



În perioada **2022.02.01 – 2022.02.28**

Proiectele de standarde de mai jos sunt supuse anchetei publice. Asupra acestor proiecte poate face observații orice persoană fizică sau juridică, la adresa asro@asro.ro. Proiectele pot fi obținute de la ASRO precizând indicativul și titlul proiectului. Termenul limită până la care se pot trimite comentarii este cu 30 zile calendaristice înainte de termenul limită de vot (dea), indicat după fiecare proiect.

**IULTCS UNIUNEA INTERNAȚIONALĂ A SOCIETĂȚILOR TEHNICIENILOR SI CHIMISTILOR
PIELARI**

ISO/DIS 2418

Leather — Chemical, physical, mechanical and fastness tests — Position and preparation of specimens for testing
dea: 2022-05-17

ISO/DIS 19076

Leather — Measurement of leather surface — Electronic techniques
dea: 2022-05-18

ISO/IEC JTC 1 TEHNOLOGIA INFORMATIEI

ISO/IEC DIS 4005-1

Telecommunications and information exchange between systems — Low altitude drone area network (LADAN) — Part 1: Communication model and requirements
dea: 2022-05-03

ISO/IEC DIS 4005-2

Telecommunications and information exchange between systems — Low altitude drone area network (LADAN) — Part 2: Physical and data link protocols for shared communication
dea: 2022-05-03

ISO/IEC DIS 4005-3

Telecommunications and information exchange between systems — Low altitude drone area network (LADAN) — Part 3: Physical and data link protocols for control communication
dea: 2022-05-03

ISO/IEC DIS 4005-4

Telecommunications and information exchange between systems — Low altitude drone area network (LADAN) — Part 4: Physical and data link protocols for video communication
dea: 2022-05-03

ISO/IEC DIS 4922-1

Information security — Secure multiparty computation — Part 1: General
dea: 2022-05-01

ISO/IEC DIS 15775

Information technology — Office equipment — Method of specifying image reproduction of colour copying machines and multifunction devices with copying modes by printed test charts
dea: 2022-05-05

ISO/IEC DIS 18041-5

Information technology — Computer graphics, image processing and environmental data representation

— Environmental Data Coding Specification (EDCS) language bindings — Part 5: C++
dea: 2022-05-05

ISO/IEC 19086-2:2018/DAmD 1

Cloud computing — Service level agreement (SLA) framework — Part 2: Metric model — Amendment 1
dea: 2022-05-07

ISO/IEC DIS 24751-4

Information technology for learning, education and training — AccessForAll framework for individualized accessibility — Part 4: Registry server API
dea: 2022-05-06

ISO/IEC/IEEE DIS 26531

Systems and software engineering — Content management for product life cycle, user and service management information for users
dea: 2022-05-05

ISO/IEC 27001:2013/DAmD 1

Information technology — Security techniques — Information security management systems — Requirements — Amendment 1
dea: 2022-05-05

ISO/TC 2 ELEMENTE DE ASAMBLARE

ISO/DIS 2702

Fasteners — Heat-treated tapping screws — Mechanical and physical properties
dea: 2022-05-05

ISO/TC 8 NAVE SI TEHNOLOGIE MARITIMA

ISO/DIS 4827

Ships and marine technology — Escorting and pull-back system for tankers
dea: 2022-05-03

ISO/DIS 4845

Ships and marine technology — Combined rigging for deep-sea mooring
dea: 2022-05-02

ISO/DIS 7496-2

Ships and marine technology — Vocabulary on inland navigation vessels — Part 2: Ship's shaftings
dea: 2022-05-06

ISO/TC 10 DOCUMENTATIE TEHNICA DE PRODUS

ISO/DIS 8887-2

Technical product documentation — Design for manufacturing, assembling, disassembling and end-of-life processing — Part 2: Vocabulary
dea: 2022-05-03

ISO/TC 12 MARIMI, UNITATI, SIMBOLURI, FACTORI DE CONVERSIUNE

ISO/DIS 80000-1

Quantities and units — Part 1: General
dea: 2022-05-01

ISO/TC 20 AERONAUTICA SI SPATIU

ISO/DIS 1151-8

Flight dynamics — Concepts, quantities and symbols — Part 8: Concepts and quantities used in the study of the dynamic behaviour of aircraft

dea: 2022-05-19

ISO/DIS 15865

Space systems — Qualification assessment

dea: 2022-05-06

ISO/DIS 22009

Space environment (natural and artificial) — Model of the Earth's magnetospheric magnetic field

dea: 2022-05-05

ISO/DIS 24352

Technical requirements for small unmanned aircraft electric energy systems

dea: 2022-04-30

ISO/TC 22 VEHICULE RUTIERE**ISO 14229-1:2020/DAMd 1**

Road vehicles — Unified diagnostic services (UDS) — Part 1: Application layer — Amendment 1

dea: 2022-05-05

ISO/DIS 18246

Electrically propelled mopeds and motorcycles — Safety requirements for conductive connection to an external electric power supply

dea: 2022-05-04

ISO/DIS 19438

Diesel fuel and petrol filters for internal combustion engines — Filtration efficiency using particle counting and contaminant retention capacity

dea: 2022-05-09

ISO/DIS 22733-1

Road vehicles — Test method to evaluate the performance of autonomous emergency braking systems — Part 1: Car-to-car

dea: 2022-05-05

ISO/TC 23 TRACTOARE SI MATERIALE AGRICOLE SI FORESTIERE**ISO/DIS 11783-7**

Tractors and machinery for agriculture and forestry — Serial control and communications data network — Part 7: Implement messages application layer

dea: 2022-05-07

ISO/DIS 18497-1

Agricultural machinery and tractors — Safety of partially automated, semi-autonomous and autonomous machinery — Part 1: Machine design principles and vocabulary

dea: 2022-05-09

ISO/TC 28 PRODUSE PETROLIERE SI LUBRIFIANTI**ISO 13736:2021/DAMd 1**

Determination of flash point — Abel closed-cup method — Amendment 1: bias statement update

dea: 2022-05-07

ISO/TC 34 PRODUSE ALIMENTARE

ISO/DIS 4214

Milk and milk products — Determination of amino acids in infant formula and other dairy products
dea: 2022-05-05

ISO/DIS 5671

Spices and condiments — Dried chive (*Allium schoenoprasum* L.), cut and ground — Specification
dea: 2022-05-07

ISO 16654:2001/DAmD 2

Microbiology of food and animal feeding stuffs — Horizontal method for the detection of *Escherichia coli* O157 — Amendment 2: Inclusion of performance testing of culture media and reagents
dea: 2022-05-03

ISO/DIS 17715

Flour from wheat (*Triticum aestivum* L.) — Amperometric method for starch damage measurement
dea: 2022-05-09

ISO/DIS 27971

Cereals and cereal products — Common wheat (*Triticum aestivum* L.) — Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology
dea: 2022-05-04

ISO/TC 42 FOTOGRAFIE

ISO/DIS 12233

Photography — Electronic still picture imaging — Resolution and spatial frequency responses
dea: 2022-05-07

ISO/TC 43 ACUSTICA

ISO/DIS 532-3

Acoustics — Methods for calculating loudness — Part 3: Moore-Glasberg-Schlittenlacher method
dea: 2022-05-12

ISO/TC 44 SUDARE SI PROCEDEE CONEXE

ISO/DIS 15614-5

Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 5: Arc welding of titanium, zirconium and their alloys
dea: 2022-05-07

ISO/TC 45 ELASTOMERI SI PRODUSE PE BAZA DE ELASTOMERI

ISO/DIS 188

Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests
dea: 2022-05-10

ISO/DIS 5774

Plastics hoses — Textile-reinforced types for compressed-air applications — Specification
dea: 2022-05-11

ISO/DIS 6502-3

Rubber — Measurement of vulcanization characteristics using curemeters — Part 3: Rotorless curemeter
dea: 2022-05-10

ISO/DIS 6804

Rubber and plastics inlet hoses and hose assemblies for washing-machines and dishwashers —
Specification
dea: 2022-05-11

ISO/DIS 8066-4

Rubber and plastics hoses and hose assemblies for automotive air conditioning — Specification — Part
4: Low vibration transmission type for Refrigerant 1234yf
dea: 2022-05-11

ISO/DIS 12493

Rubber, vulcanized or thermoplastic — Determination of stress in tension under non-isothermal
conditions
dea: 2022-05-05

ISO/TC 59 CONSTRUCTII IMOBILIARE**ISO/DIS 12911**

Organization and digitization of information about buildings and civil engineering works, including building
information modelling (BIM) — Framework for specification of building information modelling (BIM)
implementation
dea: 2022-05-04

ISO/TC 61 MATERIALE PLASTICE**ISO/DIS 4907-1**

Plastics — Ion exchange resin — Part 1: Determination of exchange capacity of acrylic anion exchange
resins
dea: 2022-04-30

ISO/DIS 4907-2

Plastics — Ion exchange resin — Part 2: Determination of water content of anion exchange resins in
hydroxide form
dea: 2022-04-30

ISO/DIS 4907-3

Plastics — Ion exchange resin — Part 3: Determination of exchange capacity of anion exchange resins in
hydroxide form
dea: 2022-04-30

ISO/DIS 6076

Adhesives — Installation of floor coverings, wood flooring, levelling compounds and tiles — Specification
of trowel notch sizes
dea: 2022-05-04

ISO/DIS 19095-5

Plastics — Evaluation of the adhesion interface performance in plastic-metal assemblies — Part 5:
Fracture energy
dea: 2022-05-05

ISO/DIS 20975-1

Fibre-reinforced plastic composites — Determination of laminate of through-thickness properties — Part

1: Direct tension and compression tests
dea: 2022-04-30

ISO/DIS 23930

Fibre-reinforced plastic composites — Full section compression test for pultruded profiles
dea: 2022-04-30

ISO/DIS 24048

Plastics — Determination of bound acrylonitrile content in the continuous phase of acrylonitrile-butadiene-styrene (ABS) by Dumas combustion method
dea: 2022-05-05

IEC/DIS 62321-11

Determination of certain substances in electrotechnical products — Part 11: Determination of Tris (2-chloroethyl) phosphate (TCEP) in plastics by gas chromatography-mass spectrometry (GC-MS) and liquid chromatography-mass spectrometry (LC-MS)
dea: 2022-05-20

**ISO/TC 67 MATERIALE, ECHIPAMENT SI STRUCTURI MARINE PENTRU INDUSTRIILE
PETROLULUI SI GAZELOR NATURALE**

ISO/DIS 19905-1

Petroleum and natural gas industries — Site-specific assessment of mobile offshore units — Part 1: Jack-ups
dea: 2022-05-06

ISO/TC 68 SERVICII FINANCIARE

ISO/DIS 5158

Mobile financial services — Customer identification guidelines
dea: 2022-05-16

ISO/TC 69 APLICATII ALE METODELOR STATISTICE

ISO/DIS 7870-2

Control charts — Part 2: Shewhart control charts
dea: 2022-05-04

**ISO/TC 76 APARATURA DE TRANSFUZIE, PERFUZIE, INJECTIE, PENTRU UTILIZARE MEDICALA
SI FARMACEUTICA**

ISO/DIS 8536-2

Infusion equipment for medical use — Part 2: Closures for infusion bottles
dea: 2022-05-16

ISO/TC 79 METALE USOARE SI ALIAJELE LOR

ISO/DIS 21334

Titanium and titanium alloys — Strip for welded tubes — Technical delivery conditions
dea: 2022-04-29

ISO/TC 82 EXPLOATARI MINIERE-ÎN ASTEPTARE

ISO 23875:2021/DAmD 1

Mining — Air quality control systems for operator enclosures — Performance requirements and test

methods — Amendment 1
dea: 2022-05-12

ISO/TC 84 DISPOZITIVE PENTRU ADMINISTRAREA PRODUSELOR MEDICALE SI CATETERE INTRAVASCULARE

ISO/DIS 21649

Needle-free injection systems for medical use — Requirements and test methods
dea: 2022-05-09

ISO/TC 85 ENERGIE NUCLEARA

ISO/DIS 6980-1

Nuclear energy — Reference beta-particle radiation — Part 1: Methods of production
dea: 2022-04-30

ISO/DIS 6980-2

Nuclear energy — Reference beta-particle radiation — Part 2: Calibration fundamentals related to basic quantities characterizing the radiation field
dea: 2022-05-01

ISO/DIS 6980-3

Nuclear energy — Reference beta-particle radiation — Part 3: Calibration of area and personal dosimeters and the determination of their response as a function of beta radiation energy and angle of incidence
dea: 2022-05-06

ISO/DIS 7097-2

Nuclear fuel technology — Determination of uranium in solutions, uranium hexafluoride and solids — Part 2: Iron(II) reduction/cerium(IV) oxidation titrimetric method
dea: 2022-05-04

ISO/DIS 9271

Decontamination of radioactively contaminated surfaces — Testing of decontamination agents for textiles
dea: 2022-05-09

ISO/DIS 16659-1

Ventilation systems for nuclear facilities — In-situ efficiency test methods for iodine traps with solid sorbent — Part 1: General requirements
dea: 2022-04-29

ISO/DIS 20785-3

Dosimetry for exposures to cosmic radiation in civilian aircraft — Part 3: Measurements at aviation altitudes
dea: 2022-05-01

ISO/TC 106 STOMATOLOGIE

ISO/DIS 5139

Dentistry — Polymer-based composite machinable blanks
dea: 2022-04-30

ISO/DIS 8325

Dentistry — Test methods for rotary instruments
dea: 2022-04-29

ISO/DIS 20749

Dentistry — Pre-capsulated dental amalgam
dea: 2022-05-07

ISO/DIS 24466

Dentistry — Designations for the parts and dimensions of an implant body or a monopart implant
dea: 2022-05-05

ISO/TC 107 ACOPERIRI METALICE SI ALTE ACOPERIRI ANORGANICE**ISO/DIS 4289**

Recommendation and specification of HVOF cermet coatings for metallurgical roll components
dea: 2022-05-12

ISO/DIS 7582

Metallic coatings for electromagnetic interference shielding — Designation and characterization method
dea: 2022-05-12

ISO/TC 123 LAGARE**ISO/DIS 6834**

Plain bearings — Thermo-hydrodynamic lubrication design charts for circular cylindrical bearings under steady-state conditions
dea: 2022-05-04

ISO/TC 126 TUTUN SI PRODUSE DIN TUTUN**ISO/DIS 24197**

Vapour products — Determination of e-liquid vaporised mass and aerosol collected mass
dea: 2022-04-29

ISO/TC 130 TEHNOLOGIE GRAFICA**ISO/DIS 22067-1**

Graphic Technology — Requirements for communication of environmental aspects of printed products — Part 1: General printing
dea: 2022-05-05

ISO/TC 131 SISTEME HIDRAULICE SI PNEUMETICE**ISO/DIS 11500**

Hydraulic fluid power — Determination of the particulate contamination level of a liquid sample by automatic particle counting using the light-extinction principle
dea: 2022-05-18

ISO/DIS 21287

Pneumatic fluid power — Cylinders — Compact cylinders, 1000 kPa (10 bar) series, bores from 20 mm to 100 mm
dea: 2022-05-12

ISO/TC 147 CALITATEA APEI**ISO/DIS 4723**

Water quality — Actinium-227 — Test method using alpha-spectrometry
dea: 2022-05-05

ISO/DIS 13164-4

Water quality — Radon-222 — Part 4: Test method using two-phase liquid scintillation counting
dea: 2022-05-02

ISO/DIS 13167

Water quality — Plutonium, americium, curium and neptunium — Test method using alpha spectrometry
dea: 2022-05-11

ISO/DIS 17294-2

Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2:
Determination of selected elements including uranium isotopes
dea: 2022-05-01

ISO/TC 149 BICICLETE**ISO/DIS 11243**

Cycles — Luggage carriers for bicycles — Requirements and test methods
dea: 2022-05-01

ISO/TC 154 PROCESSE, ELEMENTE INFORMATICE SI DOCUMENTE ÎN COMERT, INDUSTRIE SI ADMINISTRATIE**ISO/DIS 15000-3**

Electronic business eXtensible Markup Language (ebXML) — Part 3: Registry and repository
dea: 2022-05-06

ISO/TC 164 ÎNCERCARI MECANICE ALE METALELOR**ISO/DIS 14556**

Metallic materials — Charpy V-notch pendulum impact test — Instrumented test method
dea: 2022-05-19

ISO/TC 172 OPTICA SI FOTONICA**ISO/DIS 17411**

Optics and photonics — Optical materials and components — Test method for homogeneity of optical glasses by laser interferometry
dea: 2022-05-12

ISO/TC 180 ENERGIE SOLARA**ISO/DIS 9847**

Solar energy — Calibration of pyranometers by comparison to a reference pyranometer
dea: 2022-05-16

ISO/TC 188 NAVE MICI**ISO 12216:2020/DAmD 1**

Small craft — Windows, portlights, hatches, deadlights and doors — Strength and watertightness requirements — Amendment 1
dea: 2022-05-01

ISO 15083:2020/DAmD 1

Small craft — Bilge-pumping systems — Amendment 1
dea: 2022-04-30

ISO 25197:2020/DAmD 1

Small craft — Electrical/electronic control systems for steering, shift and throttle — Amendment 1
dea: 2022-05-05

ISO/TC 189 PLACI CERAMICE

ISO/DIS 17889-2

Ceramic tiling systems — Sustainability for ceramic tiles and installation materials — Part 2: Specification for tile installation materials
dea: 2022-05-09

ISO/TC 190 CALITATEA SOLULUI

ISO/DIS 4974

Soil quality — Guidance on soil temperature measurement
dea: 2022-05-06

ISO/DIS 16387

Soil quality — Effects of contaminants on Enchytraeidae (Enchytraeus sp.) — Determination of effects on reproduction
dea: 2022-05-02

ISO/DIS 22171

Soil quality — Determination of potential cation exchange capacity (CEC) and exchangeable cations buffered at pH 7, using a molar ammonium acetate solution
dea: 2022-05-12

ISO/TC 201 ANALIZE CHIMICE DE SUPRAFATA

ISO/DIS 14606

Surface chemical analysis — Sputter depth profiling — Optimization using layered systems as reference materials
dea: 2022-05-04

ISO/TC 204 SISTEME INTELIGENTE DE TRANSPORT

ISO/DIS 14823-1

Intelligent transport systems — Graphic data dictionary — Part 1: Specification
dea: 2022-05-10

ISO/DIS 23374-1

Intelligent transport systems — Automated valet parking systems (AVPS) — Part 1: System framework, requirements for automated driving, and communication interface
dea: 2022-05-17

ISO/TC 211 INFORMATII GEOGRAFICE

ISO/DIS 19115-3

Geographic information — Metadata — Part 3: XML schema implementation for fundamental concepts
dea: 2022-04-30

ISO/DIS 19123-1

Geographic information — Schema for coverage geometry and functions — Part 1: Fundamentals
dea: 2022-05-04

ISO/DIS 19157-1

Geographic information — Data quality — Part 1: General requirements

dea: 2022-05-10

ISO/DIS 19160-4

Addressing — Part 4: International postal address components and template language

dea: 2022-05-06

ISO/TC 219 ÎNVELITORI PENTRU PARDOSELI**ISO 26986:2010/DAmD 1**

Resilient floor coverings — Expanded (cushioned) poly(vinyl chloride) floor covering — Specification — Amendment 1

dea: 2022-04-29

ISO/TC 220 RECIPIENTE CRIOGENICE**ISO 21014:2019/DAmD 1**

Cryogenic vessels — Cryogenic insulation performance — Amendment 1

dea: 2022-05-03

ISO/TC 238 BIOCOMBUSTIBILI SOLIZI**ISO/DIS 5370**

Solid biofuels — Determination of fines content in pellets.

dea: 2022-05-05

ISO/TC 244 CUPTOARE INDUSTRIALE SI ECHIPAMENTE TERMICE ASOCIATE**ISO/DIS 4529**

Industrial furnaces and associated processing equipment — Secondary steelmaking — Machinery and equipment for treatment of liquid steel

dea: 2022-05-05

ISO/TC 249 MEDICINA TRADITIONALA CHINEZEASCA**ISO/DIS 19609-4**

Traditional Chinese medicine — Quality and safety of raw materials and finished products made with raw materials — Part 4: Testing for preservatives and unwanted compounds

dea: 2022-05-04

ISO/TC 261 FABRICATIA ADITIVA**ISO/ASTM DIS 52926-1**

Additive Manufacturing of metals — Qualification principles — Part 1: General qualification of operators

dea: 2022-04-29

ISO/ASTM DIS 52926-2

Additive Manufacturing of metals — Qualification principles — Part 2: Qualification of operators for PBF-LB

dea: 2022-04-29

ISO/ASTM DIS 52926-3

Additive Manufacturing of metals — Qualification principles — Part 3: Qualification of operators for PBF-EB

dea: 2022-04-29

ISO/ASTM DIS 52926-4

Additive Manufacturing of metals — Qualification principles — Part 4: Qualification of operators for DED-LB

dea: 2022-04-29

ISO/ASTM DIS 52926-5

Additive Manufacturing of metals — Qualification principles — Part 5: Qualification of operators for DED-Arc

dea: 2022-04-29

ISO/TC 268 DEZVOLTAREA DURABILA ÎN COMUNITATI**ISO/DIS 37170**

Smart community infrastructures — Data framework for infrastructure governance based on digital technology in smart cities

dea: 2022-05-09

ISO/TC 269 APLICATII FERROVIARE**ISO/DIS 22163**

Railway applications — Railway quality management system — ISO 9001:2015 and specific requirements for application in the railway sector

dea: 2022-05-10

ISO/TC 276 BIOTEHNOLOGIE**ISO 5058-1:2021/DAmD 1**

Biotechnology — Genome editing — Part 1: Vocabulary — Amendment 1

dea: 2022-05-16

ISO/TC 281 TEHNOLOGIA BULELOR FINE**ISO/DIS 24218-1**

Fine bubble technology — Characterization of fine bubbles — Part 1: Evaluation of size and concentration indices by Laser Diffraction method

dea: 2022-04-30

ISO/TC 292 SECURITATE**ISO/DIS 22387**

Security and resilience — Authenticity, integrity and trust for products and documents — Validation procedures for the application of artefact metrics

dea: 2022-05-17