



În perioada **2025.03.01 – 2025.03.31**

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.

ISO/IEC JTC 1 TEHNOLOGIA INFORMAȚIEI

ISO/IEC DIS 6048-5

Information technology — JPEG AI learning-based image coding system — Part 5: File format
dea: 2025-06-12

ISO/IEC/IEEE DIS 12207

Systems and software engineering — Software life cycle processes
dea: 2025-06-02

ISO/IEC DIS 21122-5

Information technology — JPEG XS low-latency lightweight image coding system — Part 5:
Reference software
dea: 2025-06-09

ISO/IEC DIS 21134

Information technology — Computer graphics, image processing and environmental data
representation — Benchmarking of integrated indoor localization and tracking methods using
dead reckoning
dea: 2025-06-18

ISO/IEC 23001-10:2020/DAmD 2

Information technology — MPEG systems technologies — Part 10: Carriage of timed metadata
metrics of media in ISO base media file format — Amendment 2: Support for attenuation maps
dea: 2025-06-16

ISO/IEC DIS 23090-16

Information technology — Coded representation of immersive media — Part 16: Reference
software for versatile video coding
dea: 2025-06-02

ISO/IEC DIS 23090-29

Information technology — Coded representation of immersive media — Part 29: Video-based
dynamic mesh coding (V-DMC)
dea: 2025-06-03

ISO/IEC DIS 23090-30

Information technology — Coded representation of immersive media — Part 30: Low latency,
low complexity LiDAR coding
dea: 2025-06-06

ISO/IEC DIS 25642

Information technology — Data governance — Data collaboration framework

dea: 2025-06-18

ISO/IEC/IEEE DIS 26516

Systems and software engineering — Development and production of instructional videos

dea: 2025-05-29

ISO/IEC DIS 30113-62

Information technology — Gesture-based interfaces across devices and methods — Part 62:

Multi-point gestures for screen readers

dea: 2025-06-12

ISO/TC 2 ELEMENTE DE ASAMBLARE**ISO/DIS 7380-3**

Fasteners — Button head screws with reduced loadability — Part 3: Hexalobular socket button head screws

dea: 2025-06-17

ISO/DIS 7380-4

Fasteners — Button head screws with reduced loadability — Part 4: Hexalobular socket button head screws with collar

dea: 2025-06-17

ISO/DIS 8739.2

Fasteners — Parallel grooved pins, with pilot point — Full-length diamond grooves

dea: 2025-05-01

ISO/DIS 13809

Fasteners — Hexalobular socket set screws

dea: 2025-06-06

ISO/TC 8 NAVE ȘI TEHNOLOGIE MARITIMĂ**ISO/DIS 19697**

Ships and marine technology — Navigation and ship operations — Electronic inclinometers

dea: 2025-05-26

ISO/DIS 21321

Manned submersibles-Manoeuvring test

dea: 2025-06-23

ISO/TC 17 OȚEL**ISO/DIS 11951**

Cold-reduced tinmill products — Blackplate

dea: 2025-06-18

ISO/TC 20 AERONAUTICĂ ȘI SPAȚIU

ISO/DIS 11227

Space systems — Test procedures to evaluate spacecraft material ejecta upon hypervelocity impact

dea: 2025-06-16

ISO/DIS 19683

Space systems — Design qualification and acceptance tests of small spacecraft and units

dea: 2025-06-17

ISO/DIS 20256

Space systems — Solar cells — Calibration procedures

dea: 2025-06-19

ISO/DIS 23705

Space systems — Identifying, evaluating, and avoiding collisions between orbiting objects

dea: 2025-05-28

ISO/DIS 27875

Space systems — Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages

dea: 2025-06-19

ISO/DIS 31915-3

Aircraft ground support equipment — General requirements — Part 3: Vibration measurement methods and reduction

dea: 2025-06-23

ISO/TC 22 VEHICULE ROUTIERE**ISO/DIS 4009**

Commercial vehicles — Location of electrical and pneumatic connections between towing vehicles and trailers

dea: 2025-06-20

ISO/DIS 17978-3

Road vehicles — Service-oriented vehicle diagnostics (SOVD) — Part 3: Application programming interface (API)

dea: 2025-06-23

ISO/DIS 22133

Road vehicles — Test object monitoring and control for active safety and automated/autonomous vehicle testing — Functional requirements, specifications and communication protocol

dea: 2025-05-27

ISO/DIS 23150-11

Road vehicles — Logical interface between sensors and data fusion unit for automated driving functions — Part 11: Radar specific interfaces

dea: 2025-06-10

ISO/DIS 23150-12

Road vehicles — Logical interface between sensors and data fusion unit for automated driving

functions — Part 12: Lidar specific interfaces
dea: 2025-06-10

ISO/DIS 23150-14

Road vehicles — Logical interface between sensors and data fusion unit for automated driving functions — Part 14: Ultrasonic specific interfaces
dea: 2025-06-10

ISO/DIS 23150-15

Road vehicles — Logical interface between sensors and data fusion unit for automated driving functions — Part 15: Microphone specific interfaces
dea: 2025-06-10

ISO/DIS 29061-1

Road vehicles — Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems — Part 1: Vehicles and child restraint systems equipped with ISOFIX anchorages and attachments
dea: 2025-05-28

ISO/DIS 29061-3

Road vehicles — Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems — Part 3: Installation of child restraint systems using vehicle seat belts
dea: 2025-05-28

ISO/DIS 29061-4

Road vehicles — Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems — Part 4: Securing of child in child restraint system and daily handling aspects
dea: 2025-05-28

ISO/DIS 29061-5

Road vehicles — Methods and criteria for usability evaluation of child restraint systems and their interface with vehicle anchorage systems — Part 5: Installation and securing of child in a booster system
dea: 2025-05-28

ISO/TC 34 PRODUCE ALIMENTARE

ISO/DIS 959-1

Pepper (*Piper nigrum* L.), whole or ground — Specification — Part 1: Black pepper
dea: 2025-05-28

ISO/DIS 959-2

Pepper (*Piper nigrum* L.), whole or ground — Specification — Part 2: White pepper
dea: 2025-05-27

ISO/DIS 2825

Spices and condiments — Preparation of a ground sample for analysis
dea: 2025-06-17

ISO 18744:2016/DAmD 1

Microbiology of the food chain — Detection and enumeration of *Cryptosporidium* and *Giardia* in fresh leafy green vegetables and berry fruits — Amendment 1: Method validation studies and performance characteristics

dea: 2025-06-17

ISO/DIS 19615

Meat and fish products — Determination of total volatile basic nitrogen — Semi-micro nitrogen determination method

dea: 2025-06-05

ISO/DIS 19643

Meat and meat products—Determination of nitrite and nitrate content— Continuous flow analysis (CFA) method

dea: 2025-06-18

ISO/TC 35 VOPSELE ȘI LACURI**ISO/DIS 29601**

Paints and varnishes — Corrosion protection by protective paint systems — Assessment of porosity in a dry film

dea: 2025-06-05

ISO/TC 38 TEXTILE**ISO/DIS 1130**

Textiles - Some methods of sampling fibres, yarns and fabrics for testing

dea: 2025-06-02

ISO/DIS 21023

Textiles — Determination of surface chemical properties of carbon fibres using X-ray photoelectron spectroscopy

dea: 2025-06-03

ISO/TC 42 FOTOGRAFIE**ISO/DIS 18937-3**

Imaging materials — Methods for measuring indoor light stability of photographic prints — Part 3: LED lamp exposure

dea: 2025-05-27

ISO/TC 45 ELASTOMERI ȘI PRODUSE PE BAZĂ DE ELASTOMERI**ISO/DIS 2230**

Rubber products — Guidelines for storage

dea: 2025-06-11

ISO/TC 59 CONSTRUCȚII IMOBILIARE

ISO/DIS 13640

Building and civil engineering sealants — Specifications for test substrates

dea: 2025-06-03

ISO/DIS 19067

Building and civil engineering sealants — Determination of changes in colour after laboratory accelerated weathering procedures

dea: 2025-05-27

ISO/TC 60 ANGRENAJE**ISO/DIS 14521**

Gears — Calculation of load capacity of worm gears

dea: 2025-06-13

ISO/TC 61 MATERIALE PLASTICE**ISO 1043-4:2021/DAmD 1**

Plastics — Symbols and abbreviated terms — Part 4: Flame retardants — Amendment 1

dea: 2025-06-02

ISO/DIS 1183-2

Plastics — Methods for determining the density of non-cellular plastics — Part 2: Density gradient column method

dea: 2025-06-03

ISO/DIS 11359-3

Plastics — Thermomechanical analysis (TMA) — Part 3: Determination of penetration temperature

dea: 2025-06-03

ISO/DIS 17223

Plastics — Determination of yellowness index and change in yellowness index

dea: 2025-06-18

ISO/DIS 19717

Plastics — Differential scanning calorimetry (DSC) or thermogravimetric analysis (TGA) — Model-free kinetics based on the non-linear incremental isoconversional method

dea: 2025-06-03

ISO/TC 67 MATERIALE, ECHIPAMENT ȘI STRUCTURI MARINE PENTRU INDUSTRIILE PETROLULUI ȘI GAZELOR NATURALE**ISO/DIS 13503-9**

Oil and gas industries including lower carbon energy - Completion fluids and materials — Part 9: Methods for evaluating performance of acidizing fluids

dea: 2025-06-17

ISO/TC 68 SERVICII FINANCIARE

ISO/DIS 20022-1

Financial services — Universal financial industry message scheme — Part 1: Metamodel
dea: 2025-05-26

ISO/DIS 20022-3

Financial services — Universal financial industry message scheme — Part 3: Modelling
dea: 2025-05-26

ISO/DIS 20022-4

Financial services — Universal financial industry message scheme — Part 4: XML Schema generation
dea: 2025-05-28

ISO/DIS 20022-5

Financial services — Universal financial industry message scheme — Part 5: Conceptual interoperability and reverse engineering
dea: 2025-05-26

ISO/DIS 20022-7

Financial services — Universal financial industry message scheme — Part 7: Registration
dea: 2025-05-26

ISO/DIS 20022-8

Financial services — Universal financial industry message scheme — Part 8: ASN.1 generation
dea: 2025-05-27

ISO/DIS 20022-9

Financial services — Universal financial industry message scheme — Part 9: Syntax generation requirements and rules
dea: 2025-05-27

ISO/TC 69 APLICAȚII ALE METODELOR STATISTICE**ISO/DIS 7870-5**

Control charts — Part 5: Specialized control charts
dea: 2025-06-20

ISO/DIS 24108-1

Grid Square Statistics and their Applications — Part 1: Fundamental Principle of Grid Square Statistics
dea: 2025-05-27

ISO/TC 71 BETON, BETON ARMAT ȘI BETON PRECOMPRIMAT**ISO/DIS 13182**

Classification for discrete polymer fibre for fibre-reinforced cementitious composites
dea: 2025-06-16

ISO/TC 92 SECURITATE LA INCENDIU

ISO/DIS 13571-5

Life-threatening components of fire — Part 5: Heat, smoke obscuration and mass loss models
dea: 2025-06-17

ISO/DIS 24678-6

Fire safety engineering — Requirements governing algebraic formulae — Part 6: Flashover related phenomena
dea: 2025-06-16

ISO/TC 94 SECURITATEA PERSOANEI- ÎMBRĂCĂMINTE ȘI ECHIPAMENTE DE PROTECȚIE**ISO 16321-3:2021/DAmD 1**

Eye and face protection for occupational use — Part 3: Additional requirements for mesh protectors — Amendment 1
dea: 2025-06-06

ISO/TC 104 CONTAINERE**ISO/DIS 1161**

Series 1 freight containers — Corner and intermediate fittings — Specifications
dea: 2025-06-09

ISO/TC 106 STOMATOLOGIE**ISO 1942:2020/DAmD 1**

Dentistry — Vocabulary — Amendment 1: Definitions for types of tests used in standards development
dea: 2025-06-18

ISO/DIS 9680

Dentistry — Operating lights
dea: 2025-06-23

ISO/DIS 10477

Dentistry — Polymer-based crown and veneering materials
dea: 2025-06-02

ISO/DIS 10873

Dentistry — Denture adhesives
dea: 2025-05-28

ISO/DIS 13504.2

Dentistry — General requirements for instruments and related accessories used in dental implant placement and treatment
dea: 2025-05-16

ISO/DIS 23402-1

Dentistry — Portable dental equipment for use in non-permanent healthcare environment — Part 1: General requirements
dea: 2025-06-20

IEC 80601-2-60:2019/DAmD 1

Medical electrical equipment — Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment — Amendment 1

dea: 2025-06-13

ISO/TC 108 VIBRAȚII ȘI ȘOCURI MECANICE**ISO/DIS 18436-8**

Condition monitoring and diagnostics of machines — Requirements for training and certification of personnel — Part 8: Ultrasound

dea: 2025-06-09

ISO/TC 110 CĂRUCIOARE DE MANIPULARE**ISO/DIS 10896-2.2**

Rough-terrain trucks — Safety requirements and verification — Part 2: Slewing trucks

dea: 2025-05-26

ISO/TC 114 CEASORNICĂRIE**ISO/DIS 6426-2**

Horological vocabulary — Part 2: Technical and commercial definitions

dea: 2025-06-02

ISO/TC 121 ECHIPAMENTE PENTRU ANESTEZIE ȘI REANIMARE**ISO/DIS 10524-3**

Pressure regulators for use with medical gases — Part 3: Pressure regulators integrated with cylinder valves (VIPRs)

dea: 2025-06-02

ISO/TC 122 AMBALAJE**ISO/DIS 6591-1**

Packaging — Dimensions and method of measurement — Part 1: Empty paper sacks

dea: 2025-06-02

ISO/TC 136 MOBILIER**ISO/DIS 24975**

Furniture — Beds and mattresses — Methods of measurement and recommended tolerances

dea: 2025-06-19

ISO/TC 138 ȚEVI, FITINGURI ȘI ROBINETE DE MATERIALE PLASTICE PENTRU TRANSPORTUL FLUIDELOR**ISO/DIS 11295**

Plastics piping systems used for the rehabilitation of pipelines — Classification and overview of strategic, tactical and operational activities

dea: 2025-05-29

ISO/TC 145 SIMBOLURI GRAFICE

ISO 7010:2019/DAmD 152

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
152: Safety sign E071: Rescue toboggan
dea: 2025-06-19

ISO 7010:2019/DAmD 153

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
153: Safety sign M063: Remove ski strap from wrist
dea: 2025-06-19

ISO 7010:2019/DAmD 154

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
154: Safety sign M064: Hold two ski poles with a single hand
dea: 2025-06-19

ISO 7010:2019/DAmD 155

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
155: Safety sign M065: Children must be accompanied
dea: 2025-06-19

ISO 7010:2019/DAmD 156

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
156: Safety sign M066: Wear a sports helmet
dea: 2025-06-19

ISO 7010:2019/DAmD 157

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
157: Safety sign M067: Wear snow goggles
dea: 2025-06-19

ISO 7010:2019/DAmD 158

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
158: Safety sign P076: No skiing
dea: 2025-06-19

ISO 7010:2019/DAmD 159

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
159: Safety sign P077: No snowboarding
dea: 2025-06-19

ISO 7010:2019/DAmD 160

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
160: Safety sign P078: No tobogganing or sledding
dea: 2025-06-19

ISO 7010:2019/DAmD 161

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment
161: Safety sign P079: No ice skating
dea: 2025-06-19

ISO 7010:2019/DAmD 162

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 162: Safety sign W082: Warning; Crevasses under snow
dea: 2025-06-19

ISO 7010:2019/DAmD 163

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 163: Safety sign W083: Warning; Avalanche
dea: 2025-06-19

ISO 7010:2019/DAmD 164

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 164: Safety sign W084: Warning; Thunderstorm
dea: 2025-06-19

ISO 7010:2019/DAmD 165

Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 165: Safety sign W085: Warning; Typhoon/hurricane/cyclone zone
dea: 2025-06-19

ISO/TC 146 CALITATEA AERULUI**ISO/DIS 8932-2**

Meteorology — Radiosonde — Part 2: Laboratory test method for errors in radiosonde humidity sensor calibration
dea: 2025-06-18

ISO/DIS 8932-3

Meteorology — Radiosonde — Part 3: Laboratory test method for solar radiation error of temperature sensor in radiosonde
dea: 2025-06-18

ISO/DIS 13977-1

Workplace atmospheres — Assessment of dermal exposure — Part 1: Framework for Dermal exposure assessment
dea: 2025-05-29

ISO/TC 156 COROZIUNEA METALELOR ȘI ALIAJELOR**ISO/DIS 19691**

Measurement method of corrosion for weathering steel structures
dea: 2025-05-30

ISO/DIS 25018

Corrosion of metals and alloys — Determination of resistance to stress corrosion cracking of copper and copper-zinc alloys in ammonia vapour
dea: 2025-05-29

ISO/TC 163 PERFORMANȚA TERMICĂ ȘI UTILIZAREA ENERGIEI TERMICE ÎN CLĂDIRI

ISO/DIS 8145

Thermal insulation — Mineral wool board for overdeck insulation of roofs — Specification
dea: 2025-06-02

ISO/TC 164 ÎNCERCĂRI MECANICE ALE METALELOR**ISO/DIS 20198**

Metallic materials — Steel — Method of test for the determination of brittle crack arrest temperature (CAT)
dea: 2025-05-29

ISO/TC 172 OPTICĂ ȘI FOTONICĂ**ISO/DIS 10322**

Ophthalmic optics — Semi-finished blanks
dea: 2025-06-19

ISO/DIS 11979-1.2

Ophthalmic implants — Intraocular lenses — Part 1: Vocabulary
dea: 2025-05-05

ISO/DIS 11979-4.2

Ophthalmic implants — Intraocular lenses — Part 4: Labelling and information
dea: 2025-05-19

ISO/DIS 21575

Raw optical glass — The powder test method for the water resistance of optical glass — Test method and classification
dea: 2025-06-11

ISO/TC 182 GEOTEHNICĂ**ISO/DIS 22477-6**

Geotechnical investigation and testing — Testing of geotechnical structures — Part 6: Load testing of soil nails and rock bolts
dea: 2025-06-06

ISO/TC 184 SISTEME DE AUTOMATIZARI INDUSTRIALE ȘI STRUCTURI DE INTEGRARE**ISO/DIS 17649**

Automation systems and integration — Model-based standards authoring
dea: 2025-06-06

ISO/TC 189 PLĂCI CERAMICE**ISO/DIS 10545-24.2**

Ceramic tiles — Part 24: Tensile adhesion strength of fibre-combined multilayer ceramic tile and tile adhesive
dea: 2025-05-07

ISO/DIS 10545-25

Ceramic tiles — Part 25: Determination of water reverse staining resistance

dea: 2025-06-09

ISO/TC 193 GAZE NATURALE**ISO/DIS 24833**

Natural Gas — Upstream area — Determination of elemental sulfur solubility by saturated dissolution method

dea: 2025-06-20

ISO/DIS 24835-1

Natural gas upstream area — Determination and calculation of shale brittleness index — Part 1: Determination of shale mineral characteristics based on X-Ray diffraction method

dea: 2025-06-10

ISO/DIS 24835-2

Natural gas upstream area — Determination and calculation of shale brittleness index — Part 2: Determination of shale mechanical characteristics based on triaxial testing method

dea: 2025-06-09

ISO/TC 194 EVALUARE BIOLOGICĂ A DISPOZITIVELOR MEDICALE**ISO/DIS 10993-11**

Biological evaluation of medical devices — Part 11: Tests for systemic toxicity

dea: 2025-06-20

ISO/TC 199 SECURITATEA MAȘINILOR**ISO/DIS 12895.2**

Safety of machinery — Identification of whole body access and prevention of associated risk(s)

dea: 2025-05-15

ISO/TC 201 ANALIZE CHIMICE DE SUPRAFAȚĂ**ISO/DIS 13084**

Surface chemical analysis — Secondary ion mass spectrometry — Calibration of the mass scale for a time-of-flight secondary ion mass spectrometer

dea: 2025-06-09

ISO/DIS 23971

Surface chemical analysis — X-ray fluorescence analysis of particulate matter filters

dea: 2025-05-29

ISO/TC 204 SISTEME INTELIGENTE DE TRANSPORT**ISO/DIS 6029-2**

Intelligent transport systems — Seamless positioning for multimodal transportation in ITS stations — Part 2: Nomadic and mobile device dataset for positioning data fusion

dea: 2025-06-09

ISO/TC 215 INFORMATICĂ MEDICALĂ

ISO/DIS 12052

Health informatics — Digital imaging and communication in medicine (DICOM) including workflow and data management

dea: 2025-06-19

ISO/DIS 16791

Health informatics — Requirements for international machine-readable coding of medicinal product package identifiers

dea: 2025-07-04

ISO/DIS 22532

Health informatics — Identification of medicinal products — Core vocabulary (terms and definitions) for the IDMP Standards

dea: 2025-06-02

ISO/TC 216 ÎNCĂLȚĂMINTE

ISO/DIS 20681

Footwear and footwear components — Test method to assess antimicrobial activity — Agar diffusion test

dea: 2025-06-19

ISO/TC 249 MEDICINĂ TRADIȚIONALĂ CHINEZEASCĂ

ISO/DIS 24898

Traditional Chinese medicine — General requirements for the cultivation and primary processing of herbal materials

dea: 2025-06-09

ISO/TC 260 MANAGEMENTUL RESURSELOR UMANE

ISO/DIS 30201

Human resources management systems — Requirements

dea: 2025-06-12

ISO/TC 261 FABRICAȚIA ADITIVĂ

ISO/ASTM DIS 52957

Additive manufacturing of ceramics — Design — Design guidelines

dea: 2025-06-02

ISO/TC 276 BIOTEHNOLOGIE

ISO/DIS 20012

Biotechnology — Biobanking — Requirements for human natural killer cells derived from pluripotent stem cells

dea: 2025-06-02

ISO/TC 299 ROBOȚI ȘI DISPOZITIVE ROBOTICE

ISO/DIS 18646-5

Robotics — Performance criteria and related test methods for service robots — Part 5:
Locomotion for legged robots

dea: 2025-06-04

ISO/PC 302

ISO/DIS 19011

Guidelines for auditing management systems

dea: 2025-06-09