



În perioada **2024.12.01 – 2024.12.31**

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.

CIE COMISIA INTERNAȚIONALĂ PENTRU ILUMINAT

ISO/CIE DIS 15469

Spatial distribution of daylight — CIE standard general sky
dea: 2025-03-25

IULTCS UNIUNEA INTERNAȚIONALĂ A SOCIETĂȚILOR TEHNICIENILOR ȘI CHIMIȘTILOR PIELARI

ISO/DIS 2417

Leather — Physical and mechanical tests — Determination of the static absorption of water
dea: 2025-03-11

ISO/DIS 25202

Leather — Chemical analysis — Determination of glutaraldehyde content
dea: 2025-03-05

ISO/IEC JTC 1 TEHNOLOGIA INFORMAȚIEI

ISO/IEC 19086-1:2016/DAmD 1

Information technology — Cloud computing — Service level agreement (SLA) framework — Part 1: Overview and concepts — Amendment 1
dea: 2025-03-06

ISO/IEC 19086-2:2018/DAmD 2

Cloud computing — Service level agreement (SLA) framework — Part 2: Metric model — Amendment 2
dea: 2025-03-06

ISO/IEC 19086-3:2017/DAmD 1

Information technology — Cloud computing — Service level agreement (SLA) framework — Part 3: Core conformance requirements — Amendment 1
dea: 2025-03-06

ISO/IEC DIS 19583-26

Information technology — Concepts and usage of metadata — Part 26: XML for representation of ISO/IEC 11179-3:2013 content
dea: 2025-03-14

ISO/IEC DIS 19896-3

Information security, cybersecurity and privacy protection — Requirements for the competence

of IT security conformance assessment body personnel — Part 3: Knowledge and skills requirements for ISO/IEC 15408 evaluators and certifiers
dea: 2025-03-10

ISO/IEC DIS 20931

Information technology — User interfaces — Icons for representing services in serviced offices
dea: 2025-03-05

ISO/IEC DIS 23090-34

Information technology — Coded representation of immersive media — Part 34: Immersive audio reference software
dea: 2025-03-10

ISO/IEC 23092-5:2020/DAmD 1

Information technology — Genomic information representation — Part 5: Conformance — Amendment 1: Version 2 and Part 6 support
dea: 2025-03-04

ISO/IEC DIS 23093-6

Information technology — Internet of media things — Part 6: IoMT Media data formats and API for distributed AI processing
dea: 2025-03-05

ISO/IEC DIS 27404

Cybersecurity — IoT security and privacy — Cybersecurity labelling framework for consumer IoT
dea: 2025-03-10

ISO/IEC DIS 27565

Information security, cybersecurity and privacy protection — Guidelines on privacy preservation based on zero knowledge proofs
dea: 2025-03-11

ISO/IEC DIS 27566-1

Information security, cybersecurity and privacy protection — Age assurance systems — Part 1: Framework
dea: 2025-03-14

ISO/IEC DIS 29151

Information security, cybersecurity and privacy protection – Controls and guidance for personally identifiable information protection
dea: 2025-03-11

ISO/TC 4 RULMENȚI

ISO/DIS 582

Rolling bearings — Chamfer dimensions — Geometrical product specifications (GPS)
dea: 2025-03-11

ISO/TC 20 AERONAUTICĂ ȘI SPAȚIU

ISO/DIS 14303

Space systems — Launch-vehicle-to-spacecraft interfaces
dea: 2025-02-25

ISO/DIS 16159

Space systems — Launch pad and integration site — Facility, system and equipment failure analysis
dea: 2025-03-25

ISO/TC 21 ECHIPAMENT DE PROTECȚIE LA FOC ȘI DE STINGERE A INCENDIULUI**ISO/DIS 7240-1**

Fire detection and alarm systems — Part 1: General and definitions
dea: 2025-03-25

ISO/TC 22 VEHICULE RUTIERE**ISO/DIS 8092-7**

Road vehicles — Connections for on-board electrical wiring harnesses — Part 7: Electrical connection requirements, test methods and interface definition for miniaturized coaxial connections
dea: 2025-03-14

ISO/DIS 10604

Road vehicles — Measuring procedure for aiming of luminous beams of front lighting devices
dea: 2025-03-17

ISO 15118-20:2022/DAmD 1

Road vehicles — Vehicle to grid communication interface — Part 20: 2nd generation network layer and application layer requirements — Amendment 1: AC DER service, MCS service, and improved security concept
dea: 2025-03-07

ISO/DIS 19723-1

Road vehicles — Liquefied natural gas (LNG) fuel systems — Part 1: Safety requirements
dea: 2025-03-21

ISO/DIS 19723-2

Road vehicles — Liquefied natural gas (LNG) fuel systems — Part 2: Test methods
dea: 2025-03-20

ISO/DIS 23150-1

Road vehicles — Logical interface between sensors and data fusion unit for automated driving functions — Part 1: General information and principles
dea: 2025-03-14

ISO/TC 23 TRACTOARE ȘI MATERIALE AGRICOLE ȘI FORESTIERE**ISO/DIS 20019**

Agricultural vehicles — Mechanical connections on towed vehicles — Dimensions for hitch rings
dea: 2025-03-25

ISO/TC 27 COMBUSTIBILI MINERALI SOLIZI

ISO/DIS 2950

Brown coals and lignites — Classification by types on the basis of total moisture mass fraction and tar yield

dea: 2025-03-19

ISO/DIS 7404-1

Coal — Methods for petrographic analysis — Part 1: Vocabulary

dea: 2025-03-18

ISO/DIS 7404-2

Coal — Methods for petrographic analysis — Part 2: Method of preparing coal samples

dea: 2025-03-18

ISO/DIS 7404-3

Coal — Methods for petrographic analysis — Part 3: Method of determining maceral group composition

dea: 2025-03-18

ISO/DIS 7404-4

Coal — Methods for petrographic analysis — Part 4: Method of determining microlithotype, carbominerite and minerite composition

dea: 2025-03-19

ISO/DIS 7404-5

Coal — Methods for petrographic analysis — Part 5: Method of determining microscopically the reflectance of vitrinite

dea: 2025-03-19

ISO/TC 28 PRODUSE PETROLIERE ȘI LUBRIFIANȚI

ISO/DIS 12940-1

Petroleum products and lubricants — Determination of roll stability of lubricating grease — Part 1: Dry condition test

dea: 2025-03-05

ISO/DIS 12940-2

Petroleum products and lubricants — Determination of roll stability of lubricating grease — Part 2: Wet condition test

dea: 2025-03-05

ISO/TC 31 ANVELOPE, JANTE ȘI VALVE

ISO/DIS 3739-1

Industrial tyres and rims — Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims with rim diameter code not exceeding 15 — Part 1: Designation, dimensions and marking

dea: 2025-03-07

ISO/DIS 3739-2

Industrial tyres and rims — Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims with rim diameter codes not exceeding 15 — Part 2: Load ratings
dea: 2025-03-07

ISO/DIS 3739-3

Industrial tyres and rims — Pneumatic tyres (metric series) on 5 degrees tapered or flat base rims with rim diameter codes not exceeding 15 — Part 3: Rims
dea: 2025-03-10

ISO/TC 34 PRODUSE ALIMENTARE**ISO 16140-3:2021/DAmD 1**

Microbiology of the food chain — Method validation — Part 3: Protocol for the verification of reference methods and validated alternative methods in a single laboratory — Amendment 1: Validated identification methods of microorganisms — Technical protocol for verification
dea: 2025-02-26

ISO 16140-4:2020/DAmD 2

Microbiology of the food chain — Method validation — Part 4: Protocol for method validation in a single laboratory — Amendment 2: Protocol for single-laboratory validation of identification methods of microorganisms
dea: 2025-02-24

ISO/TC 35 VOPSELE ŞI LACURI**ISO/DIS 11997-2**

Paints and varnishes — Determination of resistance to cyclic corrosion conditions — Part 2: Wet (salt fog)/dry/humidity/UV light
dea: 2025-03-18

ISO/TC 38 TEXTILE**ISO/DIS 21701**

Textiles — Test method for accelerated hydrolysis of textile materials and biodegradation under controlled composting conditions of the resulting hydrolysate
dea: 2025-03-14

ISO/TC 41 ROŢI ŞI CURELE (INCLUSIV CURELE TRAPEZOIDALE)**ISO/DIS 21180**

Light conveyor belts — Determination of the maximum tensile strength
dea: 2025-03-11

ISO/DIS 21181

Light conveyor belts — Determination of the relaxed elastic modulus
dea: 2025-03-12

ISO/DIS 21182

Light conveyor belts — Determination of the coefficient of friction
dea: 2025-03-11

ISO/TC 43 ACUSTICĂ

ISO/DIS 15664

Acoustics — Noise control design procedures for open plant
dea: 2025-03-10

ISO/TC 44 SUDARE ȘI PROCEDEE CONEXE

ISO/DIS 15608

Welding — Grouping system for metallic materials
dea: 2025-03-06

ISO/TC 59 CONSTRUCȚII IMOBILIARE

ISO/DIS 12006-2

Building construction — Organization of information about construction works — Part 2:
Framework for classification and breakdown structures
dea: 2025-03-04

ISO/DIS 29481-1

Building information models — Information delivery manual — Part 1: Methodology and format
dea: 2025-02-27

ISO/DIS 29481-2

Building information models — Information delivery manual — Part 2: Interaction framework
dea: 2025-03-10

ISO/TC 61 MATERIALE PLASTICE

ISO/DIS 5684

Adhesives — Floor covering adhesives and products for flooring installation — Assessment and
classification of low volatile organic compound (VOC) products
dea: 2025-03-18

ISO/DIS 8203-2

Fibre-reinforced plastic composites — Non-destructive testing — Part 2: Array and air-coupled
ultrasonics
dea: 2025-03-06

ISO/DIS 8203-4

Fibre-reinforced plastic composites — Non-destructive inspection — Part 4: Laser shearography
dea: 2025-03-17

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

ISO/DIS 16530

Oil and gas industries including lower carbon energy — Well integrity — Life cycle governance
dea: 2025-02-24

ISO 19905-1:2023/DAmD 1

Oil and gas industries including lower carbon energy — Site-specific assessment of mobile offshore units — Part 1: Jack-ups: elevated at a site — Amendment 1
dea: 2025-03-10

ISO/DIS 21809-2

Oil and gas industries including lower carbon energy — External coatings for buried or submerged pipelines used in pipeline transportation systems — Part 2: Single layer fusion-bonded epoxy coatings
dea: 2025-03-04

ISO/TC 69 APLICAȚII ALE METODELOR STATISTICE**ISO/DIS 11843-6**

Capability of detection — Part 6: Methodology for the determination of the critical value and the minimum detectable value in Poisson distributed measurements by normal approximations
dea: 2025-03-10

ISO/DIS 22514-7

Statistical methods in process management — Capability and performance — Part 7: Capability of measurement processes
dea: 2025-03-14

ISO/TC 70 MOTOARE CU ARDERE INTERNĂ**ISO/DIS 8528-13**

Reciprocating internal combustion engine driven alternating current generating sets — Part 13: Safety
dea: 2025-03-07

ISO/DIS 8528-4

Reciprocating internal combustion engine driven alternating current generating sets — Part 4: Controlgear and switchgear
dea: 2025-03-25

ISO/TC 79 METALE UȘOARE ȘI ALIAJELE LOR**ISO/DIS 3210**

Anodizing of aluminium and its alloys — Assessment of quality of sealed anodic oxidation coatings by measurement of the loss of mass after immersion in acid solution(s)
dea: 2025-03-19

ISO/TC 86 TEHNICA FRIGULUI ȘI CLIMATIZARE**ISO/DIS 22043**

Ice-cream freezers — Classification, requirements and test conditions
dea: 2025-03-03

ISO/DIS 22044

Commercial beverage coolers — Classification, requirements and test conditions
dea: 2025-02-26

ISO/TC 94 SECURITATEA PERSOANEI- ÎMBRĂCĂMINTE ȘI ECHIPAMENTE DE PROTECȚIE

ISO/DIS 6529

Protective clothing — Protection against chemicals — Determination of resistance of protective clothing materials to permeation by liquids and gases

dea: 2025-03-11

ISO/DIS 9185

Protective clothing — Assessment of resistance of materials to molten metal splash

dea: 2025-03-10

ISO/TC 108 VIBRAȚII ȘI ȘOCURI MECANICE

ISO/DIS 5349-3

Mechanical vibration — Measurement and evaluation of human exposure to hand-transmitted vibration — Part 3: Isolated and repeated shocks using the frequency range of ISO 5349-1

dea: 2025-03-04

ISO/TC 119 METALURGIA PULBERILOR

ISO/DIS 3953

Metallic powders — Determination of tap density

dea: 2025-03-21

ISO/TC 121 ECHIPAMENTE PENTRU ANESTEZIE ȘI REANIMARE

ISO/DIS 12487

Medical electrical equipment — Clinical performance evaluation of clinical thermometers

dea: 2025-02-25

ISO/DIS 17510

Medical devices — Sleep apnoea breathing therapy — Masks and application accessories

dea: 2025-03-03

ISO/DIS 19223-3

Lung ventilators and related equipment — Vocabulary and semantics — Part 3: Respiratory care

dea: 2025-03-18

ISO/DIS 80601-2-70

Medical electrical equipment — Part 2-70: Particular requirements for basic safety and essential performance of sleep apnoea breathing therapy equipment

dea: 2025-03-24

ISO/DIS 80601-2-74

Medical electrical equipment — Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment

dea: 2025-02-28

ISO/DIS 80601-2-90

Medical electrical equipment — Part 2-90: Particular requirements for basic safety and essential performance of respiratory high-flow therapy equipment
dea: 2025-02-28

ISO/TC 123 LAGĂRE**ISO/DIS 31657-3**

Plain bearings — Hydrodynamic plain journal bearings under steady-state conditions — Part 3: Functions for calculation of tilting pad journal bearings
dea: 2025-02-24

ISO/TC 135 EXAMINĂRI NEDISTRUCTIVE**ISO/DIS 32543-2**

Non-destructive testing — Characteristics of focal spots in industrial X-ray systems — Part 2: Edge method with hole type gauges
dea: 2025-03-04

ISO/DIS 32543-3

Non-destructive testing — Characteristics of focal spots in industrial X-ray systems — Part 3: Measurement of the effective focal spot size of mini and micro focus X-ray tubes
dea: 2025-03-11

ISO/TC 136 MOBILIER**ISO/DIS 4211-6**

Furniture — Tests for surface finishes — Part 6: Assessment of the surface resistance to scratching
dea: 2025-03-04

ISO/TC 138 ȚEVI, FITINGURI ȘI ROBINETE DE MATERIALE PLASTICE PENTRU TRANSPORTUL FLUIDELOR**ISO/DIS 10471**

Glass-reinforced thermosetting plastics (GRP) pipes — Determination of the long-term ultimate bending strain and the long-term ultimate relative ring deflection under wet conditions
dea: 2025-03-03

ISO/DIS 24690

Glass reinforced thermosetting plastic (GRP) pipes — Test method for determination of long-term pressure endurance strength
dea: 2025-03-20

ISO/TC 150 IMPLANTURI CHIRURGICALE**ISO/DIS 6631**

Tissue-engineered medical products — Quantification of bovine type I collagen marker peptide with liquid chromatography — Tandem mass spectrometry
dea: 2025-03-06

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

ISO/DIS 21239

Thermal insulation products for buildings – Reflective insulating products – Specification
dea: 2025-03-13

ISO 52016-3:2023/DAmD 1

Energy performance of buildings — Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads — Part 3: Calculation procedures regarding adaptive building envelope elements — Amendment 1: Editorial corrections and technical revision of Annex C - Reference control scenarios for adaptive building envelope elements with dynamic solar shading or chromogenic glazing
dea: 2025-03-18

ISO/TC 164 ÎNCERCĂRI MECANICE ALE METALELOR

ISO/DIS 14577-6

Metallic materials — Instrumented indentation test for hardness and materials parameters — Part 6: Instrumented indentation test at elevated temperature
dea: 2025-03-04

ISO/DIS 23296

Metallic materials – Fatigue testing – Force controlled thermo-mechanical fatigue testing method
dea: 2025-02-25

ISO/TC 171 APLICAȚII ÎN GESTIUNEA DOCUMENTELOR

ISO/DIS 19005-4

Document management — Electronic document file format for long-term preservation — Part 4: Use of ISO 32000-2 (PDF/A-4)
dea: 2025-03-12

ISO/TC 172 OPTICĂ ȘI FOTONICĂ

ISO/DIS 6760-1

Optics and photonics — Test method for temperature coefficient of refractive index of optical glasses — Part 1: Minimum deviation method
dea: 2025-03-18

ISO/DIS 11421

Optics and photonics — Uncertainty of optical transfer function (OTF) measurement
dea: 2025-03-19

ISO/TC 173 PRODUSE AJUTĂTOARE PENTRU PERSOANE CU DEFICIENȚE SAU HANDICAP

ISO/DIS 15621

Absorbent incontinence products for urine and/or faeces — General guidelines on evaluation
dea: 2025-03-21

ISO/TC 184 SISTEME DE AUTOMATIZARI INDUSTRIALE ȘI STRUCTURI DE INTEGRARE

ISO/DIS 16400-5

Automation systems and integration — Equipment behaviour catalogues for virtual production system — Part 5: Interfaces of an equipment behaviour catalogue with production systems engineering and manufacturing operations
dea: 2025-03-24

ISO/TC 195 MAȘINI ȘI UTILAJE PENTRU CONSTRUCȚII

ISO/DIS 19432-2

Building construction machinery and equipment — Portable, hand-held, internal combustion engine-driven abrasive cutting machines — Part 2: Machines for abrasive chains — Safety requirements
dea: 2025-03-17

ISO/TC 199 SECURITATEA MAȘINILOR

ISO/DIS 12100

Safety of machinery — General principles for design — Risk assessment and risk reduction
dea: 2025-03-07

ISO/TC 204 SISTEME INTELIGENTE DE TRANSPORT

ISO/DIS 17573-2

Electronic fee collection — System architecture for vehicle related tolling — Part 2: Vocabulary
dea: 2025-03-18

ISO/DIS 19082

Intelligent transport systems — Definition of data elements and data frames between roadside modules and signal controllers for cooperative signal control
dea: 2025-03-03

ISO/TC 206 CERAMICĂ TEHNICĂ

ISO/DIS 18719

Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of impurities in yttrium oxide powders using inductively coupled plasma-optical emission spectrometry
dea: 2025-03-18

ISO/DIS 19634

Fine ceramics (advanced ceramics, advanced technical ceramics) — Ceramic composites — Notations and symbols
dea: 2025-03-24

ISO/DIS 19674

Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods of test for ceramic coatings — Determination of internal stress in ceramic coatings by application of the

Stoney formula
dea: 2025-03-21

ISO/TC 215 INFORMATICĂ MEDICALĂ

ISO/DIS 16843-1

Health informatics — Categorical structures for representation of acupuncture — Part 1:
Acupuncture points
dea: 2025-03-07

ISO/TC 219 ÎNVELITORI PENTRU PARDOSELI

ISO/DIS 11378-2

Textile floor coverings — Laboratory soiling — Part 2: Drum test
dea: 2025-03-25

ISO/DIS 23999

Resilient floor coverings — Determination of dimensional stability and curling (vertical deformation) after exposure to heat
dea: 2025-03-04

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

ISO/DIS 29997

Internships — Quality guidelines for host organizations
dea: 2025-02-27

ISO/TC 268/SC 2 Mobilité et transports durables

ISO/DIS 16481

Sustainable mobility and transportation — Digital governance — Strategic needs regarding ISO 37101 purposes of sustainability
dea: 2025-03-19

ISO/TC 269 APLICATII FERROVIARE

ISO/DIS 18318

Railway applications — Wheel-rail contact geometry parameters — Definitions and methods for evaluation
dea: 2025-02-25

ISO/TC 281 TEHNOLOGIA BULELOR FINE

ISO/DIS 24758-1

Fine bubble technology — Evaluation method for determining the reactive oxygen species in ultrafine bubble dispersions — Part 1: Probe based kinetic model
dea: 2025-03-25

ISO/DIS 24758-2

Fine bubble technology — Evaluation method for determining the reactive oxygen species in

ultrafine bubble dispersions — Part 2: APF (3'-(p-aminophenyl) fluorescein) assay
dea: 2025-03-25

ISO/TC 292 SECURITATE

ISO/DIS 22372

Security and resilience — Community resilience — Guidelines for resilient infrastructure
dea: 2025-03-13

ISO/TC 340

ISO/DIS 16923

Natural gas fuelling stations — CNG stations for fuelling vehicles
dea: 2025-03-19

ISO/DIS 16924

Natural gas fuelling stations — LNG stations for fuelling vehicles
dea: 2025-03-13