

În perioada **2024.05.01 – 2024.05.31**

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.

prEN ISO 712-1

Cereals and cereal products - Determination of moisture content - Part 1: Reference method (ISO/FDIS 712-1:2024)
dea: 2024-08-21

FprCEN/TR 18104

Space — SBAS receivers performances for maritime applications — MARESS Test report
dea: 2024-08-01

01.040 Vocabulare

01.040.49 Aeronautică și spațiu (Vocabulare)

prEN 4902

Aerospace series - Surface treatments - Definitions and test methods
dea: 2024-08-15

01.110 Documentație tehnică de produs

prEN 9300-210

Aerospace series - LOTAR -Long Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 210: Product management data in an "as designed" view
dea: 2024-07-25

03.080 Servicii

03.080.30 Servicii pentru consumatori

prEN 17229

Fitness centres - Requirements for centre amenities and operation - Operational and managerial requirements
dea: 2024-08-01

03.100 Organizarea și managementul întreprinderii. Sisteme de management

03.100.70 Sisteme de management

EN ISO 14001:2015/prA1

Environmental management systems - Requirements with guidance for use - Amendment 1:

Climate action changes (ISO 14001:2015/Amd 1:2024)
dea: 2024-08-01

EN ISO 22000:2018/prA1

Food safety management systems - Requirements for any organization in the food chain - Amendment 1: Climate action changes (ISO 22000:2018/Amd 1:2024)
dea: 2024-08-01

EN ISO 22301:2019/prA1

Security and resilience - Business continuity management systems - Requirements - Amendment 1: Climate action changes (ISO 22301:2019/Amd 1:2024)
dea: 2024-08-01

EN ISO 29001:2020/prA1

Petroleum, petrochemical and natural gas industries - Sector-specific quality management systems - Requirements for product and service supply organizations - Amendment 1: Climate action changes (ISO 29001:2020/Amd 1:2024)
dea: 2024-08-01

EN ISO 41001:2018/prA1

Facility management - Management systems - Requirements with guidance for use - Amendment 1: Climate action changes (ISO 41001:2018/Amd 1:2024)
dea: 2024-08-01

EN ISO 50001:2018/prA1

Energy management systems - Requirements with guidance for use - Amendment 1: Climate action changes (ISO 50001:2018/Amd 1:2024)
dea: 2024-08-01

03.120 Calitate
03.120.10 Managementul calității și asigurarea calității

EN ISO 9001:2015/prA1

Quality management systems - Requirements - Amendment 1: Climate action changes (ISO 9001:2015/Amd 1:2024)
dea: 2024-08-01

EN ISO 19443:2022/prA1

Quality management systems - Specific requirements for the application of ISO 9001:2015 by organizations in the supply chain of the nuclear energy sector supplying products and services important to nuclear safety (ITNS) - Amendment 1: Climate action changes (ISO 19443:2018/Amd 1:2024)
dea: 2024-08-01

03.220 Transport

03.220.20 Transport rutier

prEN ISO 12855

Electronic fee collection - Information exchange between service provision and toll charging

(ISO/DIS 12855:2024)
dea: 2024-07-30

prEN 16072

Intelligent transport systems - ESafety - Pan-European eCall operating requirements
dea: 2024-07-25

07.100 Microbiologie

07.100.20 Microbiologia apei

prEN ISO 7899-3

Water quality - Enumeration of intestinal enterococci - Part 3: Most probable number method
(ISO/DIS 7899-3:2024)
dea: 2024-08-16

07.120 Nanotehnologii

FprCEN ISO/TS 5387

Nanotechnologies - Lung burden mass measurement of nanomaterials for inhalation toxicity tests (ISO/TS 5387:2023)
dea: 2024-08-15

prEN ISO 19337

Nanotechnologies - Characteristics of working suspensions of nano-objects for in vitro assays to evaluate inherent nano-object toxicity (ISO 19337:2023)
dea: 2024-08-08

FprCEN ISO/TS 24672

Nanotechnologies - Guidance on the measurement of nanoparticle number concentration (ISO/TS 24672:2023)
dea: 2024-08-08

FprCEN ISO/TS 80004-13

Nanotechnologies - Vocabulary - Part 13: Graphene and other two-dimensional (2D) materials (ISO/DTS 80004-13:2024)
dea: 2024-07-22

07.140 Criminalistică

prEN ISO 21043-1

Forensic sciences - Part 1: Terms and definitions (ISO/DIS 21043-1:2024)
dea: 2024-07-26

prEN ISO 21043-3

Forensic Sciences - Part 3: Analysis (ISO/DIS 21043-3:2024)
dea: 2024-07-25

prEN ISO 21043-4

Forensic Sciences - Part 4: Interpretation (ISO/DIS 21043-4:2024)
dea: 2024-07-25

prEN ISO 21043-5

Forensic Sciences - Part 5: Reporting (ISO/DIS 21043-5:2024)

dea: 2024-07-25

11.040 Echipament medical**11.040.01 Echipament medical în general****EN ISO 15378:2017/prA1**

Primary packaging materials for medicinal products - Particular requirements for the application of ISO 9001:2015, with reference to good manufacturing practice (GMP) - Amendment 1:

Climate action changes (ISO 15378:2017/Amd 1:2024)

dea: 2024-08-01

11.060 Stomatologie**11.060.01 Stomatologie în general****prEN ISO 18618**

Dentistry - Interoperability of CAD/CAM systems (ISO/DIS 18618:2024)

dea: 2024-08-13

11.060.25 Instrumente dentare**prEN ISO 21850-2**

Dentistry - Materials for dental instruments - Part 2: Polymers (ISO/DIS 21850-2:2024)

dea: 2024-08-12

11.080 Sterilizare și dezinfectare**11.080.20 Dezinfectante și antiseptice****EN 16616:2022/prA1**

Chemical disinfectants and antiseptics - Chemical-thermal textile disinfection - Test method and requirements (phase 2, step 2)

dea: 2024-08-15

11.100 Medicină de laborator**11.100.20 Evaluarea biologică a dispozitivelor medicale****prEN ISO 10993-6**

Biological evaluation of medical devices - Part 6: Tests for local effects after implantation (ISO/DIS 10993-6:2024)

dea: 2024-08-13

13.020 Protecția mediului**13.020.20 Economia mediului. Durabilitate****FprCEN/TR 18114**

Bitumens and bituminous binders - Sustainability - Review on how to address environmental

information
dea: 2024-08-08

EN ISO 37101:2022/prA1

Sustainable development in communities - Management system for sustainable development - Requirements with guidance for use - Amendment 1: Climate action changes (ISO 37101:2016/Amd 1:2024)
dea: 2024-08-01

13.020.40 Poluare, controlul poluării și protecția mediului

EN ISO 14064-1:2019/prA1

Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals - Amendment 1 (ISO 14064 1:2018/DAM 1:2024)
dea: 2024-07-25

13.030 Deșeuri

13.030.50 Reciclarea deșeurilor

FprCEN/TS 18084

Road vehicles - Post Shredder Technology recycling - Design recommendations for plastic products
dea: 2024-07-25

prEN 18088

Flexible sheets for waterproofing - Plastics recycling and recycled plastics - Plastic waterproofing sheets
dea: 2024-08-22

13.040 Calitatea aerului

13.040.30 Aerul la locul de muncă

FprCEN/TS 18086

Workplace exposure - Direct-reading low-cost particulate matter sensors for measuring airborne NOAA - Guidelines for application
dea: 2024-08-22

13.100 Securitate profesională. Igienă industrială

EN ISO 45001:2023/prA1

Occupational health and safety management systems - Requirements with guidance for use - Amendment 1: Climate action changes (ISO 45001:2018/Amd 1:2024)
dea: 2024-08-01

13.220 Protecția contra incendiilor

13.220.20 Protecția contra incendiilor

EN 13565-1:2019/prA1

Fixed firefighting systems - Foam systems - Part 1: Requirements and test methods for components
dea: 2024-07-25

EN 14972-1:2020/prA1

Fixed firefighting systems - Water mist systems - Part 1: Design, installation, inspection and maintenance
dea: 2024-08-22

13.220.50 Rezistența la foc a materialelor și a elementelor de construcții**prEN 15269-5**

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows
dea: 2024-08-22

13.340 Echipament de protecție individuală**13.340.20 Echipamente de protecție a capului****prEN 12492**

Mountaineering equipment - Helmets for mountaineers - Safety requirements and test methods
dea: 2024-08-15

19.100 Încercări nedistructive**prEN ISO 16831**

Non-destructive testing - Ultrasonic testing - Characterization and verification of ultrasonic equipment for the determination of thickness (ISO/DIS 16831:2024)
dea: 2024-07-25

23.020 Mijloace pentru stocarea fluidelor**23.020.35 Butelii de gaz****prEN ISO 9809-4**

Gas cylinders - Design, construction and testing of refillable seamless steel gas cylinders and tubes - Part 4: Stainless steel cylinders with an R m value of less than 1 100 MPa (ISO/DIS 9809-4:2024)
dea: 2024-07-30

23.040 Conducte și accesorii**23.040.03 Conducte și părțile lor pentru sistemele externe de transport al apei****FprCEN/TS 12201-7**

Plastics piping systems for water supply, and for drains and sewers under pressure - Polyethylene (PE) - Part 7: Assessment of conformity
dea: 2024-08-22

23.040.40 Racorduri metalice

prEN 10344

Malleable cast iron fittings with compression ends for steel pipes
dea: 2024-07-25

25.030 Fabricația aditivă

FprCEN ISO/ASTM TS 52949

Additive manufacturing of metals - Qualification principles - Installation, operation and performance (IQ/OQ/PQ) of PBF-EB equipment (ISO/ASTM/DTS 52949:2024)
dea: 2024-08-22

25.160 Sudare și lipire

25.160.01 Sudare și lipire în general

prEN ISO 14732

Welding personnel - Qualification testing of welding operators and weld setters for mechanized and automatic welding of metallic materials (ISO/DIS 14732:2024)
dea: 2024-07-11

27.040 Turbine cu gaz și cu abur. Mașini cu abur

prEN 12952-1

Water-tube boilers and auxiliary installations - Part 1: General
dea: 2024-08-15

31.260 Optoelectronică. Aparate cu laser

prEN ISO 21254-1

Lasers and laser-related equipment - Test methods for laser-induced damage threshold - Part 1: Definitions and general principles (ISO/DIS 21254-1:2024)
dea: 2024-07-29

35.030 Securitatea IT

FprCEN/CLC ISO/IEC/TS 23532-1

Information security, cybersecurity and privacy protection - Requirements for the competence of IT security testing and evaluation laboratories - Part 1: Evaluation for ISO/IEC 15408 (ISO/IEC/TS 23532-1:2021)
dea: 2024-08-15

FprCEN/CLC ISO/IEC/TS 23532-2

Information security, cybersecurity and privacy protection - Requirements for the competence of IT security testing and evaluation laboratories - Part 2: Testing for ISO/IEC 19790 (ISO/IEC/TS 23532-2:2021)
dea: 2024-08-15

35.240 Aplicații privind tehnologia informației

35.240.20 Aplicații IT pentru birotică

FprCEN/TS 16931-8

Electronic invoicing - Part 8: Semantic data model of the elements of an e-receipt or a simplified electronic invoice

dea: 2024-08-22

FprCEN/TS 17011-3

Electronic Public Procurement - Architecture - Part 3: Customisation Guideline

dea: 2024-08-15

35.240.30 Aplicații IT în informație, documentare și editare

prEN 9300-003

Aerospace series - LOTAR - LOng Term Archiving and Retrieval of digital technical product documentation such as 3D, CAD and PDM data - Part 003: Fundamentals and concepts

dea: 2024-07-25

35.240.60 Aplicații IT în transport

prEN 16072

Intelligent transport systems - ESafety - Pan-European eCall operating requirements

dea: 2024-07-25

prEN 18052

Intelligent transport systems - ESafety - ECall end to end conformance testing for eCall HLAP in hybrid circuit switched/packet switched network environments

dea: 2024-07-25

35.240.63 Aplicații IT în comerț

FprCEN/TS 16931-8

Electronic invoicing - Part 8: Semantic data model of the elements of an e-receipt or a simplified electronic invoice

dea: 2024-08-22

35.240.70 Aplicații IT în știință

prEN ISO 19152-4

Geographic information - Land Administration Domain Model (LADM) - Part 4: Valuation information (ISO/DIS 19152-4:2024)

dea: 2024-08-05

45.040 Materiale și componente pentru căi ferate

prEN 15827

Railway applications - System Engineering requirements for bogies and running gear

dea: 2024-07-25

49.025 Materiale pentru aeronautică

49.025.10 Oțeluri

prEN 2450

Aerospace series - Steel 31NiMoCr10-5-3 - 1 230 MPa = Rm = 1 420 MPa - Bars - De = 40 mm
dea: 2024-08-08

prEN 2451

Aerospace series - Steel 31NiMoCr10-5-3 - 1 230 MPa = Rm = 1 420 MPa - Forgings - De = 40 mm
dea: 2024-08-08

49.060 Echipament electric

prEN 6049-009

Aerospace series - Electrical cables, installation - Protection sleeve in meta-aramid fibres - Part 009: Self-wrapping fire protection sleeve, flexible, post-installation, operating temperature from - 55 °C to 260 °C - Product standard
dea: 2024-08-15

53.020 Instalații de ridicat

53.020.20 Macarale

prEN 14238

Cranes - Manually controlled load manipulators
dea: 2024-08-15

53.040 Echipamente pentru transport continuu

53.040.20 Componente pentru transportoare

prEN 14973

Conveyor belts for use in underground installations - Electrical and flammability safety requirements
dea: 2024-08-15

53.060 Cărucioare de manipulare

prEN ISO 10896-2

Rough-terrain trucks - Safety requirements and verification - Part 2: Slewing trucks (ISO/DIS 10896-2:2024)
dea: 2024-08-05

59.080 Produse din industria textilă

59.080.70 Geotextile

prEN ISO 13433

Geosynthetics - Determination of dynamic perforation (cone drop test) (ISO/DIS 13433:2024)
dea: 2024-07-22

65.060 Mașini și echipamente agricole

65.060.80 Echipamente forestiere

prEN ISO 11680

Machinery for forestry - Safety requirements and testing for portable pole mounted powered pruners (ISO/DIS 11680:2024)

dea: 2024-07-25

67.120 Carne, produse din carne și alte produse de origine animală

67.120.01 Produse de origine animală în general

prEN 18082

Foods of animal origin - Multimethod for the determination of pesticide residues using LC-based analysis following acetonitrile extraction/partitioning and clean-up by dispersive SPE

dea: 2024-08-15

67.140 Ceai. Cafea. Cacao

67.140.30 Cacao

EN ISO 34101-1:2020/prA1

Sustainable and traceable cocoa - Part 1: Requirements for cocoa sustainability management systems - Amendment 1: Climate action changes (ISO 34101-1:2019/Amd 1:2024)

dea: 2024-08-01

67.250 Materiale și produse în contact cu alimentele

prEN 10333

Steel for packaging - Flat steel products intended for use in contact with foodstuffs, products and beverages for human and animal consumption - Tin coated steel (tinplate)

dea: 2024-08-22

71.100 Produse din industria chimică

71.100.20 Gaze pentru aplicații industriale

prEN ISO 22734-1

Hydrogen generators using water electrolysis - Part 1: General requirements, test protocols and safety requirements (ISO/DIS 22734-1:2024)

dea: 2024-07-24

71.100.35 Dezinfectante de uz industrial și casnic

prEN 14204

Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of mycobactericidal activity of chemical disinfectants and antiseptics used in the veterinary area - Test method and requirements (phase 2, step 1)

dea: 2024-07-25

71.100.80 Produse chimice pentru purificarea apei

prEN 1278

Chemicals used for treatment of water intended for human consumption - Ozone
dea: 2024-08-15

prEN 15074

Chemicals used for treatment of swimming pool water - Ozone
dea: 2024-08-15

prEN 15077

Chemicals used for treatment of swimming pool water - Sodium hypochlorite
dea: 2024-08-08

71.120 Echipamente pentru industria chimică

71.120.99 Alte echipamente pentru industria chimică

prEN ISO 22734-1

Hydrogen generators using water electrolysis - Part 1: General requirements, test protocols and safety requirements (ISO/DIS 22734-1:2024)
dea: 2024-07-24

75.140 Ceară de petrol, materiale bituminoase și alte produse petroliere

FprCEN/TR 18114

Bitumens and bituminous binders - Sustainability - Review on how to address environmental information
dea: 2024-08-08

75.160 Combustibili

75.160.20 Combustibili lichizi

prEN 14078

Liquid petroleum products - Determination of fatty acid methyl ester (FAME) content in middle distillates - Infrared spectrometry method
dea: 2024-08-15

75.160.40 Biocombustibili

prEN ISO 17831-1

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets (ISO/DIS 17831-1:2024)
dea: 2024-08-14

prEN ISO 17831-2

Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 2: Briquettes (ISO/DIS 17831-2:2024)
dea: 2024-08-16

75.200 Mașini și utilaje pentru transportul produselor petroliere și a gazului natural

prEN 13616-1

Overfill prevention devices for static tanks for liquid fuels - Part 1: Overfill prevention devices with closure device
dea: 2024-08-15

77.040 Încercările metalelor

77.040.10 Încercări mecanice ale metalelor

FprCEN ISO/TS 6892-5

Metallic materials - Tensile testing - Part 5: Specification for testing miniaturised test pieces (ISO/DTS 6892-5:2024)
dea: 2024-07-31

77.140 Produse din oțel și fontă

77.140.45 Oțeluri nealiate

EN 10253-2:2021/prA1

Butt-welding pipe fittings - Part 2: Non alloy and ferritic alloy steels with specific inspection requirements
dea: 2024-08-15

77.140.65 Sârme, cabluri și lanțuri din oțel

EN 12385-5:2021/prA1

Steel wire ropes - Safety - Part 5: Stranded ropes for lifts
dea: 2024-07-25

77.150 Produse din metale neferoase

77.150.10 Produse din aluminiu

prEN 12392

Aluminium and aluminium alloys - Wrought products and cast products - Special requirements for products intended for the production of pressure equipment
dea: 2024-08-08

79.060 Plăci din lemn

79.060.10 Placaje

prEN 12369-2

Wood-based panels - Characteristic values for structural design - Part 2: Plywood
dea: 2024-08-15

79.060.20 Plăci din așchii de lemn și plăci din fibre de lemn

prEN 12369-1

Wood-based panels - Characteristic values for structural design - Part 1: OSB, particleboards and fibreboards

dea: 2024-08-15

81.040 Sticlă**81.040.20 Sticlă pentru construcții****prEN 18080**

Glass in building - Reaction to fire - Mounting and fixing instructions for glass products and extended application of test results

dea: 2024-08-08

83.080 Materiale plastice**83.080.20 Materiale termoplastice****prEN 478**

Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the appearance after exposure at 150 °C

dea: 2024-08-22

83.140 Produse din cauciuc și materiale plastice**83.140.01 Produse din cauciuc și materiale plastice, în general****FprCEN/TS 18084**

Road vehicles - Post Shredder Technology recycling - Design recommendations for plastic products

dea: 2024-07-25

83.140.99 Alte produse din cauciuc și materiale plastice**prEN 514**

Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the strength of welded corners and T-joints

dea: 2024-08-22

83.180 Adezivi**prEN 15416-1**

Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 1: Long-term tension load test perpendicular to the bond line at varying climate conditions with specimens perpendicular to the glue line (Glass house test)

dea: 2024-07-25

prEN 15416-3

Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 3: Creep deformation test at cyclic climate conditions with specimens loaded in

bending shear
dea: 2024-07-25

prEN 15416-4

Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 4: Determination of open assembly time under referenced conditions
dea: 2024-07-25

prEN 15416-5

Adhesives for load bearing timber structures other than phenolic and aminoplastic - Test methods - Part 5: Determination of minimum pressing time under referenced conditions
dea: 2024-07-25

87.040 Vopsele și emailuri

prEN ISO 16276-2

Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating - Part 2: Cross-cut testing and X-cut testing (ISO/DIS 16276-2:2024)
dea: 2024-08-07

87.060 Ingrediente pentru vopsele

87.060.20 Lianți

prEN ISO 11908

Binders for paints and varnishes - Amino resins - General methods of test (ISO/DIS 11908:2024)
dea: 2024-07-23

91.040 Clădiri

91.040.99 Alte clădiri

prEN 15978

Sustainability of construction works - Assessment of environmental performance of buildings - Requirements and guidance
dea: 2024-07-25

91.080 Structuri de construcții

91.080.13 Structuri de oțel

prEN ISO 16276-1

Corrosion protection of steel structures by protective paint systems - Assessment of, and acceptance criteria for, the adhesion/cohesion (fracture strength) of a coating - Part 1: Pull-off testing (ISO/DIS 16276-1:2024)
dea: 2024-08-08

91.100 Materiale de construcții

91.100.50 Lianți. Materiale pentru etanșare

FprCEN/TR 18114

Bitumens and bituminous binders - Sustainability - Review on how to address environmental information

dea: 2024-08-08

91.120 Protecția exterioară și interioară a clădirilor

91.120.10 Izolație termică

EN ISO 12572:2016/prA1

Hygrothermal performance of building materials and products - Determination of water vapour transmission properties - Cup method - Amendment 1 (ISO 12572:2016/DAM 1:2024)

dea: 2024-07-31

91.140 Instalații în clădiri

91.140.30 Ventilație și climatizare

prEN 1886

Ventilation for buildings - Air handling units - Mechanical performance

dea: 2024-08-15

93.025 Sisteme de transport exterioare pentru apă

prEN 1508

Water supply - Requirements for systems and components for the storage of water

dea: 2024-08-22

93.080 Ingineria drumurilor

93.080.20 Materiale de construcții pentru drumuri

prEN 12272-1

Surface dressing - Test methods - Part 1: Rate of spread and accuracy of spread of binder and chippings

dea: 2024-08-08

prEN 15626

Bitumens and bituminous binders - Determination of adhesivity of cut-back and fluxed bituminous binders by water immersion test - Aggregate method

dea: 2024-07-25

97.150 Acoperitoare de sol

prEN 1815

Resilient, Modular mechanical locked floor coverings (MMF) and laminate floor coverings - Assessment of static electrical propensity

dea: 2024-07-25

97.190 Echipamente pentru copii

prEN 14372

Child care articles - Cutlery and feeding utensils - Safety requirements and tests
dea: 2024-08-01

97.195 Obiecte de artă și produse din industria de artizanat. Bunuri culturale și patrimoniu cultural

prEN 16853

Conservation of cultural heritage - Conservation process - Decision making, planning, implementation and documentation
dea: 2024-07-25

97.200 Echipamente pentru distracții

97.200.50 Jucării

FprCEN ISO/TR 8124-8

Safety of toys - Part 8: Age determination: first age grade for the appropriate play of toys (ISO/DTR 8124-8:2024)
dea: 2024-08-20

97.220 Echipamente și instalații sportive

97.220.10 Instalații sportive

prEN 13451-4

Swimming pool equipment - Part 4 : Additional specific safety requirements and test methods for starting platforms
dea: 2024-08-15