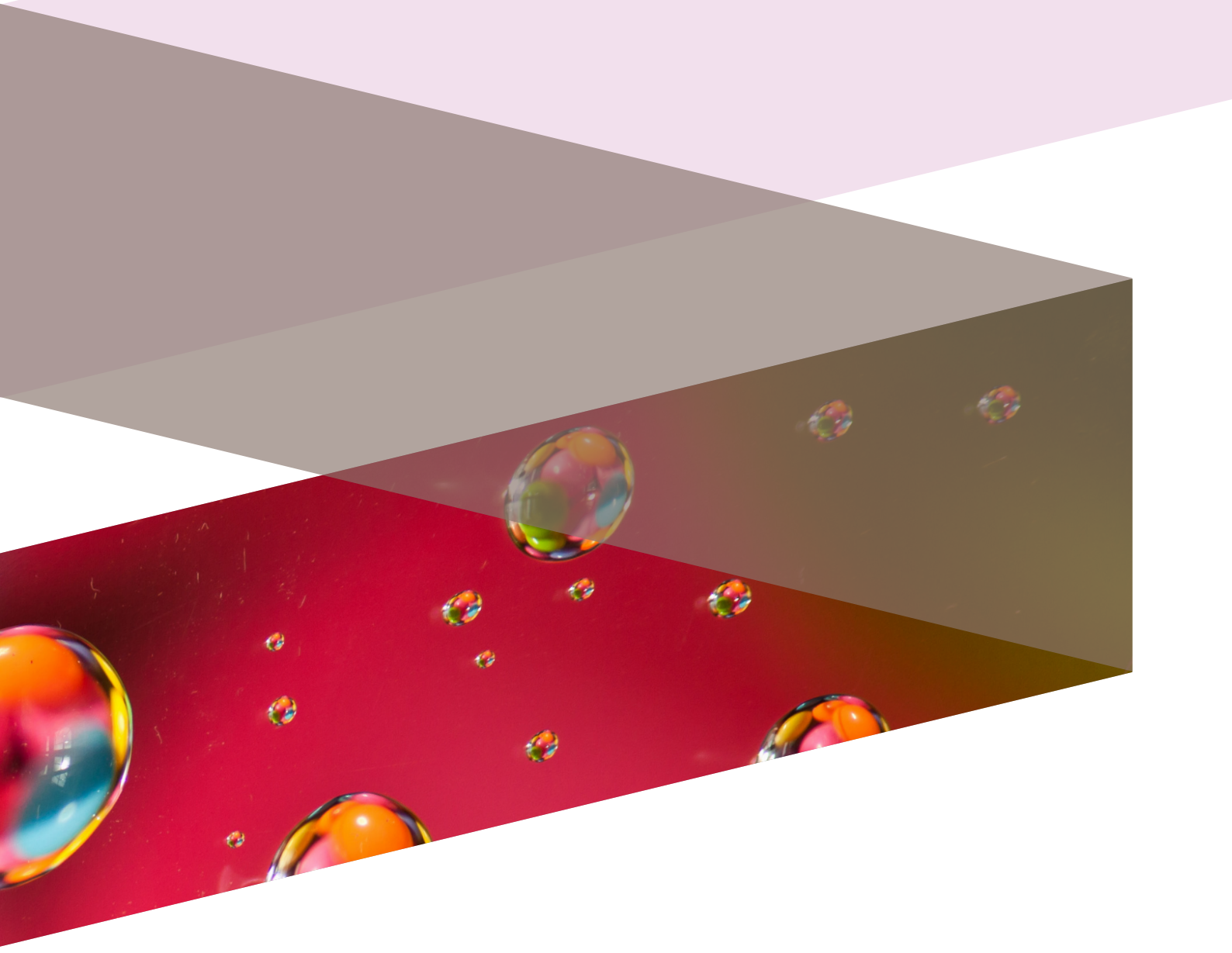
BULETINUL STANDARDIZĂRII

Publicație oficială a
Organismului Național de Standardizare

Aprilie 2022



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ISSN 2559-4230

Publicaţie finanţată de MINISTERUL ECONOMIEI, ENERGIEI ȘI MEDIULUI DE AFACERI

STANDARDIZAREA NAŢIONALĂ

STANDARDE APROBATE

*Standardele române de mai jos au fost aprobate în luna **martie 2022**. Standardele române originale sunt notate cu (**E**). Standardele europene şi internaţionale 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 Asociaţia de Standardizare din România.*

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

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

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SR EN ISO 8611-1:2022 A
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Inlocuieste SR EN ISO 8611-1:2013

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STANDARDE ANULATE

*Standardele române de mai jos au fost anulate în luna **martie 2022**, fie prin înlocuire, fie printr-o decizie de anulare.*

Pentru standardele anulate prin înlocuire sunt precizate şi standardele înlocuitoare.

25.160 Sudare şi lipire
SR EN 60974-2:2013 **NCT**
Echipament pentru sudare cu arc electric. Partea 2: Sisteme de răcire cu lichid
Inlocuit prin SR EN IEC 60974-2:2019

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25.160.20 Materiale pentru sudare

25.160.30 Maşini de sudare

25.160.40 Materiale de adaos

25.160.50 Lipire

29.280 Echipament pentru tracţiune electrică
SR EN 50318:2003 **FCT**
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Inlocuit prin SR EN 50318:2019

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Condensatoare fixe utilizate în echipamente electronice. Partea 21: Specificaţie intermediară. Condensatoare fixe multistrat cu dielectric ceramic pentru montare pe suprafaţă, clasă 1
Inlocuit prin SR EN IEC 60384-21:2019

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Inlocuit prin SR EN IEC 61000-3-2:2019

STANDARDE EUROPENE / INTERNAȚIONALE ADOPTATE INIŢIAL PRIN FILĂ DE CONFIRMARE SAU NOTĂ DE CONFIRMARE PENTRU CARE S-A PUBLICAT VERSIUNEA ROMÂNĂ

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

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

11.100.20 Evaluarea biologică a dispozitivelor medicale

SR EN ISO 10993-17:2009 NCT
Evaluarea biologică a dispozitivelor medicale. Partea 17: Stabilirea limitelor admisibile pentru substanțe extractibile
Data aprobarii: 30.09.2009
Data traducerii: 31.03.2022

13.060.30 Ape uzate

SR EN 12566-4:2016 NCT
Stații mici de epurare a apelor uzate pentru până la 50 PT. Partea 4: Fose septice asamblate in situ din kituri de elemente prefabricate
Data aprobarii: 31.10.2016
Data traducerii: 15.03.2022

SR EN 12566-1:2016 NCT
Staţii mici de epurare a apelor uzate pentru până la 50 PT. Partea 1: Fose septice prefabricate
Data aprobarii: 31.10.2016
Data traducerii: 31.03.2022

13.120 Securitatea în locuinţe

SR EN 60335-2-4:2010/A2:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-4: Prescripții particulare pentru storcătoare centrifugale
Data aprobarii: 31.03.2020
Data traducerii: 31.03.2022

SR EN 60335-2-5:2015/A11:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-5: Prescripții particulare pentru mașini de spălat vase
Data aprobarii: 31.03.2020
Data traducerii: 31.03.2022

SR EN 60335-2-52:2004/A12:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-52: Prescripții particulare pentru aparate pentru igienă orală
Data aprobarii: 31.03.2020
Data traducerii: 31.03.2022

SR EN 60335-2-105:2005/A2:2020 NCT
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Data aprobarii: 30.04.2020
Data traducerii: 31.03.2022
Inlocuit prin SR EN IEC 60335-2-105:2022

SR EN IEC 60335-2-43:2020/A11:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-43: : Prescripții particulare pentru aparate de uscat rufe și uscătoare de prosoape
Data aprobarii: 27.11.2020
Data traducerii: 31.03.2022

SR EN 60335-2-5:2015/A1:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-5: Prescripții particulare pentru mașini de spălat vase
Data aprobarii: 27.11.2020
Data traducerii: 31.03.2022

SR EN 60335-2-61:2004/A12:2021 NCT
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Data aprobarii: 29.11.2021
Data traducerii: 31.03.2022

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SR EN ISO 4126-1:2013/A2:2019 NCT
Dispozitive de securitate pentru protecție împotriva suprapresiunilor. Partea 1: Supape de siguranță
Data aprobarii: 31.10.2019
Data traducerii: 31.03.2022

17.220.20 Măsurări de mărimi electrice şi magnetice

SR EN IEC 60051-4:2021 NCT
Aparate de măsurat electrice indicatoare analogice cu acțiune directă și accesoriile lor. Partea 4: Cerințe particulare pentru frecvențmetre
Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

SR EN IEC 60051-3:2021 NCT
Aparate de măsurat electrice indicatoare analogice cu acțiune directă și accesoriile lor. Partea 3: Cerințe particulare pentru wattmetre și varmetre
Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

SR EN IEC 60051-2:2021 NCT
Aparate de măsurat electrice indicatoare analogice cu acțiune directă și accesoriile lor. Partea 2: Cerințe particulare pentru ampermetre și voltmetre
Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

SR EN IEC 60051-9:2021 NCT
Aparate de măsurat electrice indicatoare analogice cu acțiune directă și accesoriile lor. Partea 9: Metode de încercare recomandate
Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

21.060.10 Şuruburi, prezoane, ştifturi filetate

SR EN 1515-4:2021 NCT
Flanșe și îmbinarea lor. Prezoane și piulițe. Partea 4: Alegerea prezoanelor și piulițelor pentru echipamente sub incidența Directivei Echipamente sub Presiune 2014/68/UE
Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

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SR EN 1515-4:2021 NCT
Flanșe și îmbinarea lor. Prezoane și piulițe. Partea 4: Alegerea prezoanelor și piulițelor pentru echipamente sub incidența Directivei Echipamente sub Presiune 2014/68/UE
Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

23.020.35 Butelii de gaz

SR EN ISO 22434:2011 NCT
Butelii pentru gaz transportabile. Inspecția și mentenanța robinetelor buteliilor pentru gaz
Data aprobarii: 31.08.2011
Data traducerii: 31.03.2022

SR EN 14894:2022 NCT
Echipamente și accesorii pentru GPL. Marcare a buteliilor și butoaielor sub presiune
Data aprobarii: 31.01.2022
Data traducerii: 31.03.2022

23.040.60 Flanşe, cuplaje şi alte îmbinări

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Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

23.060.01 Robinetărie în general

SR EN ISO 22434:2011 NCT
Butelii pentru gaz transportabile. Inspecția și mentenanța robinetelor buteliilor pentru gaz
Data aprobarii: 31.08.2011
Data traducerii: 31.03.2022

23.060.20 Robinete cu bilă sau cep

SR EN ISO 16135:2006/A1:2019 NCT
Robinetărie industrială. Robinete cu sferă din materiale termoplastice. Amendament 1
Data aprobarii: 29.11.2019
Data traducerii: 31.03.2022

23.060.30 Robinete de închidere

SR EN ISO 16139:2006/A1:2019 NCT
Robinetărie industrială. Robinete cu sertar din materiale termoplastice. Amendament 1

Data aprobarii: 20.12.2019
Data traducerii: 31.03.2022

23.060.50 Ventile

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Robinetărie industrială. Robinete de închidere din materiale termoplastice. Amendament 1
Data aprobarii: 29.11.2019
Data traducerii: 31.03.2022

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SR EN ISO 16136:2006/A1:2019 NCT
Robinetărie industrială. Robinete cu clapă fluture din materiale termoplastice. Amendament 1
Data aprobarii: 29.11.2019
Data traducerii: 31.03.2022

SR EN ISO 16138:2006/A1:2019 NCT
Robinetărie industrială. Robinete cu diafragmă din materiale termoplastice. Amendament 1
Data aprobarii: 29.11.2019
Data traducerii: 31.03.2022

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Data aprobarii: 28.02.2017
Data traducerii: 31.03.2022

29.140.10 Dulii şi socluri pentru lămpi

SR EN 60400:2018 NCT
Dulii pentru lămpi tubulare fluorescente şi dulii pentru startere
Data aprobarii: 30.03.2018
Data traducerii: 31.03.2022

29.140.40 Corpuri de iluminat

SR EN IEC 60598-2-1:2021 NCT
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Data aprobarii: 30.06.2021
Data traducerii: 31.03.2022

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Data aprobarii: 28.02.2018
Data traducerii: 31.03.2022

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SR EN ISO 21058:2021 NCT
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Data aprobarii: 29.11.2021
Data traducerii: 31.03.2022

75.100 Lubrifianţi, uleiuri industriale şi produse auxiliare

SR EN 17181:2019 NCT
Lubrifianți. Determinarea biodegradabilității aerobe, în soluție apoasă, a lubrifianților complet formulați. Metodă de încercare bazată pe producerea de CO2
Data aprobarii: 31.07.2019
Data traducerii: 31.03.2022

75.120 Fluide hidraulice

SR EN ISO 20783-1:2011 NCT
Produse petroliere și produse înrudite. Determinarea stabilității emulsiilor fluidelor rezistente la foc. Partea 1: Fluide din categoria HFAE
Data aprobarii: 30.06.2011
Data traducerii: 31.03.2022

SR EN ISO 20843:2011 NCT
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Data aprobarii: 30.06.2011
Data traducerii: 31.03.2022

75.200 Maşini şi utilaje pentru transportul produselor petroliere şi a gazului natural

SR EN ISO 16923:2018 NCT
Stații de alimentare cu gaze naturale. Stații GNC pentru alimentarea vehiculelor
Data aprobarii: 28.09.2018
Data traducerii: 31.03.2022

77.140.30 Oţeluri pentru aparate sub presiune

SR EN 10222-2+A1:2021 NCT

Piese forjate din oțel pentru recipiente sub presiune. Partea 2: Oțeluri feritice și martensitice cu caracteristici specificate la temperatură ridicată
Data aprobarii: 30.07.2021
Data traducerii: 31.03.2022

77.140.85 Piese forjate
SR EN 10222-2+A1:2021 NCT
Piese forjate din oțel pentru recipiente sub presiune. Partea 2: Oțeluri feritice și martensitice cu caracteristici specificate la temperatură ridicată
Data aprobarii: 30.07.2021
Data traducerii: 31.03.2022

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Data aprobarii: 21.12.2018
Data traducerii: 31.03.2022

SR EN 1279-4:2018 NCT
Sticlă pentru construcții. Elemente de vitraje izolante. Partea 4: Metode de încercare a caracteristicilor fizice ale componentelor de etanșare a marginii și inserțiilor
Data aprobarii: 21.12.2018
Data traducerii: 31.03.2022

91.060.40 Coşuri, goluri pentru ascensoare, goluri de aerisire
SR EN 1859+A1:2013 NCT
Coșuri de fum. Coșuri de fum metalice. Metode de încercare
Data aprobarii: 30.09.2013
Data traducerii: 31.03.2022

91.060.50 Uşi şi ferestre
SR EN 13561:2015 NCT
Jaluzele exterioare şi copertine. Cerinţe de performanţă, inclusiv de securitate
Data aprobarii: 30.06.2015
Data traducerii: 15.03.2022

91.140.70 Instalaţii sanitare
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Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-84: Prescripții particulare pentru aparate de toaletă
Data aprobarii: 23.12.2021
Data traducerii: 31.03.2022

97.040.40 Maşini de spălat vase
SR EN 60335-2-5:2015/A11:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-5: Prescripții particulare pentru mașini de spălat vase
Data aprobarii: 31.03.2020
Data traducerii: 31.03.2022

SR EN 60335-2-5:2015/A1:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-5: Prescripții particulare pentru mașini de spălat vase
Data aprobarii: 27.11.2020
Data traducerii: 31.03.2022

97.060 Echipamente de spălat
SR EN 60335-2-4:2010/A2:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-4: Prescripții particulare pentru storcătoare centrifugale
Data aprobarii: 31.03.2020
Data traducerii: 31.03.2022

SR EN IEC 60335-2-43:2020/A11:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-43: : Prescripții particulare pentru aparate de uscat rufe și uscătoare de prosoape
Data aprobarii: 27.11.2020
Data traducerii: 31.03.2022

97.100.10 Aparate de încălzit electrice
SR EN 60335-2-61:2004/A12:2021 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-61: Prescripții particulare pentru aparate de încălzit încăperi, cu acumulare
Data aprobarii: 29.11.2021
Data traducerii: 31.03.2022

97.170 Echipamente pentru îngrijirea corpului
SR EN 60335-2-52:2004/A12:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-52: Prescripții particulare pentru aparate pentru igienă orală
Data aprobarii: 31.03.2020
Data traducerii: 31.03.2022

SR EN 60335-2-105:2005/A2:2020 NCT
Aparate electrice pentru uz casnic și scopuri similare. Securitate. Partea 2-105: Prescripții particulare pentru cabine de duș multifuncționale

Data aprobarii: 30.04.2020
Data traducerii: 31.03.2022
Inlocuit prin SR EN IEC 60335-2-105:2022

COMITETE TEHNICE NOI, MODIFICĂRI ÎN ORGANIZAREA ŞI STRUCTURA COMITETELOR TEHNICE EXISTENTE

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

- Activitatea de standardizare naţională se desfăşoară în comitete tehnice naţionale, structuri fără personalitate juridică ale organismului naţional de standardizare. Organizarea şi modul de lucru ale comitetelor tehnice sunt prevăzute în standardul SR 10000-3 *Principiile şi metodologia standardizării. Partea 3: Structura şi modul de lucru ale comitetelor tehnice.*
- Activitatea comitetelor tehnice se desfăşoară atât pe plan naţional, cât şi european şi internaţional.
- Membrii comitetelor tehnice naţionale sunt persoane juridice interesate din diferite sectoare de activitate. Acestea pot fi: agenţi economici, institute de cercetare, instituţii de învăţământ, asociaţii profesionale, organisme guvernamentale etc. Componenţa comitetelor tehnice trebuie să asigure reprezentarea corespunzătoare a tuturor părților interesate: producători, utilizatori, consumatori, autorităţi etc. Pentru a deveni membru al unui comitet tehnic naţional de standardizare trebuie să se transmită o solicitare scrisă (e-mail sau fax) către ASRO.
- Prin participarea la activitatea comitetelor tehnice, specialiştii, care reprezintă părțile interesate, au posibilitatea să-şi aducă contribuţia la standardizarea naţională, europeană sau internaţională, să cunoască în avans informaţiile 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 şi întreţine contacte cu specialiştii din domeniul specific de activitate, din ţară şi străinătate.
- Informaţii privind participarea la activitatea de standardizare în cadrul comitetelor tehnice naţionale se pot primi de la experţii de standardizare din cadrul ASRO (a se vedea www.asro.ro). Adresa de contact a experţilor de standardizare are următorul format prenume.nume@asro.ro (exemplu: doina.dragomir@asro.ro).
  - **CT 89 Robinetărie industrială**
  - Preşedinte Georgiana MARIN - PERSOANA FIZICA PENSIONAR
  - Expert ASRO: Ing. Mădălina SIMION
  - **CT 138 Fibre optice**
  - Secretar Ing. Valerica CORCIOVA - Asociaţia de Standardizare din România
  - Expert ASRO: Ing. Valerica CORCIOVA
  - **CT 186 Alimentări cu apă şi canalizări şi îmbunătăţiri funciare**
  - Secretar Mihaela MOESCU - Asociaţia de Standardizare din România
  - Expert ASRO: Mihaela MOESCU
  - **CT 285 Sol**
  - Preşedinte Cons. Silvia-Cornelia ANTONIU - Institutul de Diagnostic şi Sănătate Animală
  - Expert ASRO: Ing. Diana IORGA
  - **CT 305 Aparate de uz casnic consumatoare de combustibil**
  - Secretar Adriana ALEXIUC - Asociaţia de Standardizare din România
  - Expert ASRO: Adriana ALEXIUC
  - **CT 335 BIM şi sustenabilitatea mediului construit**
  - Secretar Ing. Cristina CHIREA - Asociaţia de Standardizare din România
  - Expert ASRO: Ing. Cristina CHIREA
  - **CT 358 Explozivi de uz civil**
  - Secretar Mihaela MOESCU - Asociaţia de Standardizare din România
  - Expert ASRO: Mihaela MOESCU
  - **CT 398 Economie circulară**
  - Secretar Ing. Diana IORGA - Asociaţia de Standardizare din România
  - Expert ASRO: Ing. Diana IORGA

STANDARDIZAREA EUROPEANĂ

Informaţiile din această secţiune se referă la activitatea Organizaţiilor Europene de Standardizare CEN, CENELEC şi ETSI.

Pentru înţelegerea simbolurilor utilizate în această secţiune se fac precizările de mai jos:

EN	standard european (CEN, CENELEC, ETSI)
HD	document de armonizare (CENELEC)
CEN/TS, CLC/TS	specificaţie tehnică europeană
CEN/TR, CLC/TR	raport tehnic european
CWA	acordul unui workshop CEN/CENELEC
ETSI EG	ghid ETSI
ETSI EN	standard european pentru telecomunicaţii
ETSI ES	standard ETSI
ETSI TS	specificaţie 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 anunţare a standardului european la nivel naţional
dop	termenul limită de publicare a standardului european la nivel naţional
dow	termenul limită de retragere a standardelor naţionale conflictuale
dea	termenul limită de vot

STANDARDE / DOCUMENTE DE STANDARDIZARE EUROPENE CEN APROBATE

*În perioada **2022.03.01** – **2022.03.31***

01.040 Vocabulare

01.040.01 Generalitati. Terminologie. Standardizare. Documentare (Vocabulare)

EN ISO 10209:2022
Technical product documentation - Vocabulary - Terms relating to technical drawings, product definition and related documentation (ISO 10209:2022)
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

01.040.03 Servicii. Organizarea întreprinderilor, management si calitate . Administrare. Transport. Sociologie. (Vocabulare)

EN 15602:2022
Private security services - Terminology
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

01.040.13 Mediu. Protectia sanatatii. Securitate. (Vocabulare)

EN 15602:2022
Private security services - Terminology
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

01.040.17 Metrologie si masurare. Fenomene fizice (Vocabulare)

EN ISO 772:2022
Hydrometry - Vocabulary and symbols (ISO 772:2022)
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

01.040.25 Tehnici de fabricare (Vocabulare)

EN ISO 2080:2022
Metallic and other inorganic coatings - Surface treatment, metallic and other inorganic coatings - Vocabulary (ISO 2080:2022)
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

01.110 Documentatie tehnica de produs

EN ISO 10209:2022
Technical product documentation - Vocabulary - Terms relating to technical drawings, product definition and related documentation (ISO 10209:2022)
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

01.120 Standardizare. Reguli generale

CEN/TR 17797:2022
Gas infrastructure - Consequences of hydrogen in the gas infrastructure and identification of related standardisation need in the scope of CEN/TC 234
doa: dop: dow:

03.080 Servicii

03.080.20 Servicii pentru întreprinderi

EN 15602:2022
Private security services - Terminology
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

03.100 Organizarea si managementul întreprinderii. Sisteme de management

03.100.30 Managementul resurselor umane

EN ISO 9712:2022
Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

CEN/TS 17699:2022
Guidelines for developing ICT Professional Curricula as scoped by EN 16234-1 (e-CF)
doa: 2022-06-30 dop: dow:

03.160 Legislatie. Administratie

CWA 17858:2022
Guidelines for Traditional Micro-SMEs' GDPR Compliance
doa: dop: dow:

07.080 Biologie. Botanica. Zoologie

CEN/TS 17701-3:2022
Plant biostimulants - Determination of specific elements - Part 3: Determination of mercury
doa: 2022-06-30 dop: dow:

CEN/TS 17703:2022
Plant biostimulants - Determination of chromium(VI)
doa: 2022-06-30 dop: dow:

CEN/TS 17704:2022
Plant biostimulants - Determination of dry matter
doa: 2022-06-30 dop: dow:

CEN/TS 17705:2022
Plant biostimulants - Determination of phosphonates
doa: 2022-06-30 dop: dow:

CEN/TS 17706:2022
Plant biostimulants - Determination of inorganic arsenic
doa: 2022-06-30 dop: dow:

CEN/TS 17725:2022
Plant biostimulants - Determination of the quantity (indicated by mass or volume)
doa: 2022-06-30 dop: dow:

07.120 Nanotehnologii

CEN ISO/TS 19807-1:2022
Nanotechnologies - Magnetic nanomaterials - Part 1: Specification of characteristics and measurements for magnetic nanosuspensions (ISO/TS 19807-1:2019)
doa: 2022-06-30 dop: dow:

CEN ISO/TS 21356-1:2022
Nanotechnologies - Structural characterization of graphene - Part 1: Graphene from powders and dispersions (ISO/TS 21356-1:2021)
doa: 2022-06-30 dop: dow:

07.140 Criminalistica

CWA 17865:2022
Requirements and Guidelines for a complete end-to-end mobile forensic investigation chain
doa: dop: dow:

11.040 Echipament medical

11.040.10 Echipament pentru anestezie, respiratie si reanimare

EN ISO 10079-1:2022
Medical suction equipment - Part 1: Electrically powered suction equipment (ISO 10079-1:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

11.040.20 Echipament pentru transfuzii, perfuzii si injectii

EN ISO 8536-15:2022
Infusion equipment for medical use - Part 15: Light-protective infusion sets for single use (ISO 8536-15:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

11.040.40 Implanturi chirurgicale, proteze si orteze

EN ISO 5832-6:2022
Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy (ISO 5832-6:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

11.100 Medicina de laborator

11.100.10 Sisteme pentru încercari de diagnostic in vitro

CEN/TS 17742:2022
Molecular in vitro diagnostic examinations - Specifications for pre-examination processes for venous whole blood - Isolated circulating cell free RNA from plasma
doa: 2022-06-30 dop: dow:

13.040 Calitatea aerului

13.040.30 Aerul la locul de munca

EN ISO 23875:2022
Mining - Air quality control systems for operator enclosures - Performance requirements and test methods (ISO 23875:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.060 Calitatea apei

13.060.50 Determinarea substantelor chimice din apa

EN ISO 10304-4:2022
Water quality - Determination of dissolved anions by liquid chromatography of ions - Part 4: Determination of chlorate, chloride and chlorite in water with low contamination (ISO 10304-4:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.060.60 Determinarea proprietatilor fizice ale apei

EN ISO 13163:2022
Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.080 Calitatea solului. Pedologie

13.080.10 Proprietati chimice ale solurilor

EN ISO 10390:2022
Soil, treated biowaste and sludge - Determination of pH (ISO 10390:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.080.20 Proprietati fizice ale solurilor

EN ISO 17892-12:2018/A2:2022
Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 2 (ISO 17892-12:2018/Amd 2:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.160 Vibratii, socuri si efectele lor asupra omului

EN ISO 28927-13:2022
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools (ISO 28927-13:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.180 Ergonomie

CEN ISO/TS 9241-126:2022
Ergonomics of human-system interaction - Part 126: Guidance on the presentation of auditory information (ISO/TS 9241-126:2019)
doa: 2022-06-30 dop: dow:

EN ISO 9241-394:2022
Ergonomics of human-system interaction - Part 394: Ergonomic requirements for reducing undesirable biomedical effects of visually induced motion sickness during watching electronic images (ISO 9241-394:2020)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 9241-940:2022
Ergonomics of human-system interaction - Part 940: Evaluation of tactile and haptic interactions (ISO 9241-940:2017)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 9241-971:2022
Ergonomics of human-system interaction - Part 971: Accessibility of tactile/haptic interactive systems (ISO 9241-971:2020)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.220 Protectia contra incendiilor

13.220.20 Protectia contra incendiilor

CEN/TS 17749:2022
Fire extinguishing systems in commercial kitchens - System design, documentation, and test requirements - Fire test procedures for plenum and ducts
doa: 2022-06-30 dop: dow:

13.220.40 Comportamentul la foc si inflamabilitatea materialelor si produselor

EN ISO 8130-4:2022
Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.230 Protectia contra exploziilor

EN 17624:2022
Determination of explosion limits of gases and vapours at elevated pressures, elevated temperatures or with oxidizers other than air
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.310 Protectia împotriva crimei

EN 15602:2022
Private security services - Terminology
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 17352:2022
Power operated pedestrian entrance control equipment - Safety in use - Requirements and test methods
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

13.340 Echipament de protectie individuala

13.340.50 Echipamente de protectie pentru picior

EN ISO 20345:2022
Personal protective equipment - Safety footwear (ISO 20345:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2023-03-31

EN ISO 20346:2022
Personal protective equipment - Protective footwear (ISO 20346:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2023-03-31

EN ISO 20347:2022
Personal protective equipment - Occupational footwear (ISO 20347:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2023-03-31

17.120 Mijloace de masurare a debitului fluidelor

17.120.20 Masurarea debitului în conducte deschise

EN ISO 772:2022
Hydrometry - Vocabulary and symbols (ISO 772:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

17.240 Masurari de radiatii

EN ISO 13163:2022
Water quality - Lead-210 - Test method using liquid scintillation counting (ISO 13163:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

19.100 Încercari nedistructive

EN ISO 9712:2022
Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

21.260 Sisteme de lubrifiere

EN 15427-1-1:2022
Railway applications - Wheel/Rail friction management - Part 1-1: Equipment and Application - Flange Lubricants
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

23.040 Conducte si accesorii

23.040.70 Furtunuri flexibile

EN ISO 4671:2022
Rubber and plastics hoses and hose assemblies - Methods of measurement of the dimensions of hoses and the lengths of hose assemblies (ISO 4671:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

25.140 Unelte de mâna

25.140.10 Unelte pneumatice

EN ISO 28927-13:2022
Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools (ISO 28927-13:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

25.220 Tratamente si acoperiri de suprafata

25.220.40 Acoperiri metalice

EN ISO 2080:2022
Metallic and other inorganic coatings - Surface treatment, metallic and other inorganic coatings - Vocabulary (ISO 2080:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

25.220.60 Acoperiri organice

EN 10169:2022
Continuously organic coated (coil coated) steel flat products - Technical delivery conditions
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

27.060 Arzatoare. Boilere

27.060.30 Boilere si schimbatoare de caldura

EN 308:2022
Heat exchangers - Test procedures for establishing performance of air to air heat recovery components
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

27.075 Tehnologii referitoare la hidrogen

EN 17124:2022
Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

27.160 Energie solara

EN 12975:2022
Solar collectors - General requirements
doa: 2022-06-30 dop: 2022-09-30
dow: 2023-12-31

35.020 Tehnologia informatiei (IT) în general

CEN/TS 17699:2022
Guidelines for developing ICT Professional Curricula as scoped by EN 16234-1 (e-CF)
doa: 2022-06-30 dop: dow:

35.030 Securitatea IT

CWA 17858:2022
Guidelines for Traditional Micro-SMEs' GDPR Compliance
doa: dop: dow:

35.180 Terminale si alte echipamente periferice în tehnologia informatiei

CEN ISO/TS 9241-126:2022
Ergonomics of human-system interaction - Part 126: Guidance on the presentation of auditory information (ISO/TS 9241-126:2019)
doa: 2022-06-30 dop: dow:

EN ISO 9241-940:2022
Ergonomics of human-system interaction - Part 940: Evaluation of tactile and haptic interactions (ISO 9241-940:2017)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 9241-971:2022
Ergonomics of human-system interaction - Part 971: Accessibility of tactile/haptic interactive systems (ISO 9241-971:2020)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

35.240 Aplicatii privind tehnologia informatiei

35.240.60 Aplicatii IT în transport

CEN/TS 16157-10:2022
Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 10: Energy infrastructure publications
doa: 2022-06-30 dop: dow:

CEN/TS 16157-11:2022
Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 11: Publication of machine interpretable traffic regulations
doa: 2022-06-30 dop: dow:

35.240.63 Aplicatii IT în comert

CWA 17858:2022
Guidelines for Traditional Micro-SMEs' GDPR Compliance
doa: dop: dow:

35.240.70 Aplicatii IT în stiinta

EN ISO 19115-2:2019/A1:2022
Geographic information - Metadata - Part 2: Extensions for acquisition and processing - Amendment 1 (ISO 19115-2:2019/Amd 1:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

35.240.80 Aplicatii IT în medicina

EN ISO/IEEE 11073-40101:2022
Health informatics - Device interoperability - Part 40101: Foundational - Cybersecurity - Processes for vulnerability assessment (ISO/IEEE 11073-40101:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO/IEEE 11073-40102:2022
Health informatics - Device interoperability - Part 40102: Foundational - Cybersecurity - Capabilities for mitigation (ISO/IEEE 11073-40102:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 13972:2022
Health informatics - Clinical information models - Characteristics, structures and requirements (ISO 13972:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 27269:2022
Health informatics - International patient summary

(ISO 27269:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

45.040 Materiale si componente pentru cai ferate

EN 15427-1-1:2022
Railway applications - Wheel/Rail friction management - Part 1-1: Equipment and Application - Flange Lubricants
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

45.060 Material rulant pentru cai ferate

45.060.10 Material rulant de tractiune

EN 16186-3:2022
Railway applications - Driver's cab - Part 3: Design of displays for heavy rail vehicles
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

47.080 Nave de agrement

EN ISO 10087:2022
Small craft - Craft identification - Coding system (ISO 10087:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

49.025 Materiale pentru aeronautica

49.025.15 Aliaje neferoase în general

EN 4566:2022
Aerospace series - Heat resisting alloy CO-PH4101 (CoCr20W15N1) -Vacuum melted - Solution treated - Forgings - De = 100 mm
doa: 2022-06-30 dop: dow: 2022-09-30

49.025.40 Cauciuc si materiale plastice

EN 4717:2022
Aerospace series - Polyetheretherketone with 55 % continuous carbon fibre by volume (PEEK-CF55) - Stock shape material - Material specification
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4718:2022
Aerospace series - Polyetheretherketone with 55 % continuous glass fibre by volume (PEEK-GF55) - Stock shape material - Material specification
doa: 2022-06-30 dop: dow: 2022-09-30

49.030 Elemente de asamblare pentru industria aeronautica

49.030.01 Elemente de asamblare în general

EN 4853:2022
Aerospace series - Externally threaded fastener, 100° countersunk normal head, Spiral Drive Recess - Classification: 1 100 MPa (at ambient temperature)/425 °C
doa: 2022-06-30 dop: dow: 2022-09-30

49.030.20 Bolturi, suruburi, stifturi filetate

EN 4844:2022
Aerospace series - Screws, 100° countersunk normal head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated - Classification : 1 100 MPa (at ambient temperature) / 425 °C
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4845:2022
Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, short thread, in heat resisting steel FE-PA2601 (A286), passivated - Classification: 900 MPa (at ambient temperature)/650 °C
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4846:2022
Aerospace series - Screws, pan head, Spiral Drive Recess, threaded to head, in heat and corrosion resisting steel, passivated - Classification : 1 100 MPa (at ambient temperature) / 425 °C
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4847:2022
Aerospace series - Screw, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature)/235 °C
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4848:2022
Aerospace series - Screw, pan head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in titanium alloy, anodized, MoS2 lubricated - Classification: 1 100 MPa (at ambient temperature)/315 °C
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4849:2022
Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, close tolerance normal shank, short thread, in titanium alloy, aluminium IVD coated - Classification: 1 100 MPa

(at ambient temperature)/425 °C
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4850:2022
Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, medium length thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature)/235 °C
doa: 2022-06-30 dop: dow: 2022-09-30

EN 4851:2022
Aerospace series - Screw, 100° countersunk normal head, Spiral Drive Recess, coarse tolerance normal shank, long thread, in alloy steel, cadmium plated - Classification: 1 100 MPa (at ambient temperature)/235 °C
doa: 2022-06-30 dop: dow: 2022-09-30

49.030.30 Piulite

EN 3228:2022
Aerospace series - Nuts, hexagonal, plain, reduced height, normal across flats, in steel, cadmium plated - Classification: 900 MPa (at ambient temperature)/235 °C
doa: dop: dow: 2022-09-30

49.080 Sisteme aerospatiale pentru fluide si componentele lor

EN 3077:2022
Aerospace series - Clamps worm drive - Technical specification
doa: 2022-06-30 dop: dow: 2022-09-30

49.090 Echipamente si instrumente de bord

EN 4641-301:2022
Aerospace series - Cables, optical 125 µm diameter cladding - Part 301: Tight structure 50/125 µm GI, fibre nominal 1,8 mm, outside diameter - Product standard
doa: 2022-06-30 dop: dow: 2022-09-30

53.040 Echipamente pentru transport continuu

53.040.10 Transportoare

EN 619:2022
Continuous handling equipment and systems - Safety requirements for equipment for mechanical handling of unit loads
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

53.080 Echipament de stocare

EN 15512:2020+A1:2022
Steel static storage systems - Adjustable pallet racking systems - Principles for structural design
doa: 2022-06-30 dop: 2022-09-30 dow: 2022-09-30

53.100 Masini si utilaje pentru lucrari terasiere

EN 474-1:2022
Earth-moving machinery - Safety - Part 1: General requirements
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-10:2022
Earth-moving machinery - Safety - Part 10: Requirements for trenchers
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-11:2022
Earth-moving machinery - Safety - Part 11: Requirements for earth- and landfill compactors
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-12:2022
Earth-moving machinery - Safety - Part 12: Requirements for cable excavators
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-13:2022
Earth-moving machinery - Safety - Part 13: Requirements for rollers
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-2:2022
Earth-moving machinery - Safety - Part 2: Requirements for tractor-dozers
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-3:2022
Earth-moving machinery - Safety - Part 3: Requirements for loaders
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-4:2022
Earth-moving machinery - Safety - Part 4: Requirements for backhoe loaders
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-5:2022
Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators
doa: 2022-06-30 dop: 2022-09-30 dow: 2024-03-31

EN 474-6:2022
Earth-moving machinery - Safety - Part 6: Requirements for dumpers
doa: 2022-06-30 dop: 2022-09-30
dow: 2024-03-31

EN 474-7:2022
Earth-moving machinery - Safety - Part 7: Requirements for scrapers
doa: 2022-06-30 dop: 2022-09-30
dow: 2024-03-31

EN 474-8:2022
Earth-moving machinery - Safety - Part 8: Requirements for graders
doa: 2022-06-30 dop: 2022-09-30
dow: 2024-03-31

EN 474-9:2022
Earth-moving machinery - Safety - Part 9: Requirements for pipelayers
doa: 2022-06-30 dop: 2022-09-30
dow: 2024-03-31

59.100 Materiale pentru armarea compozitelor

59.100.10 Materiale armate cu fire de sticla

EN ISO 2078:2022
Textile glass - Yarns - Designation (ISO 2078:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

59.120 Masini pentru industria textila

59.120.01 Masini pentru industria textila în general

EN ISO 22291:2022
Safety requirements for wetlaid-nonwoven machinery (ISO 22291:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

65.060 Masini si echipamente agricole

65.060.80 Echipamente forestiere

EN ISO 11806-1:2022
Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 1: Machines fitted with an integral combustion engine (ISO 11806-1:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 11806-2:2022
Agricultural and forestry machinery - Safety requirements and testing for portable, hand-held, powered brush-cutters and grass-trimmers - Part 2: Machines for use with backpack power unit (ISO 11806-2:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 19472-2:2022
Machinery for forestry - Winches - Part 2: Traction aid winches (ISO 19472-2:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

65.080 Îngrasaminte

CEN/TS 17700-1:2022
Plant biostimulants - Claims - Part 1: General principles
doa: 2022-06-30 dop: dow:

CEN/TS 17700-2:2022
Plant biostimulants - Claims - Part 2: Nutrient use efficiency resulting from the use of a plant biostimulant
doa: 2022-06-30 dop: dow:

CEN/TS 17700-3:2022
Plant biostimulants - Claims - Part 3: Tolerance to abiotic stress resulting from the use of a plant biostimulant
doa: 2022-06-30 dop: dow:

CEN/TS 17700-4:2022
Plant biostimulants - Claims - Part 4: Determination of quality traits resulting from the use of a plant biostimulant
doa: 2022-06-30 dop: dow:

CEN/TS 17700-5:2022
Plant biostimulants - Claims - Part 5: Determination of availability of confined nutrients in the soil or rhizosphere
doa: 2022-06-30 dop: dow:

CEN/TS 17701-1:2022
Plant biostimulants - Determination of specific elements - Part 1: Digestion by aqua regia for subsequent determination of elements
doa: 2022-06-30 dop: dow:

CEN/TS 17701-2:2022
Plant biostimulants - Determination of specific elements - Part 2: Determination of total content of Cd, Pb, Ni, As, Cr, Cu and Zn
doa: 2022-06-30 dop: dow:

CEN/TS 17702-1:2022
Plant biostimulants - Sampling and sample preparation - Part 1: Sampling
doa: 2022-06-30 dop: dow:

CEN/TS 17702-2:2022
Plant biostimulants - Sampling and sample preparation - Part 2: Sample preparation
doa: 2022-06-30 dop: dow:

CEN/TS 17707:2022
Plant biostimulants - Determination of the yeast and mould content
doa: 2022-06-30 dop: dow:

CEN/TS 17708:2022
Plant biostimulants - Preparation of sample for microbial analysis
doa: 2022-06-30 dop: dow:

CEN/TS 17709:2022
Plant biostimulants - Determination of Azotobacter spp.
doa: 2022-06-30 dop: dow:

CEN/TS 17710:2022
Plant biostimulants - Detection of Listeria monocytogenes
doa: 2022-06-30 dop: dow:

CEN/TS 17711:2022
Plant biostimulants - Detection of Vibrio spp.
doa: 2022-06-30 dop: dow:

CEN/TS 17712:2022
Plant biostimulants - Detection of Staphylococcus aureus
doa: 2022-06-30 dop: dow:

CEN/TS 17713:2022
Plant biostimulants - Determination of Azospirillum spp.
doa: 2022-06-30 dop: dow:

CEN/TS 17714:2022
Plant biostimulants - Determination of microorganisms' concentration
doa: 2022-06-30 dop: dow:

CEN/TS 17715:2022
Plant biostimulants - Detection of Shigella spp.
doa: 2022-06-30 dop: dow:

CEN/TS 17716:2022
Plant biostimulants - Determination of Escherichia coli
doa: 2022-06-30 dop: dow:

CEN/TS 17717:2022
Plant biostimulants - Detection of Salmonella spp.
doa: 2022-06-30 dop: dow:

CEN/TS 17718:2022
Plant biostimulants - Determination of Rhizobium spp.
doa: 2022-06-30 dop: dow:

CEN/TS 17719:2022
Plant biostimulants - Determination of the anaerobic plate count
doa: 2022-06-30 dop: dow:

CEN/TS 17720:2022
Plant biostimulants - Determination of Enterococcaceae
doa: 2022-06-30 dop: dow:

CEN/TS 17721:2022
Plant biostimulants - Determination of the pH for liquid microbial plant biostimulants/pH in microbial products - Determination of pH
doa: 2022-06-30 dop: dow:

CEN/TS 17722:2022
Plant biostimulants - Determination of mycorrhizal fungi
doa: 2022-06-30 dop: dow:

CEN/TS 17723:2022
Plant biostimulants - Determination of chloride
doa: 2022-06-30 dop: dow:

CEN/TS 17724:2022
Plant biostimulants - Terminology
doa: 2022-06-30 dop: dow:

65.120 Nutreturi

EN 17504:2022
Animal feeding stuffs: Methods of sampling and analysis - Determination of gossypol in cotton seed and feeding stuff by LC-MS/MS
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

67.050 Metode generale de analiza pentru produse alimentare

EN 13708:2022
Foodstuffs - Detection of irradiated foodstuff containing crystalline sugar by ESR spectroscopy
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

CEN/TS 17743:2022
Foodstuff - Determination of pesticide residues by ethyl acetate extraction using GC- and LC-MS/MS (SweEt)
doa: 2022-06-30 dop: dow:

71.100 Produse din industria chimica

71.100.50 Produse chimice pentru protectia lemnului

CEN/TR 17809:2022
Durability of wood and wood-based products - Remedial treatment of wood against insects by injection
doa: dop: dow:

71.100.70 Cosmetice. Produse de toaleta

EN ISO 24444:2020/A1:2022
Cosmetics - Sun protection test methods - In vivo

determination of the sun protection factor (SPF) - Amendment 1 (ISO 24444:2019/Amd 1:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

73.020 Exploatari miniere si în cariere

EN ISO 23875:2022
Mining - Air quality control systems for operator enclosures - Performance requirements and test methods (ISO 23875:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

75.160 Combustibili

75.160.20 Combustibili lichizi

EN 590:2022
Automotive fuels - Diesel - Requirements and test methods
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 16734:2022
Automotive fuels - Automotive B10 diesel fuel - Requirements and test methods
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 17124:2022
Hydrogen fuel - Product specification and quality assurance for hydrogen refuelling points dispensing gaseous hydrogen - Proton exchange membrane (PEM) fuel cell applications for vehicles
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

75.180 Masini si utilaje pentru industria petroliera si a gazului natural

75.180.01 Masini si utilaje pentru industria petroliera si a gazului natural în general

CEN/TR 17797:2022
Gas infrastructure - Consequences of hydrogen in the gas infrastructure and identification of related standardisation need in the scope of CEN/TC 234
doa: dop: dow:

75.180.10 Masini si utilaje pentru exploatare si extractie

EN ISO 10423:2022
Petroleum and natural gas industries - Drilling and production equipment - Wellhead and tree equipment (ISO 10423:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.040 Încercarile metalelor

77.040.99 Alte metode de încercari ale metalelor

EN ISO 18203:2022
Steel - Determination of the thickness of surface-hardened layers (ISO 18203:2016)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.080 Metale feroase

77.080.01 Metale feroase în general

EN ISO 9647:2022
Steel - Determination of vanadium content - Flame atomic absorption spectrometric method (FAAS) (ISO 9647:2020)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 11652:2022
Steel and iron - Determination of cobalt content - Flame atomic absorption spectrometric method (ISO 11652:1997)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.140 Produse din otel si fonta

77.140.20 Oteluri inoxidabile

EN 10250-3:2022
Open die steel forgings for general engineering purposes - Part 3: Alloy special steels
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.140.45 Oteluri nealiate

EN 10250-2:2022
Open die steel forgings for general engineering purposes - Part 2: Non-alloy quality and special steels
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.140.50 Produse si semi-produse plate din otel

EN 10169:2022
Continuously organic coated (coil coated) steel flat products - Technical delivery conditions
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.140.85 Piese forjate

EN 10250-1:2022
Open die steel forgings for general engineering purposes - Part 1: General requirements
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 10250-2:2022
Open die steel forgings for general engineering purposes - Part 2: Non-alloy quality and special steels
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 10250-3:2022
Open die steel forgings for general engineering purposes - Part 3: Alloy special steels
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.150 Produse din metale neferoase

77.150.10 Produse din aluminiu

EN 851:2022
Aluminium and aluminium alloys - Circle and circle stock for the production of culinary utensils - Specifications
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 941:2022
Aluminium and aluminium alloys - Circle and circle stock for the production of general applications - Specifications
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 12020-1:2022
Aluminium and aluminium alloys - Extruded precision profiles in alloys EN AW-6060 and EN AW-6063 - Part 1: Technical conditions for inspection and delivery
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

77.180 Echipamente pentru industria metalurgica

EN 14753:2022
Safety of machinery - Safety requirements for machinery and equipment for continuous casting of steel
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 15061:2022
Safety of machinery - Safety requirements for strip processing line machinery and equipment
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 15093:2022
Safety of machinery - Safety requirements for hot flat rolling mills
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 17449:2022
Safety of machinery - Safety requirements to finishing lines for metal strip
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

83.080 Materiale plastice

83.080.01 Materiale plastice, în general

EN ISO 489:2022
Plastics - Determination of refractive index (ISO 489:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 3146:2022
Plastics - Determination of melting behaviour (melting temperature or melting range) of semi-crystalline polymers by capillary tube and polarizing-microscope methods (ISO 3146:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 3915:2022
Plastics - Measurement of resistivity of conductive plastics (ISO 3915:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 11357-7:2022
Plastics - Differential scanning calorimetry (DSC) - Part 7: Determination of crystallization kinetics (ISO 11357-7:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

83.140 Produse din cauciuc si materiale plastice

83.140.10 Filme si folii

EN ISO 15013:2022
Plastics - Extruded sheets of polypropylene (PP) - Requirements and test methods (ISO 15013:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

83.140.40 Furtunuri flexibile

EN ISO 4671:2022
Rubber and plastics hoses and hose assemblies - Methods of measurement of the dimensions of hoses and the lengths of hose assemblies (ISO 4671:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

85.040 Celuloze

EN ISO 638-2:2022
Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 2: Suspensions of cellulosic

nanomaterials (ISO 638-2:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

85.060 Hârtie si carton

EN ISO 638-2:2022
Paper, board, pulps and cellulosic nanomaterials - Determination of dry matter content by oven-drying method - Part 2: Suspensions of cellulosic nanomaterials (ISO 638-2:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

87.040 Vopsele si emailuri

EN ISO 8130-4:2022
Coating powders - Part 4: Calculation of lower explosion limit (ISO 8130-4:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 15457:2022
Paints and varnishes - Laboratory method for testing the efficacy of film preservatives in a coating against fungi
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 15458:2022
Paints and varnishes - Laboratory method for testing the efficacy of film preservatives in a coating against algae
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN ISO 16925:2022
Paints and varnishes - Determination of the resistance of coatings to pressure water-jetting (ISO 16925:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

87.060 Ingrediente pentru vopsele

87.060.10 Pigmenti si materiale de umplutura

EN ISO 788:2022
Ultramarine pigments (ISO 788:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

91.010 Constructii civile în general

91.010.99 Alte aspecte

EN 16908:2017+A1:2022
Cement and building lime - Environmental product declarations - Product category rules complementary to EN 15804
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

91.100 Materiale de constructii

91.100.10 Ciment. Ipsos. Var. Mortar

EN 16908:2017+A1:2022
Cement and building lime - Environmental product declarations - Product category rules complementary to EN 15804
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

91.100.15 Materiale si produse minerale

EN 12372:2022
Natural stone test methods - Determination of flexural strength under concentrated load
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

91.100.40 Produse de ciment armate cu fibre

EN 17468-2:2022
Fibre-cement products - Determination of pull through and shear resistance and bending strength calculations - Part 2: Profiled sheets
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

91.120 Protectia exterioara si interioara a cladirilor

91.120.10 Izolatie termica

CEN ISO/TR 52120-2:2022
Energy performance of buildings - Contribution of building automation, controls and building management - Part 2: Explanation and justification of ISO 52120-1 (ISO/TR 52120-2:2021)
doa: dop: dow:

EN ISO 52120-1:2022
Energy performance of buildings - Contribution of building automation, controls and building management - Part 1: General framework and procedures (ISO 52120-1:2021)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

91.220 Masini si utilaje pentru constructii

EN 74-1:2022
Couplers, spigot pins and baseplates for use in falsework and scaffolds - Part 1: Couplers for tubes - Requirements and test procedures
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

EN 74-2:2022
Couplers, spigot pins and baseplates for use in falsework and scaffolds - Part 2: Special couplers - Requirements and test procedures

doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

93.020 Lucrari de terasament. Excavatii. Fundatii. Lucrari subterane

EN ISO 17892-12:2018/A2:2022
Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 2 (ISO 17892-12:2018/Amd 2:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

93.030 Sisteme de canalizare externe

EN 16933-1:2022
Drain and sewer systems outside buildings - Design - Part 1: Layout principles
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

97.140 Mobila

CEN/TS 16209:2022
Furniture - Classification for properties for furniture surfaces
doa: 2022-06-30 dop: dow:

97.170 Echipamente pentru îngrijirea corpului

EN ISO 20126:2022
Dentistry - Manual toothbrushes - General requirements and test methods (ISO 20126:2022)
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

97.220 Echipamente si instalatii sportive

97.220.10 Instalatii sportive

EN 17467:2022
Surfaces for sports areas - Test method for the determination of the residual deformation of synthetic or organic infill granules after static load
doa: 2022-06-30 dop: 2022-09-30
dow: 2022-09-30

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*În perioada **2022.03.01** – **2022.03.31***

CEN/CLC Guide 39:2022
The role of standards in support of Technology Transfer
doa: dop: dow:

13.110 Securitatea masinilor si aparatelor

EN 60825-1:2014/A11:2021/AC:2022-03
Safety of laser products - Part 1: Equipment classification and requirements
doa: dop: dow:

17.140 Acustica si masurari acustice

17.140.20 Zgomot emis de masini si echipamente

EN IEC 60704-2-18:2022
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-18: Particular requirements for electric water heaters
doa: 2022-06-03 dop: 2022-12-03
dow: 2025-03-03

17.140.50 Electroacustica

EN 61094-2:2009/A1:2022
Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique
doa: 2022-06-11 dop: 2022-12-11
dow: 2025-03-11

17.200 Termodinamica si masurari de temperatura

17.200.20 Instrumente de masurare a temperaturii

EN IEC 60751:2022
Industrial platinum resistance thermometers and platinum temperature sensors
doa: 2022-06-03 dop: 2022-12-03
dow: 2025-03-03

25.040 Sisteme de automatizare industriala

25.040.40 Masurarea si controlul proceselor industriale

EN IEC 62264-6:2022
Enterprise-control system integration - Part 6: Messaging service model
doa: 2022-06-11 dop: 2022-09-11
dow: 2025-03-11

27.015 Eficienta energetica. Economii de energie în general

EN IEC 62872-2:2022
Industrial-process measurement, control and automation - Part 2: Internet of Things (IoT) - Application framework for industrial facility demand response energy management
doa: 2022-06-15 dop: 2022-12-15
dow: 2025-03-15

27.070 Pile cu combustibil

EN 62282-3-201:2017/A1:2022
Fuel cell technologies - Part 3-201: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems
doa: 2022-06-10 dop: 2022-12-10
dow: 2025-03-10

29.120 Accesorii electrice

29.120.50 Sigurante fuzibile si alte aparate de protectie la scurtcircuit

EN 50522:2022
Earthing of power installations exceeding 1 kV a.c.
doa: 2022-07-10 dop: 2023-01-10
dow: 2025-01-10

29.140 Lampi si accesorii

29.140.99 Alte standarde referitoare la lampi

EN IEC 62442-1:2022
Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of controlgear
doa: 2022-06-16 dop: 2022-12-16
dow: 2025-03-16

EN IEC 62442-2:2022
Energy performance of lamp controlgear - Part 2: Controlgear for discharge lamps (excluding low-pressure mercury fluorescent lamps) - Method of measurement to determine the efficiency of controlgear
doa: 2022-06-16 dop: 2022-12-16
dow: 2025-03-16

EN IEC 62442-3:2022
Energy performance of lamp controlgear - Part 3: Controlgear for tungsten-halogen lamps and LED light sources - Method of measurement to determine the efficiency of controlgear
doa: 2022-06-17 dop: 2022-12-17
dow: 2025-03-17

29.160 Masini electrice rotative

29.160.01 Masini electrice rotative în general

EN IEC 60034-18-32:2022
Rotating electrical machines - Part 18-32: Functional evaluation of insulation systems (Type II) - Electrical endurance qualification procedures for form-wound windings
doa: 2022-06-01 dop: 2022-12-01
dow: 2025-03-01

EN IEC 60034-33:2022
Rotating electrical machines - Part 33: Synchronous hydrogenerators including motor-generators - Specific requirements
doa: 2022-06-04 dop: 2022-12-04
dow: 2025-03-04

EN IEC 60034-7:2022
Rotating electrical machines - Part 7: Classification of types of construction, mounting arrangements and terminal box position (IM Code)
doa: 2022-05-23 dop: 2022-11-23
dow: 2025-02-23

29.160.20 Generatoare

EN IEC 60034-33:2022
Rotating electrical machines - Part 33: Synchronous hydrogenerators including motor-generators - Specific requirements
doa: 2022-06-04 dop: 2022-12-04
dow: 2025-03-04

29.240 Retele de transport si distributie a energiei electrice

29.240.20 Linii de transport si distributie a energiei electrice

EN 50341-2-22:2022
Overhead electrical lines exceeding AC 1 kV - Part 2-22: National Normative Aspects (NNA) for Poland (based on EN 50341-1:2012)
doa: 2022-07-12 dop: 2023-01-12
dow: 2025-01-12

29.280 Echipament pentru tractiune electrica

EN 50318:2018/A1:2022
Railway applications - Current collection systems - Validation of simulation of the dynamic interaction between pantograph and overhead contact line
doa: 2022-07-10 dop: 2023-01-10
dow: 2025-01-10

31.080 Dispozitive cu semiconductoare

31.080.99 Alte dispozitive cu semiconductoare

EN IEC 63373:2022
Dynamic on-resistance test method guidelines for

GaN HEMT based power conversion devices
doa: 2022-06-17 dop: 2022-12-17
dow: 2025-03-17

31.180 Placi si circuite imprimate

EN IEC 61189-2-501:2022
Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2-501: Test methods for materials for interconnection structures - Measurement of resilience strength and resilience strength retention factor of flexible dielectric materials
doa: 2022-06-10 dop: 2022-12-10
dow: 2025-03-10

31.220 Componente electromecanice pentru echipamente electronice si de telecomunicatii

31.220.10 Fise. Conectoare

EN IEC 60512-99-002:2022
Connectors for electrical and electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for unmating under electrical load
doa: 2022-06-04 dop: 2022-12-04
dow: 2025-03-04

31.260 Optoelectronica. Aparate cu laser

EN 60825-1:2014/A11:2021/AC:2022-03
Safety of laser products - Part 1: Equipment classification and requirements
doa: dop: dow:

33.060 Radiocomunicatii

33.060.40 Sisteme de distributie prin cablu

EN IEC 60728-115:2022
Cable networks for television signals, sound signals and interactive services - Part 115: In-building optical systems for broadcast signal transmissions
doa: 2022-06-10 dop: 2022-12-10
dow: 2025-03-10

33.120 Componente si accesorii pentru echipament de telecomunicatii

33.120.10 Cabluri coaxiale. Ghiduri de unda

EN IEC 61169-1-5:2022
Radio frequency connectors - Part 1-5: Electrical test methods - Rise time degradation
doa: 2022-06-10 dop: 2022-12-10
dow: 2025-03-10

33.160 Tehnici audio, video si audiovizuale

33.160.01 Tehnici audio, video si audiovizuale în general

EN IEC 60728-115:2022
Cable networks for television signals, sound signals and interactive services - Part 115: In-building optical systems for broadcast signal transmissions
doa: 2022-06-10 dop: 2022-12-10
dow: 2025-03-10

33.160.99 Alte echipamente audio si video

EN IEC 63246-2:2022
Configurable car infotainment services (CCIS) - Part 2: Requirements
doa: 2022-06-03 dop: 2022-12-03
dow: 2025-03-03

33.180 Comunicatii prin fibra optica

33.180.01 Sisteme cu fibra optica în general

EN IEC 60728-115:2022
Cable networks for television signals, sound signals and interactive services - Part 115: In-building optical systems for broadcast signal transmissions
doa: 2022-06-10 dop: 2022-12-10
dow: 2025-03-10

33.180.10 Fibre optice si cabluri

EN IEC 60793-2-10:2019/A1:2022
Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres
doa: 2022-06-03 dop: 2022-12-03
dow: 2025-03-03

EN IEC 60794-1-404:2022
Optical fibre cables - Part 1-404: Generic specification - Basic optical cable test procedures - Electrical test methods - Current-temperature test, method H4
doa: 2022-06-17 dop: 2022-12-17
dow: 2025-03-17

33.180.20 Dispozitive de interconectare prin fibre optice

EN IEC 61300-2-46:2019/AC:2022-03
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-46: Tests - Damp heat, cyclic
doa: dop: dow:

EN IEC 61300-3-33:2022
Fibre optic interconnecting devices and passive

components - Basic test and measurement procedures - Part 3-33: Examinations and measurements - Withdrawal force from a resilient alignment sleeve using pin gauges
doa: 2022-06-04 dop: 2022-12-04
dow: 2023-03-04

EN IEC 62150-6:2022
Fibre optic active components and devices - Test and measurement procedures - Part 6: Universal mezzanine boards for test and measurement of photonic devices
doa: 2022-06-04 dop: 2022-12-04
dow: 2025-03-04

35.020 Tehnologia informatiei (IT) în general

EN IEC 62872-2:2022
Industrial-process measurement, control and automation - Part 2: Internet of Things (IoT) - Application framework for industrial facility demand response energy management
doa: 2022-06-15 dop: 2022-12-15
dow: 2025-03-15

35.100 Interconexiunea sistemelor deschise (OSI)

35.100.70 Strat aplicare

EN IEC 62264-6:2022
Enterprise-control system integration - Part 6: Messaging service model
doa: 2022-06-11 dop: 2022-09-11
dow: 2025-03-11

43.040 Sisteme pentru vehicule rutiere

43.040.15 Informatica pentru autovehicule. Sisteme informatice de bord

EN IEC 63246-2:2022
Configurable car infotainment services (CCIS) - Part 2: Requirements
doa: 2022-06-03 dop: 2022-12-03
dow: 2025-03-03

97.100 Aparate de încalzit de uz casnic, industrial si comercial

97.100.10 Aparate de încalzit electrice

EN IEC 60704-2-18:2022
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-18: Particular requirements for electric water heaters
doa: 2022-06-03 dop: 2022-12-03
dow: 2025-03-03

97.120 Comenzi automate de uz casnic

EN 60730-1:2016/A2:2022
Automatic electrical controls - Part 1: General requirements
doa: 2022-05-23 dop: 2022-11-23
dow:

97.180 Echipamente menajere si comerciale diverse

EN IEC 60335-2-82:2022
Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines
doa: 2022-06-25 dop: 2022-09-25
dow: 2025-03-25

97.200 Echipamente pentru distractii

97.200.40 Suprafete pentru joc

EN IEC 60335-2-82:2022
Household and similar electrical appliances - Safety - Part 2-82: Particular requirements for amusement machines and personal service machines
doa: 2022-06-25 dop: 2022-09-25
dow: 2025-03-25

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*În perioada **2022.03.01 – 2022.03.31***

GS MEC 003 V3.1.1:2022
Comitet Tehnic ETSI: MEC
Multi-access Edge Computing (MEC); Framework and Reference Architecture

GS F5G 005 V1.1.1:2022
Comitet Tehnic ETSI: F5G
Fifth Generation Fixed Network (F5G) F5G High-Quality Service Experience Factors Release#1

GR SAI 006 V1.1.1:2022
Comitet Tehnic ETSI: SAI
Securing Artificial Intelligence (SAI); The role of hardware in security of AI

GS NFV-SOL 006 V3.6.1:2022

Comitet Tehnic ETSI: NFV SOL
Network Functions Virtualisation (NFV) Release 3; Protocols and Data Models; NFV descriptors based on YANG Specification

GR CIM 007 V1.1.1:2022
Comitet Tehnic ETSI: CIM
Context Information Management (CIM); Security and Privacy

GR CIM 007 V1.1.2:2022
Comitet Tehnic ETSI: CIM
Context Information Management (CIM); Security and Privacy

GR ENI 012 V1.1.1:2022
Comitet Tehnic ETSI: ENI
Experiential Networked Intelligence (ENI); Reactive In-situ Flow Information Telemetry

GS mWT 024 V1.1.1:2022
Comitet Tehnic ETSI: mWT
millimetre Wave Transmission (mWT); Definition of a Wireless Transport Profile for Standard SDN Northbound Interfaces

SR 000 314 V2.31.1:2022
Comitet Tehnic ETSI: BOARD
Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards

TS 102 232-1 V3.26.1:2022
Comitet Tehnic ETSI: LI
Lawful Interception (LI); Handover Interface and Service-Specific Details (SSD) for IP delivery; Part 1: Handover specification for IP delivery

TS 102 232-7 V3.11.1:2022
Comitet Tehnic ETSI: LI
Lawful Interception (LI); Handover Interface and Service-Specific Details (SSD) for IP delivery; Part 7: Service-specific details for Mobile Services

TS 102 384 V10.4.0:2022
Comitet Tehnic ETSI: SET TEST
Smart Cards; UICC-Terminal interface; Card Application Toolkit (CAT) conformance specification (Release 10)

TS 102 384 V11.0.0:2022
Comitet Tehnic ETSI: SET TEST
Smart Cards; UICC-Terminal interface; Card Application Toolkit (CAT) conformance specification (Release 11)

TS 102 870-1 V1.2.1:2022
Comitet Tehnic ETSI: ITS WG3
Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking Basic Transport Protocol (BTP); Part 1: Test requirements and Protocol Implementation Conformance Statement (PICS) pro forma

TS 102 870-2 V1.2.1:2022
Comitet Tehnic ETSI: ITS WG3
Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking Basic Transport Protocol (BTP); Part 2: Test Suite Structure and Test Purposes (TSS&TP)

TS 102 870-3 V1.2.1:2022
Comitet Tehnic ETSI: ITS WG3
Intelligent Transport Systems (ITS); Testing; Conformance test specifications for Geonetworking Basic Transport Protocol (BTP); Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)

TS 102 871-1 V1.5.1:2022
Comitet Tehnic ETSI: ITS WG3
Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking; Part 1: Test requirements and Protocol Implementation Conformance Statement (PICS) pro forma

TS 102 871-2 V1.5.1:2022
Comitet Tehnic ETSI: ITS WG3
Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking; Part 2: Test Suite Structure and Test Purposes (TSS & TP)

TS 102 871-3 V1.5.1:2022
Comitet Tehnic ETSI: ITS WG3
Intelligent Transport Systems (ITS); Testing; Conformance test specifications for GeoNetworking; Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)

TR 103 099 V1.5.1:2022
Comitet Tehnic ETSI: ITS
Intelligent Transport Systems (ITS); Architecture of conformance validation framework

TR 103 119 V1.3.1:2022
Comitet Tehnic ETSI: MTS
Methods for Testing and Specification (MTS); The Test Description Language (TDL); Reference Implementation

TS 103 120 V1.11.1:2022
Comitet Tehnic ETSI: LI
Lawful Interception (LI); Interface for warrant information

TS 103 221-1 V1.11.1:2022
Comitet Tehnic ETSI: LI
Lawful Interception (LI); Internal Network Interfaces; Part 1: X1

TS 103 221-2 V1.6.1:2022
Comitet Tehnic ETSI: LI
Lawful Interception (LI); Internal Network Interfaces; Part 2: X2/X3

TS 103 224 V1.6.1:2022
Comitet Tehnic ETSI: STQ
Speech and multimedia Transmission Quality (STQ); A sound field reproduction method for terminal testing including a background noise database

TS 103 523-2 V1.2.1:2022
Comitet Tehnic ETSI: CYBER
CYBER; Middlebox Security Protocol; Part 2: Transport layer MSP, profile for fine grained access control

TR 103 621 V1.1.1:2022
Comitet Tehnic ETSI: CYBER
Guide to Cyber Security for Consumer Internet of Things

TS 103 640 V1.2.1:2022
Comitet Tehnic ETSI: STQ
Speech and multimedia Transmission Quality (STQ); Test Methods and Performance Requirements for Active Noise Cancellation Headsets and other Earphones

TS 103 707 V1.5.1:2022
Comitet Tehnic ETSI: LI
Lawful Interception (LI); Handover for messaging services over HTTP/XML

TR 103 719 V1.1.1:2022
Comitet Tehnic ETSI: CYBER
Guide to Identity-Based Cryptography

TR 103 733 V1.1.1:2022
Comitet Tehnic ETSI: STQ MOBILE
Speech and multimedia Transmission Quality (STQ); Best practices of testing the performance of web content delivery

TS 103 848 V1.1.1:2022
Comitet Tehnic ETSI: CYBER
Cyber Security for Home Gateways; Security Requirements as vertical from Consumer Internet of Things

TR 103 854 V1.1.1:2022
Comitet Tehnic ETSI: LI
LEA support services; Interfaces for Lawful Disclosure of vehicle-related data: scenarios, examples and recommendations

TS 123 003 V16.9.0:2022
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Numbering, addressing and identification (3GPP TS 23.003 version 16.9.0 Release 16)

TS 123 122 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 16.12.0 Release 16)

TS 123 216 V16.6.0:2022
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 16.6.0 Release 16)

TS 123 228 V12.11.0:2022
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Stage 2 (3GPP TS 23.228 version 12.11.0 Release 12)

TS 123 228 V13.9.0:2022
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Stage 2 (3GPP TS 23.228 version 13.9.0 Release 13)

TS 123 283 V16.7.0:2022
Comitet Tehnic ETSI: 3GPP SA
LTE; Mission Critical Communication Interworking with Land Mobile Radio Systems (3GPP TS 23.283 version 16.7.0 Release 16)

TS 123 501 V15.13.0:2022
Comitet Tehnic ETSI: 3GPP SA
5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 15.13.0 Release 15)

TS 123 501 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP SA
5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.12.0 Release 16)

TS 123 502 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP SA
5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.12.0 Release 16)

TS 124 080 V16.5.0:2022
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile radio interface layer 3 supplementary services specification; Formats and coding (3GPP TS 24.080 version

16.5.0 Release 16)

TS 124 484 V13.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 13.11.0 Release 13)

TS 124 484 V14.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 14.11.0 Release 14)

TS 124 484 V15.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 15.10.0 Release 15)

TS 124 484 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 16.10.0 Release 16)

TS 124 581 V15.7.0:2022
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Video (MCVideo) media plane control; Protocol specification (3GPP TS 24.581 version 15.7.0 Release 15)

TS 126 445 V12.15.0:2022
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Detailed algorithmic description (3GPP TS 26.445 version 12.15.0 Release 12)

TS 126 445 V16.2.0:2022
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Detailed algorithmic description (3GPP TS 26.445 version 16.2.0 Release 16)

TS 128 552 V16.13.0:2022
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; 5G performance measurements (3GPP TS 28.552 version 16.13.0 Release 16)

TS 128 554 V16.9.0:2022
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 16.9.0 Release 16)

TS 128 622 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.622 version 16.11.0 Release 16)

TS 129 122 V15.13.0:2022
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.13.0 Release 15)

TS 129 122 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; T8 reference point for Northbound APIs (3GPP TS 29.122 version 16.12.0 Release 16)

TS 129 128 V16.5.0:2022
Comitet Tehnic ETSI: 3GPP CT
LTE; Universal Mobile Telecommunications System (UMTS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) interfaces for interworking with packet data networks and applications (3GPP TS 29.128 version 16.5.0 Release 16)

TS 129 172 V16.1.0:2022
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME); SLg interface (3GPP TS 29.172 version 16.1.0 Release 16)

TS 129 214 V16.7.0:2022
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Policy and charging control over Rx reference point (3GPP TS 29.214 version 16.7.0 Release 16)

TS 129 222 V15.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; LTE; Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 15.10.0 Release 15)

TS 129 222 V16.8.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; LTE; Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 16.8.0 Release 16)

TS 129 274 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane

(GTPv2-C); Stage 3 (3GPP TS 29.274 version 16.11.0 Release 16)

TS 129 500 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Technical Realization of Service Based Architecture; Stage 3 (3GPP TS 29.500 version 16.11.0 Release 16)

TS 129 502 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 16.11.0 Release 16)

TS 129 503 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 16.11.0 Release 16)

TS 129 504 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Unified Data Repository Services; Stage 3 (3GPP TS 29.504 version 16.11.0 Release 16)

TS 129 505 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3 (3GPP TS 29.505 version 16.10.0 Release 16)

TS 129 507 V15.9.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Access and Mobility Policy Control Service; Stage 3 (3GPP TS 29.507 version 15.9.0 Release 15)

TS 129 508 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Event Exposure Service; Stage 3 (3GPP TS 29.508 version 16.11.0 Release 16)

TS 129 509 V16.9.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 16.9.0 Release 16)

TS 129 510 V15.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 15.10.0 Release 15)

TS 129 510 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 16.11.0 Release 16)

TS 129 512 V15.13.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Policy Control Service; Stage 3 (3GPP TS 29.512 version 15.13.0 Release 15)

TS 129 512 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Policy Control Service; Stage 3 (3GPP TS 29.512 version 16.12.0 Release 16)

TS 129 514 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Policy Authorization Service; Stage 3 (3GPP TS 29.514 version 16.12.0 Release 16)

TS 129 518 V15.13.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 15.13.0 Release 15)

TS 129 518 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 16.11.0 Release 16)

TS 129 519 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure; Stage 3 (3GPP TS 29.519 version 16.10.0 Release 16)

TS 129 520 V16.10.1:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Data Analytics Services; Stage 3 (3GPP TS 29.520 version 16.10.1 Release 16)

TS 129 520 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Data Analytics Services; Stage 3 (3GPP TS 29.520 version 16.11.0 Release 16)

TS 129 521 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Binding Support Management Service; Stage 3 (3GPP TS 29.521 version 16.10.0 Release 16)

TS 129 522 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 16.10.0 Release 16)

TS 136 104 V14.11.0:2022
Comitet Tehnic ETSI: 3GPP RAN

LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 14.11.0 Release 14)

TS 136 104 V15.14.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 15.14.0 Release 15)

TS 136 104 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 16.12.0 Release 16)

TS 136 124 V15.3.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 15.3.0 Release 15)

TS 136 124 V16.2.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 16.2.0 Release 16)

TS 136 141 V14.14.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 14.14.0 Release 14)

TS 136 141 V15.15.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 15.15.0 Release 15)

TS 136 141 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 16.12.0 Release 16)

TS 136 171 V16.4.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 16.4.0 Release 16)

TS 136 213 V16.8.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 16.8.0 Release 16)

TS 136 523-1 V16.11.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 16.11.0 Release 16)

TS 136 579-1 V15.4.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 1: Common test environment (3GPP TS 36.579-1 version 15.4.0 Release 15)

TS 136 579-2 V15.2.0:2022
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 15.2.0 Release 15)

TS 137 104 V14.8.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 14.8.0 Release 14)

TS 137 104 V15.15.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 15.15.0 Release 15)

TS 137 104 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 16.12.0 Release 16)

TS 137 105 V14.8.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 14.8.0 Release 14)

TS 137 105 V15.15.0:2022

Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.15.0 Release 15)

TS 137 105 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 16.10.0 Release 16)

TS 137 141 V14.14.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 14.14.0 Release 14)

TS 137 141 V15.16.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 15.16.0 Release 15)

TS 137 141 V16.12.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 16.12.0 Release 16)

TS 137 145-1 V14.11.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 14.11.0 Release 14)

TS 137 145-1 V15.12.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 15.12.0 Release 15)

TS 137 145-1 V16.9.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 16.9.0 Release 16)

TS 137 145-2 V15.13.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145-2 version 15.13.0 Release 15)

TS 137 145-2 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145-2 version 16.10.0 Release 16)

TR 137 941 V16.4.0:2022
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Radio Frequency (RF) conformance testing background for radiated Base Station (BS) requirements (3GPP TR 37.941 version 16.4.0 Release 16)

TS 138 101-2 V15.16.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 101-3 V15.16.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 101-3 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 101-4 V15.12.0:2022
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 15.12.0 Release 15)

TS 138 101-4 V16.7.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 104 V15.16.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 104 V16.10.0:2022

Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.10.0 Release 16)

TS 138 141-1 V15.11.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 141-1 V16.10.0:2022
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.10.0 Release 16)

TS 138 141-2 V15.12.0:2022
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5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.12.0 Release 15)

TS 138 141-2 V16.10.0:2022
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TS 138 171 V16.3.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 174 V16.5.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 176-1 V16.2.0:2022
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 16.2.0 Release 16)

TS 138 176-2 V16.2.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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TS 138 307 V16.9.0:2022
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.9.0 Release 16)

TS 151 010-1 V13.12.0:2022
Comitet Tehnic ETSI: 3GPP RAN
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EN 300 175-1 V2.9.1:2022
Comitet Tehnic ETSI: DECT
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EN 300 175-2 V2.9.1:2022
Comitet Tehnic ETSI: DECT
Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL)

EN 300 175-3 V2.9.1:2022
Comitet Tehnic ETSI: DECT
Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer

EN 300 175-4 V2.9.1:2022
Comitet Tehnic ETSI: DECT
Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer

EN 300 175-5 V2.9.1:2022
Comitet Tehnic ETSI: DECT
Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer

EN 300 175-6 V2.9.1:2022
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Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing

EN 300 175-7 V2.9.1:2022
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Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features

EN 300 175-8 V2.9.1:2022
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EN 300 674-2-1 V3.1.1:2022
Comitet Tehnic ETSI: ERM TG37
Transport and Traffic Telematics (TTT); Dedicated Short Range Communication (DSRC) transmission equipment (500 kbit/s / 250 kbit/s) operating in the 5 795 MHz to 5 815 MHz frequency band; Part 2: Harmonised Standard for access to radio spectrum; Sub-part 1: Road Side Units (RSU)

EN 301 598 V2.2.1:2022

Comitet Tehnic ETSI: BRAN
TV White Space Devices (TVWSD); Wireless Access Systems operating in the 470 MHz to 694 MHz TV broadcast band; Harmonised Standard for access to radio spectrum

EN 303 105-1 V1.1.1:2022
Comitet Tehnic ETSI: BROADCAS
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EN 303 105-2 V1.1.1:2022
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EN 303 105-3 V1.1.1:2022
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EN 303 105-4 V1.1.1:2022
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Digital Video Broadcasting (DVB); Next Generation broadcasting system to Handheld, physical layer specification (DVB-NGH); Part 4: Hybrid MIMO Profile

EN 303 722 V1.2.1:2022
Comitet Tehnic ETSI: BRAN
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PROIECTE DE STANDARDE / DOCUMENTE DE STANDARDIZARE EUROPENE CEN SUPUSE ANCHETEI PUBLICE

*În perioada **2022.03.01** – **2022.03.31***

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Aerospace series - Bolt, External Spiral Drive, flange head, tension and shear application
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dea: 2022-06-09

FprCEN/TR 17862
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dea: 2022-06-23

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dea: 2022-06-06

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dea: 2022-06-23

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03.100.70 Sisteme de management

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Assistive products for tissue integrity when lying down - Part 1: General requirements (ISO/FDIS 20342-1:2022)
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prEN ISO 14002-2
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prEN 15348
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FprCEN/TR 17856
Measurement of the coating properties of non-oriented electrical steel
dea: 2022-06-09

77.140.75 Tevi si tuburi din otel pentru utilizari speciale

prEN 10305-3
Steel tubes for precision applications - Technical delivery conditions - Part 3: Welded cold sized tubes
dea: 2022-06-23

83.080 Materiale plastice

83.080.01 Materiale plastice, în general

prEN 15347
Plastics - Recycled plastics - Characterisation of sorted plastics wastes
dea: 2022-06-09

83.080.20 Materiale termoplastice

prEN ISO 1133-1
Plastics - Determination of the melt mass-flow rate (MFR) and melt volume-flow rate (MVR) of thermoplastics - Part 1: Standard method (ISO/FDIS 1133-1:2022)
dea: 2022-05-24

prEN 15348
Plastics - Recycled plastics - Characterization of poly(ethylene terephthalate) (PET) recyclates
dea: 2022-06-09

85.060 Hârtie si carton

FprCEN/TS 17830
Paper and board - Guidance on the application of

Term 2.2 “Prohibited materials” of EN 643:2014
dea: 2022-06-23

87.040 Vopsele si emailuri

prEN ISO 3679
Determination of flash point – Method for flash no-flash and flash point by small scale closed cup tester (ISO/DIS 3679:2022)
dea: 2022-06-22

prEN ISO 4618
Paints and varnishes - Vocabulary (ISO/DIS 4618:2022)
dea: 2022-06-06

87.060 Ingrediente pentru vopsele

87.060.20 Lianti

prEN ISO 7142
Binders for paints and varnishes - Epoxy resins - General methods of test (ISO/DIS 7142:2022)
dea: 2022-06-06

91.010 Constructii civile în general

91.010.30 Aspecte tehnice referitoare la constructii

prEN 1993-1-13
Eurocode 3 - Design of steel structures - Part 1-13: Rules for beams with large web openings
dea: 2022-06-23

prEN 1993-1-2
Eurocode 3: Design of steel structures - Part 1-2: General rules - Structural fire design
dea: 2022-06-23

prEN 1993-1-3
Eurocode 3 - Design of steel structures - Part 1-3: General rules - Supplementary rules for cold-formed members and sheeting
dea: 2022-06-23

prEN 1993-1-5
Eurocode 3 - Design of steel structures - Part 1-5: Plated structural elements
dea: 2022-06-23

91.060 Elemente ale constructiilor

91.060.10 Ziduri. Pereti despartitori. Fatade

prEN 12152
Curtain walling - Air permeability - Performance requirements and classification
dea: 2022-06-23

prEN 12153
Curtain walling - Air permeability - Test method
dea: 2022-06-23

91.080 Structuri de constructii

91.080.13 Structuri de otel

prEN 1993-1-13
Eurocode 3 - Design of steel structures - Part 1-13: Rules for beams with large web openings
dea: 2022-06-23

prEN 1993-1-2
Eurocode 3: Design of steel structures - Part 1-2: General rules - Structural fire design
dea: 2022-06-23

prEN 1993-1-3
Eurocode 3 - Design of steel structures - Part 1-3: General rules - Supplementary rules for cold-formed members and sheeting
dea: 2022-06-23

prEN 1993-1-5
Eurocode 3 - Design of steel structures - Part 1-5: Plated structural elements
dea: 2022-06-23

91.090 Structuri exterioare

prEN 13241
Industrial, commercial, garage doors and gates - Product standard, performance characteristics
dea: 2022-06-09

91.120 Protectia exterioara si interioara a cladirilor

91.120.01 Protectia exterioara si interioara a cladirilor în general

prEN 15026
Hygrothermal performance of building components and building elements - Assessment of moisture transfer by numerical simulation
dea: 2022-06-09

91.140 Instalatii în cladiri

91.140.10 Sisteme de încalzire centrale

prEN 15316-4-2
Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 4-2: Space heating generation systems, heat pump systems, Module M3-8-2, M8-8-2
dea: 2022-05-26

prEN 15316-5
Energy performance of buildings - Method for calculation of system energy requirements and

system efficiencies - Part 5: Space heating and DHW storage systems (not cooling), Module M3-7, M8-7
dea: 2022-05-22

91.140.30 Ventilatie si climatizare

prEN 12309-3
Gas-fired sorption appliances for heating and/or cooling with a net heat input not exceeding 70 kW - Part 3: Requirements, test conditions and test methods
dea: 2022-06-23

91.140.65 Aparate de încalzire a apei

prEN 15316-5
Energy performance of buildings - Method for calculation of system energy requirements and system efficiencies - Part 5: Space heating and DHW storage systems (not cooling), Module M3-7, M8-7
dea: 2022-05-22

91.140.70 Instalatii sanitare

prEN 15091
Sanitary tapware - Electronic opening and closing sanitary tapware
dea: 2022-06-09

97.040 Echipament de bucatarie

97.040.20 Aragaze, aparate de încalzire, cuptoare si aparate similare

prEN 30-2-1
Domestic cooking appliances burning gas - Part 2-1: Rational use of energy - General
dea: 2022-06-09

prEN 484
Specification for dedicated liquefied petroleum gas appliances - Independent stoves, including those incorporating a grill for outdoor use
dea: 2022-06-09

97.150 Acoperitoare de sol

prEN ISO 11638
Resilient floor coverings - Heterogeneous poly(vinyl chloride) flooring on foam - Specification (ISO 11638:2020, including corrected version 2021-09)
dea: 2022-06-16

FprCEN/TR 17849
Resilient, textile, laminate and modular mechanical locked floor coverings - Guidance on how to implement EN 14041:2004/AC:2006 under the Construction Products Regulation EU 305/2011 (CPR)
dea: 2022-06-02

97.190 Echipamente pentru copii

prEN 17826
Child care articles - Chemical hazards - Requirements and test methods
dea: 2022-06-09

CENELEC PROIECTE DE STANDARDE / DOCUMENTE DE STANDARDIZARE EUROPENE CENELEC SUPUSE ANCHETEI PUBLICE

*În perioada **2022.03.01** – **2022.03.31***

Proiectele de standarde de mai jos sunt supuse anchetei publice. Asupra acestor proiecte poate face observaţii orice persoană fizică sau juridică, la adresa asro@asro.ro. Proiectele pot fi obţinute de la ASRO precizând indicativul şi 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 50110-1
Operation of electrical installations - Part 1: General requirements
dea: 2022-06-10

prEN IEC 61010-2-203:2022
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-203: Particular requirements for industrial communication circuits and communication port interconnection
dea: 2022-06-10

prEN IEC 61784-5-22:2022
Industrial communication networks - Profiles - Part 5-22: Installation of fieldbuses - Installation profiles for CPF 22
dea: 2022-06-17

prEN IEC 63132-5:2022
Guide for installation procedures and tolerances of hydroelectric machines - Part 5: Bulb turbines and generators
dea: 2022-06-10

prEN IEC 63132-6:2022
Guide for installation procedures and tolerances of hydroelectric machines - Part 6: Vertical Pelton turbines
dea: 2022-06-17

11.140 Echipament pentru spitale

prEN IEC 60601-2-46:2022
Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables
dea: 2022-06-17

25.040 Sisteme de automatizare industriala

25.040.40 Masurarea si controlul proceselor industriale

prEN IEC 61784-5-19:2022
Industrial communication networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19
dea: 2022-06-17

prEN IEC 61784-5-8:2022
Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8
dea: 2022-06-17

prEN IEC 61784-5-X:2022
Industrial communication networks - Profiles - Part 5-x: Installation of fieldbuses - Installation profiles for CPF x (x=2, 3, 6, 12, 21)
dea: 2022-06-17

prEN IEC 62453-1:2022
Field device tool (FDT) interface specification - Part 1: Overview and guidance
dea: 2022-06-03

prEN IEC 62769-1:2022
Field Device Integration (FDI) - Part 1: Overview
dea: 2022-05-27

prEN IEC 62769-100:2022
Field device integration (FDI) - Part 100: Profiles - Generic protocols
dea: 2022-05-27

prEN IEC 62769-101-1:2022
Field device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1
dea: 2022-05-27

prEN IEC 62769-101-2:2022
Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE
dea: 2022-05-27

prEN IEC 62769-103-1:2022
Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS
dea: 2022-05-27

prEN IEC 62769-103-4:2022
Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET
dea: 2022-05-27

prEN IEC 62769-109-1:2022
Field device integration (FDI) - Part 109-1: Profiles - HART® and WirelessHART®
dea: 2022-05-27

prEN IEC 62769-150-1:2022
Field device integration (FDI) - Part 150-1: Profiles - ISA100 WIRELESS
dea: 2022-05-27

prEN IEC 62769-2:2022
Field Device Integration (FDI) - Part 2: FDI Client
dea: 2022-05-27

prEN IEC 62769-3:2022
Field Device Integration (FDI) - Part 3: Server
dea: 2022-05-27

prEN IEC 62769-4:2022
Field Device Integration (FDI) - Part 4: FDI Packages
dea: 2022-05-27

prEN IEC 62769-5:2022
Field Device Integration (FDI) - Part 5: Information Model
dea: 2022-05-27

prEN IEC 62769-6:2022
Field Device Integration (FDI) - Part 6: Technology Mapping
dea: 2022-05-27

prEN IEC 62769-6-100:2022
Field Device Integration (FDI) - Part 6-100: Technology Mapping - Net
dea: 2022-05-27

prEN IEC 62769-6-200:2022
Field Device Integration (FDI) - Part 6-200: Technology Mapping - HTML5
dea: 2022-05-27

prEN IEC 62769-7:2022
Field Device Integration (FDI) - Part 7: Communication Devices
dea: 2022-05-27

29.080 Izolatii electrice

29.080.10 Izolatoare

prEN IEC 61462:2022
Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical

equipment with AC rated voltage greater than 1 000 V AC and D.C. voltage greater than 1500V - Definitions, test methods, acceptance criteria and design recommendations
dea: 2022-06-10

prEN IEC 62772:2022
Composite hollow core station post insulators for substations with a.c. voltage greater than 1 000 V and d.c. voltage greater than 1 500 V - Definitions, test methods and acceptance criteria
dea: 2022-06-10

29.120 Accesorii electrice

29.120.50 Sigurante fuzibile si alte aparate de protectie la scurtcircuit

EN 60269-1:2007/prA3:2022
Amendment 3 - Low-voltage fuses - Part 1: General requirements
dea: 2022-06-03

EN 60269-4:2009/prA3:2022
Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices
dea: 2022-06-10

HD 60269-2:2013/prA2:2022
Amendment 2 - Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K
dea: 2022-06-03

prHD 60364-4-43:2022
Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent
dea: 2022-06-17

29.130 Aparate de conectare si comanda

29.130.10 Aparate de conectare si comanda de înalta tensiune

prEN IEC 62271-207:2022
High-voltage switchgear and controlgear - Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV
dea: 2022-06-17

29.160 Masini electrice rotative

29.160.20 Generatoare

prEN 50549-10
Requirements for generating plants to be connected in parallel with distribution networks - Part 10: Tests for conformity assessment of generating units
dea: 2022-06-10

29.260 Echipament electric pentru conditii speciale

29.260.20 Aparate si echipamente electrice pentru medii explozive

prEN IEC 62990-1:2021/prAA:2022
Workplace Atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases
dea: 2022-06-17

31.040 Rezistoare electrice

31.040.20 Potentiometre, rezistoare variabile

prEN IEC 60393-3:2022
Potentiometers for use in electronic equipment - Part 3: Sectional specification: Rotary precision potentiometers
dea: 2022-06-10

31.060 Condensatoare

31.060.10 Condensatoare fixe

prEN IEC 60384-20:2022
Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors
dea: 2022-06-03

prEN IEC 60384-23:2022
Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount DC capacitors
dea: 2022-06-03

31.200 Circuite integrate. Microelectronica

prEN IEC 62228-6:2022
Integrated circuit - EMC Evaluation of transceivers - Part 6: PSI5 transceivers
dea: 2022-06-10

33.040 Sisteme de telecomunicatii

33.040.40 Retele pentru comunicatii de date

prEN IEC 62769-102-2:2022
Field device integration (FDI) - Part 102-2: Profiles - EtherNet/IP
dea: 2022-05-27

prEN IEC 62769-151-1:2022
Field device integration (FDI) - Part 150-1: Profiles - OPC UA
dea: 2022-05-27

prEN IEC 62769-8:2022
Field device integration (FDI) - Part 8: EDD to OPC-UA Mapping
dea: 2022-05-27

33.200 Telecomanda. Teleconducere

prEN IEC 62351-9:2022
Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment
dea: 2022-05-27

35.100 Interconexiunea sistemelor deschise (OSI)

35.100.05 Aplicatii multistrat

prEN IEC 62453-1:2022
Field device tool (FDT) interface specification - Part 1: Overview and guidance
dea: 2022-06-03

prEN IEC 62769-1:2022
Field Device Integration (FDI) - Part 1: Overview
dea: 2022-05-27

prEN IEC 62769-100:2022
Field device integration (FDI) - Part 100: Profiles - Generic protocols
dea: 2022-05-27

prEN IEC 62769-101-1:2022
Field device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1
dea: 2022-05-27

prEN IEC 62769-101-2:2022
Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE
dea: 2022-05-27

prEN IEC 62769-103-1:2022
Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS
dea: 2022-05-27

prEN IEC 62769-103-4:2022
Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET
dea: 2022-05-27

prEN IEC 62769-109-1:2022
Field device integration (FDI) - Part 109-1: Profiles - HART® and WirelessHART®
dea: 2022-05-27

prEN IEC 62769-150-1:2022
Field device integration (FDI) - Part 150-1: Profiles - ISA100 WIRELESS
dea: 2022-05-27

prEN IEC 62769-2:2022
Field Device Integration (FDI) - Part 2: FDI Client
dea: 2022-05-27

prEN IEC 62769-3:2022
Field Device Integration (FDI) - Part 3: Server
dea: 2022-05-27

prEN IEC 62769-4:2022
Field Device Integration (FDI) - Part 4: FDI Packages
dea: 2022-05-27

prEN IEC 62769-5:2022
Field Device Integration (FDI) - Part 5: Information Model
dea: 2022-05-27

prEN IEC 62769-6:2022
Field Device Integration (FDI) - Part 6: Technology Mapping
dea: 2022-05-27

prEN IEC 62769-6-100:2022
Field Device Integration (FDI) - Part 6-100: Technology Mapping - Net
dea: 2022-05-27

prEN IEC 62769-6-200:2022
Field Device Integration (FDI) - Part 6-200: Technology Mapping - HTML5
dea: 2022-05-27

prEN IEC 62769-7:2022
Field Device Integration (FDI) - Part 7: Communication Devices
dea: 2022-05-27

35.100.40 Strat transport

prEN IEC 61784-5-19:2022
Industrial communication networks - Profiles - Part 5-19: Installation of fieldbuses - Installation profiles for CPF 19
dea: 2022-06-17

prEN IEC 61784-5-8:2022
Industrial communication networks - Profiles - Part 5-8: Installation of fieldbuses - Installation profiles for CPF 8
dea: 2022-06-17

prEN IEC 61784-5-X:2022
Industrial communication networks - Profiles - Part 5-x: Installation of fieldbuses - Installation profiles for CPF x (x=2, 3, 6, 12, 21)
dea: 2022-06-17

35.110 Retele

prEN IEC 62453-1:2022
Field device tool (FDT) interface specification - Part 1: Overview and guidance
dea: 2022-06-03

35.240 Aplicatii privind tehnologia informatiei

35.240.50 Aplicatii IT în industrie

prEN IEC 62769-150-1:2022
Field device integration (FDI) - Part 150-1: Profiles - ISA100 WIRELESS
dea: 2022-05-27

91.140 Instalatii în cladiri

91.140.50 Sisteme de alimentare cu energie electrica

prHD 60364-4-43:2022
Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent
dea: 2022-06-17

PROIECTE DE STANDARDE / DOCUMENTE DE STANDARDIZARE EUROPENE ETSI SUPUSE ANCHETEI PUBLICE

*În perioada **2022.03.01** – **2022.03.31***

Proiectele de standarde de mai jos sunt supuse anchetei publice. Asupra acestor proiecte poate face observaţii orice persoană fizică sau juridică, la adresa asro@asro.ro. Proiectele pot fi obţinute de la ASRO precizând indicativul şi 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 303 687 V1.0.0
Comitet Tehnic ETSI: BRAN
6 GHz WAS/RLAN Harmonised Standard for access to radio spectrum
dea: 2022-07-26

STANDARDIZAREA INTERNAŢIONALĂ

Informaţiile din această secţiune se referă la activitatea din cadrul Organizaţiei Internaţionale de Standardizare (ISO) şi a Comisiei Electrotehnice Internaţionale (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 INTERNAŢIONALE ISO APROBATE

*În perioada **2022.03.01** – **2022.03.31***

IULTCS UNIUNEA INTERNATIONALA A SOCIETATILOR TEHNICIENILOR SI CHIMISTILOR PIELARI

ISO 5402-1:2022
Leather — Determination of flex resistance — Part 1: Flexometer method

ISO/IEC JTC 1 TEHNOLOGIA INFORMATIEI

ISO/IEC 2382-37:2022
Information technology — Vocabulary — Part 37: Biometrics

ISO/IEC TR 3445:2022
Information technology — Cloud computing — Audit of cloud services

ISO/IEC 10192-4-1:2022
Information technology — Home electronic system (HES) interfaces — Part 4-1: Common user interface and interoperability among home systems — Architecture

ISO/IEC 18047-3:2022
Information technology — Radio frequency identification device conformance test methods — Part 3: Test methods for air interface communications at 13,56 MHz

ISO/IEC 18181-1:2022
Information technology — JPEG XL image coding system — Part 1: Core coding system

ISO/IEC 19540-1:2022
Information technology — Object Management Group Unified Architecture Framework (OMG UAF) — Part 1: Domain Metamodel (DMM)

ISO/IEC 19540-2:2022
Information technology — Object Management Group Unified Architecture Framework (OMG UAF) — Part 2: Unified Architecture Framework Profile (UAFP)

ISO/IEC 21122-1:2022
Information technology — JPEG XS low-latency lightweight image coding system — Part 1: Core coding system

ISO/IEC 21122-2:2022
Information technology — JPEG XS low-latency lightweight image coding system — Part 2: Profiles and buffer models

ISO/IEC 21122-3:2022
Information technology — JPEG XS low-latency lightweight image coding system — Part 3: Transport and container formats

ISO/IEC 21558-1:2022
Telecommunications and information exchange between systems — Future network architecture — Part 1: Switching and routing

ISO/IEC 21558-3:2022
Telecommunications and information exchange between systems — Future network architecture — Part 3: Networking of everything

ISO/IEC 21559-1:2022
Telecommunications and information exchange between systems — Future network protocols and mechanisms — Part 1: Switching and routing

ISO/IEC 21559-3:2022
Telecommunications and information exchange between systems — Future network protocols and mechanisms — Part 3: Networking of everything

ISO/IEC TS 22237-30:2022
Information technology — Data centre facilities and infrastructures — Part 30: Earthquake risk and impact analysis

ISO/IEC 23008-9:2022
Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 9: 3D Audio conformance testing

ISO/IEC 23093-1:2022
Information technology — Internet of media things — Part 1: Architecture

ISO/IEC 23093-2:2022
Information technology — Internet of media things — Part 2: Discovery and communication API

ISO/IEC 29110-2-1:2015/Amd 1:2022
Software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 2-1: Framework and taxonomy — Amendment 1: Update of references and editorial improvements

ISO/IEC 30134-8:2022
Information technology — Data centres key performance indicators — Part 8: Carbon usage effectiveness (CUE)

ISO/IEC 30134-9:2022
Information technology — Data centres key performance indicators — Part 9: Water usage effectiveness (WUE)

ISO/IEC JTC 1/SC 41

ISO/IEC 21823-4:2022
Internet of things (IoT) — Interoperability for IoT systems — Part 4: Syntactic interoperability

ISO/IEC 30171-1:2022
Internet of Things (IoT) — Base-station based underwater wireless acoustic network (B-UWAN) — Part 1: Overview and requirements

ISO/TC 4 RULMENTI

ISO 3030:2022
Rolling bearings — Radial needle roller and cage

assemblies — Boundary dimensions, geometrical product specifications (GPS) and tolerance values

ISO/TC 6 HÂRTIE, CARTON SI CELULOZA

ISO 638-1:2022
Paper, board, pulps and cellulosic nanomaterials — Determination of dry matter content by oven-drying method — Part 1: Materials in solid form

ISO 638-2:2022
Paper, board, pulps and cellulosic nanomaterials — Determination of dry matter content by oven-drying method — Part 2: Suspensions of cellulosic nanomaterials

ISO 11093-4:2022
Paper and board — Testing of cores — Part 4: Measurement of dimensions

ISO/TC 8 NAVE SI TEHNOLOGIE MARITIMA

ISO 22834:2022
Large yachts — Quality assessment of life onboard — Stabilization and sea keeping

ISO 23575:2022
Ships and marine technology — Marine securing devices for ro-ro cargoes

ISO/TC 10 DOCUMENTATIE TEHNICA DE PRODUS

IEC 81346-1:2022
Industrial systems, installations and equipment and industrial products — Structuring principles and reference designations — Part 1: Basic rules

ISO/TC 17 OTEL

ISO 23213:2022
Carbon steel wire for bedding and seating springs

ISO 23717:2022
Steel wire and wire products — Hose reinforcement wire

ISO/TC 20 AERONAUTICA SI SPATIU

ISO 14222:2022
Space environment (natural and artificial) — Earth's atmosphere from ground level upward

ISO 23135:2022
Space systems — Verification programme and management process

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

ISO 6183:2022
Fire protection equipment — Carbon dioxide extinguishing systems for use on premises — Design and installation

ISO/TC 22 VEHICULE RUTIERE

ISO/PAS 5112:2022
Road vehicles — Guidelines for auditing cybersecurity engineering

ISO 14229-3:2022
Road vehicles — Unified diagnostic services (UDS) — Part 3: Unified diagnostic services on CAN implementation (UDSonCAN)

ISO 17840-1:2022
Road vehicles — Information for first and second responders — Part 1: Rescue sheet for passenger cars and light commercial vehicles

ISO 24195:2022
Road vehicles — Vocabulary and characteristics for engineering of starting devices

ISO/TC 23 TRACTOARE SI MATERIALE AGRICOLE SI FORESTIERE

ISO 11681-1:2022
Machinery for forestry — Portable chain-saw safety requirements and testing — Part 1: Chain-saws for forest service

ISO 11681-2:2022
Machinery for forestry — Portable chain-saw safety requirements and testing — Part 2: Chain-saws for tree service

ISO 11850:2011/Amd 2:2022
Machinery for forestry — General safety requirements — Amendment 2: Access to operator's station and maintenance locations

ISO/TC 27 COMBUSTIBILI MINERALI SOLIZI

ISO 18283:2022
Coal and coke — Manual sampling

ISO/TC 28 PRODUSE PETROLIERE SI LUBRIFIANTI

ISO 7507-2:2022
Petroleum and liquid petroleum products — Calibration of vertical cylindrical tanks — Part 2: Optical-reference-line method or electro-optical distance-ranging method

ISO/TC 34 PRODUSE ALIMENTARE

ISO 22942-1:2022
Molecular biomarker analysis — Isothermal polymerase chain reaction (isoPCR) methods — Part 1: General requirements

ISO 23319:2022
Cheese and processed cheese products, caseins and caseinates — Determination of fat content — Gravimetric method

ISO/TC 39 MASINI-UNELTE

ISO 230-10:2022
Test code for machine tools — Part 10: Determination of the measuring performance of probing systems of numerically controlled machine tools

ISO 26303:2022
Machine tools — Short-term capability evaluation of machining processes on metal-cutting machine tools

ISO/TC 41 ROTI SI CURELE (INCLUSIV CURELE TRAPEZOIDALE)

ISO 13050:2022
Synchronous belt drives — Metric pitch, curvilinear profile systems G, H, R and S, belts and pulleys

ISO/TC 44 SUDARE SI PROCEDEE CONEXE
ISO 9016:2022
Destructive tests on welds in metallic materials — Impact tests — Test specimen location, notch orientation and examination

ISO/TC 45 ELASTOMERI SI PRODUSE PE BAZA DE ELASTOMERI

ISO 4671:2022
Rubber and plastics hoses and hose assemblies — Methods of measurement of the dimensions of hoses and the lengths of hose assemblies

ISO 8330:2022
Rubber and plastics hoses and hose assemblies — Vocabulary

ISO 18752:2022
Rubber hoses and hose assemblies — Wire- or textile-reinforced single-pressure types for hydraulic applications — Specification

ISO 24376:2022
Rubber, raw natural — Guidelines and requirements for technically specified low-protein natural rubber

ISO/TC 46 INFORMARE SI DOCUMENTARE

ISO 15924:2022
Information and documentation — Codes for the representation of names of scripts

ISO/TC 54 ULEIURI ESENTIALE

ISO 3520:2022
Essential oil of bergamot [Citrus bergamia Risso et Poit], Calabrian type

ISO/TC 58 BUTELII PENTRU GAZ

ISO 22434:2022
Gas cylinders — Inspection and maintenance of valves

ISO/TC 59 CONSTRUCTII IMOBILIARE

ISO 4781:2022
Building and civil engineering sealants — Determination of application life

ISO/TC 61 MATERIALE PLASTICE

ISO 489:2022
Plastics — Determination of refractive index

ISO 2078:2022
Textile glass — Yarns — Designation

ISO 3146:2022
Plastics — Determination of melting behaviour (melting temperature or melting range) of semi-crystalline polymers by capillary tube and polarizing-microscope methods

ISO 11357-7:2022
Plastics — Differential scanning calorimetry (DSC) — Part 7: Determination of crystallization kinetics

ISO 11358-1:2022
Plastics — Thermogravimetry (TG) of polymers — Part 1: General principles

ISO 19712-3:2022
Plastics — Decorative solid surfacing materials — Part 3: Determination of properties — Solid surface shapes

ISO 21368:2022
Adhesives — Guidelines for the fabrication of adhesively bonded structures and reporting procedures suitable for the risk evaluation of such structures

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

ISO 10423:2022
Petroleum and natural gas industries — Drilling and production equipment — Wellhead and tree equipment

ISO/TS 12835:2022
Qualification of casing connections for thermal wells

ISO 15590-3:2022
Petroleum and natural gas industries — Factory bends, fittings and flanges for pipeline transportation systems — Part 3: Flanges

ISO/TC 72 MASINI TEXTILE SI MASINI PENTRU CURATAT DINAMIC SI SPALAT INDUSTRIAL

ISO 8115-1:2022
Cotton bales — Part 1: Dimensions and density

ISO 8115-3:2022
Cotton bales — Part 3: Packaging and labelling

ISO/TC 76 APARATURA DE TRANSFUZIE, PERFUZIE, INJECTIE, PENTRU UTILIZARE MEDICALA SI FARMACEUTICA

ISO 3749:2022
Glass syringes — Determination of extractable tungsten

ISO 8536-15:2022
Infusion equipment for medical use — Part 15: Light-protective infusion sets for single use

ISO/TC 83 ECHIPAMENTE PENTRU SPORT SI RECREERE

ISO 23537-1:2022
Requirements for sleeping bags — Part 1: Thermal, mass and dimensional requirements for sleeping bags designed for limit temperatures of -20°C and higher

ISO/TR 24666:2022
Sports and recreational facilities — Probes for entrapment/entanglement on playground equipment — Collection of data

ISO/TC 92 SECURITATE LA INCENDIU

ISO 20710-1:2022
Fire safety engineering — Active fire protection systems — Part 1: General principles

ISO 26367-3:2022
Guidelines for assessing the adverse environmental impact of fire effluents — Part 3: Sampling and analysis

ISO/TC 102 MINEREU DE FIER SI MINEREU DE FIER SARACIT

ISO 11257:2022
Iron ores for shaft direct-reduction feedstocks — Determination of the low-temperature reduction-disintegration index and degree of metallization

ISO/TC 106 STOMATOLOGIE

ISO 20126:2022
Dentistry — Manual toothbrushes — General requirements and test methods

ISO/TC 107 ACOPERIRI METALICE SI ALTE ACOPERIRI ANORGANICE

ISO 2080:2022
Metallic and other inorganic coatings — Surface treatment, metallic and other inorganic coatings — Vocabulary

ISO/TC 108 VIBRATII SI SOCURI MECANICE

ISO 10326-2:2022
Mechanical vibration — Laboratory method for evaluating vehicle seat vibration — Part 2: Application to railway vehicles

ISO/TC 113 HIDROMETRIE

ISO 4373:2022
Hydrometry — Water level measuring devices

ISO/TC 121 ECHIPAMENTE PENTRU ANESTEZIE SI REANIMARE

ISO 10079-1:2022
Medical suction equipment — Part 1: Electrically powered suction equipment

ISO 10079-2:2022
Medical suction equipment — Part 2: Manually powered suction equipment

ISO 10079-3:2022
Medical suction equipment — Part 3: Suction equipment powered from a vacuum or positive pressure gas source

ISO/TC 131 SISTEME HIDRAULICE SI PNEUMETICE

ISO 11171:2022
Hydraulic fluid power — Calibration of automatic particle counters for liquids

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

ISO 3459:2022
Plastic piping systems — Mechanical joints between fittings and pressure pipes — Test method for leaktightness under negative pressure

ISO/TC 142 ECHIPAMENT DE CURATIRE PENTRU AER SI ALTE GAZE

ISO 29463-5:2022
High-efficiency filters and filter media for removing

particles in air — Part 5: Test method for filter elements

ISO/TC 147 CALITATEA APEI

ISO 10304-4:2022
Water quality — Determination of dissolved anions by liquid chromatography of ions — Part 4: Determination of chlorate, chloride and chlorite in water with low contamination

ISO/TC 150 IMPLANTURI CHIRURGICALE

ISO 5832-5:2022
Implants for surgery — Metallic materials — Part 5: Wrought cobalt-chromium-tungsten-nickel

ISO 5832-6:2022
Implants for surgery — Metallic materials — Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy

ISO/TC 154 PROCESE, ELEMENTE INFORMATICE SI DOCUMENTE ÎN COMERT, INDUSTRIE SI ADMINISTRATIE

ISO 9735-11:2022
Electronic data interchange for administration, commerce and transport (EDIFACT) — Application level syntax rules (Syntax version number: 4, Syntax release number: 1) — Part 11: Version 3 compatible profile for Version 4 of ISO 9735

ISO/TC 156 COROZIUNEA METALELOR SI ALIAJELOR

ISO/TR 7655:2022
Corrosion of metals and alloys — Overview of metal corrosion protection when using disinfectants

ISO 23721:2022
Corrosion of metals and alloys — Rating method by appearance of rust and stains of atmospheric corrosion for stainless steels

ISO/TC 160 STICLA PENTRU CONSTRUCTII

ISO/TS 21486:2022
Glass in building — Retesting requirements for laminated solar photovoltaic glass for use in buildings

ISO/TC 163 PERFORMANTA TERMICA SI UTILIZAREA ENERGIEI TERMICE ÎN CLADIRI

ISO 23766:2022
Thermal insulating products for industrial installations — Determination of the coefficient of linear thermal expansion at sub-ambient temperatures

ISO/TC 172 OPTICA SI FOTONICA

ISO 9211-4:2022
Optics and photonics — Optical coatings — Part 4: Specific test methods: abrasion, adhesion and resistance to water

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

ISO 7176-14:2022
Wheelchairs — Part 14: Power and control systems for electrically powered wheelchairs and scooters — Requirements and test methods

ISO/TS 20342-10:2022
Assistive products for tissue integrity when lying down — Part 10: Guidance to cleaning, disinfecting and care of polyurethane APTI covers

ISO/TC 180 ENERGIE SOLARA

ISO 9488:2022
Solar energy — Vocabulary

ISO/TC 182 GEOTEHNICA

ISO 17892-12:2018/Amd 2:2022
Geotechnical investigation and testing — Laboratory testing of soil — Part 12: Determination of liquid and plastic limits — Amendment 2

ISO/TC 184 SISTEME DE AUTOMATIZARI INDUSTRIALE SI STRUCTURI DE INTEGRARE

ISO/TS 10303-17:2022
Industrial automation systems and integration — Product data representation and exchange — Part 17: Description methods: EXPRESS to SysML CXMI transformation

ISO 17506:2022
Industrial automation systems and integration — COLLADATM digital asset schema specification for 3D visualization of industrial data

ISO/TC 189 PLACI CERAMICE

ISO 10545-18:2022
Ceramic tiles — Part 18: Determination of light reflectance value (LRV)

ISO/TC 201 ANALIZE CHIMICE DE SUPRAFATA

ISO 17109:2022
Surface chemical analysis — Depth profiling —

Method for sputter rate determination in X-ray photoelectron spectroscopy, Auger electron spectroscopy and secondary-ion mass spectrometry sputter depth profiling using single and multi-layer thin films

ISO/TC 204 SISTEME INTELIGENTE DE TRANSPORT

ISO/TS 5255-1:2022
Intelligent transport systems — Low-speed automated driving system (LSADS) service — Part 1: Role and functional model

ISO/TC 205 PROIECTAREA AMBIENTULUI DIN CLADIRI

ISO 52032-1:2022
Energy performance of buildings — Energy requirements and efficiencies of heating, cooling and domestic hot water (DHW) distribution systems — Part 1: Calculation procedures

ISO/TC 207 MANAGEMENTUL MEDIULUI

ISO/TR 14055-2:2022
Environmental management — Guidelines for establishing good practices for combatting land degradation and desertification — Part 2: Regional case studies

ISO/TC 211 INFORMATII GEOGRAFICE

ISO 19115-2:2019/Amd 1:2022
Geographic information — Metadata — Part 2: Extensions for acquisition and processing — Amendment 1

ISO/TS 19130-3:2022
Geographic information — Imagery sensor models for geopositioning — Part 3: Implementation schema

ISO/TC 212 LABORATOARE DE ANALIZE BIOLOGICE MEDICALE SI SISTEME DE DIAGNOSTICARE IN VITRO

ISO 17593:2022
Clinical laboratory testing and in vitro medical devices — Requirements for in vitro monitoring systems for self-testing of oral anticoagulant therapy

ISO/TC 215 INFORMATICA MEDICALA

ISO/IEEE 11073-40101:2022
Health informatics — Device interoperability — Part 40101: Foundational — Cybersecurity — Processes for vulnerability assessment

ISO/IEEE 11073-40102:2022
Health informatics — Device interoperability — Part 40102: Foundational — Cybersecurity — Capabilities for mitigation

ISO/TS 17117-2:2022
Health informatics — Terminological resources — Part 2: Implementation Capability (TIC)

ISO 17439:2022
Health informatics — Development of terms and definitions for health informatics glossaries

ISO/TC 217 COSMETICE

ISO 24444:2019/Amd 1:2022
Cosmetics — Sun protection test methods — In vivo determination of the sun protection factor (SPF) — Amendment 1

ISO/TC 219 ÎNVELITORI PENTRU PARDOSELI

ISO 24338:2022
Laminate floor coverings — Determination of abrasion resistance

ISO/TC 221 GEOSINTETICE

ISO/TR 18228-4:2022
Design using geosynthetics — Part 4: Drainage

ISO/TC 249 MEDICINA TRADITIONALA CHINEZEASCA

ISO 22585:2022
Traditional Chinese medicine — Codonopsis pilosula root

ISO 22586:2022
Traditional Chinese medicine — Paeonia lactiflora root — White peony root

ISO 23965:2022
Traditional Chinese medicine — Bupleurum chinense, Bupleurum scorzonerifolium and Bupleurum falcatum root

ISO/TC 276 BIOTEHNOLOGIE

ISO 20397-1:2022
Biotechnology — Massively parallel sequencing — Part 1: Nucleic acid and library preparation

ISO/TC 292 SECURITATE

ISO 28000:2022
Security and resilience — Security management systems — Requirements

STANDARDE / DOCUMENTE DE STANDARDIZARE INTERNAŢIONALE IEC APROBATE

*În perioada **2022.03.01** – **2022.03.31***

IEC/CISPR COMITET INTERNATIONAL SPECIALIZAT ÎN INTERFERENTA RADIO

CISPR 16-1-6:2014/A2:2022
Amendment 2 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC antenna calibration
CISPR 16-1-6:2014+A1:2017+A2:2022 CSV
Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC antenna calibration

IEC/TC 2 MASINI ELECTRICE ROTATIVE

IEC 60072-1:2022
Rotating electrical machines - Dimensions and output series - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080

IEC/TC 3 STRUCTURI DE INFORMARE, DOCUMENTATIE SI SIMBOLURI GRAFICE

IEC 81346-1:2022
Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 1: Basic rules

IEC/TC 7 CONDUCTOARE PENTRU LINII ELECTRICE AERIENE

IEC 62641:2022
Conductors for overhead lines - Aluminium and aluminium alloy wires for concentric lay stranded conductors

IEC 63248:2022
Conductors for overhead lines - Coated or cladded metallic wire for concentric lay stranded conductors

IEC/TC 17 APARATAJ ELECTRIC

IEC 62271-209:2019/A1:2022
Amendment 1 - High-voltage switchgear and controlgear - Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations

IEC 62271-209:2019+A1:2022 CSV
High-voltage switchgear and controlgear - Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations

IEC/TC 21 ELEMENTE GALVANICE SECUNDARE SI ACUMULATOARE

IEC 62660-3:2022
Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 3: Safety requirements

IEC/TC 22 SISTEME SI ECHIPAMENTE PENTRU ELECTRONICA DE PUTERE

IEC TR 62543:2022
High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC)

IEC 62751-1:2014/A2:2022
Amendment 2 - Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 1: General requirements

IEC 62751-1:2014+A1:2018+A2:2022 CSV
Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 1: General requirements

IEC TR 63259:2022
Water cooling systems for power electronics used in electrical transmission and distribution systems

IEC/TC 29 ELECTROACUSTICA

IEC 60118-16:2022
Electroacoustics - Hearing aids - Part 16: Definition and verification of hearing aid features

IEC 60645-6:2022
Electroacoustics - Audiometric equipment - Part 6: Instruments for the measurement of otoacoustic emissions

IEC/TC 33 CONDENSATOARE DE PUTERE SI APLICATIILE LOR

IEC TS 60871-2:2014/A1:2022
Amendment 1 - Shunt capacitors for a.c. power systems having a rated voltage above 1 000 V - Part 2: Endurance testing

IEC TS 60871-2:2014+A1:2022 CSV
Shunt capacitors for a.c. power systems having a

rated voltage above 1 000 V - Part 2: Endurance testing

IEC/TC 34 LAMPI SI ECHIPAMENTUL ASOCIAT

IEC 60061:2022 DB
Lamp caps and holders together with gauges for the control of interchangeability and safety - 12-month subscription to online database comprising all parts of IEC 60061.

IEC 60061-1:1969/A62:2022
Amendment 62 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps

IEC PAS 63421:2022
Zhaga Interface Specification Book 18 including Book 1 - Outdoor Luminaire Extension Interface

IEC PAS 63422:2022
Zhaga Interface Specification Book 20 including Book 1 - Smart interface between indoor luminaires and sensing/communication modules

IEC/TC 46 CABLURI, CONDUCTOARE, GHIDURI DE UNDA, CONECTOARE DE RADIOFRECVENTA, COMPONENTE SI ACCESORII PASIVE PENTRU MICROUNDE SI RADIOFRECVENTA

IEC 61169-17:2022
Radio-frequency connectors - Part 17: Sectional specification for RF coaxial connectors with inner diameter of outer conductor 6,5 mm (0,256 in) with screw coupling - Characteristic impedance 50 ohms (Type TNC)

IEC 61196-11:2022
Coaxial communication cables - Part 11: Sectional specification for semi-rigid cables with polyethylene (PE) dielectric

IEC 61196-11-1:2022
Coaxial communication cables - Part 11-1: Blank detail specification for semi-rigid cables with polyethylene (PE) dielectric

IEC 61196-9-2:2022
Coaxial communication cables - Part 9-2: Detail specification for 50-0,4 type RF flexible cables

IEC 63138-3:2022
Multi-channel radio frequency connectors - Part 3: Sectional specification for MQ5 series circular connectors

IEC/TC 47 DISPOZITIVE CU SEMICONDUCTOARE

IEC 60747-5-14:2022
Semiconductor devices - Part 5-14: Optoelectronic devices - Light emitting diodes - Test method of the surface temperature based on the thermoreflectance method

IEC 60749-28:2022
Semiconductor devices - Mechanical and climatic test methods - Part 28: Electrostatic discharge (ESD) sensitivity testing - Charged device model (CDM) - device level

IEC/TC 56 FIABILITATE

IEC 60300-3-4:2022
Dependability management - Part 3-4: Application guide - Specification of dependability requirements

IEC/TC 57 CONDUCEREA SISTEMELOR ELECTRICE DE PUTERE SI SCHIMBUL DE INFORMATII ASOCIAT

IEC 61850-5:2013/A1:2022
Amendment 1 - Communication networks and systems for power utility automation - Part 5: Communication requirements for functions and device models

IEC 61850-5:2013+A1:2022 CSV
Communication networks and systems for power utility automation - Part 5: Communication requirements for functions and device models

IEC 62325-451-8:2022
Framework for energy market communications - Part 451-8: HVDC Scheduling process, contextual and assembly models for European style market

IEC/TC 62 ECHIPAMENTE ELECTROMEDICALE

IEC 61675-1:2022
Radionuclide imaging devices - Characteristics and test conditions - Part 1: Positron emission tomographs

IEC/TC 65 MASURA SI COMANDA ÎN PROCESELE INDUSTRIALE

IEC 61918:2018/A1:2022
Amendment 1 - Industrial communication networks - Installation of communication networks in industrial premises

IEC 61918:2018+A1:2022 CSV
Industrial communication networks - Installation of communication networks in industrial premises

IEC 62714-5:2022
Engineering data exchange format for use in industrial automation systems engineering -

Automation markup language - Part 5: Communication

IEC TR 63283-1:2022
Industrial-process measurement, control and automation - Smart manufacturing - Part 1: Terms and definitions

IEC TR 63283-2:2022
Industrial-process measurement, control and automation - Smart manufacturing - Part 2: Use cases

IEC TR 63283-3:2022
Industrial-process measurement, control and automation - Smart manufacturing - Part 3: Challenges for cybersecurity

IEC/TC 76 SECURITATEA ÎN UTILIZAREA RADIATIEI OPTICE SI A ECHIPAMENTELOR CU LASER

IEC TR 60825-14:2022
Safety of laser products - Part 14: A user's guide

IEC/TC 82 SISTEME DE CONVERSIE FOTOVOLTAICA A ENERGIEI SOLARE

IEC 61215-1-2:2021/A1:2022
Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules

IEC 61215-1-2:2021+A1:2022 CSV
Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules

IEC 61215-1-3:2021/A1:2022
Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules

IEC 61215-1-3:2021+A1:2022 CSV
Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules

IEC 61215-1-4:2021/A1:2022
Amendment 1 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)2 based photovoltaic (PV) modules

IEC 61215-1-4:2021+A1:2022 CSV
Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)2 based photovoltaic (PV) modules

IEC TS 62257-7-2:2022
Recommendations for renewable energy and hybrid systems for rural electrification - Part 7-2: Generator set - Off-grid wind turbines

IEC TS 62804-2:2022
Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 2: Thin-film

IEC TS 63106-2:2022
Simulators used for testing of photovoltaic power conversion equipment - Recommendations - Part 2: DC power simulators

IEC TS 63109:2022
Photovoltaic (PV) modules and cells - Measurement of diode ideality factor by quantitative analysis of electroluminescence images

IEC/TC 85 ECHIPAMENTE DE MASURARE A MARIMILOR ELECTRICE SI ELECTROMAGNETICE FUNDAMENTALE

IEC 60477-1:2022
Laboratory resistors - Part 1: Laboratory DC resistors

IEC 60477-2:2022
Laboratory resistors - Part 2: Laboratory AC resistors

IEC/TC 86 FIBRE OPTICE

IEC 60794-1-220:2022
Optical fibre cables - Part 1-220: Generic specification - Basic optical cable test procedures - Environmental test methods - Salt spray corrosion test, method F20

IEC 61757-3-2:2022
Fibre optic sensors - Part 3-2: Acoustic sensing and vibration measurement - Distributed sensing

IEC/TC 87 ULTRASUNETE

IEC 61689:2022
Ultrasonics - Physiotherapy systems - Field specifications and methods of measurement in the frequency range 0,5 MHz to 5 MHz

IEC 62127-1:2022
Ultrasonics - Hydrophones - Part 1: Measurement and characterization of medical ultrasonic fields

IEC/TC 103 ECHIPAMENTE DE TRANSMISIE PENTRU RADIOCOMUNICATII

IEC TR 63099-3:2022
Transmitting and receiving equipment for radiocommunication - Radio-over-fibre technologies for electromagnetic-field measurement - Part 3: Antenna near-field pattern measurement using optical techniques in terahertz-wave bands

IEC/TC 110 DISPOZITIVE DE AFISARE PLANE

IEC TR 62977-1-31:2021/A1:2022
Amendment 1 - Electronic displays - Part 1-31: Generic - Practical information on the use of light measuring devices

IEC TR 62977-1-31:2021+A1:2022 CSV
Electronic displays - Part 1-31: Generic - Practical information on the use of light measuring devices

IEC/TC 112 EVALUAREA SI CALIFICAREA MATERIALELOR IZOLATOARE ELECTRICE SI A SISTEMELOR

IEC 60587:2022
Electrical insulating materials used under severe ambient conditions - Test methods for evaluating resistance to tracking and erosion

PROIECTE DE STANDARDE / DOCUMENTE DE STANDARDIZARE INTERNAŢIONALE ISO SUPUSE ANCHETEI PUBLICE

*În perioada **2022.03.01 – 2022.03.31***

Proiectele de standarde de mai jos sunt supuse anchetei publice. Asupra acestor proiecte poate face observaţii orice persoană fizică sau juridică, la adresa asro@asro.ro. Proiectele pot fi obţinute de la ASRO precizând indicativul şi titlul proiectului. Termenul limită până la care se pot trimite comentarii este cu 30 zile calendaristice înainte de termenul limită de vot (dea), indicat după fiecare proiect.

ISO/IEC JTC 1 TEHNOLOGIA INFORMATIEI

ISO/IEC DIS 5087-1
Information technology — City data model — Part 1: Foundation level concepts
dea: 2022-06-09

ISO/IEC/IEEE DIS 15288
Systems and software engineering — System life cycle processes
dea: 2022-06-21

ISO/IEC DIS 16388
Information technology — Automatic identification and data capture techniques — Code 39 bar code symbology specification
dea: 2022-06-20

ISO/IEC DIS 19075-9
Information technology — Guidance for the use of database language SQL — Part 9: Online analytic processing (OLAP) capabilities
dea: 2022-06-21

ISO/IEC 20008-2:2013/DAmd 2
Information technology — Security techniques — Anonymous digital signatures — Part 2: Mechanisms using a group public key — Amendment 2
dea: 2022-06-03

ISO/IEC DIS 22603-2
Information technology — Digital representation of product information — Part 2: Requirements for electronic devices with integral display
dea: 2022-06-03

ISO/IEC 23000-19:2020/DAmd 3
Information technology — Multimedia application format (MPEG-A) — Part 19: Common media application format (CMAF) for segmented media — Amendment 3: 8K HEVC, 4K HFR HEVC and Chroma Location for CMAF
dea: 2022-06-07

ISO/IEC DIS 23465-1
Card and security devices for personal identification — Programming interface for security devices — Part 1: Introduction and architecture description
dea: 2022-06-09

ISO/IEC 24790:2017/DAmd 1
Information technology — Office equipment — Measurement of image quality attributes for hardcopy output — Monochrome text and graphic images — Amendment 1
dea: 2022-06-17

ISO/IEC DIS 27035-1
Information technology – Information security incident management — Part 1: Principles and process
dea: 2022-06-06

ISO/TC 5 TEVI DIN METALE FEROASE SI RACORDURI METALICE

ISO/DIS 24131-1
Internal protection by polymeric lining for ductile iron pipes — Part 1: polyurethane lining
dea: 2022-06-20

ISO/DIS 24131-2
Internal protection by polymeric lining for ductile iron pipes — Part 2: epoxy lining
dea: 2022-06-20

ISO/TC 8 NAVE SI TEHNOLOGIE MARITIMA

ISO/DIS 4853
Ships and marine technology — A-frame launch and recovery system
dea: 2022-06-14

ISO/DIS 4864
Ships and marine technology — Jacking system appliances on self-elevating unit — General requirements
dea: 2022-06-14

ISO/DIS 23453
Ships and marine technology — Guidelines for the design and manufacture of the hub cap with fins for a fixed-pitch marine propeller
dea: 2022-06-07

ISO/DIS 24569
Ships and marine technology — External firefighting system test method
dea: 2022-06-09

ISO/TC 10 DOCUMENTATIE TEHNICA DE PRODUS

ISO/DIS 6284
Construction drawings — Indication of limit deviations
dea: 2022-06-16

ISO/TC 20 AERONAUTICA SI SPATIU

ISO/DIS 14625
Space systems — Ground support equipment for use at launch, landing or retrieval sites — General requirements
dea: 2022-06-06

ISO/DIS 24355
General requirements of flight control system for civil small and light multirotor UAS
dea: 2022-06-09

ISO/TC 22 VEHICULE RUTIERE

ISO/DIS 6626-2
Internal combustion engines — Piston rings — Part 2: Coil-spring-loaded oil control rings of narrow width made of cast iron
dea: 2022-06-22

ISO/DIS 15500-13
Road vehicles — Compressed natural gas (CNG) fuel system components — Part 13: Pressure relief device (PRD)
dea: 2022-05-31

ISO/DIS 15830-4
Road vehicles — Design and performance specifications for the WorldSID 50th percentile male side impact dummy — Part 4: User's manual
dea: 2022-06-13

ISO/DIS 20766-15
Road vehicles — Liquefied petroleum gas (LPG) fuel system components — Part 15: Excess flow valve
dea: 2022-06-06

ISO/DIS 21994
Passenger cars — Stopping distance at straight-line braking with ABS — Open-loop test method
dea: 2022-06-01

ISO/DIS 22135
Road vehicles — Heavy commercial vehicles and buses — Calculation method for steady state rollover
dea: 2022-06-02

ISO/DIS 22138
Heavy commercial vehicles — Vehicle stability during tipper body operation — Tilt-table test method
dea: 2022-06-16

ISO/DIS 23684
Road vehicles — Technical Personnel dealing with Natural Gas Vehicles (NGVs) — Training and qualification
dea: 2022-06-03

ISO/DIS 23820
Road vehicles — Determination of the filtration efficiency of urea filters
dea: 2022-06-20

ISO/TC 23 TRACTOARE SI MATERIALE AGRICOLE SI FORESTIERE

ISO/DIS 3600
Tractors, machinery for agriculture and forestry, powered lawn and garden equipment — Operator's manuals — Content and format
dea: 2022-06-09

ISO/TC 28 PRODUSE PETROLIERE SI LUBRIFIANTI

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Determination of flash point – Method for flash no-flash and flash point by small scale closed cup

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dea: 2022-06-22

ISO/TC 34 PRODUSE ALIMENTARE

ISO/DIS 734
Oilseed meals — Determination of oil content — Extraction method with hexane (or light petroleum)
dea: 2022-06-08

ISO/DIS 12872
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dea: 2022-06-08

ISO/DIS 16578
Molecular biomarker analysis — Requirements for microarray detection of specific nucleic acid sequences
dea: 2022-06-16

ISO/DIS 22935-1
Milk and milk products — Sensory analysis — Part 1: General guidance for the recruitment, selection, training and monitoring of assessors
dea: 2022-06-14

ISO/DIS 22935-2
Milk and milk products — Sensory analysis — Part 2: Recommended methods for sensory evaluation
dea: 2022-06-14

ISO/DIS 22935-3
Milk and milk products — Sensory analysis — Part 3: Guidance on a method for evaluation of compliance with product specifications for sensory properties by scoring
dea: 2022-06-14

ISO/DIS 23942
Determination of hydroxytyrosol and tyrosol content in extra virgin olive oils — Reverse phase high performance liquid chromatography (RP-HPLC) method
dea: 2022-06-06

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ISO/DIS 4618
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dea: 2022-06-06

ISO/DIS 7142
Binders for paints and varnishes — Epoxy resins — General methods of test
dea: 2022-06-06

ISO/DIS 22553-15
Paints and varnishes — Electro-deposition coatings — Part 15: Permeate residues
dea: 2022-06-07

ISO/DIS 22553-16
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ISO/DIS 24620-4
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dea: 2022-06-21

ISO/TC 41 ROTI SI CURELE (INCLUSIV CURELE TRAPEZOIDALE)

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Steel cord conveyor belts — Cord-to-coating bond test — Initial test and after thermal treatment
dea: 2022-06-16

ISO/TC 42 FOTOGRAFIE

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Imaging materials — Photographic reflection prints — Methods for measuring indoor light stability — Part 1: General guidance — Part 1: General guidance
dea: 2022-06-13

ISO/DIS 18937-2
Imaging materials — Photographic reflection prints — Methods for measuring indoor light stability — Part 2: Xenon-arc lamp exposure
dea: 2022-06-20

ISO/TC 44 SUDARE SI PROCEDEE CONEXE

ISO/DIS 24394
Welding for aerospace applications — Qualification test for welders and welding operators — Fusion welding of metallic components
dea: 2022-06-07

ISO/TC 45 ELASTOMERI SI PRODUSE PE BAZA DE ELASTOMERI

ISO/DIS 23794
Rubber, vulcanized or thermoplastic — Abrasion testing — Guidance
dea: 2022-06-13

ISO/TC 58 BUTELII PENTRU GAZ

ISO/DIS 11623
Gas cylinders — Composite cylinders and tubes — Periodic inspection and testing
dea: 2022-06-01

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

ISO/DIS 16961
Petroleum, petrochemical and natural gas industries — Internal coating and lining of steel storage tanks
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Measurement of the radioactivity in the environment – Air: tritium – Test Method using bubbler sampling
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ISO/DIS 23588
Radiological protection — General requirements for proficiency tests for in vivo radiobioassay
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ISO/TC 92 SECURITATE LA INCENDIU

ISO/DIS 20902-2
Fire test procedures for divisional elements that are typically used in oil, gas and petrochemical industries — Part 2: Additional procedures for pipe penetration and cable transit sealing systems
dea: 2022-06-21

ISO/DIS 21843
Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels
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ISO/TC 106 STOMATOLOGIE

ISO/DIS 3630-4
Dentistry — Endodontic instruments — Part 4: Auxiliary instruments
dea: 2022-06-09

ISO/DIS 15854
Dentistry — Casting and baseplate waxes
dea: 2022-06-22

ISO/TC 126 TUTUN SI PRODUSE DIN TUTUN

ISO/DIS 15592-3
Fine-cut tobacco and smoking articles made from it — Methods of sampling, conditioning and analysis — Part 3: Determination of total particulate matter of smoking articles using a routine analytical smoking machine, preparation for the determination of water and nicotine, and calculation of nicotine-free dry particulate matter
dea: 2022-06-15

ISO/DIS 23906-2
Cigarettes — Determination of benzo[a]pyrene in cigarette mainstream smoke with an intense smoking regime using GC/MS — Part 2: Method using cyclohexane as extraction solvent
dea: 2022-06-15

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Graphic technology — Exchange format for colour and process control data using XML or ASCII text
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ISO/DIS 23369
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ISO/DIS 23627
Plastics piping systems for non-pressure underground drainage and sewerage – Steel-Reinforced-Polyethylene (SRPE) - Corrugated Pipes and fittings
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ISO/DIS 5115
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dea: 2022-06-15

ISO/DIS 5117
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ISO/DIS 25062
Systems and software engineering — Systems and Software Quality Requirements and Evaluation (SQuaRE) — Common Industry Format (CIF) for usability: Quantitative usability test report
dea: 2022-06-09

ISO/TC 162 USI SI FERESTRE

ISO/DIS 24084
Curtain walling — Inter-storey displacement resistance — Test method
dea: 2022-06-17

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Energy performance of buildings — Overarching EPB assessment — Part 3: General Principles for determination and reporting of Primary Energy Factors (PEF) and CO2 emission coefficients
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ISO/DIS 23701
Optics and photonics — Laser and laser-related equipment — Photothermal technique for absorption measurement and mapping of optical laser components
dea: 2022-06-17

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Data quality — Part 117: Application of ISO 8000-115 to identifiers in distributed ledgers including blockchains
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ISO/DIS 8000-51
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dea: 2022-06-08

ISO/DIS 23704-3
General requirements for cyber-physically controlled smart machine tool systems (CPSMT) — Part 3: Reference architecture of CPSMT for additive manufacturing
dea: 2022-06-06

ISO/TC 188 NAVE MICI

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Small craft — Field of vision from the steering position — Amendment 1: Title missing
dea: 2022-06-10

ISO/TC 193 GAZE NATURALE

ISO/DIS 2613-1
Analysis of natural gas — Silicon content of biomethane — Part 1: Determination of total silicon content by AES
dea: 2022-06-14

ISO/TC 195 MASINI SI UTILAJE PENTRU CONSTRUCTII

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dea: 2022-06-16

ISO/TC 199 SECURITATEA MASINILOR
ISO/DIS 14119.2
Safety of machinery — Interlocking devices associated with guards — Principles for design and selection
dea: 2022-05-12

ISO/TC 206 CERAMICA TEHNICA

ISO/DIS 3169
Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of impurities in aluminium oxide powders using inductively coupled plasma-optical emission spectrometry
dea: 2022-06-06

ISO/DIS 4825-1
Fine ceramics (advanced ceramics, advanced technical ceramics) --Test method for thermal property measurements of metalized ceramic substrates — Part 1: Evaluation of thermal resistance for use in power modules
dea: 2022-06-02

ISO/TC 207 MANAGEMENTUL MEDIULUI

ISO/DIS 14002-2
Environmental management systems — Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area — Part 2: Water
dea: 2022-06-15

ISO/DIS 14093
Mechanism for financing local adaptation to climate change — Performance-based climate resilience grants — Requirements and guidelines
dea: 2022-06-16

ISO/TC 227 ARCURI

ISO/DIS 22705-2
Springs — Measurement and test parameters — Part 2: Cold formed cylindrical helical extension

springs
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ISO/TC 249 MEDICINA TRADITIONALA CHINEZEASCA

ISO/DIS 4564
Traditional Chinese Medicine — Scutellaria baicalensis root
dea: 2022-05-31

ISO/TC 282 RECICLAREA APEI

ISO/DIS 22519
Membrane based generation of WFI
dea: 2022-06-13

ISO/TC 292 SECURITATE
ISO/DIS 22378
Security and resilience — Authenticity, integrity and trust for products and documents — Guidelines for interoperable object identification and related authentication systems to deter counterfeiting and illicit trade
dea: 2022-06-15

PROIECTE DE STANDARDE / DOCUMENTE DE STANDARDIZARE INTERNAŢIONALE IEC SUPUSE ANCHETEI PUBLICE

*În perioada **2022.03.01** – **2022.03.31***

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dea: 2022-06-17

IEC/TC 3 STRUCTURI DE INFORMARE, DOCUMENTATIE SI SIMBOLURI GRAFICE

IEC 62648 ED2
Graphical symbols for use on equipment - Guidelines for the inclusion of graphical symbols in IEC publications
dea: 2022-06-17

IEC/TC 4 TURBINE HIDRAULICE

IEC 63132-5 ED1
Guide for installation procedures and tolerances of hydroelectric machines - Part 5: Bulb turbines and generators
dea: 2022-06-10

IEC 63132-6 ED1
Guide for installation procedures and tolerances of hydroelectric machines - Part 6: Vertical Pelton turbines
dea: 2022-06-17

IEC/IEEE 63198-2775 ED1
Technical Guide for Smart Hydroelectric Power Plant
dea: 2022-06-10

IEC/TC 17 APARATAJ ELECTRIC

IEC 62271-207 ED3
High-voltage switchgear and controlgear - Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV
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IEC/TC 22 SISTEME SI ECHIPAMENTE PENTRU ELECTRONICA DE PUTERE

IEC 61800-3 ED4
Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods for PDS and machine tools
dea: 2022-05-06

IEC/TC 32 SIGURANTE ELECTRICE

IEC 60269-1/AMD3 ED4
Amendment 3 - Low-voltage fuses - Part 1: General requirements
dea: 2022-06-03

IEC 60269-2/AMD2 ED5
Amendment 2 - Low-voltage fuses - Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K
dea: 2022-06-03

IEC 60269-4/AMD3 ED5
Amendment 3 - Low-voltage fuses - Part 4:

Supplementary requirements for fuse-links for the protection of semiconductor devices
dea: 2022-06-10

IEC/TC 36 IZOLATOARE ELECTRICE

IEC 61462 ED2
Composite hollow insulators - Pressurized and unpressurized insulators for use in electrical equipment with AC rated voltage greater than 1 000 V AC and D.C. voltage greater than 1500V - Definitions, test methods, acceptance criteria and design recommendations
dea: 2022-06-10

IEC 62772 ED2
Composite hollow core station post insulators for substations with a.c. voltage greater than 1 000 V and d.c. voltage greater than 1 500 V - Definitions, test methods and acceptance criteria
dea: 2022-06-10

IEC/TC 40 CONDENSATOARE SI REZISTOARE ELECTRONICE

IEC 60115-4 ED3
Fixed resistors for use in electronic equipment - Part 4: Sectional specification: Power resistors for through hole assembly on circuit boards (THT) or for assembly on chassis
dea: 2022-05-27

IEC 60384-14 ED5
Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains
dea: 2022-05-06

IEC 60384-20 ED4
Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors
dea: 2022-06-03

IEC 60384-23 ED3
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dea: 2022-06-03

IEC 60393-3 ED3
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IEC/TC 46 CABLURI, CONDUCTOARE, GHIDURI DE UNDA, CONECTOARE DE RADIOFRECVENTA, COMPONENTE SI ACCESORII PASIVE PENTRU MICROUNDE SI RADIOFRECVENTA

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Multicore and symmetrical pair/quad cables for digital communications - Part 11: Symmetrical single pair cables with transmission characteristics up to 1,25 GHz - Horizontal floor wiring - Sectional specification
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Semiconductor devices - Part 18-4: Semiconductor bio sensors - Evaluation method of noise characteristics of lens-free CMOS photonic array sensors
dea: 2022-06-10

IEC 60747-18-5 ED1
Semiconductor devices - Part 18-5: Semiconductor bio sensors - Evaluation method for light responsivity characteristics of lens-free CMOS photonic array sensor package modules by incident angle of light
dea: 2022-06-10

IEC 62228-6 ED1
Integrated circuit - EMC Evaluation of transceivers - Part 6: PSI5 transceivers
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IEC/TC 48 COMPONENTE ELECTROMECANICE SI STRUCTURI MECANICE PENTRU ECHIPAMENTUL ELECTRONIC

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Connectors for electrical and electronic equipment ? Part 7: Detail specification for up to 7 ways including PE or FE (data/power) and shield pin, free and fixed circular connectors for balanced single-pair data transmission with current-carrying capacity: mechanical mating information, pin assignment and additional requirements for type 7
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IEC/TC 57 CONDUCEREA SISTEMELOR ELECTRICE DE PUTERE SI SCHIMBUL DE INFORMATII ASOCIAT

IEC 62351-9 ED2
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IEC/TC 62 ECHIPAMENTE ELECTROMEDICALE

IEC 60601-2-46 ED4
Medical electrical equipment - Part 2-46: Particular requirements for the basic safety and essential performance of operating tables
dea: 2022-06-17

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dea: 2022-06-17

IEC/TC 65 MASURA SI COMANDA ÎN PROCESELE INDUSTRIALE

IEC 61010-2-203 ED1
Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-203: Particular requirements for industrial communication circuits and communication port interconnection
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IEC 61784-5-19 ED2
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dea: 2022-06-03

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