

În perioada **2021.10.01 – 2021.10.29**

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 2882:2021

Aerospace series - Nuts, hexagonal, self-locking, with counterbore and captive washer, in steel, cadmium plated, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature) / 235 °C
dea: 2022-01-20

prEN 2944:2021

Aerospace series - Inserts, screw thread, helical coil, self-locking, in corrosion resisting steel FE-PA3004
dea: 2022-01-20

prEN ISO 11127-6

Preparation of steel substrates before application of paints and related products - Test methods for non-metallic blast-cleaning abrasives - Part 6: Determination of water-soluble contaminants by conductivity measurement (ISO/DIS 11127-6:2021)
dea: 2022-01-12

FprCEN/TR 16411

Child care articles - Compiled interpretations of CEN/TC 252 standards
dea: 2022-01-20

prEN ISO 16610-62

Geometrical product specifications (GPS) - Filtration - Part 62: Linear areal filters: Spline filters (ISO/DIS 16610-62:2021)
dea: 2022-01-12

01.040 Vocabulare

01.040.55 Ambalaje si distribuirea marfurilor (Vocabulare)

prEN 12374

Packaging - Flexible tubes - Terminology
dea: 2021-12-30

03.100 Organizarea si managementul întreprinderii. Sisteme de management

03.100.30 Managementul resurselor umane

prEN 17740

Requirements for professional profiles related to personal data processing and protection
dea: 2022-01-13

prEN 17748-1

Foundational Body of Knowledge for the ICT Profession (ICT BoK) - Part 1: Body of Knowledge
dea: 2022-01-20

03.120 Calitate

03.120.10 Managementul calitatii si asigurarea calitatii

prEN ISO 15189

Medical laboratories - Requirements for quality and competence (ISO/DIS 15189:2021)
dea: 2022-01-11

03.220 Transport

03.220.20 Transport rutier

FprCEN ISO/TS 19468

Intelligent transport systems - Data interfaces between centres for transport information and control systems - Platform-independent model specifications for data exchange protocols for transport information and control systems (ISO/DTS 19468:2021)
dea: 2021-12-31

07.100 Microbiologie

07.100.20 Microbiologia apei

prEN ISO 7704

Water quality - Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods (ISO/DIS 7704:2021)
dea: 2021-12-30

11.040 Echipament medical

11.040.10 Echipament pentru anestezie, respiratie si reanimare

prEN ISO 26825

Anaesthetic and respiratory equipment - User-applied labels for syringes containing drugs used during anaesthesia - Colours, design and performance (ISO 26825:2020)
dea: 2022-01-06

11.040.25 Seringi, ace si catetere

prEN ISO 26825

Anaesthetic and respiratory equipment - User-applied labels for syringes containing drugs used during anaesthesia - Colours, design and performance (ISO 26825:2020)
dea: 2022-01-06

11.040.40 Implanturi chirurgicale, proteze si orteze

prEN ISO 12417-1

Cardiovascular implants and extracorporeal systems - Vascular device-drug combination products - Part 1: General requirements (ISO/DIS 12417-1:2021)
dea: 2022-01-17

11.100 Medicina de laborator

11.100.01 Medicina de laborator în general

prEN ISO 15189

Medical laboratories - Requirements for quality and competence (ISO/DIS 15189:2021)
dea: 2022-01-11

11.100.10 Sisteme pentru încercari de diagnostic in vitro

FprCEN/TS 17742

Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for venous whole blood - Isolated circulating cell free RNA from plasma
dea: 2022-01-13

13.020 Protectia mediului

13.020.40 Poluare, controlul poluarii si protectia mediului

prEN ISO 4484-1

Textiles and textile products - Microplastics from textile sources - Part 1: Determination of material loss from fabrics during washing (ISO/DIS 4484-1:2021)
dea: 2022-01-21

13.040 Calitatea aerului

13.040.35 Camere curate si mediu înconjurator controlat

prEN ISO 14644

Cleanrooms and associated controlled environments - Part 4: Design, construction and start-up (ISO/DIS 14644:2021)
dea: 2022-01-03

13.060 Calitatea apei

13.060.60 Determinarea proprietatilor fizice ale apei

prEN ISO 13163

Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2021)
dea: 2022-01-20

13.080 Calitatea solului. Pedologie

13.080.05 Examinarea solului în general

prEN ISO 23611-4

Soil quality - Sampling of soil invertebrates - Part 4: Sampling, extraction and identification of soil-inhabiting nematodes (ISO/DIS 23611-4:2021)
dea: 2021-12-27

13.080.30 Proprietati biologice ale solurilor

prEN ISO 23611-4

Soil quality - Sampling of soil invertebrates - Part 4: Sampling, extraction and identification of soil-inhabiting nematodes (ISO/DIS 23611-4:2021)
dea: 2021-12-27

13.220 Protectia contra incendiilor

13.220.20 Protectia contra incendiilor

FprCEN/TS 17749

Fire extinguishing systems in commercial kitchens - System design, documentation, and test

requirements – Fire test procedures for plenum and ducts
dea: 2021-12-30

EN 45545-2:2020/prA1

Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components
dea: 2021-12-30

13.220.50 Rezistenta la foc a materialelor si a elementelor de constructii

EN 13501-6:2018/prA1

Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on power, control and communication cables
dea: 2022-01-06

13.340 Echipament de protectie individuala

13.340.10 Îmbracaminte de protectie

prEN ISO 6942

Protective clothing - Protection against heat and fire - Method of test: Evaluation of materials and material assemblies when exposed to a source of radiant heat (ISO/DIS 6942:2021)
dea: 2021-12-27

17.140 Acustica si masurari acustice

17.140.20 Zgomot emis de masini si echipamente

FprCEN ISO/TS 7849-1

Acoustics - Determination of airborne sound power levels emitted by machinery using vibration measurement - Part 1: Survey method using a fixed radiation factor (ISO/TS 7849-1:2009)
dea: 2022-01-06

FprCEN ISO/TS 7849-2

Acoustics - Determination of airborne sound power levels emitted by machinery using vibration measurement - Part 2: Engineering method including determination of the adequate radiation factor (ISO/TS 7849-2:2009)
dea: 2022-01-06

17.180 Optica si masurari optice

17.180.20 Culori si masurarea luminii

prEN ISO/CIE 11664-2

Colorimetry - Part 2: CIE standard illuminants (ISO/CIE DIS 11664-2.2:2021)
dea: 2021-12-17

17.240 Masurari de radiatii

prEN ISO 13163

Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2021)
dea: 2022-01-20

25.160 Sudare si lipire

25.160.50 Lipire

prEN 16602-70-61

Space product assurance - High-reliability soldering for surface mount, mixed technology and hand-mounted electrical connections

dea: 2021-12-30

27.190 Energie biologica si alte surse de energie alternativa**prEN ISO 18134-1**

Solid biofuels - Determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method (ISO/DIS 18134-1:2021)

dea: 2022-01-07

29.060 Conductoare si cabluri electrice**29.060.20 Cabluri****EN 13501-6:2018/prA1**

Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on power, control and communication cables

dea: 2022-01-06

35.020 Tehnologia informatiei (IT) în general**prEN 17748-1**

Foundational Body of Knowledge for the ICT Profession (ICT BoK) - Part 1: Body of Knowledge

dea: 2022-01-20

35.030 Securitatea IT**prEN 17740**

Requirements for professional profiles related to personal data processing and protection

dea: 2022-01-13

35.240 Aplicatii privind tehnologia informatiei**35.240.60 Aplicatii IT în transport****FprCEN ISO/TS 19468**

Intelligent transport systems - Data interfaces between centres for transport information and control systems - Platform-independent model specifications for data exchange protocols for transport information and control systems (ISO/DTS 19468:2021)

dea: 2021-12-31

35.240.80 Aplicatii IT în medicina**EN ISO 11615:2017/prA1**

Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated medicinal product information - Amendment 1 (ISO 11615:2017/DAM 1:2021)

dea: 2022-01-06

43.040 Sisteme pentru vehicule rutiere**43.040.20 Sisteme de iluminat, semnalizare si avertizare**

prEN 17750

Agricultural and forestry machinery - Light-signalling devices and installation on mounted implements
dea: 2021-12-30

45.040 Materiale si componente pentru cai ferate**prEN 16207**

Railway applications - Braking - Functional and performance criteria of Magnetic Track Brake systems for use in railway rolling stock
dea: 2021-12-30

45.060 Material rulant pentru cai ferate**45.060.01 Material rulant pentru cai ferate în general****EN 45545-2:2020/prA1**

Railway applications - Fire protection on railway vehicles - Part 2: Requirements for fire behaviour of materials and components
dea: 2021-12-30

47.020 Constructii navale si structuri maritime în general**47.020.20 Motoare si sisteme de propulsie marina****prEN 17763**

Centrifuges - Marine fuel centrifuges - Determination of particle separation performance and certified flow rate (CFR) under defined test conditions
dea: 2021-12-30

47.020.30 Retele de conducte**prEN 17763**

Centrifuges - Marine fuel centrifuges - Determination of particle separation performance and certified flow rate (CFR) under defined test conditions
dea: 2021-12-30

49.140 Sisteme spatiale, dezvoltare si operare**prEN 16602-60**

Space product assurance - Electrical, electronic and electromechanical (EEE) components
dea: 2021-12-30

prEN 16602-60-13

Space product assurance - Commercial electrical, electronic and electromechanical (EEE) components
dea: 2021-12-30

prEN 16602-70-61

Space product assurance - High-reliability soldering for surface mount, mixed technology and hand-mounted electrical connections
dea: 2021-12-30

prEN 16603-20

Space engineering - Electrical and electronic
dea: 2021-12-30

53.060 Carucioare de manipulare

prEN 1755

Industrial Trucks - Safety requirements and verification - Supplementary requirements for operation in potentially explosive atmospheres

dea: 2022-01-20

EN ISO 3691-3:2016/prA1

Industrial trucks - Safety requirements and verification - Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (ISO 3691 3:2016/DAM 1:2021)

dea: 2022-01-21

prEN ISO 3691-2

Industrial trucks - Safety requirements and verification - Part 2: Self-propelled variable-reach trucks (ISO/DIS 3691-2:2021)

dea: 2022-01-14

prEN 16307-2

Industrial trucks - Safety requirements and verification - Part 2: Supplementary requirements for self-propelled variable-reach trucks

dea: 2022-01-13

prEN 16307-3

Industrial trucks - Safety requirements and verification - Part 3 Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1)

dea: 2022-01-20

53.100 Masini si utilaje pentru lucrari terasiere**prEN ISO 6683**

Earth-moving machinery - Seat belts and seat belt anchorages - Performance requirements and tests (ISO/DIS 6683:2021)

dea: 2021-12-30

55.120 Cutii. Tuburi**prEN 12374**

Packaging - Flexible tubes - Terminology

dea: 2021-12-30

prEN 12377

Packaging - Flexible tubes - Test method for the air tightness of closures

dea: 2021-12-30

prEN 13048

Packaging - Flexible aluminium tubes - Internal lacquer film thickness measurement method

dea: 2021-12-30

59.060 Fibre textile**59.060.01 Fibre textile în general****prEN ISO 14389**

Textiles - Determination of the phthalate content - Tetrahydrofuran method (ISO/DIS 14389:2021)

dea: 2022-01-20

59.080 Produse din industria textila

59.080.01 Textile în general

prEN ISO 4484-1

Textiles and textile products - Microplastics from textile sources - Part 1: Determination of material loss from fabrics during washing (ISO/DIS 4484-1:2021)

dea: 2022-01-21

65.060 Masini si echipamente agricole

65.060.10 Tractoare agricole si remorci

prEN 17750

Agricultural and forestry machinery - Light-signalling devices and installation on mounted implements

dea: 2021-12-30

65.080 Îngrasaminte

FprCEN/TS 17780

Organic, organo-mineral and inorganic fertilizers - Detection of Salmonella spp.

dea: 2022-01-20

FprCEN/TS 17782

Fertilizing products - Determination of the stability of fertilizing products containing micronutrient chelates at different pHs

dea: 2022-01-20

FprCEN/TS 17783

Fertilizing products - Determination of the stability of fertilizing products containing micronutrient complexes

dea: 2022-01-20

FprCEN/TS 17784-1

Organo-mineral fertilizers - Identification of complexing agents - Part 1: Method using UV-Vis spectrophotometry and gravimetry

dea: 2022-01-20

FprCEN/TS 17784-2

Organo-mineral fertilizers - Identification of complexing agents - Part 2: Method using high-performance liquid chromatography (HPLC)

dea: 2022-01-20

FprCEN/TS 17786-1

Inorganic micronutrient fertilizers - Determination of the chelated micronutrient content and the chelated fraction of micronutrients - Part 1: Treatment with a cation exchange resin

dea: 2022-01-20

FprCEN/TS 17786-2

Inorganic micronutrient fertilizers - Determination of the chelated micronutrient content and the chelated fraction of micronutrients - Part 2: Determination of EDTA, DTPA, HEEDTA, IDHA or EDSS

dea: 2022-01-20

FprCEN/TS 17788

Organo-mineral fertilizers - Determination of the fraction of complexed micronutrients
dea: 2022-01-20

FprCEN/TS 17789-1

Organo-mineral fertilizers - Identification of chelating agents - Part 1: Determination of EDTA, HEEDTA and DTPA by ion chromatography
dea: 2022-01-20

FprCEN/TS 17789-2

Organo-mineral fertilizers - Identification of chelating agents - Part 2: Determination of Fe chelated by [o,o] EDDHA, [o,o] EDDHMA and HBED, or the amount of chelating agents by ion pair chromatography
dea: 2022-01-20

FprCEN/TS 17790

Organo-mineral fertilizers - Determination of the chelated micronutrient content and the chelated fraction of micronutrients by treatment with a cation exchange resin
dea: 2022-01-20

65.160 Tutun, produse din tutun si echipamente pentru industria tutunului**prEN 17634**

Electronic cigarettes and e-liquids - Determination of nicotine delivery consistency over defined puff sequences of a number of e-cigarettes of identical type
dea: 2022-01-13

prEN 17746

Electronic cigarettes and e-liquids - Determination of nicotine delivery consistency over defined puff sequences within a single e-cigarette
dea: 2022-01-13

67.050 Metode generale de analiza pentru produse alimentare**FprCEN/TS 17743**

Foodstuff - Determination of pesticide residues by ethyl acetate extraction using GC- and LC-MS/MS (SweEt)
dea: 2022-01-06

71.100 Produse din industria chimica**71.100.30 Explozivi. Substante pirotehnice si focuri de artificii****prEN 13763-1**

Explosives for civil uses - Detonators and detonating cord relays - Part 1: Requirements
dea: 2022-01-20

prEN 13763-27

Explosives for civil uses - Detonators and detonating cord relays - Part 27: Risk analysis and test methods for electronic initiation systems
dea: 2022-01-20

71.100.50 Produse chimice pentru protectia lemnului**FprCEN/TR 17809**

Durability of wood and wood-based products - Remedial treatment of wood against insects by injection
dea: 2022-01-20

73.020 Exploatare miniere si în cariere

prEN 16306

Natural stone test methods - Determination of resistance of marble to thermal and moisture cycles
dea: 2021-12-30

75.160 Combustibili

75.160.40 Biocombustibili

prEN ISO 18134-1

Solid biofuels - Determination of moisture content - Oven dry method - Part 1: Total moisture - Reference method (ISO/DIS 18134-1:2021)
dea: 2022-01-07

75.180 Masini si utilaje pentru industria petroliera si a gazului natural

75.180.10 Masini si utilaje pentru exploatare si extractie

prEN ISO 19901-10

Petroleum and natural gas industries - Specific requirements for offshore structures - Part 10: Marine geophysical investigations (ISO 19901-10:2021)
dea: 2022-01-06

77.080 Metale feroase

77.080.01 Metale feroase în general

prEN ISO 4943

Steel and cast iron - Determination of copper content - Flame atomic absorption spectrometric method (ISO/DIS 4943:2021)
dea: 2022-01-19

83.180 Adezivi

prEN ISO 11339

Adhesives - T-peel test for flexible-to-flexible bonded assemblies (ISO/FDIS 11339:2021)
dea: 2021-12-31

83.200 Echipament pentru industria cauciucului si industria de mase plastice

prEN 1417

Plastics and rubber machines - Two-roll mills - Safety requirements
dea: 2021-12-30

85.040 Celuloze

prEN ISO 638-2

Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 2: Suspensions of cellulosic nanomaterials (ISO/FDIS 638-2:2021)
dea: 2022-01-17

85.060 Hârtie si carton

prEN ISO 638-2

Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying

method - Part 2: Suspensions of cellulosic nanomaterials (ISO/FDIS 638-2:2021)
dea: 2022-01-17

87.040 Vopsele si emailuri

EN ISO 16474-2:2013/prA1

Paints and varnishes - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps -
Amendment 1: Classification of daylight filters (ISO/16474-2:2013/DAM 1:2021)
dea: 2022-01-17

87.060 Ingrediente pentru vopsele

87.060.10 Pigmenti si materiale de umplutura

prEN ISO 788

Ultramarine pigments (ISO 788:2021)
dea: 2022-01-20

91.060 Elemente ale constructiilor

91.060.50 Usi si ferestre

prEN 12978

Industrial, commercial and garage doors and gates and pedestrian doorsets - Protective devices for
power operated doors and gates - Requirements and test methods
dea: 2022-01-13

91.100 Materiale de constructii

91.100.15 Materiale si produse minerale

prEN 16306

Natural stone test methods - Determination of resistance of marble to thermal and moisture cycles
dea: 2021-12-30

91.100.30 Beton si produse din beton

prEN 12390-19

Testing of hardened concrete - Part 19: Determination of resistivity
dea: 2021-12-30

prEN 16757

Sustainability of construction works - Environmental product declarations - Product Category Rules for
concrete and concrete elements
dea: 2022-01-06

91.100.60 Materiale pentru izolatia termica si fonica

prEN 13496

Thermal insulation products for building applications - Determination of the mechanical properties of glass
fibre meshes as reinforcement for External Thermal Insulation Composite Systems with renders (ETICS)
dea: 2022-01-20

93.080 Ingineria drumurilor

93.080.20 Materiale de constructii pentru drumuri

prEN 12697-47

Bituminous mixtures - Test methods - Part 47: Determination of the ash content of natural asphalts
dea: 2021-12-30

97.040 Echipament de bucatarie

97.040.20 Aragaze, aparate de încălzire, cuptoare si aparate similare

prEN 30-1-4

Domestic cooking appliances burning gas - Safety - Part 1-4: Appliances having one or more burners with an automatic burner control system
dea: 2022-01-13

97.100 Aparate de încălzit de uz casnic, industrial si comercial

97.100.30 Aparate de încălzit cu combustibili solizi

prEN 15544

One off Kachelgrundöfen/Putzgrundöfen (tiled/mortared stoves) - Dimensioning
dea: 2021-12-30

97.140 Mobila

prEN 13721

Furniture - Assessment of the surface reflectance
dea: 2022-01-20

prEN 16121

Non-domestic storage furniture - Requirements for safety, strength, durability and stability
dea: 2022-01-20

FprCEN/TS 16209

Furniture - Classification for properties for furniture surfaces
dea: 2022-01-06

prEN 16611

Furniture - Assessment of the surface resistance to microscratching
dea: 2022-01-20

97.200 Echipamente pentru distractii

97.200.50 Jucarii

EN 71-13:2021/prA1

Safety of toys - Part 13: Olfactory board games, cosmetic kits and gustative games
dea: 2021-12-30