



În perioada **2021.08.01 – 2021.08.31**

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.

FprCEN/TR 17739

Algae and algae products - Specifications for chemicals and biofuels sector applications
dea: 2021-11-04

03.080 Servicii

03.080.30 Servicii pentru consumatori

prEN ISO 24063

Recreational diving services - Requirements for rebreather diver training - No-decompression diving (ISO/DIS 24063:2021)
dea: 2021-11-10

prEN ISO 24642

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 45 m (ISO/DIS 24642:2021)
dea: 2021-11-10

03.100 Organizarea și managementul întreprinderii. Sisteme de management

03.100.70 Sisteme de management

prEN 9101

Requirements for Conducting Audits of Aviation, Space, and Defence Quality Management Systems
dea: 2021-11-11

03.200 Timp de recreere. Turism

03.200.99 Alte standarde referitoare la agrement și turism

prEN ISO 24063

Recreational diving services - Requirements for rebreather diver training - No-decompression diving (ISO/DIS 24063:2021)
dea: 2021-11-10

prEN ISO 24642

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 45 m (ISO/DIS 24642:2021)
dea: 2021-11-10

07.100 Microbiologie

07.100.40 Microbiologia produselor cosmetice

prEN ISO 21322

Cosmetics - Microbiology - Testing of impregnated or coated wipes and masks (ISO 21322:2020)
dea: 2021-11-04

11.040 Echipament medical

11.040.10 Echipament pentru anestezie, respiratie si reanimare

prEN ISO 80601-2-12

Medical electrical equipment - Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators (ISO/DIS 80601-2-12:2021)
dea: 2021-10-26

11.060 Stomatologie

11.060.10 Materiale dentare

prEN ISO 9333

Dentistry - Brazing materials (ISO/DIS 9333:2021)
dea: 2021-11-02

11.100 Medicina de laborator

11.100.10 Sisteme pentru încercari de diagnostic in vitro

prEN ISO 18113-1

In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 1: Terms, definitions, and general requirements (ISO/DIS 18113-1:2021)
dea: 2021-10-25

prEN ISO 18113-2

In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 2: In vitro diagnostic reagents for professional use (ISO/DIS 18113-2:2021)
dea: 2021-10-25

prEN ISO 18113-3

In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 3: In vitro diagnostic instruments for professional use (ISO/DIS 18113-3:2021)
dea: 2021-10-25

prEN ISO 18113-4

In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 4: In vitro diagnostic reagents for self-testing (ISO/DIS 18113-4:2021)
dea: 2021-10-25

prEN ISO 18113-5

In vitro diagnostic medical devices - Information supplied by the manufacturer (labelling) - Part 5: In vitro diagnostic instruments for self-testing (ISO/DIS 18113-5:2021)
dea: 2021-10-25

11.100.20 Evaluarea biologica a dispozitivelor medicale

EN ISO 10993-18:2020/prA1

Biological evaluation of medical devices - Part 18: Chemical characterization of medical device materials within a risk management process - Amendment 1: Determination of the uncertainty factor (ISO 10993-

18:2020/DAM 1:2021)

dea: 2021-11-08

11.180 Ajutoare pentru invalizi sau persoane cu handicap

11.180.30 Mijloace ajutatoare pentru orbi sau pentru persoane cu deficiente de vedere

FprCEN/TS 15209

Tactile paving surface indicators produced from concrete, clay and stone

dea: 2021-10-28

13.040 Calitatea aerului

13.040.30 Aerul la locul de munca

prEN ISO 23861

Workplace air - Chemical agent present as a mixture of airborne particles and vapours - Requirements for evaluation of measuring procedures using samplers (ISO/DIS 23861:2021)

dea: 2021-11-16

13.060 Calitatea apei

13.060.30 Ape uzate

prEN 12255-4

Wastewater treatment plants - Part 4: Primary treatment

dea: 2021-10-28

prEN 12255-9

Wastewater treatment plants - Part 9: Odour control and ventilation

dea: 2021-10-28

13.220 Protectia contra incendiilor

13.220.50 Rezistenta la foc a materialelor si a elementelor de constructii

prEN 13501-2

Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services

dea: 2021-11-04

13.340 Echipament de protectie individuala

13.340.40 Echipamente de protectie pentru mâna

prEN 659

Protective gloves for firefighters

dea: 2021-10-28

21.060 Elemente de asamblare

21.060.01 Elemente de asamblare în general

FprCEN ISO/TR 20491

Fasteners - Fundamentals of hydrogen embrittlement in steel fasteners (ISO/TR 20491:2019)

dea: 2021-10-28

23.040 Conducte si accesorii

23.040.01 Conducte si accesorii în general

EN 13480-3:2017/prA5:2021

Metallic industrial piping - Part 3: Design and calculation
dea: 2021-11-11

23.040.20 Tevi din materiale plastice

prEN ISO 13844

Plastics piping systems - Elastomeric-sealing-ring-type socket joints for use with plastic pressure pipes - Test method for leak tightness under negative pressure, angular deflection and deformation (ISO/DIS 13844:2021)
dea: 2021-11-01

23.080 Pompe

prEN 17038-4

Pumps - Methods of qualification of the Energy Efficiency Index for rotodynamic pump units - Part 4: Testing and calculation of energy efficiency index (EEI) of submersible multistage pump units
dea: 2021-11-04

25.030 Fabricatia aditiva

prEN ISO/ASTM 52920

Additive manufacturing - Qualification principles - Part 2: Requirements for industrial additive manufacturing sites (ISO/ASTM DIS 52920:2021)
dea: 2021-10-26

prEN ISO/ASTM 52936-1

Additive manufacturing of polymers - Powder bed fusion - Part 1: General principles and preparation of test specimens for PBF-LB (ISO/ASTM DIS 52936-1:2021)
dea: 2021-11-05

25.160 Sudare si lipire

25.160.01 Sudare si lipire în general

prEN ISO 17660

Welding ? Welding of reinforcing steel (ISO/DIS 17660:2021)
dea: 2021-11-15

25.160.10 Procedee de sudare

prEN ISO 15610

Specification and qualification of welding procedures for metallic materials - Qualification based on tested welding consumables (ISO/DIS 15610:2021)
dea: 2021-11-15

25.160.20 Materiale pentru sudare

prEN ISO 18274

Welding consumables - Solid wire electrodes, solid strip electrodes, solid wires and solid rods for fusion welding of nickel and nickel alloys - Classification (ISO/DIS 18274:2021)
dea: 2021-11-15

25.160.40 Materiale de adaos

prEN ISO 5817

Welding - Fusion-welded joints in steel, nickel, titanium and their alloys (beam welding excluded) - Quality levels for imperfections (ISO/DIS 5817:2021)

dea: 2021-10-28

prEN 16729-5

Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 5: Non-destructive testing on welds in track

dea: 2021-11-18

prEN ISO 23864

Non-destructive testing of welds - Ultrasonic testing - Use of automated total focusing technique (TFM) and related technologies (ISO 23864:2021)

dea: 2021-11-04

27.060 Arzatoare. Boilere

27.060.30 Boilere si schimbatoare de caldura

prEN 15502-2-1

Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

dea: 2021-10-28

27.190 Energie biologica si alte surse de energie alternativa

prEN ISO 20675

Biogas - Biogas production, conditioning, upgrading and utilization - Terms, definitions and classification scheme (ISO 20675:2018)

dea: 2021-10-28

prEN ISO 22580

Flares for combustion of biogas (ISO 22580:2020)

dea: 2021-10-28

prEN ISO 23590

Household biogas system requirements: design, installation, operation, maintenance and safety (ISO 23590:2020)

dea: 2021-10-28

35.240 Aplicatii privind tehnologia informatiei

35.240.67 Aplicatii IT în cladiri si industria de constructii

prEN 14908-6

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 6: Application elements

dea: 2021-10-28

FprCEN/TR 17741

Guidance for understanding and utilize EN/ISO 29481-1 Building information models - Information delivery manual - Part 1: Methodology and format

dea: 2021-11-04

prEN ISO 19650-4

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO/DIS 19650-4:2021)
dea: 2021-11-03

35.240.80 Aplicatii IT în medicina**prEN ISO 13119**

Health informatics - Clinical knowledge resources - Metadata (ISO/DIS 13119:2021)
dea: 2021-11-03

49.020 Aeronave si vehicule spatiale în general**prEN 9101**

Requirements for Conducting Audits of Aviation, Space, and Defence Quality Management Systems
dea: 2021-11-11

49.060 Echipament electric**prEN 4165-005**

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 005 : Stackable mouting receptable 2 and 4 modules, series 3
dea: 2021-10-28

prEN 4165-006

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 006: Plug for 2 and 4 modules, series 2 - Product standard
dea: 2021-10-28

prEN 4165-007

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 007: Plug for 2 and 4 modules, series 3 - Product standard
dea: 2021-10-28

prEN 4165-008

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 008: Rack and panel plug for 2 and 4 modules, series 2 - Product standard
dea: 2021-10-28

prEN 4165-009

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 009: Rack and panel plug for 2 and 4 modules, series 3 - Product standard
dea: 2021-10-28

prEN 4165-010

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 010: Rack and panel rear mounted plug for 2 and 4 modules, series 2 - Product standard
dea: 2021-10-28

prEN 4165-011

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 011: Flange mounting receptacle 2 and 4 modules, series 2 - Product standard
dea: 2021-10-28

prEN 4165-012

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 012: Flange mounting receptacle 2 and 4 modules, series 3 - Product standard
dea: 2021-10-28

prEN 4165-026

Aerospace Series - Connector, electrical, rectangular, modular - Operating temperatures 175°C continuous - Part 026: Shielded accessories for single module - Product standard
dea: 2021-10-28

49.140 Sisteme spatiale, dezvoltare si operare**FprCEN/TR 17603-20-06**

Space engineering - Assessment of space worst case charging handbook
dea: 2021-10-28

FprCEN/TR 17603-20-07

Space engineering - Electromagnetic compatibility handbook
dea: 2021-10-28

FprCEN/TR 17603-20-20

Space engineering - Guidelines for electrical design and interface requirements for power supply
dea: 2021-10-28

FprCEN/TR 17603-20-21

Space engineering - Guidelines for electrical design and interface requirements for actuators
dea: 2021-10-28

FprCEN/TR 17603-31-17

Space engineering - Thermal analysis handbook
dea: 2021-10-28

FprCEN/TR 17603-32-05

Space engineering - Structural materials handbook - Part 5: New advanced materials, advanced metallic materials, general design aspects and load transfer and design of joints
dea: 2021-10-28

FprCEN/TR 17603-32-06

Space engineering - Structural materials handbook - Part 6: Fracture and material modelling, case studies and design and integrity control and inspection
dea: 2021-10-28

FprCEN/TR 17603-32-07

Space engineering - Structural materials handbook - Part 7: Thermal and environmental integrity, manufacturing aspects, in-orbit and health monitoring, soft materials, hybrid materials and nanotechnologies
dea: 2021-10-28

FprCEN/TR 17603-32-08

Space engineering - Structural materials handbook - Part 8: Glossary
dea: 2021-10-28

FprCEN/TR 17603-60

Space engineering - Control engineering handbook
dea: 2021-10-28

FprCEN/TR 17603-60-10

Space engineering - Control performance guidelines
dea: 2021-10-28

53.020 Instalatii de ridicat

53.020.20 Macarale

prEN 14439

Cranes - Tower cranes
dea: 2021-11-04

59.140 Industria pielariei

59.140.30 Piei si blanuri

prEN ISO 15701

Leather - Tests for colour fastness - Colour fastness to migration into polymeric material (ISO/DIS 15701:2021)
dea: 2021-11-17

65.120 Nutreturi

prEN 17697

Animal feeding stuffs: Methods of analysis - PFGE typing of Lactobacilli, Pediococci, Enterococci and Bacilli in animal feeds
dea: 2021-10-28

65.160 Tutun, produse din tutun si echipamente pentru industria tutunului

prEN ISO 20714

E-liquid - Determination of nicotine, propylene glycol and glycerol in liquids used in electronic nicotine delivery devices - Gas chromatographic method (ISO 20714:2019)
dea: 2021-11-04

prEN ISO 20768

Vapour products - Routine analytical vaping machine - Definitions and standard conditions (ISO 20768:2018)
dea: 2021-11-04

67.200 Uleiuri si grasimi vegetale. Seminte oleaginoase

67.200.10 Uleiuri si grasimi vegetale si animale

prEN ISO 18363-1

Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 1: Method using fast alkaline transesterification and measurement for 3-MCPD and differential measurement for glycidol (ISO 18363-1:2015)
dea: 2021-11-04

prEN ISO 18363-3

Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 3: Method using acid transesterification and measurement for 2-MCPD, 3-MCPD and glycidol (ISO 18363-3:2017)
dea: 2021-11-04

71.040 Chimie analitica

71.040.50 Metode de analize fizico-chimice

FprCEN ISO/TS 23973

Liquid chromatography at critical conditions (LCCC) - Chemical heterogeneity of polyethylene oxides (ISO/TS 23973:2020)

dea: 2021-11-04

71.100 Produse din industria chimica

71.100.70 Cosmetice. Produse de toaleta

prEN ISO 16217

Cosmetics - Sun protection test methods - Water immersion procedure for determining water resistance (ISO 16217:2020)

dea: 2021-11-04

prEN ISO 18861

Cosmetics - Sun protection test methods - Percentage of water resistance (ISO 18861:2020)

dea: 2021-11-04

75.020 Extragerea si prelucrarea produselor petroliere si a gazului natural

prEN ISO 20675

Biogas - Biogas production, conditioning, upgrading and utilization - Terms, definitions and classification scheme (ISO 20675:2018)

dea: 2021-10-28

prEN ISO 35102

Petroleum and natural gas industries - Arctic operations - Escape, evacuation and rescue from offshore installations (ISO 35102:2020)

dea: 2021-11-04

75.180 Masini si utilaje pentru industria petroliera si a gazului natural

75.180.10 Masini si utilaje pentru exploatare si extractie

prEN ISO 35102

Petroleum and natural gas industries - Arctic operations - Escape, evacuation and rescue from offshore installations (ISO 35102:2020)

dea: 2021-11-04

77.150 Produse din metale neferoase

77.150.30 Produse din cupru

prEN 1978

Copper and copper alloys - Copper cathodes

dea: 2021-11-04

85.040 Celuloze

prEN ISO 7213

Pulps - Sampling for testing (ISO/FDIS 7213:2021)

dea: 2021-11-09

87.040 Vopsele si emailuri

prEN ISO 23322

Paints and varnishes - Determination of solvents in coating materials containing organic solvents only - Gas-chromatographic method (ISO 23322:2021)
dea: 2021-11-04

87.060 Ingrediente pentru vopsele

87.060.30 Solventi

prEN ISO 23322

Paints and varnishes - Determination of solvents in coating materials containing organic solvents only - Gas-chromatographic method (ISO 23322:2021)
dea: 2021-11-04

91.010 Constructii civile în general

91.010.01 Constructii în general

prEN ISO 12006-3

Building construction - Organization of information about construction works - Part 3: Framework for object-oriented information (ISO/DIS 12006-3:2021)
dea: 2021-11-01

FprCEN/TR 17741

Guidance for understanding and utilize EN/ISO 29481-1 Building information models - Information delivery manual - Part 1: Methodology and format
dea: 2021-11-04

prEN ISO 19650-4

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO/DIS 19650-4:2021)
dea: 2021-11-03

91.060 Elemente ale constructiilor

91.060.20 Acoperisuri

prEN 607

Eaves gutters and fittings made of PVC-U - Definitions, requirements and testing
dea: 2021-11-04

91.100 Materiale de constructii

91.100.50 Lianti. Materiale pentru etansare

prEN 12846-1

Bitumen and bituminous binders - Determination of efflux time by the efflux viscometer - Part 1: Bituminous emulsions
dea: 2021-11-04

prEN 12846-2

Bitumen and bituminous binders - Determination of efflux time by the efflux viscometer - Part 2: Cut-back and fluxed bituminous binders
dea: 2021-11-04

91.100.60 Materiale pentru izolatie termica si fonica

prEN 14509-2

Double skin metal faced insulating panels - Factory made products - Specifications - Part 2: Structural applications - Fixings and potential uses of stabilization of individual structural elements

dea: 2021-11-18

prEN 14509-3

Factory-made double skin metal faced insulating sandwich panels - Part 3: Test methods for determining mechanical strength, building physical behaviour and durability

dea: 2021-11-18

prEN 14509-4

Factory-made double skin metal faced insulating sandwich panels - Part 4: Test methods for fixing of panels to substructure and for determining restraining effect on substructure

dea: 2021-11-18

prEN 17140

Thermal insulation products for buildings - Factory-made vacuum insulation panels (VIP) - Specification

dea: 2021-11-18

91.140 Instalatii în cladiri

91.140.01 Instalatii în cladiri în general

prEN 14908-6

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 6: Application elements

dea: 2021-10-28

91.140.10 Sisteme de încălzire centrale

prEN 12098-1

Energy performance of buildings - Controls for heating systems - Part 1: Control equipment for hot water heating systems - Modules M3-5, 6, 7, 8

dea: 2021-11-04

prEN 15502-2-1

Gas-fired central heating boilers - Part 2-1: Specific standard for type C appliances and type B2, B3 and B5 appliances of a nominal heat input not exceeding 1 000 kW

dea: 2021-10-28

91.140.40 Sisteme de alimentare cu gaz

prEN 12261

Gas meters - Turbine gas meters

dea: 2021-11-18

91.190 Accesorii pentru constructii

prEN 13126-3

Building hardware - Hardware for windows and door-height windows - Requirements and test methods - Part 3: Handles, primarily for Tilt&Turn, Tilt-First and Turn-Only hardware

dea: 2021-11-18

93.010 Constructii civile în general

prEN ISO 19650-4

Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 4: Information exchange (ISO/DIS 19650-4:2021)
dea: 2021-11-03

93.080 Ingineria drumurilor**93.080.10 Constructia de drumuri****FprCEN/TS 15209**

Tactile paving surface indicators produced from concrete, clay and stone
dea: 2021-10-28

93.100 Constructii de cai ferate**prEN 16729-5**

Railway applications - Infrastructure - Non-destructive testing on rails in track - Part 5: Non-destructive testing on welds in track
dea: 2021-11-18

97.100 Aparate de încălzit de uz casnic, industrial si comercial**97.100.10 Aparate de încălzit electrice****prEN 12098-3**

Energy performance of buildings - Controls for heating systems - Part 3: Control equipment for electrical heating systems - Modules M3-5,6,7,8
dea: 2021-11-04

97.120 Comenzi automate de uz casnic**prEN 12098-1**

Energy performance of buildings - Controls for heating systems - Part 1: Control equipment for hot water heating systems - Modules M3-5, 6, 7, 8
dea: 2021-11-04

prEN 12098-3

Energy performance of buildings - Controls for heating systems - Part 3: Control equipment for electrical heating systems - Modules M3-5,6,7,8
dea: 2021-11-04

prEN 14908-6

Open Data Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 6: Application elements
dea: 2021-10-28

