



În perioada **2024.06.01 – 2024.06.30**

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 ȘI
CHIMIȘTILOR PIELARI**

ISO/DIS 7979

Leather – Tests for colour fastness – Colour fastness to hydroalcoholic mixtures

dea: 2024-09-06

ISO/IEC JTC 1 TEHNOLOGIA INFORMAȚIEI

ISO/IEC 9594-2:2020/DAmD 2

Information technology — Open systems interconnection — Part 2: The Directory: Models — Amendment 2

dea: 2024-08-26

ISO/IEC DIS 16466

Information Technology — 3D Printing and scanning — Assessment methods of 3D scanned data for 3D printing model

dea: 2024-09-02

ISO/IEC DIS 17760-302

Information technology — AT Attachment — Part 302: Zoned Device ATA Command Set-2- (ZAC-2)

dea: 2024-09-04

ISO/IEC 18014-1:2008/DAmD 1

Information technology — Security techniques — Time-stamping services — Part 1: Framework — Amendment 1

dea: 2024-09-13

ISO/IEC DIS 19785-3

Information technology — Common Biometric Exchange Formats Framework — Part 3: Patron format specifications

dea: 2024-09-13

ISO/IEC DIS 19785-4

Information technology — Common Biometric Exchange Formats Framework — Part 4: Security block format specifications

dea: 2024-09-13

ISO/IEC 23008-1:2023/DAmD 1

Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 1: MPEG media transport (MMT) — Amendment 1: Signalling of adaptive

FEC scheme
dea: 2024-09-04

ISO/IEC DIS 23090-26

Information technology — Coded representation of immersive media — Part 26: Conformance and reference software for carriage of geometry-based point cloud compression data
dea: 2024-08-27

ISO/TC 2 ELEMENTE DE ASAMBLARE

ISO/DIS 7040

Fasteners — Prevailing torque hexagon nuts — Regular nuts (with non-metallic insert)
dea: 2024-08-28

ISO/DIS 7041

Fasteners — Prevailing torque hexagon nuts — High nuts (with non-metallic insert)
dea: 2024-08-29

ISO/DIS 7042

Fasteners — Prevailing torque hexagon nuts — High nuts (all metal)
dea: 2024-08-29

ISO/DIS 7719

Fasteners — Prevailing torque hexagon nuts — Regular nuts (all metal)
dea: 2024-08-29

ISO/DIS 7720

Fasteners — Prevailing torque hexagon nuts — High nuts (all metal) with slot(s)
dea: 2024-08-29

ISO/DIS 10511

Fasteners — Prevailing torque hexagon nuts — Thin nuts (with non-metallic insert)
dea: 2024-08-29

ISO/DIS 10512

Fasteners — Prevailing torque hexagon nuts — Regular nuts (with non-metallic insert), with fine pitch thread
dea: 2024-08-29

ISO/DIS 10513

Fasteners — Prevailing torque hexagon nuts — High nuts (all metal), with fine pitch thread
dea: 2024-08-29

ISO/TC 8 NAVE ȘI TEHNOLOGIE MARITIMĂ

ISO/DIS 20679

Ships and marine technology — Marine environment protection — Testing ship biofouling in-water cleaning systems
dea: 2024-09-17

ISO/TC 8/SC 25

ISO/DIS 16259

Ships and marine technology — Performance test procedures of LNG BOG re-liquefaction system on board a ship
dea: 2024-08-27

ISO/TC 20 AERONAUTICĂ ȘI SPAȚIU**ISO/DIS 10785**

Space systems — Bellows — Design and operation
dea: 2024-09-05

ISO/DIS 10786

Space systems — Structural components and assemblies
dea: 2024-09-12

ISO/TC 22 VEHICULE RUTIERE**ISO/DIS 17987-6**

Road vehicles — Local Interconnect Network (LIN) — Part 6: Protocol conformance test specification
dea: 2024-08-26

ISO/DIS 17987-7

Road vehicles — Local Interconnect Network (LIN) — Part 7: Electrical Physical Layer (EPL) conformance test specification
dea: 2024-08-26

ISO/DIS 34505

Road vehicles — Test scenarios for automated driving systems — Scenario evaluation and test case generation
dea: 2024-09-17

ISO/TC 23 TRACTOARE ȘI MATERIALE AGRICOLE ȘI FORESTIERE**ISO 6489-5:2019/DAmD 1**

Agricultural vehicles — Mechanical connections between towed and towing vehicles — Part 5: Specifications for non-swivel clevis couplings — Amendment 1
dea: 2024-09-04

ISO/TC 27 COMBUSTIBILI MINERALI SOLIZI**ISO/DIS 13909-1**

Coal and coke — Mechanical sampling — Part 1: General introduction
dea: 2024-08-29

ISO/DIS 13909-2

Coal and coke — Mechanical sampling — Part 2: Coal — Sampling from moving streams
dea: 2024-08-29

ISO/DIS 13909-3

Coal and coke — Mechanical sampling — Part 3: Coal — Sampling from stationary lots
dea: 2024-08-29

ISO/DIS 13909-4

Coal and coke — Mechanical sampling — Part 4: Coal — Preparation of test samples
dea: 2024-08-27

ISO/DIS 13909-5

Coal and coke — Mechanical sampling — Part 5: Coke — Sampling from moving streams
dea: 2024-08-28

ISO/DIS 13909-6

Coal and coke — Mechanical sampling — Part 6: Coke — Preparation of test samples
dea: 2024-08-27

ISO/DIS 13909-7

Coal and coke — Mechanical sampling — Part 7: Methods for determining the precision of sampling, sample preparation and testing
dea: 2024-08-29

ISO/DIS 13909-8

Coal and coke — Mechanical sampling — Part 8: Methods of testing for bias
dea: 2024-09-03

ISO/TC 28 PRODUSE PETROLIERE ȘI LUBRIFIANȚI**ISO/DIS 11365**

Petroleum and related products — Maintenance and use guide for triaryl phosphate ester turbine control fluids
dea: 2024-09-11

ISO/DIS 11366

Petroleum and related products — Guidance for in-servicing of steam, gas and combined cycle turbines lubricating oils
dea: 2024-09-16

ISO 12917-1:2017/DAmD 1

Petroleum and liquid petroleum products — Calibration of horizontal cylindrical tanks — Part 1: Manual methods — Amendment 1
dea: 2024-09-19

ISO/DIS 13227

Petroleum products and lubricants — Rheological properties of lubricating greases — Determination of flow point using an oscillatory rheometer with a parallel-plate measuring system
dea: 2024-09-04

ISO/DIS 13511

Petroleum products and lubricants — Rheological properties of lubricating greases — Determination of the consistency of greases with metal soap thickener by an oscillatory

rheometer with a cone/plate measuring system
dea: 2024-09-03

ISO/TC 34 PRODUSE ALIMENTARE

ISO/DIS 18390

Cereals pulses and cereal products — Sampling — Simplified routine method
dea: 2024-09-04

ISO/DIS 18419

Oilseeds — Application of near infrared spectrometry
dea: 2024-09-05

ISO/DIS 24607

Honey — Specifications
dea: 2024-09-16

ISO/TC 41 ROȚI ȘI CURELE (INCLUSIV CURELE TRAPEZOIDALE)

ISO/DIS 505

Conveyor belts — Method for the determination of the tear propagation resistance of textile conveyor belts
dea: 2024-08-29

ISO/DIS 5284

Conveyor belts — List of equivalent terms
dea: 2024-09-11

ISO/TC 43 ACUSTICĂ

ISO/DIS 1999

Acoustics — Estimation of noise-induced hearing loss
dea: 2024-09-11

ISO/DIS 17201-2

Acoustics — Noise from shooting ranges — Part 2: Calculation of muzzle blast
dea: 2024-09-09

ISO/DIS 17201-4

Acoustics — Noise from shooting ranges — Part 4: Calculation of projectile sound
dea: 2024-09-09

ISO/TC 44 SUDARE ȘI PROCEDEE CONEXE

ISO/DIS 15614-9

Specification and qualification of welding procedures for metallic materials — Welding procedure test — Part 9: Underwater hyperbaric wet welding
dea: 2024-09-12

ISO/TC 45 ELASTOMERI ȘI PRODUSE PE BAZĂ DE ELASTOMERI

ISO/DIS 1382

Rubber — Vocabulary

dea: 2024-09-11

ISO/DIS 1436

Rubber hoses and hose assemblies — Wire-braid-reinforced hydraulic types for oil-based or water-based fluids — Specification

dea: 2024-09-10

ISO/DIS 1629

Rubber and latices — Nomenclature

dea: 2024-08-26

ISO/DIS 6502-2

Rubber — Measurement of vulcanization characteristics using curemeters — Part 2: Oscillating disc curemeter

dea: 2024-08-29

ISO/DIS 19984-2

Rubber and rubber products — Determination of biobased content — Part 2: Biobased carbon content

dea: 2024-09-13

ISO/DIS 20299-2

Film for wrapping rubber bales — Part 2: Natural rubber and modified natural rubber

dea: 2024-08-30

ISO/TC 46 INFORMARE ȘI DOCUMENTARE**ISO 30302:2022/DAmD 1**

Information and documentation — Management systems for records — Guidelines for implementation — Amendment 1: Replace wrong word conformities in the section nonconformities and corrective actions and including climate change requirements

dea: 2024-08-30

ISO/TC 54 ULEIURI ESENȚIALE**ISO/DIS 24255**Essential oil of clary sage essential oil (*Salvia sclarea* L.) "prewilted" French type and "vert broyée" French type

dea: 2024-09-04

ISO/TC 59 CONSTRUCȚII IMOBILIARE**ISO/DIS 23387**

Building information modelling (BIM) — Data templates for objects used in the life cycle of assets

dea: 2024-09-09

ISO/TC 61 MATERIALE PLASTICE

ISO/DIS 10350-1

Plastics — Acquisition and presentation of comparable single-point data — Part 1: Moulding materials

dea: 2024-09-10

ISO/DIS 12815

Fibre-reinforced plastics — Determination of the plain-pin bearing strength

dea: 2024-08-27

ISO/DIS 12817

Fibre-reinforced plastic composites — Determination of open-hole compression strength

dea: 2024-08-27

ISO/DIS 17880

Cellular plastics — Self-supporting metal faced sandwich panels

dea: 2024-09-17

ISO/TC 67 MATERIALE, ECHIPAMENT ŞI STRUCTURI MARINE PENTRU INDUSTRIILE PETROLULUI ŞI GAZELOR NATURALE**ISO/DIS 10903**

Oil and gas industries including low carbon energy — Pipeline transportation systems — Pipeline geohazard monitoring processes, systems and technologies

dea: 2024-08-26

ISO/DIS 14723

Oil and gas industries including lower carbon energy — Pipeline transportation systems — Subsea pipeline valves

dea: 2024-08-29

ISO/TC 68 SERVICII FINANCIARE**ISO/DIS 9564-5**

Financial services — Personal Identification Number (PIN) management and security — Part 5: Methods for the generation, change, and verification of PINs using 16-byte block ciphers

dea: 2024-09-03

ISO/TC 79 METALE UŞOARE ŞI ALIAJELE LOR**ISO 23515:2022/DAmD 1**

Titanium and titanium alloys — Designation system — Amendment 1

dea: 2024-09-11

ISO/TC 93 AMIDON (INCLUSIV DERIVATE ŞI SUBPRODUSE)**ISO/DIS 21921**

Oxidized Starch — Specifications and test methods

dea: 2024-09-10

ISO/TC 105 CABLURI DE OŢEL

ISO/DIS 4345

Steel wire ropes — Fibre main cores — Specifications
dea: 2024-08-30

ISO/TC 106 STOMATOLOGIE**ISO/DIS 4823**

Dentistry — Elastomeric impression and bite registration materials
dea: 2024-09-11

ISO/DIS 13504

Dentistry — General requirements for instruments and related accessories used in dental implant placement and treatment
dea: 2024-09-10

ISO/DIS 18374

Dentistry — Artificial intelligence (AI) and augmented intelligence (Aul) based 2D radiograph analysis — Data generation, data annotation and data processing
dea: 2024-09-19

ISO/TC 118 COMPRESOARE, SCULE ȘI MAȘINI PNEUMATICE**ISO/DIS 17104**

Rotary tools for threaded fasteners — Impulse and impulsing tools — Performance test method
dea: 2024-09-09

ISO/TC 121 ECHIPAMENTE PENTRU ANESTEZIE ȘI REANIMARE**IEC/DIS 80601-2-23**

Medical electrical equipment — Part 2-23: Particular requirements for the basic safety and essential performance of transcutaneous partial pressure monitoring equipment
dea: 2024-08-30

ISO/TC 122 AMBALAJE**ISO/DIS 6590-1**

Packaging — Terminology — Part 1: Paper sacks
dea: 2024-09-09

ISO/TC 126 TUTUN ȘI PRODUSE DIN TUTUN**ISO/DIS 21109**

Nicotine pouches — Test method for pH
dea: 2024-09-10

ISO/TC 131 SISTEME HIDRAULICE ȘI PNEUMETICE**ISO/DIS 18464**

Hydraulic fluid power — Design methodology for energy efficient systems
dea: 2024-09-05

ISO/TC 135 EXAMINĂRI NEDISTRUCTIVE

ISO/DIS 16809

Non-destructive testing — Ultrasonic thickness determination
dea: 2024-09-09

ISO/DIS 16828

Non-destructive testing — Ultrasonic testing — Time-of-flight diffraction technique for detection and sizing of discontinuities
dea: 2024-09-09

ISO/DIS 19232-3

Non-destructive testing — Image quality of radiographs — Part 3: Image quality values
dea: 2024-09-10

ISO/TC 136 MOBILIER**ISO/DIS 4211-1**

Furniture — Tests for surface finishes — Part 1: Assessment of resistance to cold liquids
dea: 2024-09-04

ISO/TC 138 ȚEVI, FITINGURI ȘI ROBINETE DE MATERIALE PLASTICE PENTRU TRANSPORTUL FLUIDELOR**ISO/DIS 8149**

Unplasticized polyamide (PA-U) pipes — Effect of time and temperature on the expected strength
dea: 2024-08-30

ISO/DIS 16486-4

Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 4: Valves
dea: 2024-09-05

ISO/TC 145 SIMBOLURI GRAFICE**ISO 7001:2023/DAmD 102**

Graphical symbols — Registered public information symbols — Amendment 102: PI BP 020 Do not share food or beverages
dea: 2024-09-02

ISO 7001:2023/DAmD 103

Graphical symbols — Registered public information symbols — Amendment 103: BI PF 084 Hand sanitizer
dea: 2024-09-02

ISO 7001:2023/DAmD 104

Graphical symbols — Registered public information symbols — Amendment 104: PI BP021 Keep windows open
dea: 2024-09-04

ISO 7001:2023/DAmD 105

Graphical symbols — Registered public information symbols — Amendment 105: PI TF045
Rideshare pickup area
dea: 2024-09-04

ISO/TC 147 CALITATEA APEI**ISO/DIS 13165-4**

Water quality — Radium-226 — Part 4: Test method using alpha spectrometry
dea: 2024-08-26

ISO/DIS 16094-3

Water quality — Analysis of microplastic in water — Part 3: Thermo-analytical methods for waters with low content of suspended solids including drinking water
dea: 2024-09-13

ISO/DIS 17244

Water quality — Determination of the toxicity of water samples on the embryo-larval development of Japanese oyster (*Magallana gigas*) and mussel (*Mytilus edulis* or *M. galloprovincialis*)
dea: 2024-09-11

ISO/DIS 17805

Water quality — Sampling, capture and preservation of environmental DNA from water
dea: 2024-09-13

ISO/DIS 18724

Water quality — Determination of dissolved chromium(VI) in water — Photometric method
dea: 2024-08-27

ISO/TC 150 IMPLANTURI CHIRURGICALE**IEC/DIS 80601-2-31**

Medical electrical equipment — Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source
dea: 2024-09-20

ISO/TC 156 COROZIUNEA METALELOR ȘI ALIAJELOR**ISO/DIS 21207**

Corrosion tests in artificial atmospheres — Accelerated corrosion tests involving alternate exposure to corrosion-promoting gases, neutral salt-spray and drying
dea: 2024-08-28

ISO/DIS 26146

Corrosion of metals and alloys — Method for metallographic examination of samples after exposure to high-temperature corrosive environments
dea: 2024-09-09

ISO/TC 171 APLICAȚII ÎN GESTIUNEA DOCUMENTELOR

ISO/DIS 4669-2.2

Document management — Information classification, marking and handling — Part 2: Functional and technical requirements for ICMH solutions
dea: 2024-08-13

ISO/TC 172 OPTICĂ ȘI FOTONICĂ**ISO/DIS 10934**

Microscopes — Vocabulary for light microscopy
dea: 2024-09-03

ISO/DIS 17123-6

Optics and optical instruments — Field procedures for testing geodetic and surveying instruments — Part 6: Rotating lasers
dea: 2024-09-10

ISO/DIS 18221

Microscopes — Microscopes with digital imaging displays — Information provided to the user regarding imaging performance
dea: 2024-08-29

ISO/TC 174 GIUVAERGERIE ȘI BIJUTERII**ISO/DIS 19376-1**

Jewellery and precious metals — Vocabulary — Part 1: Precious metals and units
dea: 2024-09-19

ISO/TC 176 MANAGEMENTUL CALITĂȚII ȘI ASIGURAREA CALITĂȚII**ISO/DIS 54002**

Quality management systems - Guidelines for the application of ISO 9001 in police organizations
dea: 2024-09-04

ISO/TC 181 SECURITATEA JUCĂRIILOR**ISO 8124-1:2022/DAmD 1**

Safety of toys — Part 1: Safety aspects related to mechanical and physical properties — Amendment 1
dea: 2024-09-17

ISO/TC 194 EVALUARE BIOLOGICĂ A DISPOZITIVELOR MEDICALE**ISO 10993-12:2021/DAmD 1**

Biological evaluation of medical devices — Part 12: Sample preparation and reference materials — Amendment 1
dea: 2024-09-11

ISO/DIS 10993-1

Biological evaluation of medical devices — Part 1: Requirements and general principles for the

evaluation of biological safety within a risk management process
dea: 2024-09-16

ISO/DIS 10993-7

Biological evaluation of medical devices — Part 7: Ethylene oxide sterilization residuals
dea: 2024-09-09

ISO/DIS 14155

Clinical investigation of medical devices for human subjects — Good clinical practice
dea: 2024-09-12

ISO/TC 195 MAȘINI ȘI UTILAJE PENTRU CONSTRUCȚII

ISO/DIS 18650-2

Building construction machinery and equipment — Concrete mixers — Part 2: Procedure for examination of mixing efficiency
dea: 2024-09-05

ISO/TC 202 ANALIZE MICROBIENE

ISO/DIS 25498

Microbeam analysis — Analytical electron microscopy — Selected area electron diffraction analysis using a transmission electron microscope
dea: 2024-08-30

ISO/TC 204 SISTEME INTELIGENTE DE TRANSPORT

ISO/DIS 7856

Intelligent transport systems — Remote support for low speed automated driving systems (RS-LSADS) — Performance requirements, system requirements and performance test procedures
dea: 2024-09-10

ISO/TC 209 CAMERE CURATE ȘI MEDII CONTROLATE ASOCIATE

ISO/DIS 14644-5

Cleanrooms and associated controlled environments — Part 5: Operations
dea: 2024-09-09

ISO/TC 211 INFORMAȚII GEOGRAFICE

ISO/DIS 19109

Geographic information — General feature model and rules for application schema
dea: 2024-09-11

ISO/DIS 19152-5

Geographic information — Land Administration Domain Model (LADM) — Part 5: Spatial plan information
dea: 2024-09-11

ISO/TC 219 ÎNVELITORI PENTRU PARDOSELI

ISO/DIS 10833

Textile floor coverings — Determination of resistance to damage at cut edges using the modified Vettermann drum test

dea: 2024-09-19

ISO/TC 220 RECIPIENTE CRIOGENICE**ISO/DIS 21009-1**

Cryogenic vessels — Static vacuum-insulated vessels — Part 1: Design, fabrication, inspection and tests

dea: 2024-08-29

ISO/DIS 24490

Cryogenic vessels — Centrifugal pumps for cryogenic service

dea: 2024-08-26

ISO/TC 221 GEOSINTETICE**ISO/DIS 12236**

Geosynthetics — Static puncture test (CBR test)

dea: 2024-08-27

**ISO/TC 224 ACTIVITĂȚI DE SERVICE PRIVATOARE LA SISTEMELE DE ALIMENTARE
CU APĂ POTABILĂ - CRITERII DE CALITATE A SERVICIILOR ȘI INDICATORI
DE PERFORMANȚA****ISO/DIS 24521**

Drinking water, wastewater and stormwater systems and services — Guidelines for the management of basic on-site domestic wastewater services

dea: 2024-09-19

ISO/DIS 24566-3

Drinking water, wastewater and storm water systems and services — Adaptation of water services to climate change impacts — Part 3: Drinking Water services

dea: 2024-08-27

ISO/DIS 24566-4

Drinking water, wastewater and storm water systems and services — Adaptation of water services to climate change impacts — Part 4: Wastewater services

dea: 2024-08-27

ISO/TC 232 SERVICII DE ÎNVĂȚARE PENTRU EDUCAȚIE NON-FORMALĂ ȘI INSTRUIRE**ISO/DIS 21001**

Educational organizations — Management systems for educational organizations — Requirements with guidance for use

dea: 2024-08-27

ISO/TC 261 FABRICAȚIA ADITIVĂ

ISO/ASTM DIS 52937

Additive manufacturing of metals — Qualification principles — Tasks and related skills for AM
dea: 2024-09-09

**ISO/TC 265 CAPTAREA DIOXIDULUI DE CARBON, TRANSPORT ȘI STOCARE
GEOLOGICĂ****ISO/DIS 27927**

Carbon dioxide capture — Key performance parameters and characterization methods of
absorption liquids for post-combustion CO₂ capture
dea: 2024-08-27

ISO/TC 281 TEHNOLOGIA BULELOR FINE**ISO/DIS 23016-1**

Fine bubble technology — Agricultural applications — Part 1: Test method for evaluating the
growth promotion of hydroponically grown lettuce
dea: 2024-09-16

ISO/TC 309**ISO/DIS 37302**

Compliance management systems — Guidelines for the evaluation of effectiveness
dea: 2024-08-27

ISO/DIS 37303

Compliance management systems — Guidelines for competence management
dea: 2024-08-29