



În perioada **2024.01.01 – 2024.01.31**

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 7816-3:2006/DAmD 1

Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols — Amendment 1: Additional voltage classes
dea: 2024-04-03

ISO/IEC 14496-15:2022/DAmD 3

Information technology — Coding of audio-visual objects — Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format — Amendment 3: Support for neural-network post-filter supplemental enhancement information and other improvements
dea: 2024-04-12

ISO/IEC DIS 14496-1

Information technology — Coding of audio-visual objects — Part 1: Systems
dea: 2024-04-23

ISO/IEC DIS 14496-10

Information technology — Coding of audio-visual objects — Part 10: Advanced video coding
dea: 2024-04-16

ISO/IEC DIS 15938-18

Information technology — Multimedia content description interface — Part 18: Conformance and reference software for compression of neural networks
dea: 2024-04-12

ISO/IEC DIS 19075-10

Information technology — Guidance for the use of database language SQL — Part 10: SQL model (Guide/Model)
dea: 2024-03-28

ISO/IEC DIS 22592-3

Office equipment — Print quality measurement methods for colour prints — Part 3: Physical durability measurement methods
dea: 2024-04-08

ISO/IEC 23008-12:2022/DAmD 2

Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 12: Image File Format — Amendment 2: Renderable text items and other improvements
dea: 2024-04-15

ISO/IEC 23008-2:2023/DAmD 1

Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 2: High efficiency video coding — Amendment 1: New profiles, colour descriptors, and SEI messages
dea: 2024-04-09

ISO/IEC 23090-14:2023/DAmD 2

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
dea: 2024-04-23

ISO/IEC 23090-6:2021/DAmD 2

Information technology — Coded representation of immersive media — Part 6: Immersive media metrics — Amendment 2: Additional latencies and other improvements
dea: 2024-04-18

ISO/IEC DIS 23093-5

Information technology — Internet of media things — Part 5: IoMT autonomous collaboration
dea: 2024-04-23

ISO/IEC DIS 27562

Information technology — Security techniques — Privacy guidelines for fintech services
dea: 2024-04-10

ISO/TC 4 RULMENȚI

ISO 1206:2023/DAmD 1

Rolling bearings — Needle roller bearings with machined rings — Boundary dimensions, geometrical product

specifications (GPS) and tolerance values —
Amendment 1
dea: 2024-04-18

ISO/TC 6 HÂRTIE, CARTON ȘI CELULOZĂ

ISO/DIS 3689

Paper and board — Determination of bursting
strength after immersion in water
dea: 2024-04-09

ISO/DIS 5637

Paper and board — Determination of water
absorption after immersion in water
dea: 2024-04-12

ISO/TC 8 NAVE ȘI TEHNOLOGIE MARITIMĂ

ISO/DIS 6325

Ships and marine technology — Cable
stoppers
dea: 2024-04-18

ISO/DIS 18824

Ships and marine technology — Ship's
mooring and towing fittings — Horizontal
roller fairleads
dea: 2024-04-18

IEC/IEEE DIS 80005-3.2

Utility connections in port — Part 3: Low
Voltage Shore Connection (LVSC) Systems
— General requirements
dea: 2024-03-26

ISO/TC 12 MĂRIMI, UNITĂȚI, SIMBOLURI, FACTORI DE CONVERSIUNE

IEC/DIS 80000-13

Quantities and units — Part 13: Information
science and technology
dea: 2024-03-29

ISO/TC 17 OȚEL

ISO/DIS 4991

Steel castings for pressure purposes
dea: 2024-04-05

ISO/DIS 8353

Steel sheet, zinc-aluminium-magnesium
alloy-coated by the continuous hot-dip
process, of commercial, drawing and
structural qualities
dea: 2024-04-24

ISO/DIS 16468

Investment castings (steel, nickel alloys and
cobalt alloys) — General technical
requirements
dea: 2024-04-09

ISO/TC 20 AERONAUTICĂ ȘI SPAȚIU

ISO/DIS 8913

Aerospace — Lightweight
polytetrafluoroethylene (PTFE) hose
assemblies, classification 400 degrees F/3
000 psi (204 degrees C/20 684 kPa) and 204
degrees C/21 000 kPa (400 degrees F/3 046
psi) — Procurement specification
dea: 2024-04-09

ISO/TC 21 ECHIPAMENT DE PROTECȚIE LA FOC ȘI DE STINGERE A INCENDIULUI

ISO/DIS 7240-27

Fire detection and alarm systems — Part 27:
Point type fire detectors using a smoke
sensor in combination with a carbon
monoxide sensor and, optionally, one or
more heat sensors
dea: 2024-04-16

ISO/DIS 15779

Condensed aerosol fire extinguishing
systems — Requirements and test methods
for components and system design,
installation and maintenance — General
requirements
dea: 2024-04-24

ISO/TC 22 VEHICULE RUTIERE

ISO/DIS 7299-1

Diesel engines — End-mounting flanges for
pumps — Part 1: Fuel injection pumps
dea: 2024-03-25

ISO/DIS 10924-1

Road vehicles — Circuit breakers — Part 1:
Definitions and general test requirements
dea: 2024-04-15

ISO/DIS 10924-2

Road vehicles — Circuit breakers — Part 2:
User's guide
dea: 2024-04-15

ISO/DIS 10924-3

Road vehicles — Circuit breakers — Part 3:
Miniature circuit breakers with tabs (Blade
type), Form CB11
dea: 2024-04-15

ISO/DIS 10924-4

Road vehicles — Circuit breakers — Part 4: Medium circuit breakers with tabs (Blade type), Form CB15
dea: 2024-04-15

ISO/DIS 10924-5

Road vehicles — Circuit breakers — Part 5: Circuit breakers with bolt with rated voltage of 450 V
dea: 2024-04-15

ISO/DIS 13948-2

Diesel engines — Fuel injection pumps and fuel injector low-pressure connections — Part 2: Non-threaded (push-on) connections
dea: 2024-04-09

ISO/DIS 15118-10

Road vehicles — Vehicle to grid communication interface — Part 10: Physical layer and data link layer requirements for single-pair Ethernet
dea: 2024-04-03

ISO/DIS 21498-2

Electrically propelled road vehicles — Electrical specifications and tests for voltage class B systems and components — Part 2: Electrical tests for components
dea: 2024-04-03

ISO 24089:2023/DAMd 1

Road vehicles — Software update engineering — Amendment 1
dea: 2024-04-16

ISO/TC 23 TRACTOARE ȘI MATERIALE AGRICOLE ȘI FORESTIERE**ISO/DIS 6531**

Machinery for forestry — Portable chain-saws — Vocabulary
dea: 2024-04-04

ISO/TC 29 SCULE MICI**ISO/DIS 21949**

Coated abrasives — Plain sheets with holes for dust extraction
dea: 2024-04-18

ISO/DIS 21951

Coated abrasives — Plain discs with holes for dust extraction
dea: 2024-04-18

ISO/TC 33 MATERIALE REFRACTARE**ISO/DIS 20182**

Refractory test-piece preparation — Gunning refractory panels by the pneumatic-nozzle mixing type guns
dea: 2024-03-26

ISO/TC 37 TERMINOLOGIE ȘI ALTE RESURSE LINGVISTICE**ISO/DIS 21720**

XLIFF (XML Localisation interchange file format)
dea: 2024-04-03

ISO/TC 38 TEXTILE**ISO/DIS 7211-2**

Textiles — Methods for analysis of woven fabrics construction — Part 2: Determination of number of threads per unit length
dea: 2024-04-08

ISO/TC 43 ACUSTICĂ**ISO/DIS 7605**

Underwater acoustics — measurement of underwater ambient sound
dea: 2024-04-15

ISO/TC 44 SUDARE ȘI PROCEDEE CONEXE**ISO/DIS 544**

Welding consumables — Technical delivery conditions for filler materials and fluxes — Type of product, dimensions, tolerances and markings
dea: 2024-04-18

ISO/DIS 14344

Welding consumables — Procurement of filler materials and fluxes
dea: 2024-04-16

ISO/TC 45 ELASTOMERI ȘI PRODUSE PE BAZĂ DE ELASTOMERI**ISO/DIS 11237**

Rubber hoses and hose assemblies — Compact wire-braid-reinforced hydraulic types for oil-based or water-based fluids — Specification
dea: 2024-04-23

ISO/TC 48 STICLĂRIE DE LABORATOR ȘI APARATE CONEXE**ISO 8655-7:2022/DAMd 1**

Piston-operated volumetric apparatus — Part

7: Alternative measurement procedures for the determination of volume — Amendment 1
dea: 2024-04-01

**ISO/TC 51 PALETE PENTRU
TRANSPORTUL ȘI
MANIPULAREA UNITĂȚILOR
DE INCĂRCĂTURĂ**

ISO/DIS 8611-1
Pallets for materials handling — Flat pallets
— Part 1: Test methods
dea: 2024-04-15

ISO/DIS 8611-2
Pallets for materials handling — Flat pallets
— Part 2: Performance requirements and
selection of tests
dea: 2024-04-16

ISO/TC 58 BUTELII PENTRU GAZ

ISO 7866:2012/DAmD 2
Gas cylinders — Refillable seamless
aluminium alloy gas cylinders — Design,
construction and testing — Amendment 2
dea: 2024-04-22

ISO/TC 61 MATERIALE PLASTICE

ISO/DIS 1183-1
Plastics — Methods for determining the
density of non-cellular plastics — Part 1:
Immersion method, liquid pycnometer
method and titration method
dea: 2024-04-23

ISO/DIS 1628-1
Plastics — Determination of the viscosity of
polymers in dilute solution using capillary
viscometers — Part 1: General principles
dea: 2024-04-09

ISO/DIS 6427
Plastics — Determination of matter
extractable by organic solvents (conventional
methods)
dea: 2024-04-16

ISO/DIS 6721-10
Plastics — Determination of dynamic
mechanical properties — Part 10: Complex
shear viscosity using a parallel-plate and a
cone-and-plate oscillatory rheometer
dea: 2024-04-15

ISO/DIS 9773
Plastics — Determination of burning
behaviour of thin flexible vertical specimens

in contact with a small-flame ignition source
dea: 2024-04-10

ISO/DIS 17744
Plastics — Determination of specific volume
as a function of temperature and pressure,
pvT diagram — Piston apparatus method
dea: 2024-04-24

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

ISO/DIS 10427-1
Oil and gas industries including lower carbon
energy — Equipment for well cementing —
Part 1: Casing bow-spring centralizers
dea: 2024-03-27

ISO/DIS 10855-3
Offshore containers and associated lifting
sets — Part 3: Periodic inspection,
examination and testing
dea: 2024-04-24

ISO/DIS 22504
Oil and gas industries including lower carbon
energy — Pipeline transportation systems —
Onshore and offshore pipelines pig traps
design requirements
dea: 2024-03-27

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

ISO 7209:2023/DAmD 1
Titanium and titanium alloys — Plate, sheet
and strip — Technical delivery conditions —
Amendment 1: Insertion of ISO 23515 as the
sixth standard in clause 2 Normative
references and insertion of the text citing that
standard into clause 6.2
dea: 2024-04-08

ISO 7217:2023/DAmD 1
Titanium and titanium alloys — Bar, rod and
billet — Technical delivery conditions —
Amendment 1: Insertion of ISO 23515 as the
fifth standard in clause 2 Normative
references and insertion of the text citing that
standard into clause 6.2
dea: 2024-03-28

ISO/TC 85 ENERGIE NUCLEARĂ

ISO/DIS 6863
Nuclear fuel technology — Preparation of

spikes for isotope dilution mass spectrometry (IDMS)
dea: 2024-04-23

ISO/TC 86 TEHNICA FRIGULUI ȘI CLIMATIZARE

ISO/DIS 5222-3

Heat recovery ventilators and energy recovery ventilators — Testing and calculating methods for seasonal performance factor — Part 3: Annual sensible heating and cooling recovery performance factor of heat recovery ventilators
dea: 2024-04-19

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

ISO 21942:2019/DAMd 1

Station uniform for firefighters — Amendment 1
dea: 2024-04-09

ISO/TC 106 STOMATOLOGIE

ISO 7711-1:2021/DAMd 1

Dentistry — Diamond rotary instruments — Part 1: General requirements — Amendment 1
dea: 2024-04-18

ISO/DIS 18397

Dentistry — Powered scaler
dea: 2024-04-19

ISO/TC 108 VIBRAȚII ȘI ȘOCURI MECANICE

ISO 16063-21:2003/DAMd 2

Methods for the calibration of vibration and shock transducers — Part 21: Vibration calibration by comparison to a reference transducer — Amendment 2
dea: 2024-04-03

ISO/TC 127 MAȘINI DE TERASAMENT

ISO/DIS 19014-1

Earth-moving machinery — Functional safety — Part 1: Methodology to determine safety-related parts of the control system and performance requirements
dea: 2024-04-19

ISO/DIS 19014-2

Earth-moving machinery — Functional safety — Part 2: Design and evaluation of hardware

and architecture requirements for safety-related parts of the control system
dea: 2024-04-19

ISO/DIS 19014-4

Earth-moving machinery — Functional safety — Part 4: Design and evaluation of software and data transmission for safety-related parts of the control system
dea: 2024-04-19

ISO/TC 130 TEHNOLOGIE GRAFICĂ

ISO/DIS 15076-2

Image technology colour management — Architecture, profile format and data structure — Part 2: Based on ICC.1:2022
dea: 2024-04-15

ISO/TC 135 EXAMINĂRI NEDISTRUCTIVE

ISO/DIS 16810

Non-destructive testing — Ultrasonic testing — General principles
dea: 2024-04-16

ISO/DIS 16811

Non-destructive testing — Ultrasonic testing — Sensitivity and range setting
dea: 2024-04-11

ISO/DIS 16823

Non-destructive testing — Ultrasonic testing — Through-transmission technique
dea: 2024-04-16

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

ISO/DIS 18984

Ball valves for thermoplastics piping systems for hot and cold water installations under pressure — Types, dimensions and requirements
dea: 2024-04-24

ISO/TC 142 ECHIPAMENT DE CURATIRE PENTRU AER ȘI ALTE GAZE

ISO/DIS 15858

UV-C Devices — Safety information — Permissible human exposure
dea: 2024-04-18

ISO/TC 147 CALITATEA APEI

ISO/DIS 13646

Water quality — Determination of selected estrogens in whole water samples — Method using solid phase extraction (SPE) followed by liquid chromatography (LC) or gas chromatography (GC) coupled to mass spectrometry (MS) detection
dea: 2024-03-25

ISO/DIS 24295

Water quality — Determination of the dioxin-like activity of water and wastewater — Method using in vitro mammalian cell-based reporter gene assay
dea: 2024-04-01

ISO/TC 154 PROCESSE, ELEMENTE INFORMATICE ȘI DOCUMENTE ÎN COMERȚ, INDUSTRIE ȘI ADMINISTRAȚIE**ISO 8601-2:2019/DAmD 1**

Date and time — Representations for information interchange — Part 2: Extensions — Amendment 1
dea: 2024-03-29

ISO/TC 156 COROZIUNEA METALELOR ȘI ALIAJELOR**ISO/DIS 5929**

Corrosion of Metals and Alloys — Test and evaluation method for the corrosion of steel bar embedded in concrete structure exposed to total corrosion zones in marine environments
dea: 2024-04-16

ISO/TC 162 UȘI ȘI FERESTRE**ISO/DIS 16316**

Windows, doors and curtain walling — Impacted by windborne debris in windstorms — Test method and classification
dea: 2024-04-05

ISO/TC 172 OPTICĂ ȘI FOTONICĂ**ISO/DIS 10110-11**

Optics and photonics — Preparation of drawings for optical elements and systems — Part 11: Non-toleranced data
dea: 2024-04-18

ISO/DIS 10110-6

Optics and photonics — Preparation of drawings for optical elements and systems — Part 6: Centring and tilt tolerances
dea: 2024-04-04

ISO/TC 178 ASCENSOARE, SCĂRI RULANTE, TROTUARE RULANTE**ISO/DIS 8103-1**

Escalators and moving walks — Part 1: Safety requirements
dea: 2024-04-18

ISO/TC 182 GEOTEHNICĂ**ISO/DIS 18674-7**

Geotechnical investigation and testing — Geotechnical monitoring by field instrumentation — Part 7: Measurement of strains: Strain gauges
dea: 2024-04-10

ISO/TC 184 SISTEME DE AUTOMATIZARI INDUSTRIALE ȘI STRUCTURI DE INTEGRARE**ISO/DIS 3151-2**

Visualization elements of PLM-MES interface — Part 2: 3D error feedback in heavy industry
dea: 2024-04-01

ISO/DIS 8000-210

Data quality — Part 210: Sensor data: Data quality characteristics
dea: 2024-03-29

ISO/TC 195 MAȘINI ȘI UTILAJE PENTRU CONSTRUCȚII**ISO/DIS 11886**

Drilling and foundation machinery — Soil or soil and rock mixture drilling and foundation machines — Commercial specifications
dea: 2024-04-04

ISO/TC 197 TEHNOLOGII PENTRU HIDROGEN**ISO/DIS 14687**

Hydrogen fuel quality — Product specification
dea: 2024-04-05

ISO/DIS 19881

Gaseous hydrogen — Land vehicle fuel containers
dea: 2024-04-05

ISO/DIS 19882

Gaseous hydrogen — Thermally activated pressure relief devices for compressed

hydrogen vehicle fuel containers
dea: 2024-04-01

**ISO/TC 198 STERILIZAREA
PRODUSELOR DE ÎNGRIJIREA
SĂNĂTĂȚII**

ISO/DIS 11135.2

Sterilization of health care products —
Ethylene oxide — Requirements for the
development, validation and routine control of
a sterilization process for medical devices
dea: 2024-03-07

ISO/TC 202 ANALIZE MICROBIENE

ISO/DIS 17297

Microbeam analysis — Focused ion beam
application for TEM specimen preparation —
Vocabulary
dea: 2024-04-08

ISO/DIS 19214

Microbeam analysis — Analytical electron
microscopy — Method of determination for
apparent growth direction of wirelike crystals
by transmission electron microscopy
dea: 2024-04-11

**ISO/TC 204 SISTEME INTELIGENTE DE
TRANSPORT**

ISO/DIS 17438-3

Intelligent transport systems — Indoor
navigation for personal and vehicle ITS
stations — Part 3: Requirements and
specification for indoor positioning reference
data
dea: 2024-03-25

ISO/DIS 22086-2

Intelligent transport systems (ITS) — Network
based precise positioning infrastructure for
land transportation — Part 2: Functional
requirements and data sets for nomadic
devices
dea: 2024-04-23

ISO/TC 206 CERAMICĂ TEHNICĂ

ISO/DIS 10678

Fine ceramics (advanced ceramics,
advanced technical ceramics) —
Determination of photocatalytic activity of
surfaces in an aqueous medium by
degradation of methylene blue
dea: 2024-04-18

ISO/DIS 14544

Fine ceramics (advanced ceramics,
advanced technical ceramics) — Mechanical
properties of ceramic composites at high
temperature — Determination of compressive
properties
dea: 2024-04-18

ISO/DIS 14574

Fine ceramics (advanced ceramics,
advanced technical ceramics) — Mechanical
properties of ceramic composites at high
temperature — Determination of tensile
properties
dea: 2024-04-19

ISO/TC 211 INFORMAȚII GEOGRAFICE

ISO/DIS 19116

Geographic information — Positioning
services
dea: 2024-04-11

**ISO/TC 213 SPECIFICAȚII ȘI VERIFICĂRI
DIMENSIONALE ȘI
GEOMETRICE ALE
PRODUSELOR**

ISO/DIS 5059-1

Geometrical product specifications (GPS) —
Dimensional measuring equipment: inside
micrometers — Part 1: Two-point inside
micrometers — Design and metrological
characteristics
dea: 2024-03-26

ISO/TC 215 INFORMATICĂ MEDICALĂ

ISO/DIS 21564

Health Informatics — Terminology resource
map quality measures (MapQual)
dea: 2024-04-24

ISO/TC 216 ÎNCĂLȚĂMINTE

ISO/DIS 19952

Footwear — Vocabulary
dea: 2024-04-18

ISO/TC 217 COSMETICE

ISO/DIS 23698

Cosmetics — Measurement of the sunscreen
efficacy by diffuse reflectance spectroscopy
dea: 2024-04-15

ISO/TC 261 FABRICAȚIA ADITIVĂ

ISO/ASTM DIS 52919

Additive manufacturing — Qualification principles — Test methods for metal casting sand moulds
dea: 2024-04-10

ISO/ASTM DIS 52959

Additive Manufacturing of metals — Test artefacts — Compression validation coupons for lattice designs
dea: 2024-04-09

ISO/TC 269 APLICATII FERROVIARE**ISO/DIS 9324**

Railway applications – General guidelines for rolling stock gauges in international railway service
dea: 2024-04-01

ISO/DIS 9828-1

Railway applications — Fire protection on railway vehicles — Part 1: General
dea: 2024-04-09

ISO/DIS 9879

Railway applications — Rolling stock maintenance — Terms and definitions
dea: 2024-03-29

ISO/TC 292 SECURITATE**ISO/DIS 22371**

Security and resilience — Community resilience — Principles and framework for urban resilience
dea: 2024-04-22

ISO/TC 309**ISO/DIS 37003**

Fraud Control Management Systems — Guidance for organizations managing the risk of fraud
dea: 2024-04-08

