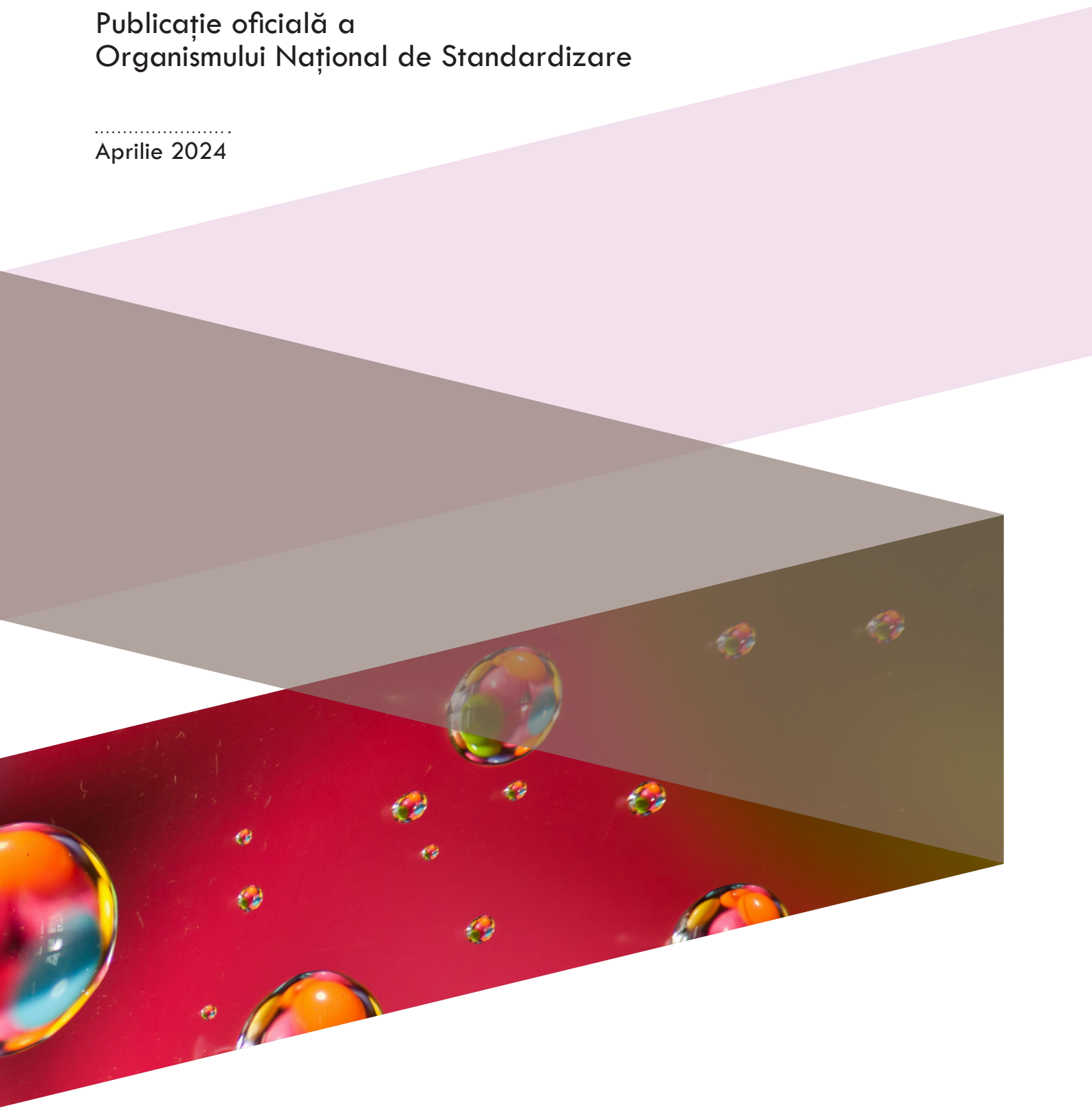




# BULETINUL STANDARDIZĂRII

Publicație oficială a  
Organismului Național de Standardizare

.....  
Aprilie 2024



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# STANDARDIZAREA NAȚIONALĂ

## STANDARDE APROBATE

Standardele române de mai jos au fost aprobate în luna **martie 2024**. Standardele române originale sunt notate cu (E). Standardele europene și internaționale sunt adoptate ca standarde române prin metoda versiunii române (T), metoda filei de confirmare (FC) sau metoda notei de confirmare (A). Sub indicativul standardului este indicat numărul comitetului tehnic (CT) responsabil. Pentru standardele adoptate prin metoda filei de confirmare sau metoda notei de confirmare, textul standardului nu este publicat în versiune română. Versiunile originale ale acestor standarde pot fi procurate de la Asociația de Standardizare din România.

În această rubrică sunt cuprinse, de asemenea, amendamente și erate ale standardelor române.

În cazul în care un standard aprobat înlocuiește și anulează unul sau mai multe standarde existente, indicativul/indicativele acestora sunt indicate după titlul standardului respectiv.

Informații privind standardele anulate sunt date în rubrica STANDARDE ANULATE.

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**SR EN IEC 60335-2-119:2024 A**  
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**CT 16**

**SR EN IEC 61098:2024 A**  
Aparatură pentru protecție la radiație. Ansambluri fixe pentru monitorizarea contaminării de suprafață a personalului  
Inlocuieste SR EN 61098:2008

**CT 52**

**SR EN ISO 13165-1:2024 A**  
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'Puncte de alimentare cu hidrogen amplasate în aer liber, care distribuie hidrogen gazos și integrează protocoale de încărcare

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**SR ISO 15392:2024** **FC**  
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**SR ISO 21929-1:2024** **FC**  
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**CT 239**  
**SR EN IEC 60335-2-119:2024** **A**  
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**STANDARDE EUROPENE / INTERNAȚIONALE ADOPTATE ÎNȚĂL PRIN FILĂ DE CONFIRMARE SAU NOTĂ DE CONFIRMARE PENTRU CARE S-A PUBLICAT VERSIUNEA ROMÂNĂ**

*În această rubrică sunt înscrise standardele române adoptate inițial prin filă de confirmare sau notă de confirmare pentru care s-a publicat versiunea română în luna anterioară.*

*Data de aprobare menționată sub titlul standardului este data la care a fost adoptat standardul european prin filă de confirmare sau notă de confirmare.*

**03.100.01 Organizarea și managementul**

**întreprinderii în general**

**SR EN ISO 56002:2021 NCT**

Managementul inovării. Sistem de management al inovării. Îndrumări

Data aprobării: 31.03.2021

Data traducerii: 15.03.2024

Data aprobării: 31.05.2018

Data traducerii: 29.03.2024

**03.100.40 Cercetare și dezvoltare**

**SR EN ISO 56002:2021 NCT**

Managementul inovării. Sistem de management al inovării. Îndrumări

Data aprobării: 31.03.2021

Data traducerii: 15.03.2024

**23.020.10 Rezervoare și bazine fixe**

**SR EN 1993-4-2:2007/A1:2018 NCT**

Eurocod 3: Proiectarea structurilor de oțel. Partea 4-2: Rezervoare

Data aprobării: 31.05.2018

Data traducerii: 29.03.2024

**03.100.70 Sisteme de management**

**SR EN ISO 56002:2021 NCT**

Managementul inovării. Sistem de management al inovării. Îndrumări

Data aprobării: 31.03.2021

Data traducerii: 15.03.2024

**65.040.20 Clădiri și instalații pentru prelucrarea și înmagazinarea produselor agricole**

**SR EN 1993-4-1:2007/A1:2018 NCT**

Eurocod 3: Proiectarea structurilor de oțel. Partea 4-1: Silozuri

Data aprobării: 31.05.2018

Data traducerii: 29.03.2024

**13.220.20 Protecția contra incendiilor**

**SR EN 54-13+A1:2020 NCT**

Sisteme de detectare și de alarmare la incendiu. Partea 13: Evaluarea compatibilității și conectabilității componentelor sistemului

Data aprobării: 31.03.2020

Data traducerii: 29.03.2024

**75.160.20 Combustibili lichizi**

**SR EN 17306:2023 NCT**

Produse petroliere lichide. Determinarea caracteristicilor de distilare la presiune atmosferică. Microdistilare

Data aprobării: 29.12.2023

Data traducerii: 29.03.2024

**SR EN 54-1:2021 NCT**

Sisteme de detectare și de alarmare la incendiu. Partea 1: Introducere

Data aprobării: 31.08.2021

Data traducerii: 29.03.2024

**75.160.30 Combustibili gazoși**

**SR EN 15984:2022 NCT**

Industria petrolieră și produsele petroliere. Determinarea compoziției gazelor de rafinare combustibile și calculul conținutului de carbon și al puterii calorifice. Metoda prin cromatografie în fază gazoasă

Data aprobării: 31.03.2022

Data traducerii: 29.03.2024

**23.020.01 Mijloace pentru stocarea fluidelor în general**

**SR EN 1993-4-2:2007/A1:2018 NCT**

Eurocod 3: Proiectarea structurilor de oțel. Partea 4-2: Rezervoare

**77.040.10 Încercări mecanice ale metalelor**

**SR EN ISO 7438:2020 NCT**

Materiale metalice. Încercarea la îndoire



Data traducerii: 29.03.2024

**SR EN 12310-2:2019**

**NCT**

Foi flexibile pentru hidroizolații. Determinarea rezistenței la sfâșiere. Partea 2: Foi din material plastic și din cauciuc pentru hidroizolarea acoperișurilor

Data aprobării: 31.05.2019

Data traducerii: 29.03.2024

**SR EN 1849-2:2019**

**NCT**

Foi flexibile pentru hidroizolații. Determinarea grosimii și masei pe unitatea de suprafață. Partea 2: Foi din material plastic și din cauciuc pentru hidroizolarea acoperișurilor

Data aprobării: 29.11.2019

Data traducerii: 29.03.2024

**SR EN 13416:2023**

**NCT**

Foi flexibile pentru hidroizolații. Foi bituminoase, din material plastic și din cauciuc pentru hidroizolarea acoperișurilor. Reguli pentru eșantionare

Data aprobării: 29.11.2023

Data traducerii: 29.03.2024

## PROIECTE DE STANDARDE ROMÂNE ORIGINALE ÎN ANCHETĂ PUBLICĂ

*Proiectele de standarde române originale de mai jos (standarde noi și revizuiți) sunt supuse anchetei publice. Asupra acestor proiecte poate face observații orice persoană fizică sau juridică. Proiectele pot fi obținute de la ASRO în urma unei cereri adresate la [asro@asro.ro](mailto:asro@asro.ro), în care se precizează indicativul și titlul standardului. Observațiile la un proiect de standard trebuie transmise pe aceeași adresă, până la termenul indicat pentru respectivul proiect, termen care reprezintă sfârșitul anchetei publice.*

### **CT 52**

#### **Calitatea apei**

Pr SR 9450:2024- revizuire a STAS 9450-88 Apă pentru irigarea culturilor agricole

**Durata ancheta:** 15 martie 2024- 15 mai 2024

## COMITETE TEHNICE NOI, MODIFICĂRI ÎN ORGANIZAREA ȘI STRUCTURA COMITETELOR TEHNICE EXISTENTE

În această rubrică sunt publicate informații privind comitetele tehnice naționale noi precum și comitetele tehnice naționale de standardizare care au suferit modificări în organizare sau structură.

- Activitatea de standardizare națională se desfășoară în comitete tehnice naționale, structuri fără personalitate juridică ale organismului național de standardizare. Organizarea și modul de lucru ale comitetelor tehnice sunt prevăzute în standardul SR 10000-3 *Principiile și metodologia standardizării. Partea 3: Structura și modul de lucru ale comitetelor tehnice*.
- Activitatea comitetelor tehnice se desfășoară atât pe plan național, cât și european și internațional.
- Membrii comitetelor tehnice naționale sunt persoane juridice interesate din diferite sectoare de activitate. Acestea pot fi: agenți economici, institute de cercetare, instituții de învățământ, asociații profesionale, organisme guvernamentale etc. Componenta comitetelor tehnice trebuie să asigure reprezentarea corespunzătoare a tuturor părților interesate: producători, utilizatori, consumatori, autorități etc. Pentru a deveni membru al unui comitet tehnic național de standardizare trebuie să se transmită o solicitare scrisă (e-mail sau fax) către ASRO.
- Prin participarea la activitatea comitetelor tehnice, specialiștii, care reprezintă părțile interesate, au posibilitatea să-și aducă contribuția la standardizarea națională, europeană sau internațională, să cunoască în avans informațiile propuse pentru a fi incluse în standarde, putând astfel lua măsurile care se impun prin aplicarea standardelor. Totodată, participarea activă la lucrările comitetelor tehnice reprezintă o deosebită oportunitate pentru a realiza și întreține contacte cu specialiștii din domeniul specific de activitate, din țară și străinătate.
- Informații privind participarea la activitatea de standardizare în cadrul comitetelor tehnice naționale se pot primi de la experții de standardizare din cadrul ASRO (a se vedea [www.asro.ro](http://www.asro.ro)). Adresa de contact a experților de standardizare are următorul format [prenume.nume@asro.ro](mailto:prenume.nume@asro.ro) (exemplu: [doina.dragomir@asro.ro](mailto:doina.dragomir@asro.ro)).
  - **CT 5**
  - **Materiale și fluide electroizolante**
  - **Secretar:** Ing. Doina DRAGOMIR - Asociația de Standardizare din România
  - **Expert ASRO:** Ing. Doina DRAGOMIR
  - **CT 42**
  - **Oțeluri și feroaliaje**
  - **Președinte:** Dan Nicolae CHEROIU - DONALAM S.R.L.
  - **Expert ASRO:** Ing. Mădălina SIMION
  - **CT 84**
  - **Transportoare și accesorii, echipamente de transport continuu și utilaj minier**
  - **Secretar:** Ing. Daniela LULEA - Asociația de Standardizare din România
  - **Expert ASRO:** Ing. Daniela LULEA
  - **CT 85**
  - **Instalații de ridicat, cărucioare industriale, ascensoare și instalații de transport pe cablu**
  - **Secretar:** Ing. Daniela LULEA - Asociația de Standardizare din România
  - **Expert ASRO:** Ing. Daniela LULEA
  - **CT 169**
  - **Materiale, echipament și structuri pentru industriile petrolului și gazelor naturale**
  - **Președinte:** Cristian NICOLAE - SC UZTEL SA
  - **Expert ASRO:** Ing. Mădălina SIMION
  - **CT 202**
  - **Țevi de fontă și oțel**
  - **Președinte:** Ing. Virgil DOBRE - Saint-Gobain Construction Products Romania SRL Business Unit PAM
  - **Expert ASRO:** Ing. Mădălina SIMION
  - **CT 218**
  - **Mașini și utilaje în construcții**
  - **Secretar:** Ing. Daniela LULEA - Asociația de Standardizare din România
  - **Expert ASRO:** Ing. Daniela LULEA

# STANDARDIZAREA EUROPEANĂ

Informațiile din această secțiune se referă la activitatea Organizațiilor Europene de Standardizare CEN, CENELEC și ETSI.

Pentru înțelegerea simbolurilor utilizate în această secțiune se fac precizările de mai jos:

EN	standard european (CEN, CENELEC, ETSI)
HD	document de armonizare (CENELEC)
CEN/TS, CLC/TS	specificație tehnică europeană
CEN/TR, CLC/TR	raport tehnic european
CWA	acordul unui workshop CEN/CENELEC
ETSI EG	ghid ETSI
ETSI EN	standard european pentru telecomunicații
ETSI ES	standard ETSI
ETSI TS	specificație tehnică ETSI
ETSI TR	raport tehnic ETSI
ETSI SR	raport special ETSI
prEN	proiect de standard european aflat în anchetă publică
prHD	proiect de document de armonizare aflat în anchetă publică
doa	termenul limită de anunțare a standardului european la nivel național
dop	termenul limită de publicare a standardului european la nivel național
dow	termenul limită de retragere a standardelor naționale conflictuale
dea	termenul limită de vot



În perioada **2024.03.01 – 2024.03.31**

**01.040 Vocabulare**
**01.040.45 Căi ferate (Vocabulare)**
**EN ISO 22074-1:2024**

Railway infrastructure - Rail fastening systems - Part 1: Vocabulary (ISO 22074-1:2020)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**01.100 Desene tehnice**
**01.100.30 Desene pentru construcții**
**EN ISO 4172:2024**

Technical product documentation (TPD) - Construction documentation - Drawings for the assembly of prefabricated structures (ISO 4172:2024)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 7519:2024**

Technical product documentation (TPD) - Construction documentation - General principles of presentation for general arrangement and assembly drawings (ISO 7519:2024)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**03.080 Servicii**
**03.080.10 Servicii de mentenanță.  
Managementul infrastructurii**
**EN ISO 41017:2024**

Facility management - Guidance on emergency preparedness and management of an epidemic (ISO 41017:2024)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**03.080.30 Servicii pentru consumatori**
**EN ISO 24807:2024**

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 100 m (ISO 24807:2023)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**03.100 Organizarea și  
managementul întreprinderii.  
Sisteme de management**
**03.100.30 Managementul resurselor  
umane**
**EN ISO 24807:2024**

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 100 m (ISO 24807:2023)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**03.120 Calitate**
**03.120.10 Managementul calității și  
asigurarea calității**
**EN 9102:2024**

Aerospace series - Quality systems - First article inspection requirements

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**03.200 Timp de recreere. Turism**
**03.200.99 Alte standarde referitoare la  
agrement și turism**
**EN ISO 24807:2024**

Recreational diving services - Requirements for rebreather diver training - Decompression diving to 100 m (ISO 24807:2023)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**03.220 Transport**
**03.220.01 Transport în general**
**EN ISO 21177:2024**

Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2024)

doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**03.220.20 Transport rutier**



**EN ISO 12813:2024**

Electronic fee collection - Compliance check communication for autonomous systems (ISO 12813:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 13141:2024**

Electronic fee collection - Localization augmentation communication for autonomous systems (ISO 13141:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**11.040      Echipament medical****11.040.10      Echipament pentru anestezie, respirație și reanimare****EN ISO 15002:2024**

Flow control devices for connection to a medical gas supply system (ISO 15002:2023)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**11.060      Stomatologie****11.060.01      Stomatologie în general****EN ISO 5365:2024**

Dentistry - Designation system for tooth development stages (ISO 5365:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 10394:2024**

Dentistry - Designation system for supernumerary teeth (ISO 10394:2023)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**11.080      Sterilizare și dezinfectare****11.080.20      Dezinfectante și antiseptice****EN 17430:2024**

Chemical disinfectants and antiseptics - Hygienic handrub virucidal - Test method and requirements (phase 2/step 2)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**11.100      Medicină de laborator****11.100.10      Sisteme pentru încercări de diagnostic in vitro****EN ISO 20916:2024**

In vitro diagnostic medical devices - Clinical performance studies using specimens from human subjects - Good study practice (ISO 20916:2019)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2027-03-31

**11.120      Farmacie****11.120.20      Pansamente și comprese****EN 17854:2024**

Antimicrobial wound dressings - Requirements and test method

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**13.020      Protecția mediului****13.020.10      Managementul mediului****CEN/TR 18047:2024**

Mechanical products — Order of magnitude of key environmental data

doa:                      dop:                      dow:

**13.020.55      Produse de origine biologică****EN 17980:2024**

Algae and algae products - Sampling - Guidelines for the definition of sampling programs and sampling protocols

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**13.040      Calitatea aerului****13.040.20      Aer ambiant****EN ISO 16000-11:2024**

Indoor air - Part 11: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Sampling, storage of samples and preparation of test specimens (ISO 16000-11:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 16000-9:2024**

Indoor air - Part 9: Determination of the emission of volatile organic compounds from samples of building products and furnishing - Emission test chamber method (ISO 16000-9:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **13.040.30      Aerul la locul de muncă**

#### **EN ISO/ASTM 52933:2024**

Additive manufacturing - Environment, health and safety - Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places (ISO/ASTM 52933:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **13.060      Calitatea apei**

#### **13.060.30      Ape uzate**

#### **EN 12255-12:2024**

Wastewater treatment plants - Part 12: Control and automation

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **EN 12255-5:2024**

Wastewater treatment plants - Part 5: Lagooning processes

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **13.100      Securitate profesională. Igienă industrială**

#### **EN ISO/ASTM 52933:2024**

Additive manufacturing - Environment, health and safety - Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places (ISO/ASTM 52933:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **13.220      Protecția contra incendiilor**

#### **13.220.01      Standarde generale referitoare la protecția contra incendiilor**

#### **EN ISO 13702:2024**

Oil and gas industries - Control and mitigation of fires and explosions on offshore production installations - Requirements and guidelines (ISO 13702:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **13.220.20      Protecția contra incendiilor**

#### **EN 45545-3:2024**

Railway applications - Fire protection on railway vehicles - Part 3: Fire resistance requirements for fire barriers

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **EN 45545-4:2024**

Railway applications - Fire protection on railway vehicles - Part 4: Fire safety requirements for rolling stock design

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **13.220.50      Rezistența la foc a materialelor și a elementelor de construcții**

#### **EN 1991-1-2:2024**

Eurocode 1 - Actions on structures – Part 1-2: Actions on structures exposed to fire

doa: 2024-06-30      dop: 2027-09-30  
dow: 2028-03-31

#### **EN 1993-1-2:2024**

Eurocode 3 - Design of steel structures - Part 1-2: Structural fire design

doa: 2024-06-30      dop: 2027-09-30  
dow: 2028-03-31

### **13.300      Protecția contra produselor periculoase**

#### **CEN/TS 18020:2024**

Construction products: Assessment of release of dangerous substances - Sampling and quantitative determination of asbestos in construction products

doa: 2024-06-30      dop:              dow:

### **13.340      Echipament de protecție individuală**

#### **13.340.30      Dispozitive de protecție respiratorie**

#### **EN 134:2024**

Respiratory protective devices - Nomenclature of components

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **13.340.60      Protecție împotriva căderilor și alunecărilor**

#### **EN 813:2024**

Personal fall protection equipment - Sit harnesses

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

### **17.140      Acustică și măsurări acustice**

#### **17.140.20      Zgomot emis de mașini și echipamente**

##### **EN ISO 16032:2024**

Acoustics - Measurement of sound pressure level from service equipment or activities in buildings - Engineering method (ISO 16032:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **23.020      Mijloace pentru stocarea fluidelor**

##### **23.020.35      Butelii de gaz**

##### **EN 16728:2016+A2:2020/AC:2024**

LPG equipment and accessories - Transportable refillable LPG cylinders other than traditional welded and brazed steel cylinders - Periodic inspection

doa:                      dop:                      dow:

##### **23.040      Conducte și accesorii**

##### **23.040.01      Conducte și accesorii în general**

##### **EN 1594:2024**

Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **23.040.07      Conducte și părțile lor pentru termoficare**

##### **EN 17878-1:2024**

District heating pipes - Factory made flexible pipe systems with a lower temperature profile - Part 1: Classification, general requirements and test methods

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **EN 17878-2:2024**

District heating pipes - Factory made flexible pipe systems with a lower temperature profile - Part 2: Requirements and test methods for bonded systems with plastic service pipes

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **EN 17878-3:2024**

District heating pipes - Factory made flexible pipe systems with a lower temperature profile - Part 3: Requirements and test methods for non bonded systems with plastic service pipes

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **23.060      Robinetărie**

##### **23.060.01      Robinetărie în general**

##### **EN ISO 8233:2024**

Thermoplastics valves - Torque - Test method (ISO 8233:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **25.030      Fabricația aditivă**

##### **EN ISO/ASTM 52909:2024**

Additive manufacturing of metals - Finished part properties - Orientation and location dependence of mechanical properties for metal parts (ISO/ASTM 52909:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **EN ISO/ASTM 52933:2024**

Additive manufacturing - Environment, health and safety - Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places (ISO/ASTM 52933:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **25.160      Sudare și lipire**

##### **25.160.01      Sudare și lipire în general**

##### **EN ISO 3834-6:2024**

Quality requirements for fusion welding of metallic materials - Part 6: Guidelines on implementing ISO 3834 series (ISO 3834-6:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **25.160.10      Procedee de sudare**

##### **EN ISO 9692-2:2024**

Welding and allied processes - Joint preparation - Part 2: Submerged arc welding

of steels (ISO 9692-2:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 15610:2024**

Specification and qualification of welding procedures for metallic materials - Qualification based on tested welding consumables (ISO 15610:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**25.160.40      Materiale de adaos**

**EN ISO 9692-2:2024**

Welding and allied processes - Joint preparation - Part 2: Submerged arc welding of steels (ISO 9692-2:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 12814-7:2024**

Testing of welded joints of thermoplastics semi-finished products - Part 7: Tensile test with waisted test specimens  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**27.160      Energie solară**

**EN ISO 24194:2022/A1:2024**

Solar energy - Collector fields - Check of performance - Amendment 1 (ISO 24194:2022/Amd 1:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**29.030      Materiale magnetice**

**EN 10251:2024**

Magnetic materials - Methods of determination of the geometrical characteristics of electrical steel sheet and strip  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**35.030      Securitatea IT**

**EN ISO 21177:2024**

Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**35.040      Codificarea informației**

**35.040.50      Tehnici automate de identificare și de capturare a datelor**

**EN ISO/IEC 15421:2024**

Information technology - Automatic identification and data capture techniques - Bar code master test specifications (ISO/IEC 15421:2010)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**35.240      Aplicații privind tehnologia informației**

**35.240.60      Aplicații IT în transport**

**EN ISO 12813:2024**

Electronic fee collection - Compliance check communication for autonomous systems (ISO 12813:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 13141:2024**

Electronic fee collection - Localization augmentation communication for autonomous systems (ISO 13141:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 21177:2024**

Intelligent transport systems - ITS station security services for secure session establishment and authentication between trusted devices (ISO 21177:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**35.240.67      Aplicații IT în clădiri și industria de construcții**

**EN 15941:2024**

Sustainability of construction works - Data quality for environmental assessment of products and construction work - Selection and use of data  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**43.080      Vehicule comerciale**

**43.080.10      Camioane și remorci**

**EN 17921:2024**

Natural gas fuelling stations - LNG unloading connector

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 17922:2024**

Natural gas fuelling stations - LNG unloading stop system

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**45.040            Materiale și componente pentru căi ferate**

**EN 16207:2024**

Railway applications - Braking - Functional and performance criteria of magnetic track brake systems for use in railway rolling stock

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**45.060            Material rulant pentru căi ferate**

**45.060.01        Material rulant pentru căi ferate în general**

**EN 45545-3:2024**

Railway applications - Fire protection on railway vehicles - Part 3: Fire resistance requirements for fire barriers

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 45545-4:2024**

Railway applications - Fire protection on railway vehicles - Part 4: Fire safety requirements for rolling stock design

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**45.080            Șine și componente pentru linii ferate**

**EN ISO 22074-1:2024**

Railway infrastructure - Rail fastening systems - Part 1: Vocabulary (ISO 22074-1:2020)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 22074-2:2024**

Railway infrastructure - Rail fastening systems - Part 2: Test method for longitudinal rail restraint (ISO 22074-2:2021)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 22074-3:2024**

Railway infrastructure - Rail fastening

systems - Part 3: Proof load test method for pull-out resistance (ISO 22074-3:2021)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 22074-4:2024**

Railway infrastructure - Rail fastening systems - Part 4: Test methods for resistance to repeated loading (ISO 22074-4:2022)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 22074-5:2024**

Railway infrastructure - Rail fastening systems - Part 5: Test method for electrical resistance (ISO 22074-5:2021)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 22074-6:2024**

Railway infrastructure - Rail fastening systems - Part 6: Test method for resistance to severe environmental conditions (ISO 22074-6:2021)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 22074-7:2024**

Railway infrastructure - Rail fastening systems - Part 7: Test method for clamping force and uplift stiffness (ISO 22074-7:2021)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN ISO 22074-8:2024**

Railway infrastructure - Rail fastening systems - Part 8: Test method for vertical stiffness (ISO 22074-8:2022)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**49.020            Aeronave și vehicule spațiale în general**

**EN 9102:2024**

Aerospace series - Quality systems - First article inspection requirements

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**49.030            Elemente de asamblare pentru industria aeronautică**

**49.030.20        Bolțuri, șuruburi, știfturi filetate**

**EN 2939:2024**

Aerospace series - Screw, 100° countersunk

head, offset cruciform recess, threaded to head, in heat resisting steel FE-PA92HT (A286) - Classification: 900 MPa (at ambient temperature)/650 °C  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **49.030.30      Piulițe**

##### **EN 2943:2024**

Aerospace series - Insert, MJ and M screw threads, helical coil - Technical specification  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **53.020      Instalații de ridicat**

##### **53.020.20      Macarale**

##### **EN 13557:2024**

Cranes - Control devices and control stations  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **CEN/TS 17471:2024**

Cranes - Loader cranes - Interface between loader cranes and work platforms  
doa: 2024-06-30      dop:                      dow:

#### **59.080      Produse din industria textilă**

##### **59.080.01      Textile în general**

##### **EN ISO 105-B04:2024**

Textiles - Tests for colour fastness - Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test (ISO 105-B04:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **65.080      Îngrășăminte**

##### **EN 17925:2024**

Soil improvers and growing media - Determination of temperature-time profiles during composting and digestion  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **71.100      Produse din industria chimică**

##### **71.100.50      Produse chimice pentru protecția lemnului**

##### **EN 73:2020+A1:2024**

Durability of wood and wood-based products  
20

- Accelerated ageing of treated wood prior to biological testing - Evaporative ageing procedure  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **71.100.80      Produse chimice pentru purificarea apei**

##### **EN 17841:2024**

Chemical used for treatment of water intended for human consumption - Antifouling for membranes - Sulphamic acid  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **75.080      Produse petroliere în general**

##### **EN 12916:2024**

Petroleum products - Determination of aromatic hydrocarbon types in middle distillates - High performance liquid chromatography method with refractive index detection  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **75.160      Combustibili**

##### **75.160.20      Combustibili lichizi**

##### **EN 589:2024**

Automotive fuels - LPG - Requirements and test methods  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

#### **75.180      Mașini și utilaje pentru industria petrolieră și a gazului natural**

##### **75.180.10      Mașini și utilaje pentru exploatare și extracție**

##### **EN ISO 13702:2024**

Oil and gas industries - Control and mitigation of fires and explosions on offshore production installations - Requirements and guidelines (ISO 13702:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

##### **75.180.30      Măsurarea volumului și aparatura corespunzătoare**

##### **EN ISO 12185:2024**

Crude petroleum, petroleum products and

related products - Determination of density - Laboratory density meter with an oscillating U tube sensor (ISO 12185:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

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

**EN 1594:2024**

Gas infrastructure - Pipelines for maximum operating pressure over 16 bar - Functional requirements  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 17921:2024**

Natural gas fuelling stations - LNG unloading connector  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 17922:2024**

Natural gas fuelling stations - LNG unloading stop system  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**77.140      Produse din oțel și fontă**

**77.140.15      Oțeluri pentru armarea betonului**

**EN 10348:2024**

Steel for the reinforcement of concrete - Galvanized reinforcing steel products  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**77.140.50      Produse și semi-produse plate din oțel**

**EN 10251:2024**

Magnetic materials - Methods of determination of the geometrical characteristics of electrical steel sheet and strip  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**79.060      Plăci din lemn**

**79.060.20      Plăci din aşchii de lemn și plăci din fibre de lemn**

**EN 622-4:2024**

Fibreboards - Specifications - Part 4:

Requirements for softboards

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**81.040      Sticlă**

**81.040.20      Sticlă pentru construcții**

**CEN/TS 19100-4:2024**

Design of glass structures - Part 4: Glass selection relating to the risk of human injury - Guidance for specification  
doa: 2024-06-30      dop:                      dow:

**83.080      Materiale plastice**

**83.080.01      Materiale plastice, în general**

**EN ISO 22007-1:2024**

Plastics - Determination of thermal conductivity and thermal diffusivity - Part 1: General principles (ISO 22007-1:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**83.080.20      Materiale termoplastice**

**EN ISO 3451-4:2024**

Plastics - Determination of ash - Part 4: Polyamides (ISO 3451-4:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**83.140      Produse din cauciuc și materiale plastice**

**83.140.30      Țevi de material plastic și fittinguri pentru utilizări fără fluide**

**EN ISO 8233:2024**

Thermoplastics valves - Torque - Test method (ISO 8233:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**87.040      Vopsele și emailuri**

**EN ISO 4628-10:2024**

Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 10: Assessment of degree of filiform corrosion (ISO 4628-10:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**91.010      Construcții civile în general**

**91.010.30 Aspecte tehnice referitoare la construcții**

**EN 1991-1-2:2024**

Eurocode 1 - Actions on structures – Part 1-2: Actions on structures exposed to fire  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-13:2024**

Eurocode 3 - Design of steel structures - Part 1-13: Beams with large web openings  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-2:2024**

Eurocode 3 - Design of steel structures - Part 1-2: Structural fire design  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-3:2024**

Eurocode 3 - Design of steel structures - Part 1-3: Cold-formed members and sheeting  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-5:2024**

Eurocode 3 - Design of steel structures - Part 1-5: Plated structural elements  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-8:2024**

Eurocode 3 - Design of steel structures - Part 1-8: Joints  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**91.010.99 Alte aspecte**

**EN 15941:2024**

Sustainability of construction works - Data quality for environmental assessment of products and construction work - Selection and use of data  
doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**91.060 Elemente ale construcțiilor**

**91.060.50 Uși și ferestre**

**EN 16005:2023+A1:2024**

Power operated pedestrian doorsets - Safety in use - Requirements and test methods  
doa: 2024-06-30 dop: 2024-09-30  
dow: 2024-09-30

**91.080 Structuri de construcții**

**91.080.13 Structuri de oțel**

**EN 1993-1-13:2024**

Eurocode 3 - Design of steel structures - Part 1-13: Beams with large web openings  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-2:2024**

Eurocode 3 - Design of steel structures - Part 1-2: Structural fire design  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-3:2024**

Eurocode 3 - Design of steel structures - Part 1-3: Cold-formed members and sheeting  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-5:2024**

Eurocode 3 - Design of steel structures - Part 1-5: Plated structural elements  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**EN 1993-1-8:2024**

Eurocode 3 - Design of steel structures - Part 1-8: Joints  
doa: 2024-06-30 dop: 2027-09-30  
dow: 2028-03-31

**91.080.99 Alte structuri**

**CEN/TS 19100-4:2024**

Design of glass structures - Part 4: Glass selection relating to the risk of human injury - Guidance for specification  
doa: 2024-06-30 dop:                      dow:

**91.100 Materiale de construcții**

**91.100.01 Materiale de construcții în general**

**CEN/TS 18020:2024**

Construction products: Assessment of release of dangerous substances - Sampling and quantitative determination of asbestos in construction products  
doa: 2024-06-30 dop:                      dow:

**91.120 Protecția exterioară și interioară a clădirilor**



**91.120.20 Acustică în clădiri. Izolație fonică****EN ISO 16032:2024**

Acoustics - Measurement of sound pressure level from service equipment or activities in buildings - Engineering method (ISO 16032:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**91.140 Instalații în clădiri****91.140.01 Instalații în clădiri în general****EN ISO 16032:2024**

Acoustics - Measurement of sound pressure level from service equipment or activities in buildings - Engineering method (ISO 16032:2024)

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**91.140.40 Sisteme de alimentare cu gaz****EN 12261:2024**

Gas meters - Turbine gas meters

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**91.140.70 Instalații sanitare****EN 15091:2024**

Sanitary tapware - Electronic opening and closing sanitary tapware

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**93.025 Sisteme de transport exterioare pentru apă****EN 16941-1:2024**

On-site non-potable water systems - Part 1: Systems for the use of rainwater

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**93.080 Ingineria drumurilor****93.080.20 Materiale de construcții pentru drumuri****EN 13282-3:2024**

Hydraulic road binders - Part 3: Assessment and verification of constancy of performance

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 13863-5:2024**

Concrete pavements - Part 5: Determination of the bond stress of dowels to be used in concrete pavements

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 13863-6:2024**

Concrete pavements - Part 6: Test method for the determination of the tensile strength of concrete on cylindrical discs

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 13880-5:2024**

Hot applied joint sealants - Part 5: Test method for the determination of flow resistance

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 15466-1:2024**

Primers for cold and hot applied joint sealants - Part 1: Determination of homogeneity

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 15466-2:2024**

Primers for cold and hot applied joint sealants - Part 2: Determination of resistance against alkali

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 15466-3:2024**

Primers for cold and hot applied joint sealants - Part 3: Determination of solids content and evaporation behaviour of volatiles

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**97.140 Mobilă****EN 747-1:2024**

Furniture - Bunk beds and high beds - Part 1: Safety, strength and durability requirements

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 747-2:2024**

Furniture - Bunk beds and high beds - Part 2: Test methods

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**EN 15186:2024**

Furniture - Assessment of the surface resistance to scratching

doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30



În perioada **2024.03.01 – 2024.03.31**

**CEN/CLC Guide 25:2024**

The concept of Cooperation with European Organizations and other stakeholders

doa:                      dop:                      dow:

Test Fx: Vibration - Multi-exciter and multi-axis method

doa: 2024-06-21              dop: 2024-12-21  
dow: 2027-03-21

**CEN/CLC Guide 29:2024**

CEN and/or CENELEC Workshop Agreements - A rapid way to standardization

doa:                      dop:                      dow:

**23.120              Ventilatoare. Exhaustoare.  
Aparate de condiționat aerul**
**EN IEC 63086-2-1:2024**

Household and similar electrical air cleaning appliances - Methods for measuring the performance - Part 2-1: Particular requirements for determination of reduction of particles

doa: 2024-05-23              dop: 2024-11-23  
dow: 2027-02-23

**03.120              Calitate**
**03.120.20              Certificarea produselor și a  
întreprinderilor. Evaluarea  
conformității**
**EN ISO/IEC 27006-1:2024**

Information security, cybersecurity and privacy protection - Requirements for bodies providing audit and certification of information security management systems - Part 1: General (ISO/IEC 27006-1:2024)

doa: 2024-06-30              dop: 2024-09-30  
dow: 2024-09-30

**27.070              Pile cu combustibil**
**EN IEC 62282-6-101:2024**

Fuel cell technologies - Part 6-101: Micro fuel cell power systems - Safety - General requirements

doa: 2024-06-22              dop: 2024-12-22  
dow: 2027-03-22

**11.040              Echipament medical**
**11.040.01              Echipament medical în  
general**
**EN IEC 80601-2-26:2020/A1:2024**

Medical electrical equipment - Part 2-26: Particular requirements for the basic safety and essential performance of electroencephalographs

doa: 2024-06-20              dop: 2024-12-20  
dow: 2027-03-20

**EN IEC 62282-6-106:2024**

Fuel cell technologies - Part 6-106: Micro fuel cell power systems - Safety - Indirect Class 8 (corrosive) compounds

doa: 2024-06-22              dop: 2024-12-22  
dow: 2027-03-22

**13.260              Protecția contra  
electrocutării**
**EN IEC 62819:2023/AC:2024-03**

Live working - Eye, face and head protectors against the effects of electric arc - Performance requirements and test methods

doa:                      dop:                      dow:

**29.020              Electrotehnică în general**
**EN IEC 62561-7:2024**

Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds

doa: 2024-06-28              dop: 2024-12-28  
dow: 2027-03-28

**19.040              Încercări de mediu**
**EN IEC 60068-2-86:2024**

Environmental testing - Part 2-86: Tests -

**29.120              Accesorii electrice**
**29.120.20              Dispozitive de conectare**
**EN IEC 60352-9:2024**

Solderless connections - Part 9: Ultrasonically welded connections - General requirements, test methods and practical guidance

doa: 2024-06-28      dop: 2024-12-28  
dow: 2027-03-28

## **29.140      Lămpi și accesorii**

### **29.140.10      Dulii și socluri pentru lămpi**

#### **EN 60061-3:1993/A60:2024**

Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges

doa: 2024-06-20      dop: 2024-12-20  
dow: 2027-03-20

### **29.140.99      Alte standarde referitoare la lămpi**

#### **EN IEC 63403-1:2024**

Horticultural lighting - LED packages for horticultural lighting - Part 1: Specification sheet

doa: 2024-06-14      dop: 2024-12-14  
dow: 2027-03-14

#### **EN IEC 63403-2:2024**

Horticultural lighting - LED packages for horticultural lighting - Part 2: Binning

doa: 2024-06-14      dop: 2024-12-14  
dow: 2027-03-14

## **29.160      Mașini electrice rotative**

### **29.160.01      Mașini electrice rotative în general**

#### **EN IEC 60034-30-3:2024**

Rotating electrical machines - Part 30-3: Efficiency classes of high voltage AC motors (IE-code)

doa: 2024-06-21      dop: 2024-12-21  
dow: 2027-03-21

### **29.160.10      Componente pentru mașini electrice rotative**

#### **EN IEC 60034-30-3:2024**

Rotating electrical machines - Part 30-3: Efficiency classes of high voltage AC motors (IE-code)

doa: 2024-06-21      dop: 2024-12-21  
dow: 2027-03-21

### **29.160.30      Motoare electrice**

#### **EN IEC 60034-30-3:2024**

Rotating electrical machines - Part 30-3: Efficiency classes of high voltage AC motors (IE-code)

26

doa: 2024-06-21      dop: 2024-12-21  
dow: 2027-03-21

## **29.180      Transformatoare. Bobine de inductanță**

### **EN 50719:2024**

Connecting terminal flags for bushings from 250 A to 4 000 A for insulating liquid filled transformers

doa: 2024-08-12      dop: 2025-02-12  
dow: 2027-02-12

## **29.220      Acumulatori și elemente galvanice**

### **29.220.30      Acumulatori și baterii alcaline**

#### **EN IEC 63118-1:2024**

12 V lithium-ion secondary batteries for automotive starting, lighting, ignition (SLI) applications and auxiliary purposes - Part 1: General requirements and methods of test

doa: 2024-06-27      dop: 2024-12-27  
dow: 2027-03-27

## **29.240      Rețele de transport și distribuție a energiei electrice**

### **29.240.99      Alte echipamente referitoare la instalații de transport și distribuție a energiei electrice**

#### **EN IEC 62819:2023/AC:2024-03**

Live working - Eye, face and head protectors against the effects of electric arc -

Performance requirements and test methods

doa:                      dop:                      dow:

## **29.260      Echipament electric pentru condiții speciale**

### **29.260.20      Aparate și echipamente electrice pentru medii explozive**

#### **EN IEC 60079-31:2024**

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

doa: 2024-03-13      dop: 2024-09-13  
dow: 2026-12-13

### **29.260.99      Alte echipamente electrice pentru condiții speciale**

#### **EN IEC 62819:2023/AC:2024-03**

Live working - Eye, face and head protectors against the effects of electric arc -

Performance requirements and test methods  
 doa:                    dop:                    dow:

### **31.020            Componente electronice în general**

#### **EN IEC 63203-402-2:2024**

Wearable electronic devices and technologies - Part 402-2: Performance measurement of fitness wearables - Step counting

doa: 2024-06-06            dop: 2024-12-06  
 dow: 2027-03-06

### **31.160            Filtre electrice**

#### **EN IEC 60939-3:2024**

Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate

doa: 2024-06-18            dop: 2024-12-18  
 dow: 2027-03-18

### **31.220            Componente electromecanice pentru echipamente electronice și de telecomunicații**

#### **31.220.10       Fișe. Conectoare**

##### **EN IEC 60352-9:2024**

Solderless connections - Part 9: Ultrasonically welded connections - General requirements, test methods and practical guidance

doa: 2024-06-28            dop: 2024-12-28  
 dow: 2027-03-28

### **33.120            Componente și accesorii pentru echipament de telecomunicații**

#### **33.120.30       Conectoare pentru frecvențe radio**

##### **EN IEC 61169-10:2024**

Radio-frequency connectors - Part 10: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 3 mm (0,12 in) with snap-on coupling - Characteristic impedance 50 Ω (Type SMB)

doa: 2024-06-28            dop: 2024-12-28  
 dow: 2027-03-28

### **33.180            Comunicații prin fibră optică**

### **33.180.10       Fibre optice și cabluri**

#### **EN IEC 60794-1-311:2024**

Optical fibre cables - Part 1-311: Generic specification - Basic optical cable test procedures - Cable element test methods - Tensile strength and elongation test for cable elements, Method G11A

doa: 2024-06-06            dop: 2024-12-06  
 dow: 2027-03-06

#### **EN IEC 60794-1-312:2024**

Optical fibre cables - Part 1-312: Generic specification - Basic optical cable test procedures - Cable element test methods - Elongation test for buffer tubes at low temperature, Method G11B

doa: 2024-06-06            dop: 2024-12-06  
 dow: 2027-03-06

#### **EN IEC 60794-2-23:2024**

Optical fibre cables - Part 2-23: Indoor cables - Detail specification for multi-fibre cables for use in MPO connector terminated cable assemblies

doa: 2024-06-06            dop: 2024-12-06  
 dow: 2027-03-06

#### **EN IEC 60794-2-24:2024**

Optical fibre cables - Part 2-24: Indoor cables - Detail specification for multiple multi-fibre unit cables for use in MPO connector terminated breakout cable assemblies

doa: 2024-06-01            dop: 2024-12-01  
 dow: 2027-03-01

### **33.180.99       Alte echipamente de transmitere prin fibre optice**

#### **EN IEC 61757-6-1:2024**

Fibre optic sensors - Part 6-1: Displacement measurement - Displacement sensors based on fibre Bragg gratings

doa: 2024-05-23            dop: 2024-11-23  
 dow: 2027-02-23

### **33.200            Telecomandă. Teleconducere**

#### **EN IEC 61970-302:2024**

Energy management system application program interface (EMS-API) - Part 302: Common information model (CIM) dynamics

doa: 2024-06-06            dop: 2024-12-06  
 dow: 2027-03-06

#### **EN IEC 61970-457:2024**

Energy management system application

program interface (EMS-API) - Part 457:  
Dynamics profile  
doa: 2024-06-15      dop: 2024-12-15  
dow: 2027-03-15

**35.030      Securitatea IT**

**EN ISO/IEC 27006-1:2024**

Information security, cybersecurity and  
privacy protection - Requirements for bodies  
providing audit and certification of information  
security management systems - Part 1:  
General (ISO/IEC 27006-1:2024)  
doa: 2024-06-30      dop: 2024-09-30  
dow: 2024-09-30

**43.120      Vehicule rutiere electrice**

**EN IEC 63281-2-1:2024**

E-Transporters - Part 2-1: Safety

requirements and test methods for personal  
e-Transporters  
doa: 2024-06-14      dop: 2024-12-14  
dow: 2027-03-14

**91.120      Protecția exterioară și  
interioară a clădirilor**

**91.120.40      Protecția împotriva  
trăsnetelor**

**EN IEC 62561-7:2024**

Lightning protection system components  
(LPSC) - Part 7: Requirements for earthing  
enhancing compounds  
doa: 2024-06-28      dop: 2024-12-28  
dow: 2027-03-28



În perioada **2024.03.01 – 2024.03.31**

**GR THz 002 V1.1.1:2024**

Comitet Tehnic ETSI: THz  
TeraHertz technology (THz); Identification of frequency bands of interest for THz communication systems

**GS F5G 015 V1.2.1:2024**

Comitet Tehnic ETSI: F5G  
Fifth Generation Fixed Network (F5G); F5G Residential Services Quality Evaluation and Classification Release 2

**GS CIM 006 V1.3.1:2024**

Comitet Tehnic ETSI: CIM  
Context Information Management (CIM);  
NGSI-LD Information Model

**GR NFV 007 V4.5.1:2024**

Comitet Tehnic ETSI: NFV  
Network Functions Virtualisation (NFV)  
Release 4; Release Description; Release 4 Edition 4.5.1

**GS CIM 009 V1.8.1:2024**

Comitet Tehnic ETSI: CIM  
Context Information Management (CIM);  
NGSI-LD API

**GS ZSM 014 V1.1.1:2024**

Comitet Tehnic ETSI: ZSM  
Zero-touch network and Service Management (ZSM); ZSM security aspects

**GS MEC 016 V3.1.1:2024**

Comitet Tehnic ETSI: MEC  
Multi-access Edge Computing (MEC); Device application interface

**GS PDL 022 V1.1.1:2024**

Comitet Tehnic ETSI: PDL  
Permissioned Distributed Ledgers (PDL);  
PDL in Wholesale Supply Chain Management

**GS ENI 030 V4.1.1:2024**

Comitet Tehnic ETSI: ENI  
Experiential Networked Intelligence (ENI);  
Transformer Architecture for Policy Translation

**GS MEC 040 V3.2.1:2024**

Comitet Tehnic ETSI: MEC

Multi-access Edge Computing (MEC);  
Federation enablement APIs

**GR MEC 041 V3.1.1:2024**

Comitet Tehnic ETSI: MEC  
Multi-access Edge Computing (MEC); Study on MEC Security

**GS MEC 045 V3.1.1:2024**

Comitet Tehnic ETSI: MEC  
Multi-access Edge Computing (MEC); QoS Measurement API

**TS 102 232-5 V3.20.1:2024**

Comitet Tehnic ETSI: LI  
Lawful Interception (LI); Handover Interface and Service-Specific Details (SSD) for IP delivery; Part 5: Service-specific details for IP Multimedia services

**TS 102 657 V2.3.1:2024**

Comitet Tehnic ETSI: LI  
Lawful Interception (LI); Retained data handling; Handover interface for the request and delivery of retained data

**TS 102 694-2 V10.5.0:2024**

Comitet Tehnic ETSI: SET TEST  
Smart Cards; Test specification for the Single Wire Protocol (SWP) interface; Part 2: UICC features (Release 10)

**TS 102 694-2 V11.1.0:2024**

Comitet Tehnic ETSI: SET TEST  
Smart Cards; Test specification for the Single Wire Protocol (SWP) interface; Part 2: UICC features (Release 11)

**TS 102 694-2 V12.1.0:2024**

Comitet Tehnic ETSI: SET TEST  
Smart Cards; Test specification for the Single Wire Protocol (SWP) interface; Part 2: UICC features (Release 12)

**TS 103 248 V2.3.1:2024**

Comitet Tehnic ETSI: ITS WG3  
Intelligent Transport Systems (ITS);  
GeoNetworking; Port Numbers for the Basic Transport Protocol (BTP); Release 2

**TS 103 486 V1.1.1:2024**

Comitet Tehnic ETSI: CYBER

CYBER; Identity Management and Discovery for IoT

**TS 103 601 V2.1.1:2024**

Comitet Tehnic ETSI: ITS WG5  
Intelligent Transport Systems (ITS); Security; Security management messages communication requirements and distribution protocols; Release 2

**TS 103 606 V1.2.1:2024**

Comitet Tehnic ETSI: BROADCAST  
Hybrid Broadcast Broadband Television; Operator Applications

**TS 103 624 V1.3.1:2024**

Comitet Tehnic ETSI: STQ  
Characterization Methodology and Requirement Specifications for the ETSI LC3plus speech codec

**TS 103 636-1 V1.5.1:2024**

Comitet Tehnic ETSI: DECT  
DECT-2020 New Radio (NR); Part 1: Overview; Release 1

**TS 103 636-2 V1.5.1:2024**

Comitet Tehnic ETSI: DECT  
DECT-2020 New Radio (NR); Part 2: Radio reception and transmission requirements; Release 1

**TS 103 636-3 V1.5.1:2024**

Comitet Tehnic ETSI: DECT  
DECT-2020 New Radio (NR); Part 3: Physical layer; Release 1

**TS 103 636-4 V1.5.1:2024**

Comitet Tehnic ETSI: DECT  
DECT-2020 New Radio (NR); Part 4: MAC layer; Release 1

**TS 103 636-5 V1.5.1:2024**

Comitet Tehnic ETSI: DECT  
DECT-2020 New Radio (NR); Part 5: DLC and Convergence layers; Release 1

**TS 103 795-1 V1.1.1:2024**

Comitet Tehnic ETSI: INT  
Core Network and Interoperability Testing (INT); Network Interoperability Test Description for emergency services over VoLTE (3GPP, Release 15); Part 1: Test Purposes

**TS 103 795-2 V1.1.1:2024**

Comitet Tehnic ETSI: INT  
Core Network and Interoperability Testing

(INT); Network Interoperability Test Description for emergency services over VoLTE (3GPP, Release 15); Part 2: Test Descriptions

**TS 103 795-3 V1.1.1:2024**

Comitet Tehnic ETSI: INT  
Core Network and Interoperability Testing (INT); Network Interoperability Test Description for emergency services over VoLTE (3GPP, Release 15); Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) pro forma specification

**TS 103 828 V1.1.1:2024**

Comitet Tehnic ETSI: SmartM2M  
SmartM2M; SAREF: Ontology Support for Urban Digital Twins and usage guidelines

**TR 103 990 V1.1.1:2024**

Comitet Tehnic ETSI: CYBER  
Cyber Security (CYBER); Standards mapping and gap analysis against regulatory expectations

**TS 103 994-1 V1.1.1:2024**

Comitet Tehnic ETSI: CYBER  
Cyber Security (CYBER); Privileged Access Workstations; Part 1: Physical Device

**TS 136 133 V15.21.1:2024**

Comitet Tehnic ETSI: 3GPP RAN  
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 15.21.1 Release 15)

**TS 136 133 V17.12.1:2024**

Comitet Tehnic ETSI: 3GPP RAN  
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 17.12.1 Release 17)

**ES 203 682 V1.2.1:2024**

Comitet Tehnic ETSI: EE EEPS  
Environmental Engineering (EE); Green Abstraction Layer (GAL); Power management capabilities of the future energy telecommunication fixed network nodes; Enhanced Interface for power management in Network Functions Virtualisation (NFV) environments

**EN 300 338-6 V1.3.1:2024**

Comitet Tehnic ETSI: ERM TGMARINE  
Technical characteristics and methods of



measurement for equipment for generation,  
transmission and reception of Digital  
Selective Calling (DSC) in the maritime MF,

MF/HF and/or VHF mobile service; Part 6:  
Class M DSC


**PROIECTE DE STANDARDE / DOCUMENTE DE STANDARDIZARE EUROPENE  
CEN SUPUSE ANCHETEI PUBLICE**
În perioada **2024.03.01 – 2024.03.31**

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](mailto: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 4937**

Steel and iron - Determination of chromium content - Potentiometric or visual titration method (ISO/DIS 4937:2024)  
dea: 2024-05-27

**prEN ISO 16757-5**

Data structures for electronic product catalogues for building services - Part 5: Product catalogue exchange format (ISO/DIS 16757-5:2024)  
dea: 2024-06-13

**prEN ISO 17573-3**

Electronic fee collection - System architecture for vehicle-related tolling - Part 3: Data dictionary (ISO/DIS 17573-3:2024)  
dea: 2024-05-31

**FprCEN/TR 18085**

Postal services – Safe, secured and contactless delivery of postal items  
dea: 2024-06-20

**prEN ISO 21028-1**

Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 1: Temperatures below -80 degrees C (ISO/DIS 21028-1:2024)  
dea: 2024-06-17

**01.040          Vocabulare****01.040.13      Mediu. Protecția sănătății. Securitate. (Vocabulare)****prEN 14383-1**

Crime prevention through building design, urban planning and city maintenance - Part 1: Vocabulary  
dea: 2024-06-13

**01.040.91      Construcții și materiale de construcții. (Vocabulare)****prEN 14383-1**

Crime prevention through building design,  
32

urban planning and city maintenance - Part 1: Vocabulary  
dea: 2024-06-13

**03.100          Organizarea și managementul întreprinderii. Sisteme de management****03.100.10      Aprovizionare. Achiziții. Managementul stocurilor****prEN 9276**

Aerospace series - Programme management - Recommendations for the implementation of the integrated logistic support  
dea: 2024-05-30

**11.040          Echipament medical****11.040.01      Echipament medical în general****prEN ISO 11197**

Medical supply units (ISO/DIS 11197:2024)  
dea: 2024-06-18

**11.040.10      Echipament pentru anestezie, respirație și reanimare****prEN ISO 18777-1**

Transportable liquid oxygen systems for medical use - Part 1: Common requirements and particular requirements for base units (ISO/DIS 18777-1:2024)  
dea: 2024-05-28

**prEN ISO 18777-2**

Transportable liquid oxygen systems for medical use - Part 2: Portable units (ISO/DIS 18777-2:2024)  
dea: 2024-05-28

**11.060          Stomatologie****11.060.10      Materiale dentare**

**prEN ISO 6877**

Dentistry - Endodontic obturating materials (ISO/DIS 6877:2024)  
dea: 2024-06-13

**prEN ISO 7405**

Dentistry - Evaluation of biocompatibility of medical devices used in dentistry (ISO/DIS 7405:2024)  
dea: 2024-06-10

**11.100 Medicină de laborator****11.100.20 Evaluarea biologică a dispozitivelor medicale****EN ISO 10993-4:2017/prA1**

Biological evaluation of medical devices - Part 4: Selection of tests for interactions with blood - Amendment 1 (ISO 10993-4:2017/DAMd 1:2024)  
dea: 2024-05-30

**11.100.99 Alte standarde referitoare la medicina de laborator****prEN ISO 7405**

Dentistry - Evaluation of biocompatibility of medical devices used in dentistry (ISO/DIS 7405:2024)  
dea: 2024-06-10

**11.180 Ajutoare pentru invalizi sau persoane cu handicap****11.180.10 Mijloace ajutoare pentru mers****EN ISO 11199-2:2021/prA1**

Assistive products for walking manipulated by both arms - Requirements and test methods - Part 2: Rollators - Amendment 1: Eliminate brake requirements in 6.5 Structure requirements (ISO 11199 2:2021/DAM 1:2024)  
dea: 2024-06-07

**13.020 Protecția mediului****13.020.40 Poluare, controlul poluării și protecția mediului****EN 15522-2:2023/prA1**

Oil spill identification - Petroleum and petroleum related products - Part 2: Analytical method and interpretation of results based on GC-FID and GC-low

resolution-MS analyses

dea: 2024-06-13

**13.030 Deșeuri****13.030.50 Reciclarea deșeurilor****prEN 15347-2**

Plastics - Sorted plastics wastes - Part 2: Quality grades of sorted Polyethylene (PE) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-3**

Plastics - Sorted plastics wastes - Part 3: Quality grades of sorted Polypropylene (PP) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-4**

Plastics - Sorted plastics wastes - Part 4: Quality grades of sorted poly(ethylene terephthalate) (PET) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-5**

Plastics - Sorted plastics wastes - Part 5: Quality grades of sorted poly(vinyl chloride) (PVC) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-6**

Plastics - Sorted plastics wastes - Part 6: Quality grades of sorted polystyrene (PS) wastes and specific test methods  
dea: 2024-06-20

**prEN 18065**

Plastics - Recycled plastics - Classification of recycled plastics based on Data Quality Levels for use and (digital) trading  
dea: 2024-05-30

**prEN 18067**

Plastics - Recycled plastics - Characterization of Acrylonitrile-Butadiene-Styrene (ABS) recyclates  
dea: 2024-05-30

**13.040 Calitatea aerului****13.040.01 Calitatea aerului în general****prEN ISO 20044**

Measurement of radioactivity in the environment - Air: aerosol particles - Test method using sampling by filter media (ISO

20044:2022)  
dea: 2024-06-06

**13.080 Calitatea solului. Pedologie**

**13.080.01 Calitatea solului și  
pedologie în general**

**prEN ISO 18589-2**

Measurement of radioactivity in the environment - Soil - Part 2: Guidance for the selection of the sampling strategy, sampling and pre-treatment of samples (ISO 18589-2:2022)  
dea: 2024-06-06

**13.220 Protecția contra incendiilor**

**13.220.40 Comportamentul la foc și  
inflamabilitatea materialelor și  
produselor**

**prEN ISO 9239-1**

Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source (ISO/DIS 9239-1:2024)  
dea: 2024-06-19

**13.220.50 Rezistența la foc a  
materialelor și a elementelor de  
construcții**

**prEN 1994-1-2**

Eurocode 4 - Design of composite steel and concrete structures - Part 1-2: Structural fire design  
dea: 2024-07-04

**prEN 14135**

Covering - Determination of fire protection ability  
dea: 2024-05-30

**13.280 Protecția contra radiațiilor**

**prEN ISO 9271**

Decontamination of radioactively contaminated surfaces - Testing of decontamination agents for textiles (ISO 9271:2023)  
dea: 2024-06-06

**prEN ISO 23588**

Radiological protection - General requirements for proficiency tests for in vivo radiobioassay (ISO 23588:2023)  
dea: 2024-06-06

**13.310 Protecția împotriva crimei**

**prEN 14383-1**

Crime prevention through building design, urban planning and city maintenance - Part 1: Vocabulary  
dea: 2024-06-13

**17.240 Măsurări de radiații**

**prEN ISO 8529-3**

Neutron reference radiation fields - Part 3: Calibration of area and personal dosimeters and determination of their response as a function of neutron energy and angle of incidence (ISO 8529-3:2023, including corrected version 2023-09)  
dea: 2024-06-06

**prEN ISO 18589-2**

Measurement of radioactivity in the environment - Soil - Part 2: Guidance for the selection of the sampling strategy, sampling and pre-treatment of samples (ISO 18589-2:2022)  
dea: 2024-06-06

**prEN ISO 20044**

Measurement of radioactivity in the environment - Air: aerosol particles - Test method using sampling by filter media (ISO 20044:2022)  
dea: 2024-06-06

**prEN ISO 20045**

Measurement of the radioactivity in the environment - Air: tritium - Test method using bubbler sampling (ISO 20045:2023)  
dea: 2024-06-06

**19.100 Încercări nedistructive**

**prEN ISO 19675**

Non-destructive testing - Ultrasonic testing - Specification for a calibration block for phased array testing (PAUT) (ISO 19675:2017)  
dea: 2024-06-13

**23.020 Mijloace pentru stocarea  
fluidelor**

**23.020.10 Rezervoare și bazine fixe**

**prEN 1993-4-2**

Eurocode 3 - Design of steel structures - Part 4-2: Tanks  
dea: 2024-07-04

- 23.040 Conducte și accesorii**
- 23.040.20 Țevi din materiale plastice**
- prEN 16903**  
Plastic piping systems buried outside the building structure - Environmental product declarations - Product Category rules complementary to EN 15804  
dea: 2024-06-20
- prEN 16904**  
Plastics piping systems inside the building structure - Environmental product declarations - Product category rules complementary to EN 15804  
dea: 2024-06-20
- 23.040.45 Racorduri din materiale plastice**
- prEN 16903**  
Plastic piping systems buried outside the building structure - Environmental product declarations - Product Category rules complementary to EN 15804  
dea: 2024-06-20
- prEN 16904**  
Plastics piping systems inside the building structure - Environmental product declarations - Product category rules complementary to EN 15804  
dea: 2024-06-20
- 23.060 Robinetărie**
- 23.060.01 Robinetărie în general**
- prEN 1705**  
Plastics piping systems - Thermoplastics valves - Test method for the integrity of a valve after an external blow  
dea: 2024-05-30
- 25.030 Fabricația aditivă**
- prEN ISO/ASTM 52940**  
Additive manufacturing of ceramics - Feedstock materials - Characterization of ceramic slurry in vat photopolymerization (ISO/ASTM DIS 52940:2024)  
dea: 2024-06-03
- 27.040 Turbine cu gaz și cu abur. Mașini cu abur**

- FprCEN/TR 12952-17**  
Water-tube boilers and auxiliary installations - Part 17: Guideline for the involvement of an inspection body independent of the manufacturer  
dea: 2024-06-20
- 29.220 Acumulatori și elemente galvanice**
- 29.220.20 Acumulatori și baterii acide**
- prEN 18060**  
Road vehicles - Rechargeable batteries with internal energy storage - Performance of alkali-Ion (Li-Ion, Na-Ion), Pb, NiMH and combined chemistries EV modules and batteries  
dea: 2024-06-13
- 33.070 Servicii mobile**
- 33.070.40 Sateliți**
- prEN 16605**  
Space - Galileo Timing Receiver - Functional and Performance Requirements and associated Tests  
dea: 2024-05-30
- 35.240 Aplicații privind tehnologia informației**
- 35.240.63 Aplicații IT în comerț**
- prEN 17015-2**  
Electronic Public Procurement - Catalogue - Part 2: Transactions  
dea: 2024-06-06
- prEN 18065**  
Plastics - Recycled plastics - Classification of recycled plastics based on Data Quality Levels for use and (digital) trading  
dea: 2024-05-30
- 35.240.67 Aplicații IT în clădiri și industria de construcții**
- FprCEN/TR 18077**  
Building information modelling - Digital twins applied to the built environment - Use cases  
dea: 2024-06-13
- FprCEN/TR 18081**  
Building automation, controls and building management - Smart Building - Description

and Aspects  
dea: 2024-05-30

**35.240.80 Aplicații IT în medicină**

**prEN ISO 11073-10421**

Health informatics - Device interoperability - Part 10421: Personal Health Device Communication - Device Specialization- Peak expiratory flow monitor (peak flow) (ISO/IEEE FDIS 11073-10421:2024)  
dea: 2024-08-02

**43.120 Vehicule rutiere electrice**

**prEN ISO 15118-21**

Road vehicles - Vehicle to grid communication interface - Part 21: Common 2nd generation network layer and application layer requirements conformance test plan (ISO/DIS 15118-21:2024)  
dea: 2024-06-17

**prEN 18060**

Road vehicles - Rechargeable batteries with internal energy storage - Performance of alkali-Ion (Li-Ion, Na-Ion), Pb, NiMH and combined chemistries EV modules and batteries  
dea: 2024-06-13

**prEN 18061**

Road vehicles -- Electrically propelled vehicles -- Steps, conditions and protocols for the safe repair and re-use of modules and batteries originally designed for EV applications  
dea: 2024-06-13

**43.180 Dispozitive de diagnosticare, mentenanță și echipament de încercare**

**prEN 1493**

Vehicle lifts  
dea: 2024-06-06

**45.040 Materiale și componente pentru căi ferate**

**EN 16839:2022/prA1**

Railway applications - Rolling stock - Head stock layout  
dea: 2024-06-20

**49.020 Aeronave și vehicule spațiale în general**

**prEN 9276**

Aerospace series - Programme management - Recommendations for the implementation of the integrated logistic support  
dea: 2024-05-30

**49.025 Materiale pentru aeronautică**

**49.025.05 Feroaliaje în general**

**prEN 3639**

Aerospace series - Heat-resisting alloy X6NiCrTiMoV26-15 (1.4980) - Softened and cold worked - Wires for forged fasteners - D = 15 mm - 900 MPa = Rm = 1 100 MPa  
dea: 2024-06-13

**49.025.10 Oțeluri**

**prEN 4700-001**

Aerospace series - Steel and heat-resisting alloys - Wrought products - Technical specification - Part 001: Plates, sheets and strips  
dea: 2024-06-06

**prEN 4700-002**

Aerospace series - Steel and heat-resisting alloys - Wrought products - Technical specification - Part 002: Bars and sections  
dea: 2024-06-06

**prEN 4700-003**

Aerospace series - Steel and heat-resisting alloys - Wrought products - Technical specification - Part 003: Tubes  
dea: 2024-06-06

**prEN 4700-004**

Aerospace series - Steel and heat-resisting alloys - Wrought products - Technical specification - Part 004: Wires  
dea: 2024-06-06

**prEN 4700-005**

Aerospace series - Steel and heat-resisting alloys - Wrought products - Technical specification - Part 005: Forging stocks  
dea: 2024-06-06

**prEN 4700-006**

Aerospace series - Steel and heat-resisting alloys - Wrought products - Technical specification - Part 006: Pre-production and production forgings  
dea: 2024-06-06

**prEN 4700-007**

Aerospace series - Steel and heat-resisting alloys - Wrought products - Technical specification - Part 007: Remelting stocks  
dea: 2024-06-06

**49.060 Echipament electric****prEN 3646-001**

Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 001: Technical specification  
dea: 2024-05-30

**prEN 3646-004**

Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C continuous - Part 004: Receptacle, jam-nut mounting - Product standard  
dea: 2024-06-13

**prEN 3646-006**

Aerospace series - Connectors, electrical, circular, bayonet coupling, operating temperature 175 °C or 200 °C continuous - Part 006: Receptacle, hermetic, jam-nut mounting - Product standard  
dea: 2024-05-30

**prEN 4533-001**

Aerospace series - Fibre optic systems - Handbook - Part 001: Termination methods and tools  
dea: 2024-06-13

**prEN 4533-002**

Aerospace series - Fibre optic systems - Handbook - Part 002: Test and measurement  
dea: 2024-06-13

**prEN 4533-003**

Aerospace series - Fibre optic systems - Handbook - Part 003: Looming and installation practices  
dea: 2024-06-13

**prEN 4604-010**

Aerospace series - Cable, electrical, for signal transmission - Part 010 : Cable, coaxial, light weight, 50 ohms, 200 °C, type KX (light WD) - Product standard  
dea: 2024-05-30

**prEN 4641-001**

Aerospace series - Cables, optical - Part 001:

Technical specification

dea: 2024-05-30

**49.140 Sisteme spațiale, dezvoltare și operare****prEN 16605**

Space - Galileo Timing Receiver - Functional and Performance Requirements and associated Tests  
dea: 2024-05-30

**53.020 Instalații de ridicat****53.020.20 Macarale****prEN 1991-3**

Eurocode 1 - Actions on structures - Part 3: Actions induced by cranes and machines  
dea: 2024-07-04

**prEN 1993-6**

Eurocode 3 - Design of steel structures - Part 6: Crane supporting structures  
dea: 2024-07-04

**53.020.99 Alte instalații de ridicat****prEN 1493**

Vehicle lifts  
dea: 2024-06-06

**59.140 Industria pielăriei****59.140.30 Piele și blănuri****prEN ISO 23649**

Chemicals for the leather tanning industry - Determination of cyclosiloxanes in waterproofing fatliquors (ISO/DIS 23649:2024)  
dea: 2024-06-04

**65.040 Clădiri, structuri și instalații agricole****65.040.20 Clădiri și instalații pentru prelucrarea și înmagazinarea produselor agricole****prEN 1993-4-1**

Eurocode 3 - Design of steel structures - Part 4-1: Silos  
dea: 2024-07-04

**67.200 Uleiuri și grăsimi vegetale. Seminte oleaginoase**

**67.200.10 Uleiuri și grăsimi vegetale și animale**

**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/FDIS 18363-3:2024)  
dea: 2024-06-04

**71.100 Produse din industria chimică**

**71.100.80 Produse chimice pentru purificarea apei**

**prEN 1018**

Chemicals used for treatment of water intended for human consumption - Calcium carbonate  
dea: 2024-06-13

**73.120 Echipamente pentru prelucrarea minereurilor**

**prEN 1009-6**

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 6: Specific requirements for mobile machinery  
dea: 2024-06-06

**75.080 Produse petroliere în general**

**EN 15522-2:2023/prA1**

Oil spill identification - Petroleum and petroleum related products - Part 2: Analytical method and interpretation of results based on GC-FID and GC-low resolution-MS analyses  
dea: 2024-06-13

**75.140 Ceară de petrol, materiale bituminoase și alte produse petroliere**

**prEN 1427**

Bitumens and bituminous binders - Determination of the softening point - Ring and Ball method  
dea: 2024-05-30

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

**prEN ISO 12747**

Oil and gas industries including lower carbon energy - Pipeline transportation systems - Recommended practice for pipeline life extension (ISO/DIS 12747:2024)  
dea: 2024-06-07

**77.060 Coroziunea metalelor**

**EN ISO 8407:2021/prA1**

Corrosion of metals and alloys - Removal of corrosion products from corrosion test specimens - Amendment 1 (ISO 8407:2021/DAM 1:2024)  
dea: 2024-05-27

**77.140 Produse din oțel și fontă**

**77.140.70 Profile din oțel**

**prEN 10379**

Steel sheet piles - Test methods  
dea: 2024-05-30

**79.040 Lemn, gatere și lemn rotund**

**prEN 18070**

Performance of wood adhesives at high temperatures and fire. Test methods, evaluation and classification.  
dea: 2024-06-13

**81.060 Ceramică**

**81.060.30 Ceramică de tehnică avansată**

**prEN ISO 19628**

Fine ceramics (advanced ceramics, advanced technical ceramics) - Thermophysical properties of ceramic composites - Determination of specific heat capacity (ISO/DIS 19628:2024)  
dea: 2024-06-20

**prEN ISO 22459**

Fine ceramics (advanced ceramics, advanced technical ceramics) - Reinforcement of ceramic composites - Determination of distribution of tensile strength and tensile strain to failure of filaments within a multifilament tow at ambient temperature (ISO/FDIS 22459:2024)  
dea: 2024-05-29



**81.100 Mașini și utilaje pentru industria sticlei și a ceramicii****prEN 13042-3**

Machines and plants for the manufacture, treatment and processing of hollow glass - Safety requirements - Part 3: IS machines  
dea: 2024-06-06

**83.080 Materiale plastice****83.080.01 Materiale plastice, în general****prEN 18065**

Plastics - Recycled plastics - Classification of recycled plastics based on Data Quality Levels for use and (digital) trading  
dea: 2024-05-30

**prEN 18067**

Plastics - Recycled plastics - Characterization of Acrylonitrile-Butadiene-Styrene (ABS) recyclates  
dea: 2024-05-30

**83.080.20 Materiale termoplastice****prEN 15347-2**

Plastics - Sorted plastics wastes - Part 2: Quality grades of sorted Polyethylene (PE) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-3**

Plastics - Sorted plastics wastes - Part 3: Quality grades of sorted Polypropylene (PP) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-4**

Plastics - Sorted plastics wastes - Part 4: Quality grades of sorted poly(ethylene terephthalate) (PET) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-5**

Plastics - Sorted plastics wastes - Part 5: Quality grades of sorted poly(vinyl chloride) (PVC) wastes and specific test methods  
dea: 2024-06-20

**prEN 15347-6**

Plastics - Sorted plastics wastes - Part 6: Quality grades of sorted polystyrene (PS) wastes and specific test methods  
dea: 2024-06-20

**83.140 Produse din cauciuc și materiale plastice****83.140.99 Alte produse din cauciuc și materiale plastice****prEN 18066**

Plastics - Design for recycling of PVC based profiles for construction products  
dea: 2024-05-30

**83.180 Adezivi****prEN 18070**

Performance of wood adhesives at high temperatures and fire. Test methods, evaluation and classification.  
dea: 2024-06-13

**prEN ISO 29862**

Self adhesive tapes - Determination of peel adhesion properties (ISO/DIS 29862:2024)  
dea: 2024-06-10

**87.040 Vopsele și emailuri****prEN ISO 7012-1**

Paints and varnishes - Determination of preservatives in water-dilutable coating materials - Part 1: Determination of in-can free formaldehyde (ISO/DIS 7012-1:2024)  
dea: 2024-06-06

**prEN ISO 7012-2**

Paints and varnishes - Determination of preservatives in water-dilutable coating materials - Part 2: Determination of in-can total formaldehyde (ISO/DIS 7012-2:2024)  
dea: 2024-06-06

**prEN ISO 7012-3**

Paints and varnishes - Determination of preservatives in water-dilutable coating materials - Part 3: Determination of in-can isothiazolinones with LC/UV and LC-MS-MS (ISO/DIS 7012-3:2024)  
dea: 2024-06-06

**91.010 Construcții civile în general****91.010.01 Construcții în general****prEN ISO 16757-4**

Data structures for electronic product catalogues for building services - Part 4: Dictionary structures for product catalogue (ISO/DIS 16757-4:2024)  
dea: 2024-06-12

**91.010.30 Aspecte tehnice referitoare la construcții**

**EN 1990:2023/prA1**

Eurocode - Basis of structural and geotechnical design - Part 1: New structures  
dea: 2024-07-04

**prEN 1990-2**

Eurocode - Basis of structural and geotechnical design - Part 2: Assessment of existing structures  
dea: 2024-07-04

**prEN 1991-1-4**

Eurocode 1 - Actions on structures - Part 1-4: Wind actions  
dea: 2024-07-04

**prEN 1991-1-6**

Eurocode 1 - Actions on structures - Part 1-6: Actions during execution  
dea: 2024-07-04

**prEN 1991-1-8**

Eurocode 1 - Actions on structures - Part 1-8: Actions from waves and currents on coastal structures  
dea: 2024-07-04

**prEN 1991-3**

Eurocode 1 - Actions on structures - Part 3: Actions induced by cranes and machines  
dea: 2024-07-04

**prEN 1991-4**

Eurocode 1 - Actions on structures - Part 4: Silos and tanks  
dea: 2024-07-04

**prEN 1993-1-11**

Eurocode 3 - Design of steel structures - Part 1-11: Tension components  
dea: 2024-07-04

**prEN 1993-2**

Eurocode 3 - Design of steel structures - Part 2: Bridges  
dea: 2024-07-04

**prEN 1993-3**

Eurocode 3 - Design of steel structures - Part 3: Towers, masts and chimneys  
dea: 2024-07-04

**prEN 1993-4-1**

Eurocode 3 - Design of steel structures - Part

4-1: Silos  
dea: 2024-07-04

**prEN 1993-4-2**

Eurocode 3 - Design of steel structures - Part 4-2: Tanks  
dea: 2024-07-04

**prEN 1993-6**

Eurocode 3 - Design of steel structures - Part 6: Crane supporting structures  
dea: 2024-07-04

**prEN 1994-1-1**

Eurocode 4 - Design of composite steel and concrete structures - Part 1-1: General rules and rules for buildings  
dea: 2024-07-04

**prEN 1994-1-2**

Eurocode 4 - Design of composite steel and concrete structures - Part 1-2: Structural fire design  
dea: 2024-07-04

**prEN 1994-2**

Eurocode 4 - Design of composite steel and concrete structures - Part 2: Bridges  
dea: 2024-07-04

**91.010.99 Alte aspecte**

**prEN 16903**

Plastic piping systems buried outside the building structure - Environmental product declarations - Product Category rules complementary to EN 15804  
dea: 2024-06-20

**prEN 16904**

Plastics piping systems inside the building structure - Environmental product declarations - Product category rules complementary to EN 15804  
dea: 2024-06-20

**91.020 Amenajarea teritoriului. Urbanism**

**prEN 14383-1**

Crime prevention through building design, urban planning and city maintenance - Part 1: Vocabulary  
dea: 2024-06-13

**91.040 Clădiri**

**91.040.01 Clădiri, în general**

**prEN 1991-4**

Eurocode 1 - Actions on structures - Part 4:  
Silos and tanks  
dea: 2024-07-04

**FprCEN/TR 18081**

Building automation, controls and building  
management - Smart Building - Description  
and Aspects  
dea: 2024-05-30

**91.060 Elemente ale construcțiilor**

**91.060.40 Coșuri, goluri pentru  
ascensoare, goluri de aerisire**

**prEN 1993-3**

Eurocode 3 - Design of steel structures - Part  
3: Towers, masts and chimneys  
dea: 2024-07-04

**91.060.50 Uși și ferestre**

**EN 14501:2021/prA1**

Blinds and shutters - Thermal and visual  
comfort - Performance characteristics and  
classification  
dea: 2024-06-13

**prEN 18066**

Plastics - Design for recycling of PVC based  
profiles for construction products  
dea: 2024-05-30

**91.080 Structuri de construcții**

**91.080.13 Structuri de oțel**

**prEN 1993-1-11**

Eurocode 3 - Design of steel structures - Part  
1-11: Tension components  
dea: 2024-07-04

**prEN 1993-2**

Eurocode 3 - Design of steel structures - Part  
2: Bridges  
dea: 2024-07-04

**prEN 1993-3**

Eurocode 3 - Design of steel structures - Part  
3: Towers, masts and chimneys  
dea: 2024-07-04

**prEN 1993-4-1**

Eurocode 3 - Design of steel structures - Part  
4-1: Silos  
dea: 2024-07-04

**prEN 1993-4-2**

Eurocode 3 - Design of steel structures - Part  
4-2: Tanks  
dea: 2024-07-04

**prEN 1993-6**

Eurocode 3 - Design of steel structures - Part  
6: Crane supporting structures  
dea: 2024-07-04

**prEN 1994-1-1**

Eurocode 4 - Design of composite steel and  
concrete structures - Part 1-1: General rules  
and rules for buildings  
dea: 2024-07-04

**prEN 1994-1-2**

Eurocode 4 - Design of composite steel and  
concrete structures - Part 1-2: Structural fire  
design  
dea: 2024-07-04

**prEN 1994-2**

Eurocode 4 - Design of composite steel and  
concrete structures - Part 2: Bridges  
dea: 2024-07-04

**91.080.40 Structuri de beton**

**prEN 1994-1-1**

Eurocode 4 - Design of composite steel and  
concrete structures - Part 1-1: General rules  
and rules for buildings  
dea: 2024-07-04

**prEN 1994-1-2**

Eurocode 4 - Design of composite steel and  
concrete structures - Part 1-2: Structural fire  
design  
dea: 2024-07-04

**prEN 1994-2**

Eurocode 4 - Design of composite steel and  
concrete structures - Part 2: Bridges  
dea: 2024-07-04

**91.100 Materiale de construcții**

**91.100.50 Lianți. Materiale pentru  
etanșare**

**prEN 1427**

Bitumens and bituminous binders -  
Determination of the softening point - Ring  
and Ball method  
dea: 2024-05-30

**91.120 Protecția exterioară și interioară a clădirilor**

**91.120.10 Izolație termică**

**FprCEN/TS 16628**

Energy performance of buildings - Basic principles for the set of EPB standards  
dea: 2024-06-13

**FprCEN/TS 16629**

Energy Performance of Buildings - Detailed Technical Rules for the set of EPB-standards  
dea: 2024-06-13

**91.140 Instalații în clădiri**

**91.140.01 Instalații în clădiri în general**

**FprCEN/TS 16628**

Energy performance of buildings - Basic principles for the set of EPB standards  
dea: 2024-06-13

**FprCEN/TS 16629**

Energy Performance of Buildings - Detailed Technical Rules for the set of EPB-standards  
dea: 2024-06-13

**91.140.10 Sisteme de încălzire centrale**

**prEN 14336**

Heating and cooling systems in buildings - Installation and commissioning of water based heating and cooling systems  
dea: 2024-06-20

**91.140.30 Ventilație și climatizare**

**prEN 17671**

Heating systems and water-based cooling systems in buildings - Design for water-based cooling systems  
dea: 2024-06-13

**91.220 Mașini și utilaje pentru construcții**

**prEN 1009-6**

Machines for mechanical processing of minerals and similar solid materials - Safety - Part 6: Specific requirements for mobile machinery  
dea: 2024-06-06

**93.040 Construcții de poduri**

**prEN 1993-1-11**

Eurocode 3 - Design of steel structures - Part 1-11: Tension components  
dea: 2024-07-04

**prEN 1993-2**

Eurocode 3 - Design of steel structures - Part 2: Bridges  
dea: 2024-07-04

**prEN 1994-2**

Eurocode 4 - Design of composite steel and concrete structures - Part 2: Bridges  
dea: 2024-07-04

**97.120 Comenzi automate de uz casnic**

**FprCEN/TR 18081**

Building automation, controls and building management - Smart Building - Description and Aspects  
dea: 2024-05-30

**97.150 Acoperitoare de sol**

**prEN ISO 9239-1**

Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source (ISO/DIS 9239-1:2024)  
dea: 2024-06-19

**97.200 Echipamente pentru distracții**

**97.200.50 Jucării**

**EN 71-3:2019+A1:2021/prA2**

Safety of toys - Part 3: Migration of certain elements  
dea: 2024-06-06

**97.220 Echipamente și instalații sportive**

**97.220.10 Instalații sportive**

**EN 13451-3:2022/prA1**

Swimming pool equipment - Part 3: Additional specific safety requirements and test methods for inlets and outlets and water/air based water leisure features installed in pools for public use  
dea: 2024-06-13

**97.220.40 Echipamente pentru sporturi în aer liber și sporturi acvatice**

**prEN 18039**  
Mountaineering equipment - Autobelay  
devices for recreational use - Safety

requirements and test methods  
dea: 2024-06-13



În perioada **2024.03.01 – 2024.03.31**

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](mailto:asro@asro.ro). Proiectele pot fi obținute de la ASRO precizând indicativul și titlul standardului. 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 IEC 60068-3-14:2024**

Environmental testing - Part 3-14: Supporting documentation and guidance - Developing a climatic sequential test  
dea: 2024-05-24

**prEN IEC 62541-15:2024**

OPC Unified Architecture - Part 15: Safety  
dea: 2024-06-14

**prEN IEC 62841-2-24:2024**

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-24: Particular requirements for hand-held oscillating multifunction tools  
dea: 2024-05-24

**prEN IEC 63341-1:2024**

Railway applications - Rolling stock - Fuel cell systems for propulsion - Part 1: Fuel cell system  
dea: 2024-05-31

**prEN IEC 63341-2:2024**

Railway applications - Hydrogen and fuel cell systems for rolling stock - Part 2: Hydrogen fuel system  
dea: 2024-05-31

**prEN IEC 63341-3:2024**

Railway applications - Fuel cell systems for rolling stock - Part 3: Performance test methods for fuel cell power systems  
dea: 2024-05-31

**prEN IEC 63409-3:2024**

Photovoltaic power generating systems connection with grid - Testing of power conversion equipment - Part 3: Basic operations  
dea: 2024-06-21

**03.100 Organizarea și  
managementul întreprinderii.  
Sisteme de management**

**03.100.70 Sisteme de management**

**prEN IEC 63402-1:2024**

Energy efficiency systems - Smart grid - Application specification - Interface and framework for customer; interface between the CEM and home/building resource manager - General requirements and architecture  
dea: 2024-06-21

**11.040 Echipament medical**

**11.040.50 Echipament radiologic**

**prEN IEC 63322:2024**

Security of medical electrical equipment containing high-activity sealed radioactive sources  
dea: 2024-05-31

**11.140 Echipament pentru spitale**

**prEN IEC 80601-2-52:2024**

Medical electrical equipment - Part 2-52: Particular requirements for the basic safety and essential performance of medical beds  
dea: 2024-05-24

**prEN IEC 80601-2-89:2024**

Medical electrical equipment - Part 2-89: Particular requirements for the basic safety and essential performance of medical beds for children  
dea: 2024-05-24

**13.020 Protecția mediului**

**13.020.30 Studii de impact asupra  
mediului**

**prEN IEC 62933-5-2:2024**

Electrical energy storage (EES) systems - Part 5-2: Safety requirements for grid-integrated EES systems - Electrochemical-

based systems  
dea: 2024-06-07

### **17.020 Metrologie și măsurări în general**

#### **prEN IEC 62828-1:2024**

Reference conditions and procedures for testing industrial and process measurement transmitters - Part 1: General procedures for all types of transmitters  
dea: 2024-05-31

### **17.100 Mijloace de măsurare a forței, greutății și presiunii**

#### **prEN IEC 62828-2:2024**

Reference conditions and procedures for testing industrial and process measurement transmitters - Part 2: Specific procedures for pressure transmitters  
dea: 2024-05-31

### **17.140 Acustică și măsurări acustice**

#### **17.140.20 Zgomot emis de mașini și echipamente**

#### **EN 60704-2-6:2012/prAB:2024**

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-6: Particular requirements for tumble dryers  
dea: 2024-05-31

### **19.080 Încercări electrice și electronice**

#### **FprEN IEC 61442:2023/prAA:2024**

Test methods for accessories for power cables with rated voltages from 6 kV ( $U_m = 7,2$  kV) up to 36 kV ( $U_m = 42$  kV)  
dea: 2024-06-21

### **23.120 Ventilatoare. Exhaustoare. Aparate de condiționat aerul**

#### **EN 60879:2019/prA1:2024**

Amendment 1 - Comfort fans and regulators for household and similar purposes - Methods for measuring performance  
dea: 2024-06-21

### **25.040 Sisteme de automatizare industrială**

### **25.040.40 Măsurarea și controlul proceselor industriale**

#### **prEN IEC 62828-1:2024**

Reference conditions and procedures for testing industrial and process measurement transmitters - Part 1: General procedures for all types of transmitters  
dea: 2024-05-31

#### **prEN IEC 62828-2:2024**

Reference conditions and procedures for testing industrial and process measurement transmitters - Part 2: Specific procedures for pressure transmitters  
dea: 2024-05-31

### **27.015 Eficiență energetică. Economii de energie în general**

#### **prEN IEC 63402-1:2024**

Energy efficiency systems - Smart grid - Application specification - Interface and framework for customer; interface between the CEM and home/building resource manager - General requirements and architecture  
dea: 2024-06-21

### **27.160 Energie solară**

#### **prEN IEC 62941:2024**

Terrestrial photovoltaic (PV) modules - Quality system for PV module manufacturing  
dea: 2024-05-24

### **29.020 Electrotehnică în general**

#### **prEN IEC 63402-1:2024**

Energy efficiency systems - Smart grid - Application specification - Interface and framework for customer; interface between the CEM and home/building resource manager - General requirements and architecture  
dea: 2024-06-21

### **29.060 Conductoare și cabluri electrice**

#### **29.060.10 Conductoare**

#### **EN IEC 60317-27-1:2020/prA1:2024**

Amendment 1 - Specifications for particular types of winding wires - Part 27-1: Paper tape covered round copper wire  
dea: 2024-05-31

**29.060.20 Cabluri**

**FprEN IEC 61442:2023/prAA:2024**

Test methods for accessories for power cables with rated voltages from 6 kV ( $U_m = 7,2$  kV) up to 36 kV ( $U_m = 42$  kV)  
dea: 2024-06-21

**29.120 Accesorii electrice**

**29.120.01 Accesorii electrice în general**

**prEN IEC 60730-2-14:2024**

Automatic electrical controls - Part 2-14: Particular requirements for electric actuators  
dea: 2024-05-31

**29.120.40 Întrepruptoare**

**EN IEC 60947-3:2021/prA1:2024**

Amendment 1 - Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units  
dea: 2024-06-21

**29.120.50 Siguranțe fuzibile și alte aparate de protecție la scurtcircuit**

**EN IEC 60691:2023/prA1:2024**

Amendment 1 - Thermal-links - Requirements and application guide  
dea: 2024-05-31

**29.120.70 Relee**

**prEN IEC 63522-37:2024**

Electrical relays - Tests and Measurements - Part 37: Terminal temperature rise at rated load  
dea: 2024-06-21

**29.130 Aparate de conectare și comandă**

**29.130.10 Aparate de conectare și comandă de înaltă tensiune**

**prEN IEC 62271-201:2024**

High-voltage switchgear and controlgear - Part 201: AC solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV  
dea: 2024-06-14

**29.130.20 Aparate de conectare și comandă de joasă tensiune**

**EN IEC 60947-3:2021/prA1:2024**

Amendment 1 - Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units  
dea: 2024-06-21

**29.220 Acumulatori și elemente galvanice**

**29.220.10 Baterii**

**prEN IEC 60086-4:2024**

Primary batteries - Part 4: Safety of lithium batteries  
dea: 2024-05-24

**29.220.20 Acumulatori și baterii acide**

**prEN 50342-5:2024**

Lead-acid starter batteries - Part 5: Mechanical properties of battery housings and handles  
dea: 2024-05-24

**prEN 50342-6:2024**

Lead-acid starter batteries - Part 6: Batteries for micro-cycle applications  
dea: 2024-05-24

**29.240 Rețele de transport și distribuție a energiei electrice**

**prEN IEC 63382-1:2024**

Management of distributed energy storage systems based on electrically chargeable vehicles (ECV-DESS) - Part 1: Definitions, requirements and use cases  
dea: 2024-06-07

**29.260 Echipament electric pentru condiții speciale**

**29.260.20 Aparate și echipamente electrice pentru medii explozive**

**prEN IEC 60079-19:2024**

Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation  
dea: 2024-06-14

**31.060 Condensatoare**

**31.060.10 Condensatoare fixe**

**prEN IEC 62391-2:2024**

Fixed electric double-layer capacitors for use



in electronic equipment - Part 2: Sectional specification - Electric double layer capacitors for power application  
dea: 2024-06-21

### **31.140 Dispozitive piezoelectrice**

#### **prEN IEC 62276:2024**

Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods  
dea: 2024-05-17

### **33.040 Sisteme de telecomunicații**

#### **33.040.20 Sisteme de transmisie**

#### **prEN IEC 62037-1:2024**

Passive RF and microwave devices, intermodulation level measurement - Part 1: General requirements and measuring methods  
dea: 2024-05-31

#### **prEN IEC 62037-3:2024**

Passive RF and microwave devices, intermodulation level measurement - Part 3: Measurement of passive intermodulation in coaxial connectors  
dea: 2024-05-31

### **33.160 Tehnici audio, video și audiovizuale**

#### **33.160.01 Tehnici audio, video și audiovizuale în general**

#### **prEN IEC 62911:2024**

Audio, video and information technology equipment - Routine electrical safety testing in production  
dea: 2024-05-24

### **33.180 Comunicații prin fibră optică**

#### **33.180.10 Fibre optice și cabluri**

#### **prEN IEC 60794-1-110:2024**

Optical fibre cables - Part 1-110: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Kink, Method E10  
dea: 2024-06-21

#### **prEN IEC 60794-1-124:2024**

Optical fibre cables - Part 1-124: Generic specification - Basic optical cable test procedures - Mechanical tests methods -

Installation test for microduct cabling, Method E24  
dea: 2024-06-21

### **33.200 Telecomandă. Teleconducere**

#### **prEN IEC 63382-1:2024**

Management of distributed energy storage systems based on electrically chargeable vehicles (ECV-DESS) - Part 1: Definitions, requirements and use cases  
dea: 2024-06-07

### **35.020 Tehnologia informației (IT) în general**

#### **prEN IEC 62911:2024**

Audio, video and information technology equipment - Routine electrical safety testing in production  
dea: 2024-05-24

### **43.120 Vehicule rutiere electrice**

#### **prEN IEC 63382-1:2024**

Management of distributed energy storage systems based on electrically chargeable vehicles (ECV-DESS) - Part 1: Definitions, requirements and use cases  
dea: 2024-06-07

### **65.060 Mașini și echipamente agricole**

#### **65.060.70 Utilaje pentru horticultură**

#### **EN IEC 62841-4-3:2021/prA1:2024**

Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers  
dea: 2024-05-31

#### **EN IEC 62841-4-3:2021/prAB:2024**

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-3: Particular requirements for pedestrian controlled walk-behind lawnmowers  
dea: 2024-05-31

### **97.060 Echipamente de spălat**

#### **EN 60704-2-6:2012/prAB:2024**

Household and similar electrical appliances - Test code for the determination of airborne

acoustical noise - Part 2-6: Particular requirements for tumble dryers  
dea: 2024-05-31

**EN 61121:2013/prAB:2024**

Tumble dryers for household use - Methods for measuring the performance  
dea: 2024-05-31

**97.120 Comenzi automate de uz casnic**

**prEN IEC 60730-2-14:2024**

Automatic electrical controls - Part 2-14: Particular requirements for electric actuators  
dea: 2024-05-31

**prEN IEC 60730-2-6:2024**

Automatic electrical controls - Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements  
dea: 2024-06-07

**prEN IEC 60730-2-8:2024**

Automatic electrical controls - Part 2-8: Particular requirements for electrically operated water valves, including mechanical

requirements  
dea: 2024-06-07

**97.180 Echipamente menajere și comerciale diverse**

**EN IEC 60335-2-82:2022/prA1:2024**

Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines  
dea: 2024-06-21

**97.200 Echipamente pentru distracții**

**97.200.40 Suprafețe pentru joc**

**EN IEC 60335-2-82:2022/prA1:2024**

Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines  
dea: 2024-06-21

**PROIECTE DE STANDARDE / DOCUMENTE DE STANDARDIZARE  
EUROPENE ETSI SUPUSE ANCHETEI PUBLICE**

În perioada **2024.03.01 – 2024.03.31**

*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](mailto:asro@asro.ro). Proiectele pot fi obținute de la ASRO precizând indicativul și titlul standardului. 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.*

**EN 319 102-1 V1.4.0**

Comitet Tehnic ETSI: ESI  
Electronic Signatures and Trust  
Infrastructures (ESI); Procedures for Creation  
and Validation of AdES Digital Signatures;  
Part 1: Creation and Validation  
dea: 2024-06-17

**EN 319 401 V3.1.0**

Comitet Tehnic ETSI: ESI  
Electronic Signatures and Trust  
Infrastructures (ESI); General Policy  
Requirements for Trust Service Providers  
dea: 2024-05-30

# STANDARDIZAREA INTERNAȚIONALĂ

*Informațiile din această secțiune se referă la activitatea din cadrul Organizației Internaționale de Standardizare (ISO) și a Comisiei Electrotehnice Internaționale (IEC).*

*Pentru înțelegerea simbolurilor utilizate în această secțiune se fac precizările de mai jos:*

ISO	standard internațional ISO (de exemplu, ISO 9001)
IEC	standard internațional IEC (de exemplu, IEC 60050)
ISO/TS, IEC/TS	specificație tehnică ISO, IEC
ISO/TR, IEC/TR	raport tehnic ISO, IEC
ISO/PAS, IEC PAS	specificație disponibilă publicului ISO, IEC
IWA	acordul unui workshop ISO, IEC
ISO/DIS	proiect de standarde internațional ISO
dea	termenul limită de vot



**STANDARDE / DOCUMENTE DE STANDARDIZARE  
INTERNAȚIONALE ISO APROBATE**

În perioada **2024.03.01 – 2024.03.31**

**ISO/IEC JTC 1      TEHNOLOGIA  
INFORMAȚIEI**

**ISO/IEC 4922-2:2024**

Information security — Secure multiparty computation — Part 2: Mechanisms based on secret sharing

**ISO/IEC 5153-1:2024**

Information technology — City service platform for public health emergencies — Part 1: Overview and general requirements

**ISO/IEC 5392:2024**

Information technology — Artificial intelligence — Reference architecture of knowledge engineering

**ISO/IEC 15067-3-30:2024**

Information technology — Home Electronic System (HES) application model — Part 3-30: Energy management agent functional requirements and interfaces

**ISO/IEC 15067-3-31:2024**

Information technology — Home Electronic System (HES) application model — Part 3-31: Protocol of energy management agents for demand-response energy management and interactions among these agents

**ISO/IEC 17760-105:2024**

Information technology — AT Attachment — Part 105: ATA Command Set - 5 (ACS-5)

**ISO/IEC 19987:2024**

Information technology — EPC Information Services (EPCIS)

**ISO/IEC 19988:2024**

Information technology — GS1 Core Business Vocabulary (CBV)

**ISO/IEC 21031:2024**

Information technology — Software Carbon Intensity (SCI) specification

**ISO/IEC 23090-21:2024**

Information technology — Coded representation of immersive media — Part

21: Reference software for Geometry-based Point Cloud Compression (G-PCC)

**ISO/IEC 23092-2:2024**

Information technology — Genomic information representation — Part 2: Coding of genomic information

**ISO/IEC TS 24462:2024**

Information security, cybersecurity and privacy protection — Ontology building blocks for security and risk assessment

**ISO/IEC/IEEE 24748-1:2024**

Systems and software engineering — Life cycle management — Part 1: Guidelines for life cycle management

**ISO/IEC/IEEE 24748-2:2024**

Systems and software engineering — Life cycle management — Part 2: Guidelines for the application of ISO/IEC/IEEE 15288 (system life cycle processes)

**ISO/IEC 25002:2024**

Systems and software engineering — Systems and software Quality Requirements and Evaluation (SQuARE) — Quality model overview and usage

**ISO/IEC 27006-1:2024**

Information security, cybersecurity and privacy protection — Requirements for bodies providing audit and certification of information security management systems — Part 1: General

**ISO/IEC 27011:2024**

Information security, cybersecurity and privacy protection — Information security controls based on ISO/IEC 27002 for telecommunications organizations

**ISO/IEC 27561:2024**

Information security, cybersecurity and privacy protection — Privacy operationalisation model and method for engineering (POMME)

**ISO/IEC 30137-1:2024**

Information technology — Use of biometrics

in video surveillance systems — Part 1:  
System design and specification

**ISO/TC 5 ŢEVI DIN METALE FEROASE ŞI  
RACORDURI METALICE**

**ISO 16132:2024**

Ductile iron pipes and fittings — Seal coats  
for cement mortar linings

**ISO/TC 6 HÂRTIE, CARTON ŞI  
CELULOZĂ**

**ISO 2469:2024**

Paper, board and pulps — Measurement of  
diffuse radiance factor (diffuse reflectance  
factor)

**ISO/TC 8 NAVE ŞI TEHNOLOGIE  
MARITIMĂ**

**ISO 5411:2024**

Ships and marine technology —  
Submersibles — Vocabulary

**ISO 25862:2019/Amd 1:2024**

Ships and marine technology — Marine  
magnetic compasses, binnacles and azimuth  
reading devices — Amendment 1

**ISO/TC 10 DOCUMENTAŢIE TEHNICĂ  
DE PRODUS**

**ISO 4172:2024**

Technical product documentation (TPD) —  
Construction documentation — Drawings for  
the assembly of prefabricated structures

**ISO 7519:2024**

Technical product documentation (TPD) —  
Construction documentation — General  
principles of presentation for general  
arrangement and assembly drawings

**ISO/TC 17 OŢEL**

**ISO 4993:2024**

Steel and iron castings — Radiographic  
testing

**ISO/TC 20 AERONAUTICĂ ŞI SPAŢIU**

**ISO 8575:2024**

Aerospace series — Fluid systems —  
Hydraulic system tubing

**ISO 14953:2024**

Space systems — Structural design —  
52

Determination of loading levels for static  
qualification testing of launch vehicles

**ISO 16454:2024**

Space systems — Structural design — Stress  
analysis requirements

**ISO 17520:2024**

Space environment (natural and artificial) —  
Cosmic ray and solar energetic particle  
penetration inward the magnetosphere —  
Method of determination of the effective  
vertical cut-off rigidity

**ISO 32312-11:2024**

Aircraft ground support equipment — Specific  
requirements — Part 11: Container/Pallet  
dollies and loose load trailers

**ISO/TC 22 VEHICULE RUTIERE**

**ISO 11898-2:2024**

Road vehicles — Controller area network  
(CAN) — Part 2: High-speed physical  
medium attachment (PMA) sublayer

**ISO/TC 23 TRACTOARE ŞI MATERIALE  
AGRICOLE ŞI FORESTIERE**

**ISO 7448:2024**

Machinery for forestry — Machine-fed woody  
biomass reduction chippers, grinders, and  
shredders — Vocabulary

**ISO 21622-3:2024**

Irrigation techniques — Remote monitoring  
and control for irrigation — Part 3:  
Interoperability

**ISO 28139:2019/Amd 1:2024**

Equipment for crop protection — Knapsack  
combustion engine-driven airblast sprayers  
— Safety and environmental requirements  
and test methods — Amendment 1

**ISO/TC 24 SITE, CERNERE ŞI ALTE  
METODE DE SEPARARE  
GRANULOMETRICĂ**

**ISO 13100:2024**

Methods for zeta potential determination —  
Streaming potential and streaming current  
methods for porous materials

**ISO/TC 27 COMBUSTIBILI MINERALI  
SOLIZI**

**ISO 687:2024**

Coke — Determination of moisture in the general analysis test sample

**ISO/TC 28    PRODUSE PETROLIERE ȘI LUBRIFIANȚI****ISO 6996:2024**

Bunkering — Meter verification using master Coriolis mass flow meter

**ISO 12185:2024**

Crude petroleum, petroleum products and related products — Determination of density — Laboratory density meter with an oscillating U-tube sensor

**ISO/TC 29    SCULE MICI****ISO 21538:2024**

Blanks for superabrasive cutting-off wheels — Mounting and fixing bores — Building construction and civil engineering

**ISO/TC 31    ANVELOPE, JANTE ȘI VALVE****ISO 4000-1:2024**

Passenger car tyres and rims — Part 1: Tyres (metric series)

**ISO 24163-1:2024**

Clamp-in tyre valves for tyre pressure monitoring systems — Part 1: Definition, types, dimensions and valve interface

**ISO/TC 34    PRODUSE ALIMENTARE****ISO 22662:2024**

Milk and milk products — Determination of lactose content by high-performance liquid chromatography (reference method)

**ISO/TC 35    VOPSELE ȘI LACURI****ISO 4628-10:2024**

Paints and varnishes — Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 10: Assessment of degree of filiform corrosion

**ISO 16053-2:2024**

Paints and varnishes — Coating materials and coating systems for exterior wood — Part 2: Exposure of wood coatings to artificial weathering using fluorescent UV lamps and water

**ISO/TR 20659-1:2024**

Rheological test methods — Fundamentals and interlaboratory comparisons — Part 1: Determination of the yield point

**ISO/TR 20659-2:2024**

Rheological test methods — Fundamentals and interlaboratory comparisons — Part 2: Determination of the time-dependent structural change (thixotropy)

**ISO/TC 37    TERMINOLOGIE ȘI ALTE RESURSE LINGVISTICE****ISO 11669:2024**

Translation projects — General guidance

**ISO/TC 38    TEXTILE****ISO 105-B04:2024**

Textiles — Tests for colour fastness — Part B04: Colour fastness to artificial weathering: Xenon arc fading lamp test

**ISO 18692-5:2024**

Fibre ropes for offshore stationkeeping — Part 5: Aramid

**ISO/TC 42    FOTOGRAFIE****ISO/TS 20490:2024**

Measuring autofocus repeatability of sharpness and latency

**ISO/TC 43    ACUSTICĂ****ISO 7029:2017/Amd 1:2024**

Acoustics — Statistical distribution of hearing thresholds related to age and gender — Amendment 1: Correction of parameter values for estimating the hearing threshold distribution

**ISO/TC 44    SUDARE ȘI PROCEDEE CONEXE****ISO 15610:2024**

Specification and qualification of welding procedures for metallic materials — Qualification based on tested welding consumables

**ISO/TC 45    ELASTOMERI ȘI PRODUSE PE BAZĂ DE ELASTOMERI****ISO 1817:2024**

Rubber, vulcanized or thermoplastic — Determination of the effect of liquids

**ISO 3384-1:2024**

Rubber, vulcanized or thermoplastic — Determination of stress relaxation in compression — Part 1: Testing at constant temperature

**ISO 7681:2024**

Natural rubber field latex — Determination of dry rubber content

**ISO/TC 46    INFORMARE ȘI  
DOCUMENTARE**

**ISO 18128:2024**

Information and documentation — Records risks — Risk assessment for records management

**ISO/TC 52    RECIPIENTE METALICE  
UȘOARE**

**ISO 24021-2:2024**

Light gauge metal containers — Vocabulary and classification — Part 2: General cans

**ISO/TC 58    BUTELII PENTRU GAZ**

**ISO 22435:2024**

Gas cylinders — Cylinder valves with integrated pressure regulators — Specification and type testing

**ISO/TC 59    CONSTRUCȚII IMOBILIARE**

**ISO 16739-1:2024**

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

**ISO/TC 61    MATERIALE PLASTICE**

**ISO 8060:2024**

Composites and reinforcements fibres — Carbon fibre reinforced plastics (CFRPs) and metal assemblies — Characterization of durability of adhesive interfaces by wedge rupture test

**ISO 8605:2024**

Fibre-reinforced plastics — Sheet moulding compound (SMC) — Requirements and specifications

**ISO 22007-1:2024**

Plastics — Determination of thermal conductivity and thermal diffusivity — Part 1: General principles

**ISO/TS 23927:2024**

Laminates and moulding compounds — Prepregs — Determination of tack

**ISO 34256:2024**

Adhesives for non-structural wood applications — Test method and requirements for resistance to static load

**ISO 34257:2024**

Adhesives — Wood adhesives — Determination of tensile strength of lap joints at elevated temperature (WATT '91)

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

**ISO 13702:2024**

Oil and gas industries — Control and mitigation of fires and explosions on offshore production installations — Requirements and guidelines

**ISO/TC 71    BETON, BETON ARMAT ȘI  
BETON PRECOMPRIMAT**

**ISO 16311-2:2024**

Maintenance and repair of concrete structures — Part 2: Assessment of existing concrete structures

**ISO 16311-3:2024**

Maintenance and repair of concrete structures — Part 3: Design of repairs

**ISO 16311-4:2024**

Maintenance and repair of concrete structures — Part 4: Execution of repairs

**ISO/TC 76    APARATURĂ DE  
TRANSFUZIE, PERFUZIE,  
INIECȚIE, PENTRU UTILIZARE  
MEDICALĂ ȘI FARMACEUTICĂ**

**ISO 8362-2:2024**

Injection containers and accessories — Part 2: Closures for injection vials

**ISO/TC 85    ENERGIE NUCLEARĂ**

**ISO 4917-4:2024**

Design of nuclear power plants against seismic events — Part 4: Components

**ISO/TC 92    SECURITATE LA INCENDIU**



**ISO 6021:2024**

Firebrand generator

**ISO/TC 102 MINEREU DE FIER ȘI  
MINEREU DE FIER SARACIT**

**ISO 8371:2024**

Iron ores for blast furnace feedstocks —  
Determination of the decrepitation index

**ISO/TC 104 CONTAINERE**

**ISO/TS 7344:2024**

Short-range wireless sensor to device  
communication

**ISO/TC 106 STOMATOLOGIE**

**ISO 5365:2024**

Dentistry — Designation system for tooth  
developmental stages

**ISO/TC 113 HIDROMETRIE**

**ISO 19234:2024**

Hydrometry — Low cost baffles to aid fish  
passage on triangular profile gauging weirs

**ISO/TC 114 CEASORNICĂRIE**

**ISO 17514:2024**

Time-measuring instruments —  
Photoluminescent deposits — Test methods  
and requirements

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

**ISO 16571:2024**

Systems for evacuation of plume generated  
by medical devices

**ISO 18562-1:2024**

Biocompatibility evaluation of breathing gas  
pathways in healthcare applications — Part  
1: Evaluation and testing within a risk  
management process

**ISO 18562-2:2024**

Biocompatibility evaluation of breathing gas  
pathways in healthcare applications — Part  
2: Tests for emissions of particulate matter

**ISO 18562-3:2024**

Biocompatibility evaluation of breathing gas  
pathways in healthcare applications — Part  
3: Tests for emissions of volatile organic  
substances

**ISO 18562-4:2024**

Biocompatibility evaluation of breathing gas  
pathways in healthcare applications — Part  
4: Tests for leachables in condensate

**ISO 81060-2:2018/Amd 2:2024**

Non-invasive sphygmomanometers — Part 2:  
Clinical investigation of intermittent  
automated measurement type — Amendment  
2

**ISO/TC 127 MAȘINI DE TERASAMENT**

**ISO 3164:2013/Amd 1:2024**

Earth-moving machinery — Laboratory  
evaluations of protective structures —  
Specifications for deflection-limiting volume  
— Amendment 1

**ISO/TC 136 MOBILIER**

**ISO 12808:2024**

Hardware for furniture — Strength and  
durability of extension elements and their  
components

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

**ISO 8233:2024**

Thermoplastics valves — Torque — Test  
method

**ISO 10928:2024**

Plastics piping systems — Glass-reinforced  
thermosetting plastics (GRP) pipes and  
fittings — Methods for regression analysis  
and their use

**ISO/TC 146 CALITATEA AERULUI**

**ISO 16000-11:2024**

Indoor air — Part 11: Determination of the  
emission of volatile organic compounds from  
samples of building products and furnishing  
— Sampling, storage of samples and  
preparation of test specimens

**ISO 16000-9:2024**

Indoor air — Part 9: Determination of the  
emission of volatile organic compounds from  
samples of building products and furnishing  
— Emission test chamber method

**ISO/TC 147 CALITATEA APEI**

**ISO 5667-3:2024**

Water quality — Sampling — Part 3:  
Preservation and handling of water samples

**ISO 17294-1:2024**

Water quality — Application of inductively  
coupled plasma mass spectrometry (ICP-MS)  
— Part 1: General requirements

**ISO/TC 150 IMPLANTURI  
CHIRURGICALE**

**ISO 5832-11:2024**

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

**ISO/TC 157 CONTRACEPTIVE  
MECANICE**

**ISO/TS 23148:2024**

Compatibility of lubricants with synthetic male  
condoms

**ISO/TC 159 ERGONOMIE**

**ISO/TR 7250-2:2024**

Basic human body measurements for  
technological design — Part 2: Statistical  
summaries of body measurements from  
national populations

**ISO 9241-115:2024**

Ergonomics of human-system interaction —  
Part 115: Guidance on conceptual design,  
user-system interaction design, user interface  
design and navigation design

**ISO/TC 166 ARTICOLE DE CERAMICĂ,  
DE STICLĂ ȘI VITROCERAMICE  
IN CONTACT CU PRODUSE  
ALIMENTARE**

**ISO 5644:2024**

Porcelain Tableware — Specification and test  
method

**ISO/TC 171 APLICAȚII ÎN GESTIUNEA  
DOCUMENTELOR**

**ISO 14289-2:2024**

Document management applications —  
Electronic document file format enhancement  
for accessibility — Part 2: Use of ISO 32000-  
2 (PDF/UA-2)

**ISO/TC 172 OPTICĂ ȘI FOTONICĂ**

**IEC 80601-2-58:2024**

Medical electrical equipment — Part 2-58:  
Particular requirements for basic safety and  
essential performance of lens removal  
devices and vitrectomy devices for  
ophthalmic surgery

**ISO/TC 173 PRODUSE AJUTĂTOARE  
PENTRU PERSOANE CU  
DEFICIENȚE SAU HANDICAP**

**ISO 6273:2024**

Assistive products — Accessibility guidelines  
and requirements to survey the needs of  
persons with sensory disabilities for assistive  
products and services

**ISO 16021:2024**

Absorbent incontinence products for urine  
and/or faeces — Basic principles for  
evaluation of single-use adult products from  
the perspective of users and caregivers

**ISO/TC 180 ENERGIE SOLARĂ**

**ISO 24194:2022/Amd 1:2024**

Solar energy — Collector fields — Check of  
performance — Amendment 1

**ISO/TC 184 SISTEME DE  
AUTOMATIZARI INDUSTRIALE  
ȘI STRUCTURI DE INTEGRARE**

**ISO 8000-114:2024**

Data quality — Part 114: Master data:  
Application of ISO/IEC 21778 and ISO 8000-  
115 to portable data

**ISO 16400-3:2024**

Automation systems and integration —  
Equipment behaviour catalogues for virtual  
production system — Part 3: Requirements  
and recommendations for construction of an  
equipment instance model

**ISO/TC 185 DISPOZITIVE DE  
SECURITATE PENTRU  
PROTECTIE CONTRA  
PRESIUNII EXCESIVE**

**ISO 4126-10:2024**

Safety devices for protection against  
excessive pressure — Part 10: Sizing of  
safety valves and bursting discs for gas/liquid  
two-phase flow

**ISO/TC 193 GAZE NATURALE**

**ISO 2620:2024**

Analysis of natural gas — Biomethane — Determination of VOCs by thermal desorption gas chromatography with flame ionization and/or mass spectrometry detectors

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

**ISO 17665:2024**

Sterilization of health care products — Moist heat — Requirements for the development, validation and routine control of a sterilization process for medical devices

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

**ISO 15638-25:2024**

Intelligent transport systems — Framework for collaborative telematics applications for regulated commercial freight vehicles (TARV) — Part 25: Overhead clearance monitoring

**ISO 21177:2024**

Intelligent transport systems — ITS station security services for secure session establishment and authentication between trusted devices

**ISO 24311:2024**

Intelligent transport systems — Mobility integration — 'Controlled zone' management for urban vehicle access restrictions (UVARs) using C-ITS

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

**ISO 18183-1:2024**

Geometrical product specifications (GPS) — Partition — Part 1: Vocabulary and basic concepts

**ISO/TC 229 NANOTEHNOLOGII**

**ISO/TS 4958:2024**

Nanotechnologies — Vocabulary — Liposomes

**ISO/TS 22298:2024**

Nanotechnologies — Silica nanomaterials — Specification of characteristics and measurement methods for silica with ordered nanopore array (SONA)

**ISO/TC 234 PESCĂRII ȘI  
ACVACULTURĂ**

**ISO 17273:2024**

Waste management and reduction from aquaculture facilities in natural water bodies — Principles and guidelines

**ISO/TC 238 BIOCOMBUSTIBILI SOLIZI**

**ISO 18134-2:2024**

Solid biofuels — Determination of moisture content — Part 2: Simplified method

**ISO/TC 249 MEDICINĂ TRADIȚIONALĂ  
CHINEZEASCĂ**

**ISO 8071:2024**

Traditional Chinese medicine — Ligusticum chuanxiong rhizome

**ISO/TC 260 MANAGEMENTUL  
RESURSELOR UMANE**

**ISO/TS 30438:2024**

Human resource management — Employee engagement metrics

**ISO/TC 261 FABRICAȚIA ADITIVĂ**

**ISO/ASTM 52927:2024**

Additive manufacturing — General principles — Main characteristics and corresponding test methods

**ISO/ASTM 52933:2024**

Additive manufacturing — Environment, health and safety — Test method for the hazardous substances emitted from material extrusion type 3D printers in the non-industrial places

**ISO/TC 267**

**ISO 41017:2024**

Facility management — Guidance on emergency preparedness and management of an epidemic

**ISO/TC 268 DEZVOLTAREA DURABILĂ  
ÎN COMUNITĂȚI**

**ISO/TR 37112:2024**

Sustainable cities and communities — Case studies in how smart city operating models support an effective public-health emergency response

**ISO/TC 269 APLICATII FERROVIARE**

**ISO 5735-1:2024**

Railway infrastructure — Non-destructive testing on rails in track — Part 1: Requirements for ultrasonic testing and evaluation principles

**ISO 24221:2024**

Railway applications — Braking system — General requirements

**ISO/TC 276 BIOTEHNOLOGIE**

**ISO 20688-2:2024**

Biotechnology — Nucleic acid synthesis — Part 2: Requirements for the production and quality control of synthesized gene fragments, genes, and genomes

**ISO/TC 281 TEHNOLOGIA BULELOR FINE**

**ISO 7383-1:2024**

Fine bubble technology — Evaluation method for determining gas content in fine bubble dispersions in water — Part 1: Oxygen content

**ISO/TC 283 SISTEME DE MANAGEMENT AL SĂNĂȚĂII ȘI SECURITĂȚII OCUPAȚIONALE**

**ISO 45004:2024**

Occupational health and safety management — Guidelines on performance evaluation

**ISO/TC 299 ROBOȚI ȘI DISPOZITIVE ROBOTICE**

**IEC 80601-2-78:2019/Amd 1:2024**

Medical electrical equipment — Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation — Amendment 1



**STANDARDE / DOCUMENTE DE STANDARDIZARE  
INTERNAȚIONALE IEC APROBATE**

În perioada **2024.03.01 – 2024.03.31**

**IEC/TC 2 MAȘINI ELECTRICE ROTATIVE**

**IEC 60034-2-1:2024**

Rotating electrical machines - Part 2-1:  
Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles)

**IEC 60034-2-2:2024**

Rotating electrical machines - Part 2-2:  
Specific methods for determining separate losses of large machines from tests -  
Supplement to IEC 60034-2-1

**IEC 60034-2-3:2024**

Rotating electrical machines - Part 2-3:  
Specific test methods for determining losses and efficiency of converter-fed AC motors

**IEC/TC 15 MATERIALE  
ELECTROIZOLANTE SOLIDE**

**IEC 60684-3-116:2024**

Flexible insulating sleeving - Part 3:  
Specifications for individual types of sleeving  
- Sheets 116 and 117: Extruded  
polychloroprene, general purpose

**IEC/TC 100 SISTEME ȘI ECHIPAMENTE  
AUDIO, VIDEO ȘI MULTIMEDIA**

**IEC 61937-1:2021/C1:2024**

Corrigendum 1 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 1: General

**IEC/TC 21 ELEMENTE GALVANICE  
SECUNDARE ȘI  
ACUMULATOARE**

**IEC 61427-2:2015/A1:2024**

Amendment 1 - Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 2: On-grid applications

**IEC 61427-2:2015+A1:2024 CSV**

Secondary cells and batteries for renewable energy storage - General requirements and methods of test - Part 2: On-grid applications

**IEC/TC 22 SISTEME ȘI ECHIPAMENTE  
PENTRU ELECTRONICA DE  
PUTERE**

**IEC 60146-1-1:2024**

Semiconductor converters - General requirements and line commutated converters - Part 1-1: Specification of basic requirements

**IEC 60146-1-1:2024 CMV**

Semiconductor converters - General requirements and line commutated converters - Part 1-1: Specification of basic requirements

**IEC/TC 23 ACCESORII ELECTRICE**

**IEC 60669-2-2:2024**

Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS)

**IEC 60669-2-2:2024 EXV**

Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS)

**IEC 60669-2-2-EXV-RLV:2024**

Switches for household and similar fixed electrical installations - Part 2-2: Particular requirements - Electromagnetic remote-control switches (RCS)

**IEC 60669-2-3:2024**

Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time-delay switches (TDS)

**IEC 60669-2-3:2024 EXV**

Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time-delay switches (TDS)

**IEC 60669-2-3-EXV-RLV:2024**

Switches for household and similar fixed electrical installations - Part 2-3: Particular requirements - Time-delay switches (TDS)

**IEC 60669-2-4:2024**

Switches for household and similar fixed electrical installations - Part 2-4: Particular requirements - Isolating switches

**IEC 60669-2-4:2024 EXV**

Switches for household and similar fixed electrical installations - Part 2-4: Particular requirements - Isolating switches

**IEC 61084-2-1:2017/A1:2024**

Amendment 1 - Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

**IEC 61084-2-1:2017+A1:2024 CSV**

Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

**IEC 61084-2-2:2017/A1:2024**

Amendment 1 - Cable trunking systems and cable ducting systems for electrical installations - Part 2-2: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

**IEC 61084-2-2:2017+A1:2024 CSV**

Cable trunking systems and cable ducting systems for electrical installations - Part 2-2: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

**IEC 61084-2-4:2017/A1:2024**

Amendment 1 - Cable trunking systems and cable ducting systems for electrical installations - Part 2-4: Particular requirements - Service poles and service posts

**IEC 61084-2-4:2017+A1:2024 CSV**

Cable trunking systems and cable ducting systems for electrical installations - Part 2-4: Particular requirements - Service poles and service posts

**IEC 62752:2024**

In-cable control and protection device (IC-CPD) for mode 2 charging of electric road vehicles

**IEC/TC 44 SIGURANȚA APARATELOR  
- ASPECTE ELECTROTEHNICE**

**IEC 62061:2021/A1:2024**

Amendment 1 - Safety of machinery - Functional safety of safety-related control systems

**IEC 62061:2021+A1:2024 CSV**

Safety of machinery - Functional safety of safety-related control systems

**IEC/TC 45 APARATURĂ NUCLEARĂ**

**IEC 61526:2024**

Radiation protection instrumentation - Measurement of personal dose equivalents for X, gamma, neutron and beta radiations - Active personal dosimeters

**IEC/TC 46 CABLURI, CONDUCTOARE,  
GHIDURI DE UNDĂ,  
CONECTOARE DE  
RADIOFRECVENȚĂ,  
COMPONENTE ȘI ACCESORII  
PASIVE PENTRU MICROUND  
ȘI RADIOFRECVENȚĂ**

**IEC 60966-2-1:2024**

Radio frequency and coaxial cable assemblies - Part 2-1: Sectional specification for flexible coaxial cable assemblies

**IEC 60966-2-2:2024**

Radio frequency and coaxial cable assemblies - Part 2-2: Blank detail specification for flexible coaxial cable assemblies

**IEC 60966-4:2024**

Radio frequency and coaxial cable assemblies - Part 4: Sectional specification for semi-rigid coaxial cable assemblies

**IEC 60966-4-1:2024**

Radio frequency and coaxial cable assemblies - Part 4-1: Blank detail specification for semi-rigid coaxial cable assemblies

**IEC 61196-1-127:2024**

Coaxial communication cables - Part 1-127: Electrical test methods - Link loss of radiating cable

**IEC/TC 47 DISPOZITIVE CU  
SEMICONDUCTOARE**

**IEC 62047-43:2024**

Semiconductor devices - Micro-electromechanical devices - Part 43: Test method of electrical characteristics after cyclic bending deformation for flexible micro-electromechanical devices

**IEC/TC 55 CONDUCTOARE DE BOBINAJ**

**IEC 60317-67:2017/A1:2024**

Amendment 1 - Specifications for particular types of winding wires - Part 67: Polyvinyl acetal enamelled rectangular aluminium wire, class 105

**IEC 60317-67:2017+A1:2024 CSV**

Specifications for particular types of winding wires - Part 67: Polyvinyl acetal enamelled rectangular aluminium wire, class 105

**IEC/TC 61 SECURITATEA APARATELOR ELECTRICE DE UZ CASNIC**

**IEC 60335-2-108:2024**

Household and similar electrical appliances - Safety - Part 2-108: Particular requirements for electrolyzers

**IEC 60335-2-108:2024 EXV**

Household and similar electrical appliances - Safety - Part 2-108: Particular requirements for electrolyzers

**IEC 60335-2-108-EXV-RLV:2024**

Household and similar electrical appliances - Safety - Part 2-108: Particular requirements for electrolyzers

**IEC 60335-2-73:2024**

Household and similar electrical appliances - Safety - Part 2-73: Particular requirements for fixed immersion heaters

**IEC 60335-2-73:2024 CMV**

Household and similar electrical appliances - Safety - Part 2-73: Particular requirements for fixed immersion heaters

**IEC 60335-2-73:2024 EXV**

Household and similar electrical appliances - Safety - Part 2-73: Particular requirements for fixed immersion heaters

**IEC 60335-2-73-EXV-CMV:2024**

Household and similar electrical appliances -

Safety - Part 2-73: Particular requirements for fixed immersion heaters

**IEC/TC 62 ECHIPAMENTE ELECTROMEDICALE**

**IEC TS 60601-4-2:2024**

Medical electrical equipment - Part 4-2: Guidance and interpretation - Electromagnetic immunity: performance of medical electrical equipment and medical electrical systems

**IEC 61223-3-8:2024**

Evaluation and routine testing in medical imaging departments - Part 3-8: Acceptance and constancy tests - Imaging performance of X-ray equipment for radiography and radioscopy

**IEC 80601-2-58:2024**

Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery

**IEC 80601-2-78:2019/A1:2024**

Amendment 1 - Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation

**IEC 80601-2-78:2019+A1:2024 CSV**

Medical electrical equipment - Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation

**IEC/TC 64 INSTALAȚII ELECTRICE ȘI PROTECȚIA ÎMPOTRIVA ȘOCULUI**

**IEC 60364-7-706:2024**

Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement

**IEC/TC 65 MĂSURĂ ȘI COMANDĂ ÎN PROCESELE INDUSTRIALE**

**IEC 61784-5-12:2024**

Industrial networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12

**IEC 61784-5-2:2018/A1:2024**

Amendment 1 - Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

**IEC 61784-5-2:2018+A1:2024 CSV**

Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2

**IEC 61784-5-21:2018/A1:2024**

Amendment 1 - Industrial communication networks - Profiles - Part 5-21: Installation of fieldbuses - Installation profiles for CPF 21

**IEC 61784-5-21:2018+A1:2024 CSV**

Industrial communication networks - Profiles - Part 5-21: Installation of fieldbuses - Installation profiles for CPF 21

**IEC 61784-5-22:2024**

Industrial networks - Profiles - Part 5-22: Installation of fieldbuses - Installation profiles for CPF 22

**IEC 61784-5-3:2018/A1:2024**

Amendment 1 - Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

**IEC 61784-5-3:2018+A1:2024 CSV**

Industrial communication networks - Profiles - Part 5-3: Installation of fieldbuses - Installation profiles for CPF 3

**IEC 61918:2018/A2:2024**

Amendment 2 - Industrial communication networks - Installation of communication networks in industrial premises

**IEC 61918:2018+A1:2022+A2:2024 CSV**

Industrial communication networks - Installation of communication networks in industrial premises

**IEC TS 62443-6-1:2024**

Security for industrial automation and control systems - Part 6-1: Security evaluation methodology for IEC 62443-2-4

**IEC/TC 76      SECURITATEA ÎN  
UTILIZAREA RADIAȚIEI OPTICE  
ȘI A ECHIPAMENTELOR CU  
LASER**

**IEC TS 60825-19:2024**

Safety of laser products - Part 19: Moving platform laser products

**IEC/TC 77      COMPATIBILITATE  
ELECTROMAGNETICĂ**

**IEC 61000-3-2:2018/A2:2024**

Amendment 2 - Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current = 16 A per phase)

**IEC 61000-3-2:2018+A1:2020+A2:2024 CSV**

Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current = 16 A per phase)

**IEC TR 61000-1-9:2024**

Electromagnetic compatibility (EMC) - Part 1-9: General - Evaluation of uncertainty for the measurement of harmonic current emissions

**IEC/TC 78      LUCRĂRI SUB TENSIUNE**

**IEC 62819:2022/C1:2024**

Corrigendum 1 - Live working - Eye, face and head protectors against the effects of electric arc - Performance requirements and test methods

**IEC/TC 86      FIBRE OPTICE**

**IEC 63267-2-1:2024**

Fibre optic interconnecting devices and passive components - Connector optical interfaces for enhanced macro bend multimode fibres - Part 2-1: Connection parameters of physically contacting 50 µm core diameter fibres - Non-angled

**IEC 63267-2-2:2024**

Fibre optic interconnecting devices and passive components - Connector optical interfaces for enhanced macro bend multimode fibres - Part 2-2: Connection parameters of physically contacting 50 µm core diameter fibres - Non-angled and angled for reference connector applications

**IEC/TC 88      TURBINE EOLIENE**

**IEC TS 61400-11-2:2024**

Wind energy generation systems - Part 11-2: Acoustic noise measurement techniques - Measurement of wind turbine sound characteristics in receptor position

**IEC/TC 91      TEHNOLOGIA ASAMBLĂRII  
COMPONENTELOR  
ELECTRONICE**



**IEC 61189-2-720:2024**

Test methods for electrical materials, circuit boards and other interconnection structures and assemblies - Part 2-720: Detection of defects in interconnection structures by measurement of capacitance

**IEC/TC 110 DISPOZITIVE DE AFIȘARE PLANE**

**IEC 62977-2-7:2024**

Electronic displays - Part 2-7 : Measurements of optical characteristics - Tiled displays

**IEC/TC 119 ELECTRONICE IMPRIMATE**

**IEC 62899-202-8:2024**

Printed electronics - Part 202-8: Materials - Conductive ink - Measurement of difference in resistance of printing direction of conductive film fabricated with wire-shaped materials

**IEC/TC 121 APARATE ȘI ANSAMBLURI DE APARATE DE JOASĂ TENSIUNE**

**IEC 60947-5-1:2024**

Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices

**IEC 61439-3:2024**

Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)

**IEC 61439-3:2024 CMV**

Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)

**IEC 61439-3:2024 EXV**

Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)

**IEC 61439-3-EXV-CMV:2024**

Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO)

**IEC/TC 124**

**IEC 63203-301-1:2024**

Wearable electronic devices and technologies - Part 301-1: Test method of electrochromic films for wearable equipment


 În perioada **2024.03.01 – 2024.03.31**

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](mailto: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.

**CIE COMISIA INTERNAȚIONALĂ  
 PENTRU ILUMINAT**

 functional size measurement  
 dea: 2024-05-28

**ISO/CIE DIS 28077.2**

 Photocarcinogenesis action spectrum (non-melanoma skin cancers)  
 dea: 2024-05-22

**ISO/TC 1 FILETE**
**ISO/DIS 965-2**

 ISO general purpose metric screw threads — Tolerances — Part 2: Limits of sizes for general purpose external and internal threads — Medium tolerance quality  
 dea: 2024-05-27

**IULTCS UNIUNEA INTERNAȚIONALĂ A  
 SOCIETĂȚILOR  
 TEHNICIENILOR ȘI  
 CHIMIȘTILOR PIELARI**
**ISO/DIS 23649**

 Chemicals for the leather tanning industry - Determination of cyclosiloxanes in waterproofing fatliquors  
 dea: 2024-06-04

**ISO/DIS 965-4**

 ISO general purpose metric screw threads — Tolerances — Part 4: Limits of sizes for hot dip galvanized external threads to mate with internal threads made to tolerance position H or G after galvanizing  
 dea: 2024-06-11

**ISO/IEC JTC 1 TEHNOLOGIA  
 INFORMAȚIEI**
**ISO/IEC 11770-3:2021/DAmD 1**

 Information security — Key management — Part 3: Mechanisms using asymmetric techniques — Amendment 1: TFNS identity-based key agreement  
 dea: 2024-05-28

**ISO/TC 6 HÂRTIE, CARTON ȘI  
 CELULOZĂ**
**ISO/DIS 5267-2**

 Pulps — Determination of drainability — Part 2: "Canadian Standard" freeness method  
 dea: 2024-06-13

**ISO/IEC DIS 14496-12.2**

 Information technology — Coding of audio-visual objects — Part 12: ISO base media file format  
 dea: 2024-05-24

**ISO/TC 8 NAVE ȘI TEHNOLOGIE  
 MARITIMĂ**
**ISO/DIS 7613**

 Ships and marine technology — Hopper dredger — Trailing suction tube position monitoring system  
 dea: 2024-06-17

**ISO/IEC 15944-7:2009/DAmD 1**

 Information technology — Business operational view — Part 7: eBusiness vocabulary — Amendment 1: Addition of clause 3 entries in ISO/IEC 15944-8, ISO/IEC 15944-9, ISO/IEC 15944-12, ISO/IEC 15944-16, ISO/IEC 15944-17, ISO/IEC 15944-20 and ISO/IEC 15944-21 to Annexes A, B and C and related changes  
 dea: 2024-06-10

**ISO/DIS 15016.2**

 Ships and marine technology — Specifications for the assessment of speed and power performance by analysis of speed trial data  
 dea: 2024-05-24

**ISO/IEC/IEEE DIS 32430**

Software engineering — Software non-

**ISO/DIS 16199**

Ships and marine technology — Jacking system appliances on self-elevating unit —

Acceptance tests  
dea: 2024-06-14

**ISO/DIS 17579**

Ships and marine technology — Design and testing requirements of pneumatic quick-closing valves  
dea: 2024-05-31

**ISO/TC 17 OȚEL**

**ISO/DIS 4937**

Steel and iron — Determination of chromium content — Potentiometric or visual titration method  
dea: 2024-05-27

**ISO/TC 20 AERONAUTICĂ ȘI SPAȚIU**

**ISO/DIS 7689.2**

Aerospace series — Bolts, with MJ threads, made of alloy steel, strength class 1 100 MPa — Procurement specification  
dea: 2024-05-03

**ISO/DIS 15964**

Detection and avoidance system for unmanned aircraft systems  
dea: 2024-06-05

**ISO/DIS 16126.2**

Space systems — Survivability of unmanned spacecraft against space debris and meteoroid impacts for the purpose of space debris mitigation  
dea: 2024-05-01

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

**ISO/DIS 6182-2**

Fire protection — Automatic sprinkler systems — Part 2: Requirements and test methods for sprinkler system alarm valves, check valves, water motor alarms, retard devices and accelerators  
dea: 2024-06-03

**ISO/TC 22 VEHICULE RUTIERE**

**ISO/DIS 15118-21**

Road vehicles — Vehicle to grid communication interface — Part 21: Common 2nd generation network layer and application layer requirements conformance test plan  
dea: 2024-06-17

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

**ISO/DIS 23117-2**

Agricultural and forestry machinery — Unmanned aerial spraying systems — Part 2: Test methods to assess the horizontal transverse spray distribution  
dea: 2024-05-29

**ISO/TC 28 PRODUSE PETROLIERE ȘI  
LUBRIFIANȚI**

**ISO/DIS 19970**

Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels — Metering of gas as fuel on LNG carriers during cargo transfer operations  
dea: 2024-06-20

**ISO/TC 31 ANVELOPE, JANTE ȘI  
VALVE**

**ISO/DIS 18511-1**

Tyre abrasion rate measurement methods — Part 1: Outdoor test method by using vehicles on road  
dea: 2024-06-18

**ISO/DIS 18511-2**

Tyre abrasion rate measurement methods — Part 2: Indoor test method by using an abrasion tester on external drum  
dea: 2024-05-31

**ISO/TC 34 PRODUSE ALIMENTARE**

**ISO/DIS 6900**

Dried red jujubes — Specification and test methods  
dea: 2024-06-17

**ISO/DIS 20948**

Vegetable fats and oils — Determination of aflatoxins B1, B2, G1, G2 by immunoaffinity column clean-up and high-performance liquid chromatography  
dea: 2024-06-18

**ISO/TC 35 VOPSELE ȘI LACURI**

**ISO/DIS 7012-1**

Paints and varnishes — Determination of preservatives in water-dilutable coating materials — Part 1: Determination of in-can free formaldehyde  
dea: 2024-06-06

**ISO/DIS 7012-2**

Paints and varnishes — Determination of preservatives in water-dilutable coating materials — Part 2: Determination of in-can total formaldehyde  
dea: 2024-06-06

**ISO/DIS 7012-3**

Paints and varnishes — Determination of preservatives in water-dilutable coating materials — Part 3: Determination of in-can isothiazolinones with LC-UV and LC-MS  
dea: 2024-06-06

**ISO/TC 38 TEXTILE**

**ISO/DIS 13118**

Textile — Biaxial tensile properties of woven fabric — Determination of elasticity properties using a cruciform test piece  
dea: 2024-06-19

**ISO/DIS 13629-1**

Textiles — Determination of antifungal activity of textile products — Part 1: Luminescence method  
dea: 2024-06-03

**ISO/DIS 22195-7**

Textiles — Determination of index ingredient from coloured textile — Part 7: Himalayan rhubarb  
dea: 2024-06-07

**ISO/DIS 22195-8**

Textiles — Determination of index ingredient from coloured textile — Part 8: Hibiscus  
dea: 2024-06-07

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

**ISO/DIS 5175-3**

Gas welding equipment — Safety devices — Part 3: Decomposition blockers for low pressure acetylene  
dea: 2024-05-29

**ISO/TC 46 INFORMARE ȘI DOCUMENTARE**

**ISO/DIS 11108**

Information and documentation — Archival paper — Requirements for permanence and durability  
dea: 2024-06-18

**ISO/TC 54 ULEIURI ESENȚIALE**

**ISO/DIS 3518**

Essential oil of sandalwood (*Santalum album* L.)  
dea: 2024-06-06

**ISO/TC 59 CONSTRUCȚII IMOBILIARE**

**ISO/DIS 6082**

Construction project governance — Guidance on delivery management  
dea: 2024-06-12

**ISO/DIS 16757-4**

Data structures for electronic product catalogues for building services — Part 4: Dictionary structures for product catalogue  
dea: 2024-06-12

**ISO/DIS 16757-5**

Data structures for electronic product catalogues for building services — Part 5: Product catalogue exchange format  
dea: 2024-06-13

**ISO/TC 60 ANGRENAJE**

**ISO/DIS 21771-2**

Cylindrical involute gears and gear pairs — Part 2: Calculation and measurement of tooth thickness and backlash  
dea: 2024-05-28

**ISO/TC 61 MATERIALE PLASTICE**

**ISO/DIS 15373**

Plastics — Polymer dispersions — Determination of free formaldehyde  
dea: 2024-06-13

**ISO/DIS 16365-1**

Plastics — Thermoplastic polyurethanes for moulding and extrusion — Part 1: Designation system and basis for specifications  
dea: 2024-06-11

**ISO/DIS 19252**

Plastics — Determination of scratch properties  
dea: 2024-06-03

**ISO/DIS 19350**

Recycled carbon fibre — Determination of tensile strength distribution and interfacial shear strength of single filament embedded in matrix polymer  
dea: 2024-05-27

**ISO/DIS 29862**

Self adhesive tapes — Determination of peel adhesion properties  
dea: 2024-06-10

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

**ISO/DIS 12747**

Oil and gas industries including lower carbon energy — Pipeline transportation systems — Recommended practice for pipeline life extension  
dea: 2024-06-07

**ISO/TC 68 SERVICII FINANCIARE**

**ISO/DIS 18774**

Financial Services — Financial Instrument Short Name (FISN)  
dea: 2024-05-31

**ISO/TC 83 ECHIPAMENTE PENTRU  
SPORT ȘI RECREERE**

**ISO/DIS 6289**

Skis — Vocabulary  
dea: 2024-06-11

**ISO/DIS 23223**

Alpine ski boots with improved walking soles — Interface with alpine ski-bindings – Requirements and test methods  
dea: 2024-06-11

**ISO/TC 92 SECURITATE LA INCENDIU**

**ISO/DIS 834-1**

Fire-resistance tests — Elements of building construction — Part 1: General requirements  
dea: 2024-05-27

**ISO/DIS 834-7**

Fire-resistance tests — Elements of building construction — Part 7: Specific requirements for columns  
dea: 2024-05-29

**ISO/DIS 9239-1**

Reaction to fire tests for floorings — Part 1: Determination of the burning behaviour using a radiant heat source  
dea: 2024-06-19

**ISO/TC 106 STOMATOLOGIE**

**ISO/DIS 6877**

Dentistry — Endodontic obturating materials  
dea: 2024-06-13

**ISO/DIS 7405**

Dentistry — Evaluation of biocompatibility of medical devices used in dentistry  
dea: 2024-06-10

**ISO/TC 107 ACOPERIRI METALICE ȘI  
ALTE ACOPERIRI  
ANORGANICE**

**ISO/DIS 21452**

Specification and requirements of thermal spray coatings for power plant boiler tubes  
dea: 2024-06-05

**ISO/DIS 21456**

Determination of the residual stress of TGO layer in thermal barrier coating by photoexcitation fluorescence piezoelectric spectroscopy  
dea: 2024-06-05

**ISO/DIS 21465**

Test method for CMAS corrosion of thermal/environmental barrier coatings under dynamic thermal cycling  
dea: 2024-05-31

**ISO/TC 117 VENTILATOARE  
INDUSTRIALE**

**ISO/DIS 13348**

Fans — Tolerances, methods of conversion and technical data presentation  
dea: 2024-06-10

**ISO/TC 120 PIELE**

**ISO/DIS 18270**

Classification and performance guidelines for leather upholstered products  
dea: 2024-06-10

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

**ISO/DIS 11197**

Medical supply units  
dea: 2024-06-18

**ISO/DIS 18777-1**

Transportable liquid oxygen systems for medical use — Part 1: Common requirements and particular requirements for

base units  
dea: 2024-05-28

**ISO/DIS 18777-2**  
Transportable liquid oxygen systems for  
medical use — Part 2: Portable units  
dea: 2024-05-28

**ISO/TC 123 LAGĂRE**

**ISO/DIS 4385**  
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**ISO/TC 269 APLICATII FERROVIARE**

**ISO/DIS 10516**

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**ISO/TC 292 SECURITATE**

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dea: 2024-06-19





În perioada **2024.03.01 – 2024.03.31**

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**IEC/TC 1 TERMINOLOGIE**
**IEC 60050-693 ED1**

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 dea: 2024-06-07

**IEC/TC 9 ECHIPAMENTE ȘI SISTEME  
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**IEC 63341-1 ED1**

Railway applications - Hydrogen and fuel cell systems for rolling stock - Part 1: Fuel cell power system  
 dea: 2024-05-31

**IEC 63341-2 ED1**

Railway applications - Hydrogen and fuel cell systems for rolling stock - Part 2: Hydrogen fuel system  
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**IEC/TC 17 APARATAJ ELECTRIC**
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**IEC 60079-19 ED5**

Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation  
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**IEC/TC 32 SIGURANȚE ELECTRICE**
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**IEC 62391-2 ED2**

Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double layer capacitors for power application  
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**IEC 61196-1-113 ED3**

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**IEC 62037-1 ED3**  
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Passive RF and microwave devices,  
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**IEC 60317-27-1/AMD1 ED1**  
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**IEC/TC 62 ECHIPAMENTE  
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**IEC 62828-2 ED2**  
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**IEC 63382-1 ED1**  
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