



În perioada **2023.02.01 – 2023.02.28**

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.

ISO/IEC JTC 1 TEHNOLOGIA INFORMATIEI

ISO/IEC DIS 4879

Information technology — Quantum computing — Terminology and vocabulary
dea: 2023-05-12

ISO/IEC DIS 4944

Information technology — User interfaces — Evaluating usability of natural user interfaces
dea: 2023-05-01

ISO/IEC DIS 5392

Information technology — Artificial intelligence — Reference architecture of knowledge engineering
dea: 2023-04-28

ISO/IEC DIS 15944-17

Information technology — Business operational view — Part 17: Fundamental principles and rules governing Privacy-by-Design (PbD) requirements in an EDI and collaboration space context
dea: 2023-05-11

ISO/IEC 18013-4:2019/DAmD 1

Personal identification — ISO-compliant driving licence — Part 4: Test methods — Amendment 1: Test methods for compact encoding
dea: 2023-05-17

ISO/IEC DIS 20237

Information Technology — OASIS MQTT based interoperability specification for the industrial internet of things (IIoT) — Sparkplug® version 3.0
dea: 2023-05-03

ISO/IEC 23090-14/DAmD 1

Information technology — Coded representation of immersive media — Part 14: Scene description — Amendment 1: Support for immersive media codecs in scene description
dea: 2023-04-28

ISO/IEC DIS 23090-18/DAmD 1

Information technology — Coded representation of immersive media — Part 18: Carriage of geometry-based point cloud compression data — Amendment 1: Support for temporal scalability
dea: 2023-04-28

ISO/IEC DIS 27006-1.2

Information technology, cybersecurity and privacy protection — Requirements for bodies providing audit and certification of information security management systems — Part 1: General
dea: 2023-04-20

ISO/TC 2 ELEMENTE DE ASAMBLARE

ISO/DIS 3506-7

Fasteners — Mechanical properties of corrosion-resistant stainless-steel fasteners — Part 7: Flat washers with specified grades and property classes
dea: 2023-05-18

ISO/TC 4 RULMENTI

ISO/DIS 22872

Rolling bearings — Geometrical product specifications (GPS) — Terms, definitions and symbols associated with GPS
dea: 2023-05-10

ISO/TC 5 TEVI DIN METALE FEROASE SI RACORDURI METALICE

ISO/DIS 4179

Ductile iron pipes and fittings for pressure and non-pressure pipelines — Cement mortar lining
dea: 2023-05-09

ISO/TC 8 NAVE SI TEHNOLOGIE MARITIMA

ISO/DIS 23799

Ships and marine technology — Assessment of onboard cyber safety
dea: 2023-05-15

**ISO/TC 10 DOCUMENTATIE TEHNICA
DE PRODUS**

IEC/DIS 81355-1

Classification and designation of documents for plants, systems and equipment — Part 1: Rules and classification tables

dea: 2023-04-28

ISO/TC 20 AERONAUTICA SI SPATIU

ISO/DIS 14085-3

Aerospace series — Test methods for hydraulic filter elements — Part 3: Filtration efficiency and retention capacity

dea: 2023-05-09

ISO/DIS 18170

Aerospace series — AC induction electric motor driven, variable delivery, hydraulic pumps — General requirements

dea: 2023-05-09

**ISO/TC 21 ECHIPAMENT DE
PROTECTIE LA FOC SI DE
STINGERE A INCENDIULUI**

ISO/DIS 14520-5

Gaseous fire-extinguishing systems — Physical properties and system design — Part 5: FK-5-1-12 extinguishant

dea: 2023-04-28

ISO/TC 22 VEHICULE RUTIERE

ISO/DIS 11451-1

Road vehicles — Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 1: General principles and terminology

dea: 2023-05-19

ISO/DIS 11451-3

Road vehicles — Vehicle test methods for electrical disturbances from narrowband radiated electromagnetic energy — Part 3: On-board transmitter simulation

dea: 2023-05-09

ISO 27145-2:2012/DAMd 1

Road vehicles — Implementation of World-Wide Harmonized On-Board Diagnostics (WWH-OBD) communication requirements — Part 2: Common data dictionary — Amendment 1

dea: 2023-05-05

ISO/DIS 34504

Road vehicles — Test scenarios for

automated driving systems - Scenario categorization

dea: 2023-05-15

**ISO/TC 28 PRODUSE PETROLIERE SI
LUBRIFIANTI**

ISO/DIS 6919

Measurement of refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels — Dynamic measurement of liquefied natural gas (LNG) as marine fuel — Truck-to-ship (TTS) bunkering

dea: 2023-05-09

ISO/DIS 11158

Lubricants, industrial oils and related products (class L) — Family H (hydraulic systems) — Specifications for categories HH, HL, HM, HV and HG

dea: 2023-04-28

ISO/TC 35 VOPSELE SI LACURI

ISO/DIS 17895

Paints and varnishes — Determination of volatile organic compound (VOC) — Gas-chromatographic method with headspace injection for VOC determination

dea: 2023-04-27

**ISO/TC 37 TERMINOLOGIE SI ALTE
RESURSE LINGVISTICE**

ISO/DIS 17651-1

Simultaneous interpreting — Interpreters' working environment — Part 1: Requirements and recommendations for permanent booths

dea: 2023-05-01

ISO/DIS 17651-2

Simultaneous interpreting — Interpreters' working environment — Part 2: Requirements and recommendations for mobile booths

dea: 2023-04-28

ISO/TC 43 ACUSTICA

ISO 17208-1:2016/DAMd 1

Underwater acoustics — Quantities and procedures for description and measurement of underwater sound from ships — Part 1: Requirements for precision measurements in deep water used for comparison purposes — Amendment 1

dea: 2023-05-15

**ISO/TC 45 ELASTOMERI SI PRODUSE
PE BAZA DE ELASTOMERI**

ISO/DIS 2398

Rubber hoses, textile-reinforced, for compressed air — Specification
dea: 2023-05-11

ISO/TC 47 CHIMIE**ISO/DIS 7431-1**

Thiourea for industrial use — Part 1: Test methods
dea: 2023-05-08

ISO/DIS 7431-2

Thiourea for industrial use — Part 2: Specifications
dea: 2023-05-08

ISO/TC 58 BUTELII PENTRU GAZ**ISO/DIS 10297**

Gas cylinders — Cylinder valves — Specification and type testing
dea: 2023-05-23

ISO/DIS 14456

Gas cylinders — Gas properties and associated classification (FTSC) codes
dea: 2023-04-26

ISO/DIS 22435

Gas cylinders — Cylinder valves with integrated pressure regulators — Specification and type testing
dea: 2023-05-19

ISO/TC 59 CONSTRUCTII IMOBILIARE**ISO/DIS 16739-1**

Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries — Part 1: Data schema
dea: 2023-05-15

ISO/TC 61 MATERIALE PLASTICE**ISO/DIS 899-2**

Plastics — Determination of creep behaviour — Part 2: Flexural creep by three-point loading
dea: 2023-05-03

ISO/DIS 6186

Plastics — Determination of pourability
dea: 2023-05-02

ISO/DIS 7059

Caprolactam for industrial use —

Determination of absorbance at a wavelength of 290 nm
dea: 2023-05-05

ISO/DIS 8112

Caprolactam for industrial use — Determination of colour of 50 % aqueous caprolactam solution, expressed in Hazen units (platinum-cobalt scale) — Spectrometric method
dea: 2023-05-05

ISO/DIS 22007-4

Plastics — Determination of thermal conductivity and thermal diffusivity — Part 4: Light flash method
dea: 2023-05-11

ISO/TC 67 MATERIALE, ECHIPAMENT SI STRUCTURI MARINE PENTRU INDUSTRIILE PETROLULUI SI GAZELOR NATURALE**ISO/DIS 15544**

Petroleum and natural gas industries — Offshore production installations — Requirements and guidelines for emergency response
dea: 2023-05-10

ISO/TC 85 ENERGIE NUCLEARA**ISO/DIS 4917-1**

Design of Nuclear Power Plants against Seismic Events — Part 1: Principles
dea: 2023-05-23

ISO/DIS 4917-3

Design of Nuclear Power Plants against Seismic Events — Part 3: Civil Structures
dea: 2023-05-23

ISO/DIS 4917-4

Design of Nuclear Power Plants against Seismic Events — Part 4: Components
dea: 2023-05-23

ISO/DIS 4917-6

Design of Nuclear Power Plants against Seismic Events — Part 6: Post-Seismic Measures
dea: 2023-05-23

ISO/TC 86 TEHNICA FRIGULUI SI CLIMATIZARE**ISO 16494-1:2022/DAMd 1**

Heat recovery ventilators and energy

recovery ventilators — Method of test for performance — Part 1: Development of metrics for evaluation of energy related performance — Amendment 1
dea: 2023-05-17

ISO 21922:2021/DAMd 1

Refrigerating systems and heat pumps — Valves — Requirements, testing and marking — Amendment 1
dea: 2023-05-15

**ISO/TC 108 VIBRATII SI SOCURI
MECANICE**

ISO/DIS 10813-1

Vibration generating machines — Guidance for selection — Part 1: Equipment for environmental testing
dea: 2023-04-27

**ISO/TC 110 CARUCIOARE DE
MANIPULARE**

ISO/DIS 22915-16

Industrial trucks — Verification of stability — Part 16: Pedestrian-propelled trucks
dea: 2023-05-08

ISO/TC 113 HIDROMETRIE

ISO/DIS 19234

Hydrometry — Low cost baffles to aid fish passage on triangular profile gauging weirs
dea: 2023-04-28

**ISO/TC 121 ECHIPAMENTE PENTRU
ANESTEZIE SI REANIMARE**

ISO 10524-1:2018/DAMd 1

Pressure regulators for use with medical gases — Part 1: Pressure regulators and pressure regulators with flow-metering devices — Amendment 1
dea: 2023-05-17

ISO 80601-2-55:2018/DAMd 1

Medical electrical equipment — Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors — Amendment 1
dea: 2023-05-05

ISO/TC 127 MASINI DE TERASAMENT

ISO/DIS 7021

Earth-moving machinery and machinery for forestry — Operator protective structures — Material performance requirements
dea: 2023-05-02

ISO/TC 130 TEHNOLOGIE GRAFICA

ISO/DIS 24487

Graphic technology — Processless lithographic plates — Evaluation methods for characteristics and performance
dea: 2023-05-09

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

ISO/DIS 11619

Pneumatic fluid power — Polyurethane and polyamide tubings for use primarily in pneumatic installations — Dimensions and specification
dea: 2023-05-17

**ISO/TC 135 EXAMINARI
NEDISTRUCTIVE**

ISO/DIS 5580

Non-destructive testing — Industrial radiographic illuminators — Minimum requirements
dea: 2023-04-26

**ISO/TC 138 TEVI, FITINGURI SI
ROBINETE DE MATERIALE
PLASTICE PENTRU
TRANSPORTUL FLUIDELOR**

ISO/DIS 9854-2.2

Thermoplastics pipes for the transport of fluids — Determination of Charpy impact properties — Part 2: Test conditions for pipes of various materials
dea: 2023-04-10

ISO/DIS 13265

Thermoplastics piping systems for non-pressure underground drainage and sewerage — Joints for buried non-pressure applications — Test method for the long-term sealing performance of joints with elastomeric seals by estimating the sealing pressure
dea: 2023-04-28

ISO/TC 147 CALITATEA APEI

ISO/DIS 10253

Water quality — Marine algal growth inhibition test with *Skeletonema* sp. and *Phaeodactylum tricornutum*
dea: 2023-05-12

**ISO/TC 150 IMPLANTURI
CHIRURGICALE**

ISO/DIS 5832-1

Implants for surgery — Metallic materials —
Part 1: Wrought stainless steel
dea: 2023-05-22

ISO/DIS 5832-11

Implants for surgery — Metallic materials —
Part 11: Wrought titanium 6-aluminium 7-
niobium alloy
dea: 2023-05-16

ISO/DIS 5832-4

Implants for surgery — Metallic materials —
Part 4: Cobalt-chromium-molybdenum
casting alloy
dea: 2023-05-15

ISO/DIS 5832-7

Implants for surgery — Metallic materials —
Part 7: Forgeable and cold-formed cobalt-
chromium-nickel-molybdenum-iron alloy
dea: 2023-05-16

**ISO/TC 160 STICLA PENTRU
CONSTRUCTII****ISO/DIS 22897**

Glass in building — Glazing and airborne
sound insulation — Product descriptions,
determination of properties and extension
rules
dea: 2023-05-12

**ISO/TC 161 ARZATOARE CU
COMBUSTIBIL GAZOS SAU
LICHID SI DISPOZITIVE
PENTRU ARZATOARE CU
COMBUSTIBIL LICHID SAU
GAZOS****ISO/DIS 23555-3**

Gas pressure safety and control devices for
use in gas transmission, distribution and
installations for inlet pressures up to and
including 10 MPa — Part 3: Safety shut-off
devices
dea: 2023-05-11

**ISO/TC 163 PERFORMANTA TERMICA
SI UTILIZAREA ENERGIEI
TERMICE ÎN CLADIRI****ISO 10077-2:2017/DAmD 1**

Thermal performance of windows, doors and
shutters — Calculation of thermal
transmittance — Part 2: Numerical method
for frames — Amendment 1
dea: 2023-05-11

ISO/TC 165 STRUCTURI DE LEMN**ISO/DIS 5257**

Bamboo Structures – Engineered bamboo
products – Test methods for determination of
mechanical properties using small size
specimens
dea: 2023-05-22

**ISO/TC 171 APLICATII ÎN GESTIUNEA
DOCUMENTELOR****ISO 32000-2:2020/DAmD 1**

Document management — Portable
document format — Part 2: PDF 2.0 —
Amendment 1
dea: 2023-05-15

**ISO/TC 172 OPTICA SI FOTONICA
ISO 9022-2:2015/DAmD 1**

Optics and photonics — Environmental test
methods — Part 2: Cold, heat and humidity
— Amendment 1
dea: 2023-05-01

ISO/DIS 11979-7

Ophthalmic implants — Intraocular lenses —
Part 7: Clinical investigations of intraocular
lenses for the correction of aphakia
dea: 2023-05-12

**ISO/TC 173 PRODUSE AJUTATOARE
PENTRU PERSOANE CU
DEFICIENTE SAU HANDICAP****ISO/DIS 6273**

Assistive products — Accessibility guidelines
in the survey of user needs of persons with
impaired sensory functions for assistive
products and services
dea: 2023-05-17

**ISO/TC 176 MANAGEMENTUL CALITATII
SI ASIGURAREA CALITATII****ISO/DIS 10009**

Quality management — Guidance for quality
tools and their application
dea: 2023-05-08

**ISO/TC 184 SISTEME DE
AUTOMATIZARI INDUSTRIALE
SI STRUCTURI DE INTEGRARE****ISO/DIS 16400-3**

Automation systems and integration —
Equipment behaviour catalogues for virtual
production system — Part 3: Guideline for

construction of equipment instance model
dea: 2023-04-28

ISO/TC 188 NAVE MICI

ISO/DIS 15085

Small craft — Man-overboard prevention and recovery
dea: 2023-05-08

ISO/TC 190 CALITATEA SOLULUI

ISO/DIS 11074

Soil quality — Vocabulary
dea: 2023-05-08

ISO/TC 193 GAZE NATURALE

ISO/DIS 2612

Analysis of natural gas — Biomethane — Determination of ammonia content by Tuneable Diode Laser Absorption Spectroscopy
dea: 2023-05-08

ISO/DIS 2613-2

Analysis of natural gas — Biomethane — Part 2: Determination of siloxane content by gas chromatography ion mobility spectrometry
dea: 2023-05-08

**ISO/TC 205 PROIECTAREA
AMBIENTULUI DIN CLADIRI**

ISO 11855-6:2018/DAMd 1

Building environment design — Design, dimensioning, installation and control of embedded radiant heating and cooling systems — Part 6: Control — Amendment 1
dea: 2023-05-17

ISO/TC 211 INFORMATII GEOGRAFICE

ISO 19111:2019/DAMd 2

Geographic information — Referencing by coordinates — Amendment 2
dea: 2023-05-11

ISO 19162:2019/DAMd 1

Geographic information — Well-known text representation of coordinate reference systems — Amendment 1
dea: 2023-05-09

**ISO/TC 249 MEDICINA TRADITIONALA
CHINEZEASCA**

ISO/DIS 9109

Traditional Chinese medicine — Rehmannia glutinosa root
dea: 2023-05-01

**ISO/TC 268/SC 2 Mobilité et transports
durables**

ISO/DIS 37183

Smart community infrastructures — Smart transportation with the use of face recognition payment (f-payment)
dea: 2023-04-26

ISO/TC 274 LUMINA ?I ILUMINAT

ISO/CIE DIS 10916

Light and lighting – Energy performance of lighting in buildings — Calculation of the impact of daylight utilization
dea: 2023-04-28

ISO/TC 276 BIOTEHNOLOGIE

ISO/DIS 20688-2

Biotechnology — Nucleic acid synthesis — Part 2: General definitions and requirements for the production and quality control of synthesized gene fragments, genes, and genomes
dea: 2023-05-12

ISO/TC 279 MANAGEMENTUL INOVARIII

ISO/DIS 56008

Innovation management — Tools and methods for innovation operation measurements — Guidance
dea: 2023-05-09

**ISO/TC 281 TEHNOLOGIA BULELOR
FINE**

ISO/DIS 23016-4

Fine bubble technology — Agricultural applications — Part 4: Test method for evaluating the number concentration of ultrafine bubbles achieving the promotion of barley seed germination
dea: 2023-05-05

**ISO/TC 283 SISTEME DE MANAGEMENT
AL SANATATII SI SECURITATII
OCUPATIONALE**

ISO/DIS 45004

Occupational health and safety management — Guidelines on performance evaluation
dea: 2023-05-04

ISO/TC 298

ISO/DIS 24544

Rare earth – Recyclable Neodymium iron boron (NdFeB) resources - Classification, general requirements and acceptance conditions
dea: 2023-04-26

**ISO/TC 304 ADMINISTRAREA
ASISTENTEI MEDICALE**

ISO/DIS 6763

Pandemic response — Social distancing and source control
dea: 2023-05-15

