mechanisms — F Part 2: Proxy model-based quality of

service

en Information technology — Program-

## TC 256 Pigments, dyestuffs and extenders

1989:2023

ming languages, their environments

and system software interfaces — Pro- H

ISO

18314-2:2023

en Analytical colorimetry — Part 2:

fr Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, depth of shade and hiding power

ISO/IEC

C 9660:2023

gramming language COBOL

en Information processing — Volume and file structure of CD-ROM for information

interchange G

XZ

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| --- | --- | --- | --- | --- | --- | --- |
| TC 261ISO 17295:2023 | en | Additive manufacturingAdditive manufacturing — General prin- |  | ISO/IEC 24760- 1:2019/Amd | en | IT Security and Privacy — A framework for identity management — Part 1: |
|  | fr | ciples — Part positioning, coordinates and orientation | B | 1:2023 |  | Terminology and concepts — Amend-ment 1 |
| ISO/ASTM | en | Additive manufacturing of metals — En- |  | ISO/IEC 24760- 3:2016/Amd | en | Information technology — Security techniques — A framework for identity |
| 52931:2023 | fr | vironment, health and safety — General principles for use of metallic materials | E | 1:2023 |  | management — Part 3: Practice —Amendment 1: Identity Information Lifecycle processes |
| ISO/ASTM 52936-1:2023 | en fr | Additive manufacturing of polymers— Qualification principles — Part 1: General principles and preparation of test specimens for PBF-LB | A | ISO/IEC 27002:2022 | fr | Information security, cybersecurity and privacy protection — Information security controls |
| TC 262 |  | Risk management |  | ISO/IEC 14496- | en | Information technology — Coding of |

XZ

H

ISO 31073:2022 fr Risk management — Vocabulary

22:2019/Amd

2:2023

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ISO/IEC

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| --- | --- | --- | --- | --- | --- | --- | --- |
| TC 268 |  | Sustainable cities and communities |  | 23008-1:2023 |  | ficiency coding and media delivery in |  |
| ISO 37109:2023 | en | Sustainable cities and communities — |  |  |  | heterogeneous environments — Part 1: | H |
|  | fr | Recommendations and requirements |  |  |  | MPEG media transport (MMT) |  |
|  |  | for project developers — Meeting ISO | E | ISO/IEC | en | Information technology — Radio |  |
|  |  | 37101 framework principles |  | 18047-63:2023 |  | frequency identification device con- |  |

audio-visual objects — Part 22: Open

Font Format — Amendment 2: Extend- H ing colour font functionality and other

updates

en Information technology — High ef-

## TC 292 Security and resilience

formance test methods — Part 63: Test H methods for air interface communica-

ISO

22328-3:2023

en Security and resilience — Emergency

management — Part 3: Guidelines for the implementation of a community- based early warning system for tsunamis

1. ISO/IEC 11179-1:2023

tions at 860 MHz to 960 MHz

en Information technology — Metadata registries (MDR) — Part 1: Framework

E

## TC 297 Waste collection and transportation management

ISO 24161:2022 fr Waste collection and transportation

management — Vocabulary

## TC 301 Energy management and energy savings

ISO/IEC 11179-3:2023

A

ISO/IEC 11179-6:2023

en Information technology — Metadata registries (MDR) — Part 3: Metamodel

for registry common facilities H

en Information technology — Metadata registries (MDR) — Part 6: Registration

F

ISO/PAS 50010:2023

en Energy management and energy sav- ings — Guidance for net zero energy in operations using an ISO 50001 energy management system

ISO/IEC

D 11179-30:2023

en Information technology — Metadata registries (MDR) — Part 30: Basic attrib-

utes of metadata B

## IULTCS International Union of Leather Tech- nologists and Chemists Societies

ISO/IEC

11179-31:2023

en Information technology — Metadata registries (MDR) — Part 31: Metamodel

ISO 14268:2023 en

fr

ISO 19076:2023 en

fr

Leather — Physical and mechanical

tests — Determination of water vapour permeability B

Leather — Measurement of leather surface — Electronic techniques

ISO/IEC

11179-32:2023

for data specification registration G

en Information technology — Metadata registries (MDR) — Part 32: Metamodel

for concept system registration G

## JTC 1 Information technology

1. ISO/IEC

11179-33:2023

en Information technology — Metadata registries (MDR) — Part 33: Metamodel

for data set registration E

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| ISO/IEC11179-35:2023 | en | Information technology — Metadata registries (MDR) — Part 35: Metamodel for model registration | G |
| ISO/IEC 30107-3:2023 | en | Information technology — Biometric presentation attack detection — Part 3: Testing and reporting | F |
| ISO/IEC 19086- 2:2018/Amd1:2023 | en | Cloud computing — Service level agree- ment (SLA) framework — Part 2: Metric model — Amendment 1 | XZ |
| ISO/IEC 30179:2023 | en | Internet of Things (IoT) — Overview and general requirements of IoT system for ecological environment monitoring | D |

# Standards confirmed

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

## TC 4 Rolling bearings

ISO 20015:2017

## TC 6 Paper, board and pulps

ISO 3038:1975 (reconfirmed)

ISO 8791-3:2017

## TC 8 Ships and marine technology

ISO 7365:2012 (reconfirmed)

## TC 10 Technical product documentation

ISO 4157-2:1998 (reconfirmed)

ISO 7437:1990 (reconfirmed)

ISO 7518:1983 (reconfirmed)

## TC 17 Steel

ISO 10697-2:1994 (reconfirmed)

## TC 20 Aircraft and space vehicles

ISO 2020-1:1997 (reconfirmed)

ISO 2685:1998 (reconfirmed)

ISO 8399-2:1998 (reconfirmed)

ISO 9763:1999 (reconfirmed)

## TC 21 Equipment for fire protection and fire fighting

ISO 11601:2017

## TC 22 Road vehicles

ISO 3536:2016

ISO 5422:1982 (reconfirmed)

ISO 7656:1993 (reconfirmed)

ISO 9367-1:1989 (reconfirmed)

ISO 9367-2:1994 (reconfirmed)

ISO 13044-1:2012 (reconfirmed)

ISO 13052:2013

## TC 28 Petroleum and related products, fuels and lubricants from natural or synthetic sources

ISO/PAS 23263:2019

## TC 30 Measurement of fluid flow in closed conduits

ISO 12764:2017

ISO 20456:2017

## TC 31 Tyres, rims and valves

ISO 29802:2017

## TC 34 Food products

ISO 934:1980 (reconfirmed)

ISO 935:1988 (reconfirmed)

ISO 6884:2008 (reconfirmed)

ISO 8294:1994 (reconfirmed)

ISO 15301:2001 (reconfirmed)

ISO 15303:2001 (reconfirmed)

## TC 35 Paints and varnishes

ISO 3233-3:2015

ISO 9117-2:2010 (reconfirmed)

ISO 9117-3:2010 (reconfirmed)

## TC 36 Cinematography

ISO 2404:1986 (reconfirmed)

ISO 2939:2015

ISO 2969:2015

ISO 6035:1983 (reconfirmed)

ISO 7739:2016

ISO 12612:2016

ISO 21727:2016

ISO 26429-8:2009 (reconfirmed)

ISO 26430-5:2009 (reconfirmed)

ISO 26430-6:2009 (reconfirmed)

ISO 26430-9:2009 (reconfirmed)

ISO 26433:2009 (reconfirmed)

## TC 38 Textiles

ISO 2959:2011 (reconfirmed)

## TC 39 Machine tools

ISO 229:1973 (reconfirmed)

ISO 298:1973 (reconfirmed)

ISO 299:1987 (reconfirmed)

ISO 2727:1973 (reconfirmed)

ISO 2769:1973 (reconfirmed)

ISO 2891:1977 (reconfirmed)

ISO 2905:1985 (reconfirmed)

ISO 2934:1973 (reconfirmed)

ISO 3476:1975 (reconfirmed)

ISO 3589:1975 (reconfirmed)

ISO 3970:1977 (reconfirmed)

ISO 8540:1993 (reconfirmed)

ISO 9188:1993 (reconfirmed)

ISO 9189:1993 (reconfirmed)

## TC 44 Welding and allied processes

ISO 9455-10:2012 (reconfirmed)

ISO 9455-11:2017

ISO 9455-13:2017

ISO 9455-14:2017

ISO 9455-15:2017

## TC 45 Rubber and rubber products

ISO 6803:2017

ISO 16301:2017

ISO 23297:2017

ISO 4649:2017

## TC 52 Light gauge metal containers

ISO 90-1:1997 (reconfirmed)

## TC 59 Buildings and civil engineering works

ISO 3443-1:1979 (reconfirmed)

ISO 3443-2:1979 (reconfirmed)

ISO 3443-4:1986 (reconfirmed)

ISO 3443-6:1986 (reconfirmed)

ISO 3443-7:1988 (reconfirmed)

ISO 3443-8:1989 (reconfirmed)

ISO 7844:1985 (reconfirmed)

ISO 7845:1985 (reconfirmed)

ISO 7976-1:1989 (reconfirmed)

ISO 7976-2:1989 (reconfirmed)

## TC 67 Oil and gas industries including lower carbon energy

ISO 15136-2:2006 (reconfirmed)

ISO 18647:2017

## TC 69 Applications of statistical methods

ISO 7870-8:2017

## TC 70 Internal combustion engines

ISO 8528-7:2017

ISO 8528-9:2017

## TC 76 Transfusion, infusion and injection, and blood processing equipment for medical and pharmaceutical use

ISO 6710:2017

ISO 15378:2017

## TC 92 Fire safety

ISO 5658-4:2001 (reconfirmed)

ISO 12949:2011 (reconfirmed)

ISO 24473:2008 (reconfirmed)

ISO 3008-2:2017

ISO 6944-1:2008 (reconfirmed)

## TC 96 Cranes

ISO 2374:1983 (reconfirmed)

ISO 13202:2003 (reconfirmed)

ISO 4302:2016

## TC 108 Mechanical vibration, shock and condition monitoring

ISO 4863:1984 (reconfirmed)

ISO 21940-13:2012 (reconfirmed)

ISO 21940-23:2012 (reconfirmed)

ISO 21940-32:2012 (reconfirmed)

## TC 111 Round steel link chains, chain slings, compo- nents and accessories

ISO 3077:2001 (reconfirmed)

## TC 113 Hydrometry

ISO 9827:1994 (reconfirmed)

## TC 119 Powder metallurgy

ISO 3927:2017

ISO 4496:2017

## TC 131 Fluid power systems

ISO 6020-1:2007 (reconfirmed)

ISO 6022:2006 (reconfirmed)

ISO 3968:2017

ISO 21018-3:2008 (reconfirmed)

## TC 138 Plastics pipes, fittings and valves for the transport of fluids

ISO 727-1:2002 (reconfirmed)

ISO 3603:1977 (reconfirmed)

ISO 4132:1979 (reconfirmed)

ISO 9623:1997 (reconfirmed)

ISO 3114:1977 (reconfirmed)

ISO 8361-2:1991 (reconfirmed)

ISO 13761:2017

ISO 18489:2015 (reconfirmed)

## TC 145 Graphical symbols

ISO 80416-2:2001 (reconfirmed)

ISO 80416-4:2005 (reconfirmed)

## TC 146 Air quality

ISO 13138:2012 (reconfirmed)

## TC 150 Implants for surgery

ISO 13781:2017

## TC 159 Ergonomics

ISO 10075-1:2017

## TC 160 Glass in building

ISO 1288-2:2016

ISO 1288-4:2016

ISO 14438:2002 (reconfirmed)

ISO 16940:2008 (reconfirmed)

## TC 164 Mechanical testing of metals

ISO 15363:2017

## TC 172 Optics and photonics

ISO 9849:2017

ISO 16331-1:2017

ISO 17123-4:2012 (reconfirmed)

## TC 192 Gas turbines

ISO 26382:2010 (reconfirmed)

## TC 204 Intelligent transport systems

ISO 17361:2017

## TC 206 Fine ceramics

ISO 18608:2017

## TC 215 Health informatics

ISO 10159:2011 (reconfirmed) ISO/IEEE

11073-10417:2017

ISO/TS 13582:2015 (reconfirmed)

ISO/TS 16843-5:2019

ISO 17090-5:2017

ISO 17523:2016 (reconfirmed)

ISO 25237:2017

## TC 224 Drinking water, wastewater and stormwater systems and services

ISO 24516-3:2017

## TC 228 Tourism and related services

ISO 13687-1:2017

ISO 13687-2:2017

ISO 13687-3:2017 ISO 27547-1:2010 (replaced by ISO/ASTM 52936-1:2023)

## TC 268 Sustainable cities and communities

ISO 37154:2017

ISO/ASTM 52921:2013

(replaced by ISO 17295:2023)

## TC 274 Light and lighting

JTC 1 Information technology

ISO/CIE TS 22012:2019

ISO 30061:2007 (reconfirmed)

## JTC 1 Information technology

ISO/IEC 16963:2017

ISO/IEC 24723:2010 (reconfirmed)

ISO/IEC 11179-7:2019

ISO/IEC TS 11179-30:2019

(replaced by ISO/IEC 11179-33:2023) (replaced by ISO/IEC 11179-30:2023)

# Standards withdrawn

Period from 01 January to 01 February 2023

## TC 20 Aircraft and space vehicles

ISO 5878:1982 (replaced by )

# Meeting calendar

The meeting calendar is available at h[ttps://w](http://www.iso.org/meeting-calendar.html)ww.iso[.org/meeting-calendar.html](http://www.iso.org/meeting-calendar.html)

ISO 5878:1982/Add 1:1983

ISO 5878:1982/Add 2:1983

ISO 5878:1982/Amd 1:1990

(replaced by ) (replaced by ) (replaced by )

## TC 34 Food products

ISO 15213:2003 (replaced by ISO 15213-1:2023)

## TC 42 Photography

ISO/TS 22028-3:2012 (replaced by ISO 22028-3:2023)

## TC 44 Welding and allied processes

ISO 5173:2009/Amd 1:2011

(replaced by )

## TC 46 Information and documentation

ISO 15706-1:2002/ Amd 1:2008

(replaced by ISO 15706-1:2023)

## TC 52 Light gauge metal containers

ISO 10193:2000 (replaced by )

## TC 59 Buildings and civil engineering works

ISO 19208:2016 (replaced by )

## TC 79 Light metals and their alloys

ISO 8685:1992 (replaced by )

TC 159 Ergonomics ISO 9355-2:1999 (replaced by ) ISO 9355-3:2006 (replaced by )

## TC 183 Copper, lead, zinc and nickel ores and concentrates

ISO 15248:1998 (replaced by )

## TC 204 Intelligent transport systems

ISO 13140-2:2016 (replaced by ) ISO 13143-2:2016 (replaced by )

## TC 211 Geographic information/Geomatics

ISO 19149:2011 (replaced by )

TC 261 Additive manufacturing