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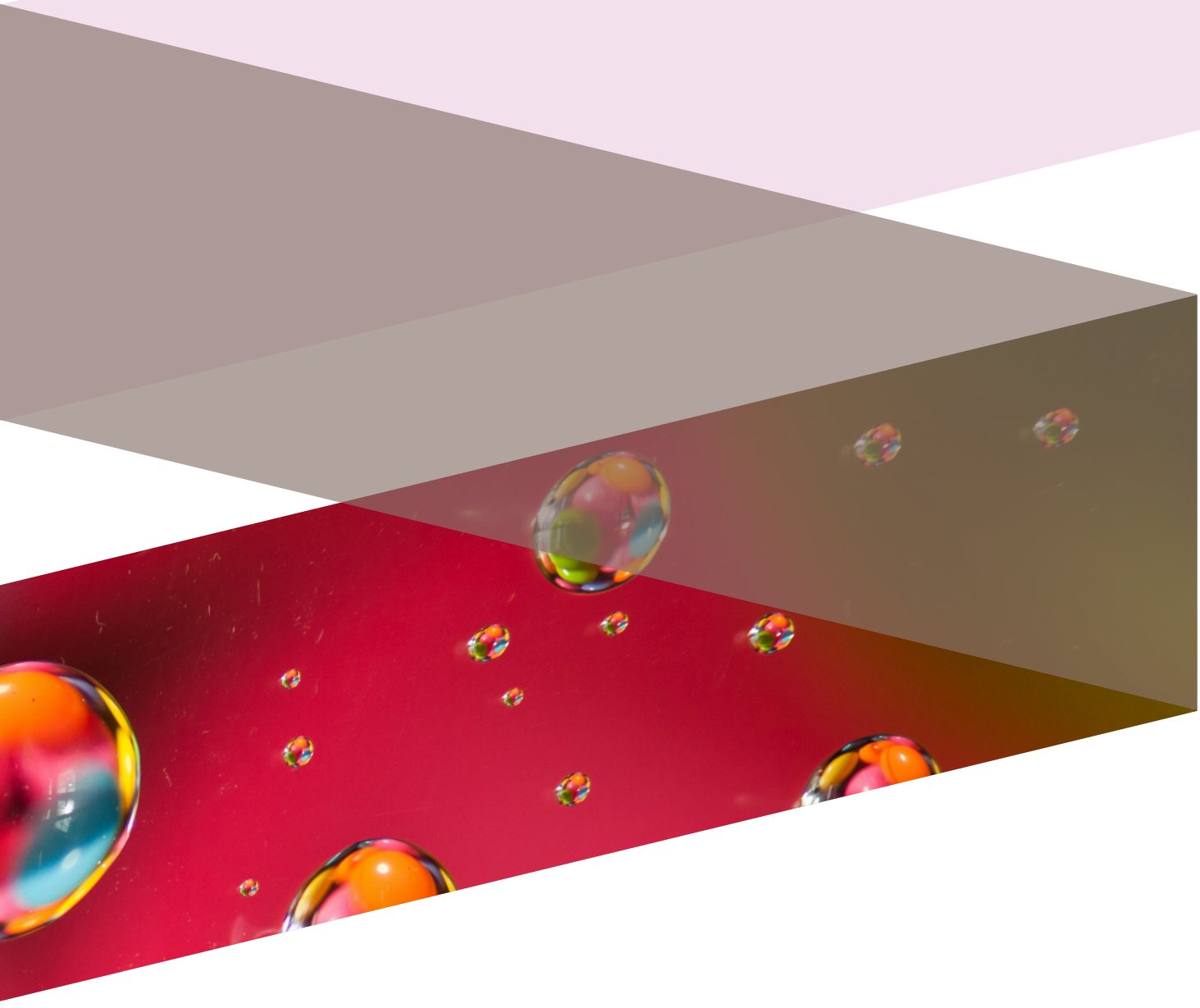

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STANDARDIZAREA NAŢIONALĂ

STANDARDE APROBATE

*Standardele române de mai jos au fost aprobate în luna **ianuarie 2023**. 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.

Informaţii privind standardele anulate sunt date în rubrica STANDARDE ANULATE.

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SR EN IEC 63207:2023
A
Metode de măsurare a caracteristicilor luminii albastre şi a performanţei optice aferente pentru terminalele de afişare vizuală

35.200 Echipament de interfaţă şi interconectare
CT 375
SR EN IEC 62680-4-1:2023
A
Interfețe de magistrală serială universală pentru date și alimentare electrică. Partea 4-1: Specificații USB4

35.240.60 Aplicaţii IT în transport
CT 345
SR EN 15531-2:2023
A
Transport public. Interfaţă de serviciu pentru informaţii în timp real referitoare la operaţiunile de transport public. Partea 2: Infrastructură de comunicaţii
Inlocuieste SR EN 15531-2:2016

CT 345
SR EN 12896-10:2023
A
Transport public. Model de date de referinţă. Partea 10: Moduri alternative

35.240.80 Aplicaţii IT în medicină
CT 319
SR EN ISO 13131:2023
A
Informatică medicală. Servicii de telemedicină. Linii directoare pentru planificarea calităţii

43.120 Vehicule rutiere electrice

CT 11
SR EN IEC 62196-3:2023
A
Fişe, prize, prize mobile pentru vehicul şi conectoare de vehicul. Încărcare conductivă a vehiculelor electrice. Partea 3: Prescripţii dimensionale de compatibilitate pentru cuple pentru vehicul cu ştifturi şi teci de contact pentru curent continuu şi pentru curent alternativ și continuu
Inlocuieste SR EN 62196-3:2015

CT 11
SR EN IEC 62196-1:2023
A
Fişe, prize, prize mobile pentru vehicul şi conectoare de vehicul. Încărcare conductivă a vehiculelor electrice. Partea 1: Prescripţii generale
Inlocuieste SR EN 62196-1:2015

CT 11
SR EN IEC 62196-2:2023
A
Fişe, prize, prize mobile pentru vehicul şi conectoare de vehicul. Încărcare conductivă a vehiculelor electrice. Partea 2: Prescripţii dimensionale de compatibilitate pentru accesorii cu ştifturi şi teci de contact de curent alternativ
Inlocuieste SR EN 62196-2:2017

CT 333
SR EN IEC 63119-2:2023
A
Schimb de informații pentru serviciul de roaming pentru încărcarea vehiculelor electrice. Partea 2: Cazuri de utilizare

45.040 Materiale şi componente pentru căi ferate
CT 146
SR EN 15611+A1:2023
A
Aplicaţii feroviare. Frânare. Ventil cântărire
Inlocuieste SR EN 15611:2020

45.060.01 Material rulant pentru căi ferate în general
CT 146
SR EN 15085-3:2023
A
Aplicaţii feroviare. Sudarea vehiculelor feroviare şi a componentelor. Partea 3: Cerinţe pentru proiectare
Inlocuieste SR EN 15085-3:2008

45.100 Echipament pentru transportoare aeriane pe cablu
CT 85
SR EN 13796-3+A1:2023
A
Cerinţe de securitate pentru instalaţiile de transport pe cablu pentru persoane. Vehicule. Partea 3: Încercări la oboseală
Inlocuieste SR EN 13796-3:2017

47.080 Nave de agrement
CT 199
SR EN ISO 15083:2020/A1:2023
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Nave mici. Sisteme de pompe de santină

59.080.30 Ţesături din textile
CT 103
SR EN 17534:2023
A
Materiale textile. Efecte fiziologice. Măsurarea transferului transpirației lichide și a efectului de tamponare

59.140.30 Piei şi blănuri
CT 102
SR EN ISO 7906:2023
A
Piele. Încercări pentru rezistența culorii. Principii generale privind încercarea

61.060 Încălţăminte
CT 102
SR EN ISO 19410-1:2023
A
Dimensionarea încălțămintei. Măsurarea în interior. Partea 1: Lungimea încălțămintei

65.080 Îngrăşăminte
CT 285
SR EN 12580:2023
A
Amelioratori de sol şi substraturi de cultură. Determinarea cantităţii
Inlocuieste SR EN 12580:2014

CT 285
SR EN 15238:2023
A
Amelioratori de sol şi substraturi de cultură. Determinarea cantităţii pentru materiale cu granulometrie mai mare de 60 mm
Inlocuieste SR EN 15238:2007

75.080 Produse petroliere în general
CT 320
SR EN ISO 3679:2023
A
Determinarea punctului de inflamabilitate. Metodă pentru inflamabilitatea de tip trece-nu trece şi pentru punctul de inflamabilitate în vas închis la scară mică
Inlocuieste SR EN ISO 3679:2015

75.180.20 Maşini şi utilaje pentru prelucrarea petrolului
CT 169
SR EN ISO 13704:2023
A
Industriile petrolului, petrochimiei şi gazelor naturale. Calculul grosimii țevilor de încălzire în rafinăriile de petrol

Inlocuieste SR EN ISO 13704:2008

75.180.30 Măsurarea volumului şi aparatura corespunzătoare
CT 320
SR EN ISO 7278-2:2023
A
Sisteme de măsurare a produselor petroliere. Partea 2: Proiectarea, etalonarea și funcționarea tuburilor etalon
Inlocuieste SR EN ISO 7278-2:2002

77.060 Coroziunea metalelor
CT 157
SR EN ISO 9227:2023
A
Încercări la coroziune în atmosfere artificiale. Încercări în ceaţă salină
Inlocuieste SR EN ISO 9227:2017

CT 157
SR EN ISO 10062:2022
A
Încercări la coroziune în atmosferă artificială la concentraţii foarte scăzute ale gazului (gazelor) poluant(e)
Inlocuieste SR EN ISO 10062:2008

77.080.01 Metale feroase în general
CT 42
SR EN ISO 14284:2023
A
Fonte şi oţeluri. Prelevarea şi pregătirea probelor pentru determinarea compoziţiei chimice
Inlocuieste SR EN ISO 14284:2003

77.140.10 Oţeluri pentru tratament termic
CT 42
SR EN 10025-6+A1:2023
A
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Inlocuieste SR EN 10025-6:2019

77.140.50 Produse şi semi-produse plate din oţel
CT 42
SR EN 10025-6+A1:2023
A
Produse laminate la cald din oţeluri de construcţii. Partea 6: Condiţii tehnice de livrare pentru produse plate din oţeluri cu limită de curgere ridicată în stare călită şi revenită
Inlocuieste SR EN 10025-6:2019

81.040.20 Sticlă pentru construcţii
CT 122
SR EN 17635:2023
A
Sticlă pentru construcţii. Proprietăți referitoare la spargere. Condiții și metode de evaluare

81.060.30 Ceramică de tehnică avansată
CT 119
SR EN ISO 21814:2023
A
Ceramici tehnice (ceramici avansate, ceramici tehnice avansate). Metode de analiză chimică a pulberilor de nitrură de aluminiu
Inlocuieste SR EN 725-4:2006

CT 119
SR EN ISO 21821:2023
A
Ceramici tehnice (ceramici avansate, ceramici tehnice avansate). Determinarea proprietăților de densificare a pulberilor ceramice sinterizate natural
Inlocuieste SR EN 725-11:2006

CT 119
SR EN ISO 21813:2023
A
Ceramici tehnice (ceramici avansate, ceramici tehnice avansate). Metode de analiză chimică a pulberilor de titanat de bariu de înaltă puritate

Inlocuieste SR EN 725-2:2008

83.080.20 Materiale termoplastice
CT 108
SR EN ISO 306:2023
A
Materiale plastice. Materiale termoplastice. Determinarea temperaturii de înmuiere Vicat (VST)
Inlocuieste SR EN ISO 306:2014

85.040 Celuloze
CT 221
SR EN ISO 187:2023
A
Hârtie, carton şi celuloze. Atmosferă standard de condiţionare şi de încercare şi metodă de supraveghere a atmosferei şi de condiţionare a eşantioanelor
Inlocuieste SR EN 20187:1996

85.060 Hârtie şi carton
CT 221
SR EN ISO 187:2023
A
Hârtie, carton şi celuloze. Atmosferă standard de condiţionare şi de încercare şi metodă de supraveghere a atmosferei şi de condiţionare a eşantioanelor
Inlocuieste SR EN 20187:1996

87.040 Vopsele şi emailuri
CT 338
SR EN 13300:2022
A
Vopsele şi lacuri. Vopsele și lacuri pentru pereţi şi tavane interioare. Clasificare
Inlocuieste SR EN 13300:2002

CT 338
SR EN 927-2:2023
A
Vopsele şi lacuri. Produse şi sisteme de vopsire pentru lemnul utilizat la exterior. Partea 2: Criterii de performanţă
Inlocuieste SR EN 927-2:2015

CT 338
SR EN ISO 7784-3:2023
A
Vopsele şi lacuri. Determinarea rezistenţei la abraziune. Partea 3: Metoda utilizând o roată acoperită cu hârtie abrazivă și o epruvetă antrenată de o mişcare liniară de du-te-vino
Inlocuieste SR EN ISO 7784-3:2016

CT 338
SR EN ISO 1522:2023
A
Vopsele şi lacuri. Încercarea de amortizare a pendulului
Inlocuieste SR EN ISO 1522:2007

CT 338
SR EN ISO 4628-5:2023
A
Vopsele şi lacuri. Evaluarea cantității și dimensiunii defectelor, precum și a intensității modificărilor uniforme ale aspectului. Partea 5: Aprecierea gradului de exfoliere
Inlocuieste SR EN ISO 4628-5:2016

CT 320
SR EN ISO 3679:2023
A
Determinarea punctului de inflamabilitate. Metodă pentru inflamabilitatea de tip trece-nu trece şi pentru punctul de inflamabilitate în vas închis la scară mică
Inlocuieste SR EN ISO 3679:2015

87.060.10 Pigmenţi şi materiale de umplutură
CT 338
SR EN ISO 18314-3:2023
A
Analiză colorimetrică. Partea 3: Indici speciali
Inlocuieste SR EN ISO 18314-3:2019

91.010.30 Aspecte tehnice referitoare la construcţii
CT 343
SR EN 1993-1-1:2023
A
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri

Inlocuieste SR EN 1993-1-1:2006

91.060.20 Acoperişuri
CT 113
SR EN 14437:2023
A
Determinarea rezistenţei la ridicare a ţiglelor de argilă arsă sau de beton montate pe acoperiş. Metodă de încercare a sistemului de acoperiş
Inlocuieste SR EN 14437:2006

91.060.50 Uşi şi ferestre
CT 217
SR EN 15269-3:2023
A
Extinderea domeniului de aplicare a rezultatelor încercării privind rezistența la foc și/sau etanșeitatea la fum a ansamblurilor de uși, obloane și ferestre mobile, inclusiv a elementelor de feronerie ale acestora. Partea 3: Rezistența la foc a ansamburilor de uși de lemn cu balamale și pivoți și a ferestrelor mobile cu tocuri de lemn
Inlocuieste SR EN 15269-3:2013

CT 217
SR EN 17020-1:2023
A
Extinderea domeniului de aplicare a rezultatelor încercării privind durabilitatea închiderii automate a ansamblurilor de uși și a ferestrelor mobile rezistente la foc și/sau etanșe la fum. Partea 1: Durabilitatea închiderii automate a ansamburilor de uși din oțel cu balamale și pivoți

91.080.13 Structuri de oţel
CT 343
SR EN 1993-1-1:2023
A
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri

Inlocuieste SR EN 1993-1-1:2006

91.080.40 Structuri de beton
CT 321
SR EN 17678-1:2023
A
Instalarea kiturilor de post-tensionare pentru structuri pretensionate. Partea 1: Competența personalului

91.100.01 Materiale de construcţii în general
CT 113
SR EN 17637:2023
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Produse pentru construcții. Evaluarea emisiilor de substanțe periculoase. Evaluarea dozei de radiație gama emise

91.100.15 Materiale şi produse minerale
CT 321
SR EN 933-5:2023
A
Încercări pentru determinarea caracteristicilor geometrice ale agregatelor. Partea 5: Determinarea procentului de suprafeţe concasate şi sfărâmate din agregate grosiere
Inlocuieste SR EN 933-5:2001

91.100.30 Beton şi produse din beton
CT 321
SR EN 14487-1:2023
A
Beton pulverizat. Partea 1: Definiţii, specificaţii şi conformitate
Inlocuieste SR EN 14487-1:2006

CT 321
SR EN 16757:2023
A
Dezvoltarea durabilă a lucrărilor de construcţie. Declaraţii de mediu pentru produse. Reguli pentru categoria produselor pentru beton şi elemente din beton
Inlocuieste SR EN 16757:2017

91.100.60 Materiale pentru izolaţie termică şi fonică
CT 113
SR EN ISO 29469:2023
A
Produse termoizolante destinate utilizării la clădiri. Determinarea comportării la compresiune

Inlocuieste SR EN 826:2013

CT 113
SR EN ISO 29466:2023
A
Produse termoizolante destinate utilizării la clădiri. Determinarea grosimii
Inlocuieste SR EN 823:2013

CT 113
SR EN ISO 29766:2023
A
Produse termoizolante destinate utilizării la clădiri. Determinarea rezistenţei la tracţiune paralel cu feţele

Inlocuieste SR EN 1608:2013

91.140.50 Sisteme de alimentare cu energie electrică
CT 136
SR HD 60364-5-54:2012/A1:2023
A

Instalaţii electrice de joasă tensiune. Partea 5-54: Alegerea şi montarea echipamentelor electrice. Instalaţii de legare la pământ şi conductoare de protecţie

CT 136
SR HD 60364-5-52:2011/A12:2023
A
Instalaţii electrice de joasă tensiune. Partea 5-52: Alegerea şi montarea echipamentelor electrice. Sisteme de pozare

93.080.20 Materiale de construcţii pentru drumuri
CT 187
SR EN 12697-33+A1:2023
A
Mixturi asfaltice. Metode de încercare. Partea 33: Confecţionarea epruvetelor cu compactorul cu placă
Inlocuieste SR EN 12697-33:2019

97.030 Aparate electrocasnice în general
CT 238
SR EN IEC 63237-1:2023
A
Aparate electrice de uz casnic și similare. Proprietăți informații despre produs. Partea 1: Fundamente

97.100.10 Aparate de încălzit electrice
CT 239
SR EN 60335-2-8:2016/A2:2023
A
Aparate electrice pentru uz casnic şi scopuri similare. Securitate. Partea 2-8: Prescripţii particulare pentru aparate de ras, maşini de tuns şi aparate similare

97.170 Echipamente pentru îngrijirea corpului
CT 239
SR EN 60335-2-8:2016/A11:2023
A
Aparate electrice pentru uz casnic şi scopuri similare. Securitate. Partea 2-8: Prescripţii particulare pentru aparate de ras, maşini de tuns şi aparate similare

CT 239
SR EN 60335-2-8:2016/A12:2023
A
Aparate electrice pentru uz casnic şi scopuri similare. Securitate. Partea 2-8: Prescripţii particulare pentru aparate de ras, maşini de tuns şi aparate similare

97.180 Echipamente menajere şi comerciale diverse
CT 238
SR EN IEC 62947:2023
A
Scaune de toaletă electrice cu pulverizare cu apă pentru uz casnic și similar. Metode de măsurare a performanței. Metode generale de încercare pentru scaunele de toaletă cu pulverizare cu apă

97.200.10 Echipamente pentru teatru, scenă şi studio
CT 66
SR EN 17736:2023
A
Tehnologii pentru industria de divertisment. Specificaţii pentru proiectarea şi fabricarea de platforme și cadre de scenă din aluminiu

97.220.10 Instalaţii sportive
CT 66
SR EN ISO 23659:2023
A
Structuri pentru sport şi activităţi recreaţionale. Parcuri de trambuline. Cerințe de securitate

STANDARDE ANULATE

*Standardele române de mai jos au fost anulate în luna **ianuarie 2023**, fie prin înlocuire, fie printr-o decizie de anulare.*

Pentru standardele anulate prin înlocuire sunt precizate şi standardele înlocuitoare.

01.040.61 Industria de confecţii (Vocabulare)
STAS 8035-67 E
Confecţii din ţesături. Terminologie

01.040.91 Construcţii şi materiale de construcţii. (Vocabulare)
SR EN 14487-1:2006 NCT
Beton pulverizat. Partea 1: Definiţii, specificaţii şi conformitate
Inlocuit prin SR EN 14487-1:2023

03.120.10 Managementul calităţii şi asigurarea calităţii
SR EN ISO 15189:2013 NCT
Laboratoare medicale. Cerinţe pentru calitate şi competenţă
Inlocuit prin SR EN ISO 15189:2023

SR EN ISO 22870:2017 NCT
Analize la locul de îngrijire al pacientului (POCT). Cerinţe referitoare la calitate şi competenţă
Inlocuit prin SR EN ISO 15189:2023

11.100.01 Medicină de laborator în general
SR EN ISO 15189:2013 NCT
Laboratoare medicale. Cerinţe pentru calitate şi competenţă
Inlocuit prin SR EN ISO 15189:2023

SR EN ISO 22870:2017 NCT
Analize la locul de îngrijire al pacientului (POCT). Cerinţe referitoare la calitate şi competenţă
Inlocuit prin SR EN ISO 15189:2023

13.020.20 Economia mediului. Durabilitate
SR ISO 37101:2022 T
Dezvoltare sustenabilă în comunitățile teritoriale. Sistem de management pentru dezvoltare sustenabilă. Cerințe și ghid pentru utilizare

Inlocuit prin SR EN ISO 37101:2023

13.220.50 Rezistenţa la foc a materialelor şi a elementelor de construcţii
SR EN 15269-3:2013 A
Extinderea domeniului de aplicare a rezultatelor încercării pentru rezistenţa la foc şi/sau etanşeitatea la fum a ansamblurilor de uşi, obloane şi ferestre care se deschid, incluzând elementele lor de feronerie. Partea 3: Rezistenţa la foc a seturilor de uşi de lemn pe balamale şi pivoţi şi a ferestrelor cu tocuri de lemn
Inlocuit prin SR EN 15269-3:2023

17.040.20 Starea suprafeţelor
SR EN 14571:2005 A
Acoperiri metalice pe materiale nemetalice. Măsurarea grosimii acoperirilor. Metoda microrezistivă
Inlocuit prin SR EN ISO 14571:2023

23.060.01 Robinetărie în general
SR EN ISO 10497:2010 T
Încercări ale aparatelor de robinetărie. Caracteristici ale încercării la foc
Inlocuit prin SR EN ISO 10497:2023

23.060.40 Regulatoare de presiune
SR EN 12067-2:2004 FCT
Dispozitive de reglare a raportului aer-gaz la arzătoare cu gaz şi aparate cu gaz. Partea 2: Dispozitive electronice
Inlocuit prin SR EN 12067-2:2023

SR EN 1643:2014 NCT
Dispozitive de securitate şi control pentru arzătoare cu gaz şi aparate care utilizează combustibili gazoşi. Sistem de control al etanşeităţii pentru robinete de închidere automate
Inlocuit prin SR EN 1643:2023

23.100.40 Conducte şi cuplaje
SR EN ISO 1179-2:2014 A
Racorduri pentru aplicaţii generale şi transmisii hidraulice şi pneumatice. Orificii şi dopuri filetate cu filet ISO 228-1 cu etanşare de elastomer sau etanşare metalică. Partea 2: Dopuri filetate serie

grea (serie S) şi serie uşoară (serie L) cu etanşare de elastomer (tip E)
Inlocuit prin SR EN ISO 1179-2:2023

25.160.10 Procedee de sudare

SR EN 15085-3:2008 NCT
Aplicaţii feroviare. Sudarea vehiculelor şi a componentelor feroviare. Partea 3: Cerinţe pentru proiectare
Inlocuit prin SR EN 15085-3:2023

25.220.10 Pregătirea suprafeţei

SR EN ISO 11127-6:2012 NCT
Pregătirea suporturilor de oţel înaintea aplicării vopselelor şi produselor similare. Metode de încercare pentru materiale abrazive nemetalice utilizate la decapare. Partea 6: Determinarea impurităţilor solubile în apă prin conductometrie
Inlocuit prin SR EN ISO 11127-6:2023

SR EN ISO 11127-7:2012 NCT
Pregătirea suporturilor de oţel înaintea aplicării vopselelor şi produselor similare. Metode de încercare pentru materiale abrazive nemetalice utilizate la decapare. Partea 7: Determinarea clorurilor solubile în apă
Inlocuit prin SR EN ISO 11127-7:2023

25.220.40 Acoperiri metalice

SR EN 14571:2005 A
Acoperiri metalice pe materiale nemetalice. Măsurarea grosimii acoperirilor. Metoda microrezistivă
Inlocuit prin SR EN ISO 14571:2023

SR EN 16866:2018 A
Acoperiri metalice şi alte acoperiri anorganice. Determinarea simultană a grosimii şi a potenţialului de electrod ale straturilor individuale din depunerile multistrat de nichel (încercarea STEP)
Inlocuit prin SR EN ISO 16866:2023

25.220.50 Emailări

SR EN ISO 13807:2009 A
Emailuri vitrifiate. Determinarea temperaturii de fisurare prin şoc termic a emailurilor pentru industria chimică
Inlocuit prin SR EN ISO 13807:2023

SR EN 15771:2010 A
Emailuri vitrifiate. Determinarea durităţii superficiale conform scării Mohs
Inlocuit prin SR EN ISO 6769:2023

SR EN ISO 28765:2016 A
Emailuri vitrifiate. Proiectarea rezervoarelor de oţel asamblate prin buloane pentru păstrarea sau tratarea apelor sau efluenţilor de ape uzate urbane sau industriale
Inlocuit prin SR EN ISO 28765:2023

27.060.01 Arzătoare şi boilere în general

SR EN 298:2012 NCT
Sisteme automate de comandă pentru arzătoare şi aparate care utilizează combustibili gazoşi sau lichizi
Inlocuit prin SR EN 298:2023

27.060.20 Arzătoare cu gaz

SR EN 12067-2:2004 FCT
Dispozitive de reglare a raportului aer-gaz la arzătoare cu gaz şi aparate cu gaz. Partea 2: Dispozitive electronice
Inlocuit prin SR EN 12067-2:2023

29.020 Electrotehnică în general

SR EN 60950-23:2006 NCT
Echipamente pentru tehnologia informaţiei. Securitate. Partea 23: Echipamente de mari dimensiuni pentru stocarea datelor
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 60950-23:2006/AC:2015 T
Echipamente pentru tehnologia informaţiei. Securitate. Partea 23: Echipamente de mari dimensiuni pentru stocarea datelor
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 60950-22:2017 NCT
Echipamente pentru tehnologia informației. Securitate. Partea 22: Echipamente destinate a fi instalate în exterior
Inlocuit prin SR EN IEC 62368-1:2020

29.220 Acumulatoare şi elemente galvanice

SR EN IEC 62680-1-2:2019 A
Interfeţe de magistrală serială universală pentru date şi alimentare electrică. Partea 1-2: Componente comune. Specificaţie USB pentru furnizarea de curent
Inlocuit prin SR EN IEC 62680-1-2:2020

29.220.01 Acumulatoare şi elemente galvanice în general

29.220.10 Baterii

29.220.20 Acumulatoare şi baterii acide

29.220.30 Acumulatoare şi baterii alcaline

29.220.99 Alte acumulatoare şi baterii

29.280 Echipament pentru tracţiune electrică

SR EN 50119:2010 T
Aplicaţii feroviare. Instalaţii fixe. Linii aeriene de contact pentru tracţiunea electrică
Inlocuit prin SR EN 50119:2020

SR EN 50119:2010/A1:2013 NCT
Aplicaţii feroviare. Instalaţii fixe. Linii aeriene de contact pentru tracţiunea electrică
Inlocuit prin SR EN 50119:2020

33.020 Telecomunicaţii în general

SR EN 300 176-1 V2.3.1:2018 A
Telecomunicaţii digitale extinse fără fir DECT). Specificaţie pentru încercare. Partea 1: Radio
Inlocuit prin SR EN 300 176-1 V2.4.1:2023

33.070.10 Reţele radio transeuropene (TETRA)

SR EN 300 176-1 V2.3.1:2018 A
Telecomunicaţii digitale extinse fără fir DECT). Specificaţie pentru încercare. Partea 1: Radio
Inlocuit prin SR EN 300 176-1 V2.4.1:2023

33.080 Reţele integrate de servicii digitale (ISDN)

SR EN 300 132-1 V2.1.1:2019 A
Ingineria mediului (EE). Interfaţa de alimentare cu energie la intrarea echipamentului de tehnologia informaţiei şi comunicaţiilor (TIC). Partea 1: Curent alternativ (c.a.)
Inlocuit prin SR EN 300 132-1 V2.2.1:2023

33.120 Componente şi accesorii pentru echipament de telecomunicaţii

SR EN IEC 62680-1-2:2019 A
Interfeţe de magistrală serială universală pentru date şi alimentare electrică. Partea 1-2: Componente comune. Specificaţie USB pentru furnizarea de curent
Inlocuit prin SR EN IEC 62680-1-2:2020

33.120.01 Componente şi accesorii în general

33.120.10 Cabluri coaxiale. Ghiduri de undă

33.120.20 Fire şi cabluri simetrice

33.120.30 Conectoare pentru frecvenţe radio

33.120.40 Antene

33.120.99 Alte componente şi accesorii

33.160.01 Tehnici audio, video şi audiovizuale în general

SR EN 62368-1:2015 A
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/AC:2015 ER
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/AC:2016 ER
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/AC:2017 ER
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/A11:2017 A
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

35.020 Tehnologia informaţiei (IT) în general

SR EN 60950-23:2006 NCT
Echipamente pentru tehnologia informaţiei. Securitate. Partea 23: Echipamente de mari dimensiuni pentru stocarea datelor
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 60950-23:2006/AC:2015 T

Echipamente pentru tehnologia informaţiei. Securitate. Partea 23: Echipamente de mari dimensiuni pentru stocarea datelor
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015 A
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/AC:2015 ER
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/AC:2016 ER
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/AC:2017 ER
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 60950-22:2017 NCT
Echipamente pentru tehnologia informației. Securitate. Partea 22: Echipamente destinate a fi instalate în exterior
Inlocuit prin SR EN IEC 62368-1:2020

SR EN 62368-1:2015/A11:2017 A
Echipamente audio/video şi pentru tehnologia informaţiei şi comunicaţiilor. Partea 1: Cerinţe de securitate
Inlocuit prin SR EN IEC 62368-1:2020

35.200 Echipament de interfaţă şi interconectare

SR EN IEC 62680-1-2:2019 A
Interfeţe de magistrală serială universală pentru date şi alimentare electrică. Partea 1-2: Componente comune. Specificaţie USB pentru furnizarea de curent
Inlocuit prin SR EN IEC 62680-1-2:2020

35.240.60 Aplicaţii IT în transport

SR EN 15531-2:2016 A
Transport public. Interfaţă de serviciu pentru informaţii în timp real referitoare la operaţiunile de transport public. Partea 2: Infrastructură de comunicaţii
Inlocuit prin SR EN 15531-2:2023

45.040 Materiale şi componente pentru căi ferate

SR EN 15611:2020 A
Aplicații feroviare. Frânare. Ventil cântărire
Inlocuit prin SR EN 15611+A1:2023

45.060.01 Material rulant pentru căi ferate în general

SR EN 15085-3:2008 NCT
Aplicaţii feroviare. Sudarea vehiculelor şi a componentelor feroviare. Partea 3: Cerinţe pentru proiectare
Inlocuit prin SR EN 15085-3:2023

45.100 Echipament pentru transportoare aeriane pe cablu

SR EN 13796-3:2017 A
Cerinţe de securitate pentru instalaţiile de transport pe cablu pentru persoane. Vehicule. Partea 3: Încercări la oboseală
Inlocuit prin SR EN 13796-3+A1:2023

59.060.01 Fibre textile în general

STAS 6806-78 E
Pale din lână şi pale din fibre chimice. Reguli pentru verificarea calităţii

STAS 8521-77 E
Pale din lână şi pale din fibre chimice tip lână. Determinarea lungimii bărbii şi înălţimii fibrelor cu sortatorul cu câmp de piepteni

59.060.20 Fibre chimice

STAS 8833-80 E
Pale din fibre poliesterice tip lână

STAS 9139/1-72 E
Fibre şi fire chimice. Determinarea conţinutului de bioxid de titan

STAS 9139/3-72 E
Fibre şi fire de celofibră. Determinarea conţinutului de substanţe solubile în soluţii diluate de hidroxid de sodiu

STAS 9139/7-79 E
Fire. Determinarea gradului de echilibru al torsiunii

STAS 9139/9-73 E

Fibre şi fire de viscoză. Determinarea conţinutului de sulf elementar

STAS 9139/11-80 **E**
Fibre chimice. Determinarea uniformităţii culorii la vopsirea firelor poliamidice

STAS 6483/2-69 **E**
Fire liberiene. Determinarea sarcinii de rupere în şuviţă

STAS 6483/3-69 **E**
Fire liberiene. Determinarea conţinutului de fibre înnegrite

STAS 6483/6-78 **E**
Fibre liberiene. Determinarea flexibilităţii fuiorului

59.080.01 Textile în general

STAS 9051/11-75 **E**
Suporturi textile acoperite cu elastomeri sau materiale plastice. Comportarea la flacără. Clasificare şi metode de încercare

STAS 9155-73 **E**
Materiale textile celulozice. Condiţii tehnice pentru eficacitatea ignifugării

STAS 10396-75 **E**
Mătase naturală (soiul Bombyx Mory). Determinarea degradării

STAS 2366-69 **E**
Coloranţi şi pigmenţi organici. Reguli pentru verificarea calităţii, ambalare, marcare, depozitare şi transport

STAS 11138-78 **E**
Materiale textile. Determinarea solubilităţii în soluţie de uree bisulfit

59.080.20 Fire textile

STAS 8833-80 **E**
Pale din fibre poliesterice tip lână

STAS 9139/1-72 **E**
Fibre şi fire chimice. Determinarea conţinutului de bioxid de titan

STAS 9139/3-72 **E**
Fibre şi fire de celofibră. Determinarea conţinutului de substanţe solubile în soluţii diluate de hidroxid de sodiu

STAS 9139/7-79 **E**
Fire. Determinarea gradului de echilibru al torsiunii

STAS 9139/9-73 **E**
Fibre şi fire de viscoză. Determinarea conţinutului de sulf elementar

STAS 9139/11-80 **E**
Fibre chimice. Determinarea uniformităţii culorii la vopsirea firelor poliamidice

59.080.30 Ţesături din textile

STAS 6497-73 **E**
Ţesături. Reguli pentru verificarea calităţii

STAS 11110-78 **E**
Ţesături textile. Stofă de mobilă. Defecte admise

59.080.40 Ţesături acoperite

STAS 9051/11-75 **E**
Suporturi textile acoperite cu elastomeri sau materiale plastice. Comportarea la flacără. Clasificare şi metode de încercare

STAS 11321-79 **E**
Ţesături mixte. Ţesături pentru furnituri de croitorie. Condiţii tehnice generale de calitate

59.080.50 Frânghii

STAS 9607/2-74 **E**
Frânghii. Luarea probelor şi a epruvetelor şi condiţionarea epruvetelor în vederea încercărilor

59.080.99 Alte produse pentru industria textilă

STAS 1642-80 **E**
Ţesături tehnice de bumbac şi tip bumbac pentru industria cauciucului

STAS 4218-77 **E**
Pâslă pentru garnituri

STAS 4592-76 **E**
Ţesături tehnice de bumbac şi de bumbac în amestec. Pânză pentru taloane de anvelope

STAS 7053-76 **E**
Pături. Clase de calitate

STAS 5688-76 **E**
Ţesături suport pentru covor PVC şi piele artificială

61.020 Îmbrăcăminte

STAS 8035-67 **E**

Confecţii din ţesături. Terminologie

STAS 6821-76 **E**
Ciorapi şi şosete din fire poliamidice supraelastice. Clase de calitate

61.040 Pălării. Accesorii pentru confecţii. Articole de pasmanterie
STAS 7292-75 **E**
Nasturi de uz general. Condiţii tehnice generale de calitate

65.080 Îngrăşăminte
SR EN 15238:2007 **A**
Amelioratori de sol şi substraturi de cultură. Determinarea cantităţii pentru materiale cu granulometrie mai mare de 60 mm
Inlocuit prin SR EN 15238:2023

SR EN 15238:2007/AC:2009 **A**
Amelioratori de sol şi substraturi de cultură. Determinarea cantităţii pentru materiale cu granulometrie mai mare de 60 mm
Inlocuit prin SR EN 15238:2023

SR EN 12580:2014 **A**
Amelioratori de sol şi substraturi de cultură. Determinarea cantităţii
Inlocuit prin SR EN 12580:2023

75.080 Produse petroliere în general
SR EN ISO 3679:2015 **A**
Determinarea inflamabilităţii de tip trece-nu trece şi a punctului de inflamabilitate. Metodă rapidă la echilibru în vas închis
Inlocuit prin SR EN ISO 3679:2023

75.160.10 Combustibili solizi
SR EN ISO 18122:2016 **NCT**
Biocombustibili solizi. Determinarea conţinutului de cenuşă
Inlocuit prin SR EN ISO 18122:2023

75.180.20 Maşini şi utilaje pentru prelucrarea petrolului
SR EN ISO 13704:2008 **A**
Industriile petrolului, petrochimiei şi gazelor naturale. Calculul grosimii tuburilor de încălzire în rafinăriile de petrol
Inlocuit prin SR EN ISO 13704:2023

SR EN ISO 13704:2008/AC:2009 **A**
Industriile petrolului, petrochimiei şi gazelor naturale. Calculul grosimii tuburilor de încălzire în rafinăriile de petrol
Inlocuit prin SR EN ISO 13704:2023

75.200 Maşini şi utilaje pentru transportul produselor petroliere şi a gazului natural
SR EN ISO 7278-2:2002 **FC**
Hidrocarburi lichide. Măsurare dinamică. Sisteme de etalonare a contoarelor volumetrice. Partea 2: Tuburi de etalonare
Inlocuit prin SR EN ISO 7278-2:2023

77.040.30 Analize chimice ale metalelor
SR EN ISO 14284:2003 **T**
Fonte şi oţeluri. Prelevarea şi pregătirea probelor pentru determinarea compoziţiei chimice
Inlocuit prin SR EN ISO 14284:2023

77.060 Coroziunea metalelor
SR EN ISO 10062:2008 **NCT**
Încercări la coroziune în atmosferă artificială la concentraţii foarte scăzute ale gazului (gazelor) poluant(e)
Inlocuit prin SR EN ISO 10062:2022

SR EN ISO 9227:2017 **A**
Încercări la coroziune în atmosfere artificiale. Încercări în ceaţă salină
Inlocuit prin SR EN ISO 9227:2023

77.140.10 Oţeluri pentru tratament termic
SR EN 10025-6:2019 **A**
Produse laminate la cald din oțeluri de construcții. Partea 6: Condiții tehnice de livrare pentru produse plate din oțeluri cu limită de curgere ridicată în stare călită și revenită
Inlocuit prin SR EN 10025-6+A1:2023

77.140.50 Produse şi semi-produse plate din oţel
SR EN 10025-6:2019 **A**
Produse laminate la cald din oțeluri de construcții. Partea 6: Condiții tehnice de livrare pentru produse plate din oțeluri cu limită de curgere ridicată în stare călită și revenită
Inlocuit prin SR EN 10025-6+A1:2023

81.060.30 Ceramică de tehnică avansată
SR EN 725-4:2006 **A**

Ceramici tehnice avansate. Metode de încercare pentru pulberi ceramice. Partea 4: Determinarea conţinutului de oxigen din nitrură de aluminiu prin analiză XRF
Inlocuit prin SR EN ISO 21814:2023

SR EN 725-11:2006 A
Ceramici tehnice avansate. Metode de încercare pentru pulberi ceramice. Partea 11: Determinarea compactării pulberilor ceramice oxidice sinterizate natural
Inlocuit prin SR EN ISO 21821:2023

SR EN 725-2:2008 A
Ceramici tehnice avansate. Metode de încercare pentru pulberi ceramice. Partea 2: Determinarea impurităţilor în titanat de bariu
Inlocuit prin SR EN ISO 21813:2023

83.080.20 Materiale termoplastice

SR EN ISO 306:2014 NCT
Materiale plastice. Materiale termoplastice. Determinarea temperaturii de înmuiere Vicat (VST)
Inlocuit prin SR EN ISO 306:2023

83.140.99 Alte produse din cauciuc şi materiale plastice

STAS 10753-76 E
Ţesături cauciucate pentru prelate de uz general. Condiţii tehnice generale de calitate

85.040 Celuloze

SR EN 20187:1996 T
Hârtie, carton şi celuloze. Atmosferă standard de condiţionare şi de încercare şi metodă de supraveghere a atmosferei şi de condiţionare a eşantioanelor
Inlocuit prin SR EN ISO 187:2023

85.060 Hârtie şi carton

SR EN 20187:1996 T
Hârtie, carton şi celuloze. Atmosferă standard de condiţionare şi de încercare şi metodă de supraveghere a atmosferei şi de condiţionare a eşantioanelor
Inlocuit prin SR EN ISO 187:2023

87.040 Vopsele şi emailuri

SR EN 13300:2002 FC
Vopsele şi lacuri. Produse de vopsire şi sisteme de acoperire pe bază de apă pentru pereţi şi tavane interioare. Clasificare
Inlocuit prin SR EN 13300:2022

SR EN 13300:2002/AC:2003 FC
Vopsele şi lacuri. Produse de vopsire şi sisteme de acoperire pe bază de apă pentru pereţi şi tavane interioare. Clasificare
Inlocuit prin SR EN 13300:2022

SR EN ISO 1522:2007 NCT
Vopsele şi lacuri. Încercarea de amortizare a pendulului
Inlocuit prin SR EN ISO 1522:2023

SR EN 927-2:2015 A
Vopsele şi lacuri. Produse şi sisteme de vopsire pentru lemnul utilizat la exterior. Partea 2: Criterii de performanţă
Inlocuit prin SR EN 927-2:2023

SR EN ISO 3679:2015 A
Determinarea inflamabilităţii de tip trece-nu trece şi a punctului de inflamabilitate. Metodă rapidă la echilibru în vas închis
Inlocuit prin SR EN ISO 3679:2023

SR EN ISO 4628-5:2016 A
Vopsele şi lacuri. Evaluarea degradării suprafeţelor acoperite. Aprecierea numărului şi dimensiunii defectelor şi a intensităţii modificărilor uniforme ale aspectului. Partea 5: Aprecierea gradului de exfoliere
Inlocuit prin SR EN ISO 4628-5:2023

SR EN ISO 7784-3:2016 A
Vopsele şi lacuri. Determinarea rezistenţei la abraziune. Partea 3: Metoda plăcii de încercare antrenată de o mişcare de du-te-vino
Inlocuit prin SR EN ISO 7784-3:2023

87.060.10 Pigmenţi şi materiale de umplutură

SR EN ISO 18314-3:2019 A
Analiză colorimetrică. Partea 3: Indici speciali
Inlocuit prin SR EN ISO 18314-3:2023

91.010.30 Aspecte tehnice referitoare la construcţii

SR EN 1993-1-1:2006 NCT
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri
Inlocuit prin SR EN 1993-1-1:2023

SR EN 1993-1-1:2006/AC:2009 T
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri
Inlocuit prin SR EN 1993-1-1:2023

SR EN 1993-1-1:2006/A1:2015 T
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri
Inlocuit prin SR EN 1993-1-1:2023

91.060.20 Acoperişuri
SR EN 14437:2006 T
Determinarea rezistenţei la ridicare a ţiglelor de argilă arsă sau de beton montate pe acoperiş. Metodă de încercare a sistemului de acoperiş
Inlocuit prin SR EN 14437:2023

91.060.50 Uşi şi ferestre
SR EN 15269-3:2013 A
Extinderea domeniului de aplicare a rezultatelor încercării pentru rezistenţa la foc şi/sau etanşeitatea la fum a ansamblurilor de uşi, obloane şi ferestre care se deschid, incluzând elementele lor de feronerie. Partea 3: Rezistenţa la foc a seturilor de uşi de lemn pe balamale şi pivoţi şi a ferestrelor cu tocuri de lemn
Inlocuit prin SR EN 15269-3:2023

91.080.13 Structuri de oţel
SR EN 1993-1-1:2006 NCT
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri
Inlocuit prin SR EN 1993-1-1:2023

SR EN 1993-1-1:2006/AC:2009 T
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri
Inlocuit prin SR EN 1993-1-1:2023

SR EN 1993-1-1:2006/A1:2015 T
Eurocod 3: Proiectarea structurilor de oţel. Partea 1-1: Reguli generale şi reguli pentru clădiri
Inlocuit prin SR EN 1993-1-1:2023

91.100.15 Materiale şi produse minerale
SR EN 933-5:2001 FCT
Încercări pentru determinarea caracteristicilor geometrice ale agregatelor. Partea 5: Determinarea procentului de suprafeţe concasate şi sfărâmate din agregate grosiere
Inlocuit prin SR EN 933-5:2023

SR EN 933-5:2001/A1:2005 T
Încercări pentru determinarea caracteristicilor geometrice ale agregatelor. Partea 5: Determinarea procentului de suprafeţe sparte în agregate
Inlocuit prin SR EN 933-5:2023

91.100.25 Produse pentru construcţii de teracotă
SR EN 14437:2006 T
Determinarea rezistenţei la ridicare a ţiglelor de argilă arsă sau de beton montate pe acoperiş. Metodă de încercare a sistemului de acoperiş
Inlocuit prin SR EN 14437:2023

91.100.30 Beton şi produse din beton
SR EN 14487-1:2006 NCT
Beton pulverizat. Partea 1: Definiţii, specificaţii şi conformitate
Inlocuit prin SR EN 14487-1:2023

SR EN 14437:2006 T
Determinarea rezistenţei la ridicare a ţiglelor de argilă arsă sau de beton montate pe acoperiş. Metodă de încercare a sistemului de acoperiş
Inlocuit prin SR EN 14437:2023

SR EN 16757:2017 A
Dezvoltarea durabilă a lucrărilor de construcţie. Declaraţii de mediu pentru produse. Reguli pentru categoria produselor pentru beton şi elemente din beton
Inlocuit prin SR EN 16757:2023

91.100.60 Materiale pentru izolaţie termică şi fonică
SR EN 1608:2013 A
Produse termoizolante destinate utilizării la clădiri. Determinarea rezistenţei la tracţiune paralel cu feţele
Inlocuit prin SR EN ISO 29766:2023

SR EN 823:2013 NCT
Produse termoizolante destinate utilizării la clădiri. Determinarea grosimii
Inlocuit prin SR EN ISO 29466:2023

SR EN 826:2013 NCT
Produse termoizolante destinate utilizării la clădiri. Determinarea comportării la compresiune
Inlocuit prin SR EN ISO 29469:2023

93.080.20 Materiale de construcţii pentru drumuri
SR EN 12697-33:2019 NCT
Mixturi asfaltice. Metode de încercare. Partea 33: Confecționarea epruvetelor cu compactorul cu placă
Inlocuit prin SR EN 12697-33+A1:2023

97.030 Aparate electrocasnice în general

SR EN 62311:2008 NCT
Evaluarea echipamentelor electrice şi electronice în funcţie de restricţiile privind expunerea corpului uman la câmpuri electromagnetice (0 Hz - 300 GHz)
Inlocuit prin SR EN IEC 62311:2020

97.150 Acoperitoare de sol

STAS 7053-76 E
Pături. Clase de calitate

STAS 11321-79 E
Ţesături mixte. Ţesături pentru furnituri de croitorie. Condiţii tehnice generale de calitate

97.160 Textile pentru casă

STAS 7715-76 E
Perdele tricotate din fire poliesterice sau din fire de bumbac şi tip bumbac. Clase de calitate

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.

03.100.70 Sisteme de management

SR EN ISO 37101:2023 NCT
Dezvoltare sustenabilă în comunitățile teritoriale. Sistem de management pentru dezvoltare sustenabilă. Cerințe și ghid pentru utilizare
Data aprobarii: 31.01.2023
Data traducerii: 31.01.2023

13.020.20 Economia mediului. Durabilitate

SR EN ISO 37101:2023 NCT
Dezvoltare sustenabilă în comunitățile teritoriale. Sistem de management pentru dezvoltare sustenabilă. Cerințe și ghid pentru utilizare
Data aprobarii: 31.01.2023
Data traducerii: 31.01.2023

33.100.20 Imunitate

SR EN IEC 61000-4-11+AC:2020/AC:2022 NCT
Compatibilitate electromagnetică (CEM). Partea 4-11: Tehnici de încercare și de măsurare. Încercări de imunitate la scăderi temporare de tensiune, întreruperi de scurtă durată și variații de tensiune pentru echipamente cu un curent electric de intrare mai mic sau egal cu 16 A pe fază
Data aprobarii: 29.11.2022
Data traducerii: 31.01.2023

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 părţillor 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 părţile 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).
  - **CT274**
  - **Protecţia omului împotriva CT zgomotului şi vibraţiilor**
  - Secretar Ing. Maria Magdalena BUTNARIU - Asociaţia de Standardizare din România
  - Expert ASRO: Ing. Maria Magdalena BUTNARIU
  - **CT 319**
  - **Informatică medicală**
  - Secretar Roxana CREANGĂ - Asociaţia de Standardizare din România
  - Expert ASRO: Roxana CREANGĂ

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 **2023.01.01 – 2023.01.31***

EN ISO 5173:2023
Destructive tests on welds in metallic materials - Bend tests (ISO 5173:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 25901-2:2023
Welding and allied processes - Vocabulary - Part 2: Health and safety (ISO 25901-2:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

03.220 Transport

03.220.20 Transport rutier

EN ISO 14906:2023
Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

03.220.99 Alte tipuri de transport

CEN/CLC/TR 17912:2023
Hyperloop systems - Standards Inventory and Roadmap
doa: dop: dow:

07.100 Microbiologie

07.100.20 Microbiologia apei

EN ISO 7704:2023
Water quality - Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods (ISO 7704:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

11.040 Echipament medical

11.040.10 Echipament pentru anestezie, respiratie si reanimare

EN ISO 81060-3:2023
Non-invasive sphygmomanometers - Part 3: Clinical investigation of continuous automated measurement type (ISO 81060-3:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

11.040.70 Echipament oftalmologic

EN ISO 10943:2023
Ophthalmic instruments - Indirect ophthalmoscopes (ISO 10943:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

13.020 Protectia mediului
13.020.50 Etichetare ecologica

EN ISO 14020:2023
Environmental statements and programmes for products - Principles and general requirements (ISO 14020:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

13.180 Ergonomie

CWA 17967:2023
Guidelines for design of advanced Human-Robot Collaborative cells in personalized HRC systems
doa: dop: dow:

17.040 Masurari de lungimi si unghiulare

17.040.20 Starea suprafetelor

EN ISO 25178-700:2023
Geometrical product specifications (GPS) - Surface texture: Areal - Part 700: Calibration, adjustment and verification of areal topography measuring instruments (ISO 25178-700:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

17.040.40 Specificatie geometrica pentru produse (GPS)

EN ISO 25178-700:2023
Geometrical product specifications (GPS) - Surface texture: Areal - Part 700: Calibration, adjustment and verification of areal topography measuring instruments (ISO 25178-700:2022)

doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

21.060 Elemente de asamblare

21.060.10 Suruburi, prezoane, stifturi filetate

EN ISO 7380-1:2023
Fasteners - Button head screws with reduced loadability - Part 1: Hexagon socket button head screws (ISO 7380-1:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 7380-2:2023
Fasteners - Button head screws with reduced loadability - Part 2: Hexagon socket button head screws with collar (ISO 7380-2:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 14581:2023
Fasteners - Hexalobular socket countersunk flat head screws (common head style) with reduced loadability (ISO 14581:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

23.040 Conducte si accesorii

23.040.20 Tevi din materiale plastice

EN ISO 13266:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading (ISO 13266:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13267:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance (ISO 13267:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13268:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness (ISO 13268:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

23.040.45 Racorduri din materiale plastice

EN ISO 13266:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading (ISO 13266:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13267:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance (ISO 13267:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13268:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness (ISO 13268:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

25.030 Fabricatia aditiva

EN ISO 17295:2023
Additive manufacturing - General principles - Part positioning, coordinates and orientation (ISO 17295:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO/ASTM 52936-1:2023
Additive manufacturing of polymers - Qualification principles - Part 1: General principles and preparation of test specimens for PBF-LB (ISO/ASTM 52936-1:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

25.040 Sisteme de automatizare industriala

25.040.30 Roboti industriali. Manipulatori

CWA 17967:2023
Guidelines for design of advanced Human-Robot Collaborative cells in personalized HRC systems
doa: dop: dow:

35.030 Securitatea IT

EN ISO/IEC 19896-1:2023
IT security techniques - Competence requirements for information security testers and evaluators - Part 1: Introduction, concepts and general requirements (ISO/IEC 19896-1:2018)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO/IEC 19896-2:2023
IT security techniques - Competence requirements for information security testers and evaluators - Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers (ISO/IEC 19896-2:2018)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO/IEC 19896-3:2023
IT security techniques - Competence requirements for information security testers and evaluators - Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators (ISO/IEC 19896-3:2018)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

35.200 Echipament de interfata si interconectare

CWA 16926-61:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 61: Application Programming Interface (API) - Service Provider Interface (SPI) - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2000) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-62:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 62: Printer and Scanning Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-63:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 63: Identification Card Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-64:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 64: Cash Dispenser Module Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-65:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 65: PIN Keypad Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-66:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 66: Check Reader/Scanner Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-67:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 67: Depository Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-68:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 68: Text Terminal Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA
doa: dop: dow:

CWA 16926-69:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 69: Sensors and Indicators Unit Device Class

Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-70:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 70: Vendor Dependent Mode Device Class Interface - Programmer's Reference – Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-71:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 71: Camera Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-72:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 72: Alarm Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-73:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 73: Card Embossing Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-74:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 74: Cash-In Module Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-75:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 75: Card Dispenser Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-76:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 76: Barcode Reader Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-77:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 77: Item Processing Module Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-78:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 78: Biometrics Device Class Interface Proposal - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

35.240 Aplicatii privind tehnologia informatiei

35.240.15 Cartele de identificare. Carduri cu cip. Biometrie

CWA 16926-61:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 61: Application Programming Interface (API) - Service Provider Interface (SPI) - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2000) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-62:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 62: Printer and Scanning Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-63:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 63: Identification Card Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version

3.50 (this CWA)
doa: dop: dow:

CWA 16926-64:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 64: Cash Dispenser Module Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-65:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 65: PIN Keypad Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-66:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 66: Check Reader/Scanner Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-67:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 67: Depository Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-68:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 68: Text Terminal Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA
doa: dop: dow:

CWA 16926-69:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 69: Sensors and Indicators Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-70:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 70: Vendor Dependent Mode Device Class Interface - Programmer's Reference – Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-71:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 71: Camera Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-72:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 72: Alarm Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-73:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 73: Card Embossing Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-74:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 74: Cash-In Module Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-75:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 75: Card Dispenser Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-76:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 76: Barcode Reader Device Class Interface -

Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-77:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 77: Item Processing Module Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-78:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 78: Biometrics Device Class Interface Proposal - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

35.240.40 Aplicatii IT în sistemul bancar

CWA 16926-61:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 61: Application Programming Interface (API) - Service Provider Interface (SPI) - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2000) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-62:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 62: Printer and Scanning Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-63:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 63: Identification Card Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-64:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 64: Cash Dispenser Module Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-65:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 65: PIN Keypad Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-66:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 66: Check Reader/Scanner Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-67:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 67: Depository Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-68:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 68: Text Terminal Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA
doa: dop: dow:

CWA 16926-69:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 69: Sensors and Indicators Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-70:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 70: Vendor Dependent Mode Device Class Interface - Programmer's Reference – Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-71:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 71: Camera Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-72:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 72: Alarm Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-73:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 73: Card Embossing Unit Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-74:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 74: Cash-In Module Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-75:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 75: Card Dispenser Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-76:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 76: Barcode Reader Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-77:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 77: Item Processing Module Device Class Interface - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

CWA 16926-78:2023
Extensions for Financial Services (XFS) interface specification Release 3.50 - Part 78: Biometrics Device Class Interface Proposal - Programmer's Reference - Migration from Version 3.40 (CWA 16926:2020) to Version 3.50 (this CWA)
doa: dop: dow:

35.240.60 Aplicatii IT în transport

EN ISO 14906:2023
Electronic fee collection - Application interface definition for dedicated short-range communication (ISO 14906:2022)
doa: 2023-04-30 dop: 2023-07-31 dow: 2023-07-31

43.150 Biciclete

EN ISO 4210-1:2023
Cycles - Safety requirements for bicycles - Part 1: Vocabulary (ISO 4210-1:2023)
doa: 2023-04-30 dop: 2023-07-31 dow: 2023-07-31

EN ISO 4210-2:2023
Cycles - Safety requirements for bicycles - Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles (ISO 4210-2:2023)
doa: 2023-04-30 dop: 2023-07-31 dow: 2023-07-31

EN ISO 4210-3:2023
Cycles - Safety requirements for bicycles - Part 3: Common test methods (ISO 4210-3:2023)
doa: 2023-04-30 dop: 2023-07-31 dow: 2023-07-31

EN ISO 4210-4:2023
Cycles - Safety requirements for bicycles - Part 4: Braking test methods (ISO 4210-4:2023)
doa: 2023-04-30 dop: 2023-07-31 dow: 2023-07-31

EN ISO 4210-5:2023
Cycles - Safety requirements for bicycles - Part 5: Steering test methods (ISO 4210-5:2023)

doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 4210-6:2023
Cycles - Safety requirements for bicycles - Part 6: Frame and fork test methods (ISO 4210-6:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 4210-7:2023
Cycles - Safety requirements for bicycles - Part 7: Wheel and rim test methods (ISO 4210-7:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2024-07-31

EN ISO 4210-8:2023
Cycles - Safety requirements for bicycles - Part 8: Pedal and drive system test methods (ISO 4210-8:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2024-07-31

EN ISO 4210-9:2023
Cycles - Safety requirements for bicycles - Part 9: Saddles and seat-post test methods (ISO 4210-9:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2024-07-31

EN ISO 8098:2023
Cycles - Safety requirements for bicycles for young children (ISO 8098:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

45.060 Material rulant pentru cai ferate

45.060.01 Material rulant pentru cai ferate în general

EN 14067-5:2021/AC:2023
Railway applications - Aerodynamics - Part 5: Requirements and assessment procedures for aerodynamics in tunnels
doa: dop: dow:

55.020 Ambalaje si distribuirea marfurilor în general

CEN/CLC/TR 17912:2023
Hyperloop systems - Standards Inventory and Roadmap
doa: dop: dow:

79.040 Lemn, gatere si lemn rotund

EN 14734:2022/AC:2023
Durability of wood and wood-based products - Determination of treatability of timber species to be impregnated with wood preservatives - Laboratory method
doa: dop: dow:

87.040 Vopsele si emailuri

CEN/TS 927-9:2023
Paints and varnishes - Coating materials and coating systems for exterior wood - Part 9: Determination of pull-off strength
doa: 2023-04-30 dop: dow:

EN 927-14:2023
Paints and varnishes - Coating materials and coating systems for exterior wood - Part 14: Determination of tensile properties of coating films
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN 16105:2023
Paints and varnishes - Laboratory method for determination of release of regulated dangerous substances from coatings in intermittent contact with water
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 22553-10:2023
Paints and varnishes - Electro-deposition coatings - Part 10: Edge protection (ISO 22553-10:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

87.060 Ingrediente pentru vopsele

87.060.10 Pigmenti si materiale de umplutura

EN ISO 18314-2:2023
Analytical colorimetry - Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, depth of shade, hiding power (ISO 18314-2:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

91.140 Instalatii în cladiri

91.140.80 Sisteme de evacuare a apei

EN ISO 13266:2023
Thermoplastics piping systems for non-

pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading (ISO 13266:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13267:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance (ISO 13267:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13268:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness (ISO 13268:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

93.020 Lucrari de terasament. Excavatii. Fundatii. Lucrari subterane

EN ISO 22476-1:2023
Geotechnical investigation and testing - Field testing - Part 1: Electrical cone and piezocone penetration test (ISO 22476-1:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

93.030 Sisteme de canalizare externe

EN ISO 13266:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of resistance against surface and traffic loading (ISO 13266:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13267:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics inspection chamber and manhole bases - Test methods for buckling resistance (ISO 13267:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN ISO 13268:2023
Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics shafts or risers for inspection chambers and manholes - Determination of ring stiffness (ISO 13268:2022)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

93.060 Constructii de tuneluri

EN 14067-5:2021/AC:2023
Railway applications - Aerodynamics - Part 5: Requirements and assessment procedures for aerodynamics in tunnels
doa: dop: dow:

93.080 Ingineria drumurilor

93.080.20 Materiale de constructii pentru drumuri

EN 12697-41:2023
Bituminous mixtures - Test methods - Part 41: Resistance to de-icing fluids
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

97.190 Echipamente pentru copii

EN ISO 8098:2023
Cycles - Safety requirements for bicycles for young children (ISO 8098:2023)
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

97.220 Echipamente si instalatii sportive

97.220.10 Instalatii sportive

EN 12230:2023
Surfaces for sports areas - Test method for the determination of tensile properties of synthetic sports surfaces
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

EN 12616:2023
Surfaces for sports areas - Test methods for the determination of vertical water infiltration and horizontal water flow rates
doa: 2023-04-30 dop: 2023-07-31
dow: 2023-07-31

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01.040 Vocabulare

01.040.01 Generalitati. Terminologie. Standardizare. Documentare (Vocabulare)

EN IEC 61869-99:2022/AC:2023-01
Instrument transformers - Part 99: Glossary
doa: dop: dow:

11.040 Echipament medical

11.040.50 Echipament radiologic

EN IEC 60601-2-43:2023
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures
doa: 2023-04-09 dop: 2023-10-09 dow: 2026-01-09

EN IEC 60806:2023
Determination of the maximum symmetrical radiation field of X-ray tube assemblies and X-ray source assemblies for medical diagnosis
doa: 2023-04-03 dop: 2023-10-03 dow: 2026-01-03

13.320 Sisteme de alarma si de alertare

EN IEC 62682:2023
Management of alarm systems for the process industries
doa: 2023-04-12 dop: 2023-10-12 dow: 2026-01-12

17.140 Acustica si masurari acustice

17.140.50 Electroacustica

EN IEC 62127-3:2023
Ultrasonics - Hydrophones - Part 3: Properties of hydrophones for ultrasonic fields
doa: 2023-04-23 dop: 2023-10-23 dow: 2026-01-23

17.220 Electricitate. Magnetism. Masurari electrice si magnetice

17.220.20 Masurari de marimi electrice si magnetice

EN IEC 61869-99:2022/AC:2023-01
Instrument transformers - Part 99: Glossary
doa: dop: dow:

EN IEC/IEEE 63195-1:2023
Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 1: Measurement procedure
doa: 2023-07-09 dop: 2024-01-09 dow: 2026-01-09

EN IEC/IEEE 63195-2:2023
Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz) - Part 2: Computational procedure
doa: 2023-07-09 dop: 2024-01-09 dow: 2026-01-09

17.220.99 Alte standarde referitoare la electricitate si magnetism

EN IEC 60216-6:2023
Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method
doa: 2023-04-02 dop: 2023-10-02 dow: 2026-01-02

19.040 Încercari de mediu

EN IEC 60721-2-6:2023
Classification of environmental conditions - Part 2-6: Environmental conditions appearing in nature - Earthquake vibration and shock
doa: 2023-04-19 dop: 2023-10-19 dow: 2026-01-19

25.040 Sisteme de automatizare industriala

25.040.40 Masurarea si controlul proceselor industriale

EN IEC 61918:2018/A12:2023
Industrial communication networks - Installation of communication networks in industrial premises
doa: 2023-06-30 dop: 2023-12-30 dow: 2025-12-30

EN IEC 61987-31:2023
Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 31: List of Properties (LOPs) of infrastructure devices for electronic data exchange - Generic structures
doa: 2023-04-18 dop: 2023-10-18 dow: 2026-01-18

EN IEC 62682:2023
Management of alarm systems for the process industries
doa: 2023-04-12 dop: 2023-10-12 dow: 2026-01-12

29.035 Materiale electroizolante

29.035.01 Materiale electroizolante în general

EN IEC 60216-6:2023
Electrical insulating materials - Thermal endurance properties - Part 6: Determination of thermal endurance indices (TI and RTI) of an insulating material using the fixed time frame method
doa: 2023-04-02 dop: 2023-10-02 dow: 2026-01-02

29.120 Accesorii electrice

29.120.20 Dispozitive de conectare

EN IEC 60352-6:2023
Solderless connections - Part 6: Insulation piercing connections - General requirements, test methods and practical guidance
doa: 2023-04-11 dop: 2023-10-11 dow: 2026-01-11

29.120.70 Relee

EN IEC 60255-1:2023
Measuring relays and protection equipment - Part 1: Common requirements
doa: 2023-04-19 dop: 2023-10-19 dow: 2026-01-19

29.130 Aparate de conectare si comanda

29.130.20 Aparate de conectare si comanda de joasa tensiune

EN IEC 60947-1:2021/AC:2023-01
Low-voltage switchgear and controlgear - Part 1: General rules
doa: dop: dow:

29.160 Masini electrice rotative

29.160.01 Masini electrice rotative în general

EN IEC 60034-18-1:2023
Rotating electrical machines - Part 18-1: Functional evaluation of insulation systems - General guidelines
doa: 2023-04-26 dop: 2023-10-26 dow: 2026-01-26

29.200 Redresoare. Convertizoare. Surse stabilizate

EN IEC 60700-3:2023
Thyristor valves for high voltage direct current (HVDC) power transmission - Part 3: Essential ratings (limiting values) and characteristics
doa: 2023-04-03 dop: 2023-10-03 dow: 2026-01-03

29.240 Retele de transport si distributie a energiei electrice

29.240.99 Alte echipamente referitoare la instalatii de transport si distributie a energiei electrice

EN IEC 63245-2:2023
Spatial wireless power transfer based on multiple magnetic resonances - Part 2: Reference model
doa: 2023-04-18 dop: 2023-10-18 dow: 2026-01-18

31.080 Dispozitive cu semiconductoare

31.080.99 Alte dispozitive cu semiconductoare

EN IEC 60747-16-7:2023
Semiconductor devices - Part 16-7: Microwave integrated circuits - Attenuators

doa: 2023-04-03 dop: 2023-10-03
dow: 2026-01-03

EN IEC 60747-16-8:2023
Semiconductor devices - Part 16-8: Microwave integrated circuits - Limiters
doa: 2023-04-03 dop: 2023-10-03
dow: 2026-01-03

EN IEC 63364-1:2023
Semiconductor devices - Semiconductor devices for IoT system - Part 1: Test method of sound variation detection
doa: 2023-04-18 dop: 2023-10-18
dow: 2026-01-18

31.220 Componente electromecanice pentru echipamente electronice si de telecomunicatii

31.220.10 Fise. Conectoare

EN IEC 61076-2-116:2023
Connectors for electrical and electronic equipment - Product requirements - Part 2 - 116: Detail specification for circular connectors size 15 with up to 3+PE power contacts and auxiliary contacts, with bayonet-locking
doa: 2023-04-19 dop: 2023-10-19
dow: 2026-01-19

33.020 Telecomunicatii în general

EN IEC 61918:2018/A12:2023
Industrial communication networks - Installation of communication networks in industrial premises
doa: 2023-06-30 dop: 2023-12-30
dow: 2025-12-30

33.180 Comunicatii prin fibra optica

33.180.01 Sisteme cu fibra optica în general

EN IEC 62496-2-5:2023
Optical circuit boards - Basic test and measurement procedures - Part 2-5: Flexibility test for flexible opto-electric circuits
doa: 2023-04-11 dop: 2023-10-11
dow: 2026-01-11

35.200 Echipament de interfata si interconectare

EN IEC 63245-2:2023
Spatial wireless power transfer based on multiple magnetic resonances - Part 2: Reference model
doa: 2023-04-18 dop: 2023-10-18
dow: 2026-01-18

35.240 Aplicatii privind tehnologia informatiei

35.240.50 Aplicatii IT în industrie

EN IEC 61918:2018/A12:2023
Industrial communication networks - Installation of communication networks in industrial premises
doa: 2023-06-30 dop: 2023-12-30
dow: 2025-12-30

37.040 Fotografie

37.040.25 Filme radiografice

EN IEC 60601-2-43:2023
Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures
doa: 2023-04-09 dop: 2023-10-09
dow: 2026-01-09

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GR NFV 003 V1.7.1:2023
Comitet Tehnic ETSI: NFV
Network Functions Virtualisation (NFV); Terminology for Main Concepts in NFV

GS ARF 004-4 V1.1.1:2023
Comitet Tehnic ETSI: ARF
Augmented Reality Framework (ARF); Interoperability Requirements for AR components, systems and services; Part 4: World Analysis, World Storage and Scene Management functions

GR F5G 007 V1.1.1:2023
Comitet Tehnic ETSI: F5G
Fifth Generation Fixed Network (F5G); F5G Industrial PON

GS F5G 012 V1.1.1:2023
Comitet Tehnic ETSI: F5G
Fifth Generation Fixed Network (F5G); Security; F5G Security Countermeasure Framework Specification

GR IPE 007 V1.1.1:2023
Comitet Tehnic ETSI: IPE
IPv6 Enhanced innovation (IPE); IPv6-based 5G for Connected and Automated Mobility

GS NFV-SOL 009 V3.7.1:2023
Comitet Tehnic ETSI: NFV SOL
Network Functions Virtualisation (NFV) Release 3; Protocols and Data Models; RESTful protocols specification for the management of NFV-MANO

GR ENI 013 V1.1.1:2023
Comitet Tehnic ETSI: ENI
Experiential Networked Intelligence (ENI); Intent Policy Model Gap Analysis

GS MEC 013 V3.1.1:2023
Comitet Tehnic ETSI: MEC
Multi-access Edge Computing (MEC); Location API

GS PDL 015 V1.1.1:2023
Comitet Tehnic ETSI: PDL
Permissioned Distributed Ledger (PDL); Reputation management

GS NFV-IFA 048 V4.4.1:2023
Comitet Tehnic ETSI: NFV IFA
Network Functions Virtualisation (NFV) Release 4; Management and Orchestration; Policy Information Model Specification

TS 101 220 V17.1.0:2023
Comitet Tehnic ETSI: SET TEC
Smart Cards; ETSI numbering system for telecommunication application providers (Release 17)

TS 102 241 V17.3.0:2023
Comitet Tehnic ETSI: SET TEC
Smart Cards; UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 17)

TS 102 267 V18.0.0:2023
Comitet Tehnic ETSI: SET TEC
Smart Cards; Connection Oriented Service API for the Java Card(TM) platform (Release 18)

TR 103 477 V1.3.1:2023
Comitet Tehnic ETSI: eHEALTH
eHEALTH; Standardization use cases for eHealth

TS 103 481 V16.1.0:2023
Comitet Tehnic ETSI: SET TEST
Smart Cards; Test specification for the Remote APDU structure for UICC based applications; UICC features (Release 16)

TS 103 564 V1.5.1:2023
Comitet Tehnic ETSI: TCCE
PlugtestsTM scenarios for Mission Critical Services

TS 103 636-1 V1.4.1:2023
Comitet Tehnic ETSI: DECT
DECT-2020 New Radio (NR); Part 1: Overview; Release 1

TS 103 636-2 V1.4.1:2023
Comitet Tehnic ETSI: DECT
DECT-2020 New Radio (NR); Part 2: Radio reception and transmission requirements; Release 1

TS 103 636-3 V1.4.1:2023
Comitet Tehnic ETSI: DECT

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

TS 103 636-4 V1.4.1:2023
Comitet Tehnic ETSI: DECT
DECT-2020 New Radio (NR); Part 4: MAC layer; Release 1

TS 103 636-5 V1.4.1:2023
Comitet Tehnic ETSI: DECT
DECT-2020 New Radio (NR); Part 5: DLC and Convergence layers; Release 1

TS 103 759 V2.1.1:2023
Comitet Tehnic ETSI: ITS WG5
Intelligent Transport Systems (ITS); Security; Misbehaviour Reporting service; Release 2

TR 103 853 V1.1.1:2023
Comitet Tehnic ETSI: ERM
System Reference document (SRdoc); Road ITS equipment operating in the 5,9 GHz band with channel bandwidths larger than 10 MHz

TS 103 863 V1.1.1:2023
Comitet Tehnic ETSI: ERM TGMARINE
Maritime mobile broadband communication links; Radio transmitters and receivers employing integrated beamforming phased array antennas operating in the 5 GHz to 8 GHz frequency range

TS 103 864 V1.1.1:2023
Comitet Tehnic ETSI: CYBER
Cyber Security; Security Threats and related Requirements for Consumer Sensor Hubs

TS 103 999-1 V15.2.0:2023
Comitet Tehnic ETSI: SET TEST
Smart Secure Platform (SSP); Part 1: Test Specification, general characteristics (Release 15)

TR 119 411-5 V1.1.1:2023
Comitet Tehnic ETSI: ESI
Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 5: Guidelines for the coexistence of web browser and EU trust controls

TR 121 917 V17.0.1:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Release 17 Description; Summary of Rel-17 Work Items (3GPP TR 21.917 version 17.0.1 Release 17)

TS 122 268 V18.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Public Warning System (PWS) requirements (3GPP TS 22.268 version 18.2.0 Release 18)

TS 123 003 V17.8.0:2023
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 17.8.0 Release 17)

TS 123 041 V18.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 18.1.0 Release 18)

TS 123 122 V17.9.0:2023
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 17.9.0 Release 17)

TS 123 247 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.5.0 Release 17)

TS 123 255 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Application layer support for Uncrewed Aerial System (UAS); Functional architecture and information flows; (3GPP TS 23.255 version 17.4.0 Release 17)

TS 123 256 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking; Stage 2 (3GPP TS 23.256 version 17.5.0 Release 17)

TS 123 273 V17.7.0:2023

Comitet Tehnic ETSI: 3GPP SA
5G; 5G System (5GS) Location Services (LCS); Stage 2 (3GPP TS 23.273 version 17.7.0 Release 17)

TS 123 287 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 17.5.0 Release 17)

TS 123 288 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.7.0 Release 17)

TS 123 304 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.5.0 Release 17)

TS 123 316 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 17.4.0 Release 17)

TS 123 401 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 17.7.0 Release 17)

TS 123 501 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.15.0 Release 16)

TS 123 501 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.7.0 Release 17)

TS 123 502 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.15.0 Release 16)

TS 123 502 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.7.0 Release 17)

TS 123 503 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Policy and charging control framework for the 5G System (5GS); Stage 2 (3GPP TS 23.503 version 16.13.0 Release 16)

TS 123 503 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Policy and charging control framework for the 5G System (5GS); Stage 2 (3GPP TS 23.503 version 17.7.0 Release 17)

TS 123 527 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Restoration procedures (3GPP TS 23.527 version 17.6.0 Release 17)

TS 123 548 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; 5G System Enhancements for Edge Computing; Stage 2 (3GPP TS 23.548 version 17.5.0 Release 17)

TS 123 558 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.6.0 Release 17)

TS 124 193 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System;Access Traffic Steering, Switching and Splitting (ATSSS); Stage 3 (3GPP TS 24.193 version 17.7.0 Release 17)

TS 124 229 V14.17.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 14.17.0 Release 14)

TS 124 229 V15.14.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 15.14.0 Release 15)

TS 124 229 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 16.11.0 Release 16)

TS 124 229 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 17.9.0 Release 17)

TS 124 257 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Uncrewed Aerial System (UAS) Application Enabler (UAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.257 version 17.3.0 Release 17)

TS 124 281 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 17.9.0 Release 17)

TS 124 282 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 17.9.0 Release 17)

TS 124 301 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 17.9.0 Release 17)

TS 124 302 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 17.7.0 Release 17)

TS 124 379 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 17.9.0 Release 17)

TS 124 385 V16.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; V2X services Management Object (MO) (3GPP TS 24.385 version 16.3.0 Release 16)

TS 124 385 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; V2X services Management Object (MO) (3GPP TS 24.385 version 17.1.0 Release 17)

TS 124 386 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; User Equipment (UE) to V2X control function; protocol aspects; Stage 3 (3GPP TS 24.386 version 17.1.0 Release 17)

TS 124 484 V14.15.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 14.15.0 Release 14)

TS 124 484 V15.14.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 15.14.0 Release 15)

TS 124 484 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 16.14.0 Release 16)

TS 124 484 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 17.8.0 Release 17)

TS 124 486 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; 5G; Vehicle-to-Everything (V2X) Application Enabler (VAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.486 version 17.5.0 Release 17)

TS 124 501 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Non-Access-Stratum (NAS) protocol for

5G System (5GS); Stage 3 (3GPP TS 24.501 version 17.9.0 Release 17)

TS 124 502 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.7.0 Release 17)

TS 124 526 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; User Equipment (UE) policies for 5G System (5GS); Stage 3 (3GPP TS 24.526 version 17.8.0 Release 17)

TS 124 538 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Enabling MSGin5G Service; Protocol specification (3GPP TS 24.538 version 17.2.0 Release 17)

TS 124 544 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Group Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.544 version 17.4.0 Release 17)

TS 124 545 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Location Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.545 version 17.5.0 Release 17)

TS 124 546 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Configuration management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.546 version 17.5.0 Release 17)

TS 124 548 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Network Resource Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.548 version 17.3.0 Release 17)

TS 124 554 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Proximity-services (ProSe) in 5G System (5GS) protocol aspects; Stage 3 (3GPP TS 24.554 version 17.3.0 Release 17)

TS 124 555 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Proximity-services (ProSe) in 5G System (5GS); User Equipment (UE) policies; Stage 3 (3GPP TS 24.555 version 17.3.0 Release 17)

TS 124 558 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Enabling Edge Applications; Protocol specification (3GPP TS 24.558 version 17.2.0 Release 17)

TS 124 571 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System (5GS); Control plane Location Services (LCS) procedures; Stage 3 (3GPP TS 24.571 version 17.3.0 Release 17)

TS 124 587 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Vehicle-to-Everything (V2X) services in 5G System (5GS); Stage 3 (3GPP TS 24.587 version 17.8.0 Release 17)

TS 124 588 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Vehicle-to-Everything (V2X) services in 5G System (5GS); User Equipment (UE) policies; Stage 3 (3GPP TS 24.588 version 17.2.0 Release 17)

TS 126 114 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 16.12.0 Release 16)

TS 126 114 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 17.6.0 Release 17)

TS 126 131 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 17.3.0 Release 17)

TS 126 247 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 17.2.0 Release 17)

TS 126 346 V16.11.1:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 16.11.1 Release 16)

TS 126 346 V17.2.1:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 17.2.1 Release 17)

TS 126 347 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Multimedia Broadcast/Multicast Service (MBMS); Application Programming Interface and URL (3GPP TS 26.347 version 17.2.0 Release 17)

TS 126 410 V17.0.1:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code (3GPP TS 26.410 version 17.1.0 Release 17)

TS 126 447 V17.0.1:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Error concealment of lost packets (3GPP TS 26.447 version 17.0.1 Release 17)

TS 126 447 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Error concealment of lost packets (3GPP TS 26.447 version 17.1.0 Release 17)

TS 126 501 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; 5G Media Streaming (5GMS); General description and architecture (3GPP TS 26.501 version 17.4.0 Release 17)

TS 126 502 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; 5G Multicast-Broadcast User Service Architecture (3GPP TS 26.502 version 17.3.0 Release 17)

TS 126 512 V16.8.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; 5G Media Streaming (5GMS); Protocols (3GPP TS 26.512 version 16.8.0 Release 16)

TS 126 512 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; 5G Media Streaming (5GMS); Protocols (3GPP TS 26.512 version 17.3.0 Release 17)

TS 126 517 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; 5G Multicast-Broadcast User Services; Protocols and Formats (3GPP TS 26.517 version 17.1.0 Release 17)

TR 126 973 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Update to fixed-point basic operators (3GPP TR 26.973 version 17.1.0 Release 17)

TS 127 007 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; AT command set for User Equipment (UE) (3GPP TS 27.007 version 17.8.0 Release 17)

TS 128 104 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Management Data Analytics (MDA) (3GPP TS 28.104 version 17.2.0 Release 17)

TS 128 105 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 17.2.0 Release 17)

TS 128 312 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Management and orchestration; Intent driven management services for mobile networks (3GPP TS 28.312 version 17.2.0 Release 17)

TS 128 313 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Self-Organizing Networks (SON) for 5G networks

(3GPP TS 28.313 version 17.7.0 Release 17)

TS 128 404 V16.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Concepts, use cases and requirements (3GPP TS 28.404 version 16.4.0 Release 16)

TS 128 404 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Concepts, use cases and requirements (3GPP TS 28.404 version 17.4.0 Release 17)

TS 128 405 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Control and configuration (3GPP TS 28.405 version 17.4.0 Release 17)

TS 128 531 V15.11.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Provisioning (3GPP TS 28.531 version 15.11.0 Release 15)

TS 128 531 V16.14.1:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Provisioning (3GPP TS 28.531 version 16.14.1 Release 16)

TS 128 531 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Provisioning (3GPP TS 28.531 version 17.6.0 Release 17)

TS 128 532 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Generic management services (3GPP TS 28.532 version 16.13.0 Release 16)

TS 128 532 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; Generic management services (3GPP TS 28.532 version 17.3.0 Release 17)

TS 128 540 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 1 (3GPP TS 28.540 version 17.3.0 Release 17)

TS 128 541 V15.9.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 15.9.0 Release 15)

TS 128 541 V16.14.1:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 16.14.1 Release 16)

TS 128 541 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 17.9.0 Release 17)

TS 128 552 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Management and orchestration; 5G performance measurements (3GPP TS 28.552 version 17.9.0 Release 17)

TS 128 622 V16.14.0:2023
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 16.14.0 Release 16)

TS 128 622 V17.4.1:2023
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 17.4.1 Release 17)

TS 128 623 V15.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic

Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 15.6.0 Release 15)

TS 128 623 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 16.13.0 Release 16)

TS 128 623 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 17.4.0 Release 17)

TS 128 623 V17.4.2:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 17.4.2 Release 17)

TS 129 122 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; T8 reference point for Northbound APIs (3GPP TS 29.122 version 17.8.0 Release 17)

TS 129 128 V16.6.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) interfaces for interworking with packet data networks and applications (3GPP TS 29.128 version 16.6.0 Release 16)

TS 129 128 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) interfaces for interworking with packet data networks and applications (3GPP TS 29.128 version 17.1.0 Release 17)

TS 129 165 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 17.5.0 Release 17)

TS 129 171 V16.5.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC); SLs interface (3GPP TS 29.171 version 16.5.0 Release 16)

TS 129 171 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC); SLs interface (3GPP TS 29.171 version 17.2.0 Release 17)

TS 129 222 V15.12.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 15.12.0 Release 15)

TS 129 222 V16.10.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 16.10.0 Release 16)

TS 129 222 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 17.7.0 Release 17)

TS 129 244 V17.7.1:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; 5G; Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.7.1 Release 17)

TS 129 255 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Uncrewed Aerial System Service Supplier (USS) Services; Stage 3 (3GPP TS 29.255 version 17.3.0 Release 17)

TS 129 256 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Uncrewed Aerial Systems Network Function (UAS-NF); Aerial Management Services; Stage 3 (3GPP TS 29.256 version 17.3.0 Release 17)

TS 129 273 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 17.5.0 Release 17)

TS 129 283 V14.5.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; Diameter data management applications (3GPP TS 29.283 version 14.5.0 Release 14)

TS 129 283 V15.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; Diameter data management applications (3GPP TS 29.283 version 15.2.0 Release 15)

TS 129 283 V16.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; Diameter data management applications (3GPP TS 29.283 version 16.1.0 Release 16)

TS 129 283 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; Diameter data management applications (3GPP TS 29.283 version 17.1.0 Release 17)

TS 129 500 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Technical Realization of Service Based Architecture; Stage 3 (3GPP TS 29.500 version 17.9.0 Release 17)

TS 129 502 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 16.14.0 Release 16)

TS 129 502 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 17.7.0 Release 17)

TS 129 503 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 16.14.0 Release 16)

TS 129 503 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 17.9.0 Release 17)

TS 129 504 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Unified Data Repository Services; Stage 3 (3GPP TS 29.504 version 17.9.0 Release 17)

TS 129 505 V17.9.0:2023
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 17.9.0 Release 17)

TS 129 508 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Event Exposure Service; Stage 3 (3GPP TS 29.508 version 17.9.0 Release 17)

TS 129 509 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 17.8.0 Release 17)

TS 129 510 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 16.13.0 Release 16)

TS 129 510 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 17.8.0 Release 17)

TS 129 512 V16.15.0:2023

Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Policy Control Service; Stage 3 (3GPP TS 29.512 version 16.15.0 Release 16)

TS 129 512 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Session Management Policy Control Service; Stage 3 (3GPP TS 29.512 version 17.9.0 Release 17)

TS 129 513 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Policy and Charging Control signalling flows and QoS parameter mapping; Stage 3 (3GPP TS 29.513 version 17.9.0 Release 17)

TS 129 514 V15.14.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Policy Authorization Service; Stage 3 (3GPP TS 29.514 version 15.14.0 Release 15)

TS 129 514 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Policy Authorization Service; Stage 3 (3GPP TS 29.514 version 16.15.0 Release 16)

TS 129 514 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Policy Authorization Service; Stage 3 (3GPP TS 29.514 version 17.7.0 Release 17)

TS 129 517 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Application Function Event Exposure Service; Stage 3 (3GPP TS 29.517 version 17.8.0 Release 17)

TS 129 518 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 16.14.0 Release 16)

TS 129 518 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 17.8.0 Release 17)

TS 129 519 V17.9.0:2023
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 17.9.0 Release 17)

TS 129 520 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Data Analytics Services; Stage 3 (3GPP TS 29.520 version 17.9.0 Release 17)

TS 129 521 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Binding Support Management Service; Stage 3 (3GPP TS 29.521 version 17.7.0 Release 17)

TS 129 522 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 16.13.0 Release 16)

TS 129 522 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 17.8.0 Release 17)

TS 129 525 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; UE Policy Control Service; Stage 3 (3GPP TS 29.525 version 17.9.0 Release 17)

TS 129 526 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Slice-Specific and SNPN Authentication and Authorization services; Stage 3 (3GPP TS 29.526 version 17.7.0 Release 17)

TS 129 532 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; 5G Multicast-Broadcast Session Management Services; Stage 3 (3GPP TS 29.532 version 17.3.0 Release 17)

TS 129 534 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Access and Mobility Policy Authorization Service; Stage 3 (3GPP TS 29.534 version 17.3.0 Release 17)

TS 129 535 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; AKMA Anchor Services; Stage 3 (3GPP TS 29.535 version 17.7.0 Release 17)

TS 129 537 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Multicast/Broadcast Policy Control services; Stage 3 (3GPP TS 29.537 version 17.1.0 Release 17)

TS 129 549 V16.6.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; 5G; Service Enabler Architecture Layer for Verticals (SEAL); Application Programming Interface (API) specification; Stage 3 (3GPP TS 29.549 version 16.6.0 Release 16)

TS 129 549 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
LTE; 5G; Service Enabler Architecture Layer for Verticals (SEAL); Application Programming Interface (API) specification; Stage 3 (3GPP TS 29.549 version 17.7.0 Release 17)

TS 129 552 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Data Analytics signalling flows; Stage 3 (3GPP TS 29.552 version 17.3.0 Release 17)

TS 129 553 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; 5G ProSe Anchor Services; Stage 3 (3GPP TS 29.553 version 17.1.0 Release 17)

TS 129 556 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Edge Application Server Discovery Services; Stage 3 (3GPP TS 29.556 version 17.2.0 Release 17)

TS 129 557 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Application Function ProSe Service; Stage 3 (3GPP TS 29.557 version 17.3.0 Release 17)

TS 129 558 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Enabling Edge Applications; Application Programming Interface (API) specification; Stage 3 (3GPP TS 29.558 version 17.2.0 Release 17)

TS 129 559 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; 5G ProSe Key Management Services; Stage 3 (3GPP TS 29.559 version 17.2.0 Release 17)

TS 129 561 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Interworking between 5G Network and external Data Networks; Stage 3 (3GPP TS 29.561 version 17.8.0 Release 17)

TS 129 565 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Time Sensitive Communication and Time Synchronization Function Services; Stage 3 (3GPP TS 29.565 version 17.2.0 Release 17)

TS 129 571 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 17.8.0 Release 17)

TS 129 572 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Location Management Services; Stage 3 (3GPP TS 29.572 version 17.7.0 Release 17)

TS 129 574 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Data Collection Coordination Services; Stage 3 (3GPP TS 29.574 version 17.3.0 Release 17)

TS 129 575 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Analytics Data Repository Services; Stage 3 (3GPP TS 29.575 version 17.3.0 Release 17)

TS 129 576 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Messaging Framework Adaptor Services; Stage 3 (3GPP TS 29.576 version 17.3.0 Release 17)

TS 129 580 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Multicast/Broadcast Service Function services; Stage 3 (3GPP TS 29.580 version 17.1.0 Release 17)

TS 129 581 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Multicast/Broadcast Service Transport Services; Stage 3 (3GPP TS 29.581 version 17.2.0 Release 17)

TS 129 591 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; 5G System; Network Exposure Function Southbound Services; Stage 3 (3GPP TS 29.591 version 17.8.0 Release 17)

TS 129 598 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
5G; Unstructured data storage services (3GPP TS 29.598 version 17.7.0 Release 17)

TS 131 102 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 16.13.0 Release 16)

TS 131 102 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 17.8.0 Release 17)

TS 131 111 V15.12.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 15.12.0 Release 15)

TS 131 111 V16.7.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 16.7.0 Release 16)

TS 131 111 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 17.6.0 Release 17)

TS 131 121 V16.10.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.10.0 Release 16)

TS 131 121 V16.10.1:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.10.1 Release 16)

TS 131 124 V16.10.0:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.10.0 Release 16)

TS 131 124 V16.10.1:2023
Comitet Tehnic ETSI: 3GPP CT
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.10.1 Release 16)

TS 131 130 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP CT
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; (U)SIM Application Programming Interface (API); (U)SIM API for Javaâ„? Card (3GPP TS 31.130 version 17.1.0 Release 17)

TS 132 130 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Network sharing; Concepts and requirements (3GPP TS 32.130 version 17.5.0 Release 17)

TS 132 155 V16.1.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Requirements template (3GPP TS 32.155

version 16.1.0 Release 16)

TS 132 155 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Requirements template (3GPP TS 32.155 version 17.1.0 Release 17)

TS 132 156 V16.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 16.7.0 Release 16)

TS 132 156 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.2.0 Release 17)

TS 132 158 V16.8.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Management and orchestration;Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.8.0 Release 16)

TS 132 158 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Management and orchestration;Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 17.3.0 Release 17)

TS 132 160 V16.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Management and orchestration; Management service template (3GPP TS 32.160 version 16.6.0 Release 16)

TS 132 160 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Management and orchestration; Management service template (3GPP TS 32.160 version 17.6.0 Release 17)

TS 132 240 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Charging management; Charging architecture and principles (3GPP TS 32.240 version 17.8.0 Release 17)

TS 132 254 V16.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Telecommunication management; Charging management; Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 16.6.0 Release 16)

TS 132 254 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Telecommunication management; Charging management; Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 17.3.0 Release 17)

TS 132 255 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2 (3GPP TS 32.255 version 16.13.0 Release 16)

TS 132 255 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2 (3GPP TS 32.255 version 17.8.0 Release 17)

TS 132 256 V16.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Charging management; 5G connection and mobility domain charging; Stage 2 (3GPP TS 32.256 version 16.3.0 Release 16)

TS 132 256 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Charging management; 5G connection and mobility domain charging; Stage 2 (3GPP TS 32.256 version 17.2.0 Release 17)

TS 132 257 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Telecommunication management; Charging management; Edge computing domain charging (3GPP TS 32.257 version 17.2.0 Release 17)

TS 132 260 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management;Charging management;IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 17.5.0 Release 17)

TS 132 277 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Charging management; Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 17.4.0 Release 17)

TS 132 290 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 17.6.0 Release 17)

TS 132 291 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Telecommunication management; Charging management; 5G system, charging service; Stage 3 (3GPP TS 32.291 version 16.14.0 Release 16)

TS 132 291 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Telecommunication management; Charging management; 5G system, charging service; Stage 3 (3GPP TS 32.291 version 17.5.0 Release 17)

TS 132 298 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 16.12.0 Release 16)

TS 132 298 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 17.5.0 Release 17)

TS 132 422 V17.9.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace control and configuration management (3GPP TS 32.422 version 17.9.0 Release 17)

TS 132 423 V16.8.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace data definition and management (3GPP TS 32.423 version 16.8.0 Release 16)

TS 133 117 V16.9.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Catalogue of general security assurance requirements (3GPP TS 33.117 version 16.9.0 Release 16)

TS 133 117 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Catalogue of general security assurance requirements (3GPP TS 33.117 version 17.2.0 Release 17)

TS 133 122 V15.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs (3GPP TS 33.122 version 15.4.0 Release 15)

TS 133 122 V16.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs (3GPP TS 33.122 version 16.4.0 Release 16)

TS 133 122 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs (3GPP TS 33.122 version 17.1.0 Release 17)

TS 133 127 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA

Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 17.7.0 Release 17)

TS 133 128 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Security; Protocol and procedures for Lawful Interception (LI); Stage 3 (3GPP TS 33.128 version 16.13.0 Release 16)

TS 133 128 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Security; Protocol and procedures for Lawful Interception (LI); Stage 3 (3GPP TS 33.128 version 17.7.0 Release 17)

TS 133 179 V13.12.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Security of Mission Critical Push To Talk (MCPTT) over LTE (3GPP TS 33.179 version 13.12.0 Release 13)

TS 133 180 V14.12.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Security of the Mission Critical (MC) service (3GPP TS 33.180 version 14.12.0 Release 14)

TS 133 180 V15.13.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Security of the Mission Critical (MC) service (3GPP TS 33.180 version 15.13.0 Release 15)

TS 133 180 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Security of the Mission Critical (MC) service (3GPP TS 33.180 version 16.11.0 Release 16)

TS 133 180 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Security of the Mission Critical (MC) service (3GPP TS 33.180 version 17.8.0 Release 17)

TS 133 216 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class (3GPP TS 33.216 version 17.0.0 Release 17)

TS 133 220 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP SA
Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) (3GPP TS 33.220 version 17.4.0 Release 17)

TS 133 256 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.2.0 Release 17)

TS 133 310 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Network Domain Security (NDS); Authentication Framework (AF) (3GPP TS 33.310 version 16.12.0 Release 16)

TS 133 310 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP SA
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Network Domain Security (NDS); Authentication Framework (AF) (3GPP TS 33.310 version 17.5.0 Release 17)

TS 133 501 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.13.0 Release 16)

TS 133 501 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.8.0 Release 17)

TS 133 503 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 17.2.0 Release 17)

TS 133 511 V16.9.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Security Assurance Specification (SCAS) for the next generation Node B (gNodeB)

network product class (3GPP TS 33.511 version 16.9.0 Release 16)

TS 133 511 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 17.3.0 Release 17)

TS 133 513 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; 5G Security Assurance Specification (SCAS); User Plane Function (UPF) (3GPP TS 33.513 version 17.1.0 Release 17)

TS 133 558 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP SA
5G; Security aspects of enhancement of support for enabling edge applications (3GPP TS 33.558 version 17.3.0 Release 17)

TR 133 926 V16.7.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 16.7.0 Release 16)

TR 133 926 V17.6.0:2023
Comitet Tehnic ETSI: 3GPP SA
LTE; 5G; Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 17.6.0 Release 17)

TS 134 123-3 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 17.0.0 Release 17)

TS 134 229-1 V16.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 16.4.0 Release 16)

TS 134 229-2 V16.5.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 16.5.0 Release 16)

TS 134 229-3 V16.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 16.8.0 Release 16)

TS 134 229-3 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 17.0.0 Release 17)

TS 134 229-5 V16.5.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 5: Protocol conformance specification using 5G System (5GS) (3GPP TS 34.229-5 version 16.5.0 Release 16)

TS 136 101 V14.24.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.24.0 Release 14)

TS 136 101 V15.20.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.20.0 Release 15)

TS 136 101 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP RAN

LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.15.0 Release 16)

TS 136 101 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.7.0 Release 17)

TS 136 101 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.8.0 Release 17)

TS 136 104 V17.8.0:2023
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 17.8.0 Release 17)

TS 136 133 V13.23.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 13.23.0 Release 13)

TS 136 133 V14.23.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 14.23.0 Release 14)

TS 136 133 V15.18.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 15.18.0 Release 15)

TS 136 133 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 16.15.0 Release 16)

TS 136 133 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 17.7.0 Release 17)

TS 136 133 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 17.8.0 Release 17)

TS 136 141 V15.17.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 15.17.0 Release 15)

TS 136 141 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 16.15.0 Release 16)

TS 136 141 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 17.8.0 Release 17)

TS 136 213 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 17.4.0 Release 17)

TS 136 300 V15.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 (3GPP TS 36.300 version 15.14.0 Release 15)

TS 136 300 V16.9.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 (3GPP TS 36.300 version 16.9.0 Release 16)

TS 136 300 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-

UTRAN); Overall description; Stage 2 (3GPP TS 36.300 version 17.3.0 Release 17)

TS 136 304 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 17.3.0 Release 17)

TS 136 306 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 17.3.0 Release 17)

TS 136 307 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 17.3.0 Release 17)

TS 136 321 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 17.3.0 Release 17)

TS 136 323 V16.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 16.7.0 Release 16)

TS 136 323 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 17.2.0 Release 17)

TS 136 331 V15.20.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 15.20.0 Release 15)

TS 136 331 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 16.11.0 Release 16)

TS 136 331 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 17.3.0 Release 17)

TS 136 413 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.3.0 Release 17)

TS 136 423 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.3.0 Release 17)

TS 136 508 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 17.4.0 Release 17)

TS 136 509 V16.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 16.4.0 Release 16)

TS 136 509 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 17.2.0 Release 17)

TS 136 521-1 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing (3GPP TS 36.521-1 version 17.5.0 Release 17)

TS 136 521-2 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP RAN

LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 16.15.0 Release 16)

TS 136 521-2 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 17.1.0 Release 17)

TS 136 521-3 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 16.15.0 Release 16)

TS 136 521-3 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 17.0.0 Release 17)

TS 136 523-1 V16.12.0:2023
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 16.12.0 Release 16)

TS 136 523-2 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 16.12.0 Release 16)

TS 136 523-2 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 17.4.0 Release 17)

TS 136 523-3 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Test suites (3GPP TS 36.523-3 version 17.4.0 Release 17)

TS 136 523-3 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Test suites (3GPP TS 36.523-3 version 17.5.0 Release 17)

TS 136 579-1 V15.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 1: Common test environment (3GPP TS 36.579-1 version 15.8.0 Release 15)

TS 136 579-2 V14.12.0:2023
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 14.12.0 Release 14)

TS 136 579-2 V15.6.0:2023
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 15.6.0 Release 15)

TS 136 579-5 V14.9.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.9.0 Release 14)

TS 136 579-5 V15.1.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 15.1.0 Release 15)

TS 136 579-5 V16.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 16.0.0 Release 16)

TS 136 579-5 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 17.0.0 Release 17)

TS 136 579-6 V15.5.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 15.5.0 Release 15)

TS 136 579-7 V15.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Mission Critical (MC) services over LTE; Part 7: Mission Critical Data (MCData) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-7 version 15.4.0 Release 15)

TR 136 903 V15.6.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 15.6.0 Release 15)

TS 137 141 V15.20.0:2023
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 15.20.0 Release 15)

TS 137 141 V16.16.0:2023
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 16.16.0 Release 16)

TS 137 141 V17.8.0:2023
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 17.8.0 Release 17)

TS 137 213 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.11.0 Release 16)

TS 137 213 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 17.4.0 Release 17)

TS 137 320 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (3GPP TS 37.320 version 17.2.0 Release 17)

TS 137 340 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 16.12.0 Release 16)

TS 137 340 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 17.3.0 Release 17)

TS 137 355 V16.9.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.9.0 Release 16)

TS 137 355 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 17.3.0 Release 17)

TS 137 483 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN

5G; E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.3.0 Release 17)

TS 137 571-1 V16.15.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.15.0 Release 16)

TS 137 571-2 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance (3GPP TS 37.571-2 version 16.14.0 Release 16)

TS 137 571-3 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 16.14.0 Release 16)

TS 137 571-4 V16.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites (3GPP TS 37.571-4 version 16.8.0 Release 16)

TS 137 571-4 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites (3GPP TS 37.571-4 version 17.0.0 Release 17)

TS 137 571-5 V16.10.0:2023
Comitet Tehnic ETSI: 3GPP RAN
Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 16.10.0 Release 16)

TS 138 101-1 V15.20.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.20.0 Release 15)

TS 138 101-1 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.14.0 Release 16)

TS 138 101-1 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 17.8.0 Release 17)

TS 138 101-2 V15.20.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.20.0 Release 15)

TS 138 101-2 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.14.0 Release 16)

TS 138 101-2 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 17.8.0 Release 17)

TS 138 101-3 V15.19.1:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 15.19.1 Release 15)

TS 138 101-3 V15.20.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 15.20.0 Release 15)

TS 138 101-3 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1

and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 16.14.0 Release 16)

TS 138 101-3 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 17.8.0 Release 17)

TS 138 101-4 V15.16.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 15.16.0 Release 15)

TS 138 101-4 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 16.11.0 Release 16)

TS 138 101-4 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 17.7.0 Release 17)

TS 138 101-5 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio transmission and reception; Part 5: Satellite access Radio Frequency (RF) and performance requirements (3GPP TS 38.101-5 version 17.2.0 Release 17)

TS 138 104 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.14.0 Release 16)

TS 138 104 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 17.8.0 Release 17)

TS 138 106 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR repeater radio transmission and reception (3GPP TS 38.106 version 17.3.0 Release 17)

TS 138 108 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Satellite Access Node radio transmission and reception (3GPP TS 38.108 version 17.2.0 Release 17)

TS 138 114 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Repeaters ElectroMagnetic Compatibility (EMC) (3GPP TS 38.114 version 17.2.0 Release 17)

TS 138 115-1 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Repeater conformance testing - Part 1: Conducted conformance testing (3GPP TS 38.115-1 version 17.0.0 Release 17)

TS 138 115-2 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Repeater conformance testing - Part 2: Radiated conformance testing (3GPP TS 38.115-2 version 17.0.0 Release 17)

TS 138 133 V15.19.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 15.19.0 Release 15)

TS 138 133 V15.20.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 15.20.0 Release 15)

TS 138 133 V16.13.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 16.13.0 Release 16)

TS 138 133 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 16.14.0 Release 16)

TS 138 133 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 17.8.0 Release 17)

TS 138 141-1 V15.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) conformance

testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.14.0 Release 15)

TS 138 141-1 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.14.0 Release 16)

TS 138 141-1 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 17.8.0 Release 17)

TS 138 141-2 V15.16.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.16.0 Release 15)

TS 138 141-2 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.14.0 Release 16)

TS 138 141-2 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 17.8.0 Release 17)

TS 138 151 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) Multiple Input Multiple Output (MIMO) Over-the-Air (OTA) performance requirements (3GPP TS 38.151 version 17.3.0 Release 17)

TS 138 161 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) TRP (Total Radiated Power) and TRS (Total Radiated Sensitivity) requirements; Range 1 Standalone and Range 1 Interworking operation with other radios (3GPP TS 38.161 version 17.1.0 Release 17)

TS 138 174 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Integrated Access and Backhaul (IAB) radio transmission and reception (3GPP TS 38.174 version 17.2.0 Release 17)

TS 138 176-1 V17.3.0:2023
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 17.3.0 Release 17)

TS 138 176-2 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 17.3.0 Release 17)

TS 138 202 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Services provided by the physical layer (3GPP TS 38.202 version 17.3.0 Release 17)

TS 138 211 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Physical channels and modulation (3GPP TS 38.211 version 17.4.0 Release 17)

TS 138 212 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Multiplexing and channel coding (3GPP TS 38.212 version 17.4.0 Release 17)

TS 138 213 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Physical layer procedures for control (3GPP TS 38.213 version 16.12.0 Release 16)

TS 138 213 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Physical layer procedures for control (3GPP TS 38.213 version 17.4.0 Release 17)

TS 138 214 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Physical layer procedures for data (3GPP TS 38.214 version 16.12.0 Release 16)

TS 138 214 V17.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Physical layer procedures for data (3GPP TS 38.214 version 17.4.0 Release 17)

TS 138 300 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; NR and NG-RAN Overall

description; Stage-2 (3GPP TS 38.300 version 16.11.0 Release 16)

TS 138 300 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; NR and NG-RAN Overall description; Stage-2 (3GPP TS 38.300 version 17.3.0 Release 17)

TS 138 304 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 17.3.0 Release 17)

TS 138 305 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 17.3.0 Release 17)

TS 138 306 V15.19.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.19.0 Release 15)

TS 138 306 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.11.0 Release 16)

TS 138 306 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 17.3.0 Release 17)

TS 138 307 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.12.0 Release 16)

TS 138 307 V17.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 17.8.0 Release 17)

TS 138 314 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Layer 2 measurements (3GPP TS 38.314 version 17.2.0 Release 17)

TS 138 321 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.11.0 Release 16)

TS 138 321 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 17.3.0 Release 17)

TS 138 322 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Radio Link Control (RLC) protocol specification (3GPP TS 38.322 version 17.2.0 Release 17)

TS 138 323 V16.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 16.8.0 Release 16)

TS 138 323 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 17.3.0 Release 17)

TS 138 331 V15.20.1:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 15.20.1 Release 15)

TS 138 331 V16.11.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 16.11.0 Release 16)

TS 138 331 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 17.3.0 Release 17)

TS 138 340 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 17.3.0 Release 17)

TS 138 351 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Sidelink Relay Adaptation Protocol

(SRAP) Specification (3GPP TS 38.351 version 17.3.0 Release 17)

TS 138 401 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; Architecture description (3GPP TS 38.401 version 17.3.0 Release 17)

TS 138 413 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 17.3.0 Release 17)

TS 138 423 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.12.0 Release 16)

TS 138 423 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.3.0 Release 17)

TS 138 425 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; NR user plane protocol (3GPP TS 38.425 version 17.2.0 Release 17)

TS 138 455 V16.10.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.10.0 Release 16)

TS 138 455 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 17.3.0 Release 17)

TS 138 463 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.12.0 Release 16)

TS 138 470 V16.8.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 16.8.0 Release 16)

TS 138 470 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 17.3.0 Release 17)

TS 138 473 V16.12.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.12.0 Release 16)

TS 138 473 V17.3.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.3.0 Release 17)

TS 138 508-2 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 17.7.0 Release 17)

TS 138 509 V17.2.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 17.2.0 Release 17)

TS 138 521-1 V15.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone (3GPP TS 38.521-1 version 15.4.0 Release 15)

TS 138 521-2 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 standalone (3GPP TS 38.521-2 version 16.14.0 Release 16)

TS 138 521-3 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.521-3 version 17.7.0 Release 17)

TS 138 521-4 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 4: Performance (3GPP TS 38.521-4 version 16.14.0 Release 16)

TS 138 522 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN

5G; NR; User Equipment (UE) conformance specification; Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 17.7.0 Release 17)

TS 138 523-1 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 1: Protocol (3GPP TS 38.523-1 version 16.14.0 Release 16)

TS 138 523-2 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.14.0 Release 16)

TS 138 523-2 V17.1.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 17.1.0 Release 17)

TS 138 523-3 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP RAN
LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 17.5.0 Release 17)

TS 138 533 V17.5.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; User Equipment (UE) conformance specification; Radio Resource Management (RRM) (3GPP TS 38.533 version 17.5.0 Release 17)

TR 138 903 V16.14.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 16.14.0 Release 16)

TR 138 903 V17.0.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 17.0.0 Release 17)

TR 138 905 V15.4.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 15.4.0 Release 15)

TR 138 905 V17.7.0:2023
Comitet Tehnic ETSI: 3GPP RAN
5G; NR; Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 17.7.0 Release 17)

ES 201 468 V1.7.1:2023
Comitet Tehnic ETSI: ERM WGEMC
Additional ElectroMagnetic Compatibility (EMC) requirements and resistibility requirements for telecommunications equipment for enhanced availability of service in specific applications

EN 300 132-3 V2.3.1:2023
Comitet Tehnic ETSI: EE 2
Environmental Engineering (EE); Power supply interface at the input of Information and Communication Technology (ICT) equipment; Part 3: Up to 400 V Direct Current (DC)

EN 301 489-3 V2.3.2:2023
Comitet Tehnic ETSI: ERM WGEMC
ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz; Harmonised Standard for ElectroMagnetic Compatibility

EN 301 908-1 V15.2.1:2023
Comitet Tehnic ETSI: MSG TFES
IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements; Release 15

EN 303 808 V1.1.1:2023
Comitet Tehnic ETSI: EE EEPS
Environmental Engineering (EE); Applicability of EN 45552 to EN 45559 methods for assessment of material efficiency aspects of ICT network infrastructure goods in the context of circular economy

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

*În perioada **2023.01.01** – **2023.01.31***

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.

prEN ISO 3657
Animal and vegetable fats and oils - Determination of saponification value (ISO/DIS 3657:2023)
dea: 2023-04-11

EN ISO 11855-3:2021/prA1
Building environment design - Embedded radiant heating and cooling systems - Part 3: Design and dimensioning - Amendment 1 (ISO 11855-3:2021/DAM 1:2023)
dea: 2023-04-12

EN ISO 16321-1:2022/prA1
Eye and face protection for occupational use - Part 1: General requirements - Amendment 1 (ISO 16321-1:2021/DAM 1:2023)
dea: 2023-04-04

01.040 Vocabulare

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

prEN ISO 41011
Facility management - Vocabulary (ISO/DIS 41011:2023)
dea: 2023-04-03

03.080 Servicii

03.080.10 Servicii de mentenanta. Managementul infrastructurii

prEN ISO 41011
Facility management - Vocabulary (ISO/DIS 41011:2023)
dea: 2023-04-03

11.040 Echipament medical

11.040.10 Echipament pentru anestezie, respiratie si reanimare

prEN ISO 5362
Anaesthetic and respiratory equipment - Anaesthetic reservoir bags (ISO/DIS 5362:2023)
dea: 2023-04-07

11.080 Sterilizare si dezinfectare

11.080.01 Sterilizare si dezinfectare în general

prEN 556-1
Sterilization of medical devices - Requirements for medical devices to be designated "STERILE" - Part 1: Requirements for terminally sterilized medical devices
dea: 2023-04-13

prEN 556-2
Sterilization of medical devices - Requirements for medical devices to be designated "STERILE" - Part 2: requirements for aseptically processed medical devices
dea: 2023-04-13

11.140 Echipament pentru spitale

EN 455-1:2020+A1:2022/prA2:2023
Medical gloves for single use - Part 1: Requirements and testing for freedom of holes
dea: 2023-04-06

prEN 455-2
Medical gloves for single use - Part 2: Requirements and testing for physical properties
dea: 2023-04-06

11.160 Primul ajutor

EN 1789:2020/prA1
Medical vehicles and their equipment - Road ambulances
dea: 2023-04-06

13.040 Calitatea aerului

13.040.20 Aer ambiant

prEN ISO 16000-9
Indoor air - Part 9: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test chamber method (ISO/DIS 16000-9:2023)
dea: 2023-04-19

13.060 Calitatea apei

13.060.45 Examinarea apei în general

prEN ISO 5667-3
Water quality - Sampling - Part 3: Preservation and handling of water samples (ISO/DIS 5667-3:2023)
dea: 2023-03-30

13.140 Zgomot si efectele sale asupra omului

prEN ISO 9612
Acoustics - Determination of occupational noise exposure - Methodology (ISO/DIS 9612:2023)
dea: 2023-04-11

13.300 Protectia contra produselor periculoase

EN 12972:2018/prA1
Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks
dea: 2023-04-13

13.310 Protectia împotriva crimei

EN 14450:2017/prA1
Secure storage units - Requirements, classification and methods of test for resistance to burglary - Secure cabinets
dea: 2023-04-20

13.340 Echipament de protectie individuala

13.340.10 Îmbracaminte de protectie

prEN ISO 13506-2
Protective clothing against heat and flame - Part 2: Skin burn injury prediction - Calculation requirements and test cases (ISO/DIS 13506-2:2023)
dea: 2023-04-19

prEN ISO 14460
Protective clothing for automobile racing drivers - Protection against heat and flame - Performance requirements and test methods (ISO/DIS 14460:2023)
dea: 2023-04-27

prEN ISO 24231
Protective clothing - Protection against rain - Test method for ready-made garments against high energy droplets from above (ISO/DIS 24231:2023)
dea: 2023-04-06

prEN ISO 24232
Protective clothing - Protection against rain (ISO/DIS 24232:2023)
dea: 2023-04-06

17.040 Masurari de lungimi si unghiulare

17.040.20 Starea suprafetelor
prEN ISO 16610-45
Geometrical product specifications (GPS) - Filtration - Part 45: Morphological profile filters: Segmentation (ISO/DIS 16610-45:2023)
dea: 2023-03-29

17.040.40 Specificatie geometrica pentru produse (GPS)

prEN ISO 16610-45
Geometrical product specifications (GPS) - Filtration - Part 45: Morphological profile filters: Segmentation (ISO/DIS 16610-45:2023)
dea: 2023-03-29

17.140 Acustica si masurari acustice

17.140.01 Masurari acustice si atenuarea zgomotului în general

prEN ISO 3744
Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane (ISO/DIS 3744:2023)
dea: 2023-03-31

prEN ISO 5114-1
Acoustics - Determination of uncertainties associated with sound emission measures - Part 1: Sound power levels determined from sound pressure measurements (ISO/DIS 5114-1:2023)
dea: 2023-03-30

prEN ISO 26101-2
Acoustics - Test methods for the qualification of the acoustic environment - Part 2: Determination of the environmental correction (ISO/DIS 26101-2:2023)
dea: 2023-03-31

17.180 Optica si masurari optice

17.180.20 Culori si masurarea luminii

prEN ISO 18314-4
Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant (ISO/DIS 18314-4:2023)
dea: 2023-03-31

21.040 Filete

21.040.30 Filete speciale

EN ISO 11363-1:2018/prA1
Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications - Amendment 1 (ISO 11363-1:2018/DAM 1:2023)
dea: 2023-05-22

23.020 Mijloace pentru stocarea fluidelor

23.020.20 Rezervoare si recipiente montate pe vehicule

EN 12972:2018/prA1
Tanks for transport of dangerous goods - Testing, inspection and marking of metallic tanks
dea: 2023-04-13

23.020.35 Butelii de gaz

EN ISO 11363-1:2018/prA1
Gas cylinders - 17E and 25E taper threads for connection of valves to gas cylinders - Part 1: Specifications - Amendment 1 (ISO 11363-1:2018/DAM 1:2023)
dea: 2023-05-22

23.040 Conducte si accesorii

23.040.05 Conducte si partile lor pentru sistemele de colectare a apelor uzate si a apelor pluviale

FprCEN/TS 14632
Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity
dea: 2023-04-06

23.040.10 Tevi si tuburi din fonta si otel

EN 10217-1:2019/prA1
Welded steel tubes for pressure purposes - Technical delivery conditions - Part 1: Electric welded and submerged arc welded non-alloy steel tubes with specified room temperature properties
dea: 2023-04-13

23.040.80 Etansari pentru tevi si furtunuri flexibile

prEN 1514-1
Flanges and their joints - Dimensions of gaskets for PN-designated flanges - Part 1: Non-metallic flat gaskets with or without inserts
dea: 2023-04-20

prEN 12560-1
Flanges and their joints - Dimensions of gaskets for Class-designated flanges - Part 1: Non-metallic flat gaskets with or without inserts
dea: 2023-04-20

23.060 Robinetarie

23.060.01 Robinetarie în general

prEN ISO 8233
Thermoplastics valves - Torque - Test method (ISO/DIS 8233:2023)
dea: 2023-04-05

25.160 Sudare si lipire

25.160.30 Masini de sudare

prEN ISO 9012
Gas welding equipment - Air-aspirated hand blowpipes - Specifications and tests (ISO/DIS

9012:2023)
dea: 2023-03-27

prEN 17942
Gas welding equipment - Safety requirements for thermoprocess equipment with open firing oxy-fuel gas welding equipment
dea: 2023-04-06

25.160.50 Lipire

prEN ISO 5179
Investigation of brazeability with spreading and gap-filling test (ISO 5179:2021)
dea: 2023-04-06

25.220 Tratamente si acoperiri de suprafata

25.220.20 Tratarea suprafetei

prEN ISO 14919
Thermal spraying - Wires, rods and cords for flame and arc spraying - Classification - Technical supply conditions (ISO/DIS 14919:2023)
dea: 2023-04-11
prEN 15520
Thermal spraying - Recommendations for constructional design of components with thermally sprayed coatings
dea: 2023-04-13

27.190 Energie biologica si alte surse de energie alternativa

prEN ISO 17830
Solid biofuels - Particle size distribution of disintegrated pellets (ISO/DIS 17830:2023)
dea: 2023-03-28

29.030 Materiale magnetice

prEN 10251
Magnetic materials - Methods of determination of the geometrical characteristics of electrical steel sheet and strip
dea: 2023-04-13

33.200 Telecomanda. Teleconducere

EN 13757-2:2018/prA1
Communication systems for meters - Part 2: Wired M-Bus communication
dea: 2023-04-06

35.100 Interconexiunea sistemelor deschise (OSI)

35.100.10 Strat fizic

EN 13757-2:2018/prA1
Communication systems for meters - Part 2: Wired M-Bus communication
dea: 2023-04-06

35.240 Aplicatii privind tehnologia informatiei

35.240.60 Aplicatii IT în transport

prEN 15430-1
Winter and road service area maintenance equipment - Data acquisition and transmission - Part 1: In-vehicle data acquisition
dea: 2023-04-13

35.240.99 Aplicatii IT în alte domenii

EN 13757-2:2018/prA1
Communication systems for meters - Part 2: Wired M-Bus communication
dea: 2023-04-06

43.160 Vehicule cu destinatie speciala

EN 1789:2020/prA1
Medical vehicles and their equipment - Road ambulances
dea: 2023-04-06

prEN 15430-1
Winter and road service area maintenance equipment - Data acquisition and transmission - Part 1: In-vehicle data acquisition
dea: 2023-04-13

45.040 Materiale si componente pentru cai ferate

EN 15624:2021/prA1
Railway applications - Braking - Empty-loaded changeover devices
dea: 2023-04-06

47.020 Constructii navale si structuri maritime în general

47.020.50 Masini, echipamente si instalatii pentru punte

prEN ISO 9519
Ships and marine technology - Single rungs and rungs for dog-step ladders (ISO/DIS 9519:2023)
dea: 2023-04-05

47.080 Nave de agrement

prEN ISO 10239
Small craft - Liquefied petroleum gas (LPG) systems (ISO/DIS 10239:2023)
dea: 2023-04-04

49.030 Elemente de asamblare pentru industria aeronautica

49.030.01 Elemente de asamblare în general

prEN 3043
Aerospace series - Fasteners, externally threaded, in heat resisting steel FE PA92HT (A286) - Classification: 900 MPa/650 °C, manufacturing method optional - Technical specification
dea: 2023-04-13

49.030.30 Piulite

prEN 4013
Aerospace series - Shank nuts, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated - Classification: 1 550 MPa (at ambient temperature) / 600 °C
dea: 2023-04-20

59.080 Produse din industria textila

59.080.01 Textile în general

prEN ISO 105-C09
Textiles - Tests for colour fastness - Part C09: Colour fastness to domestic and commercial laundering - Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator (ISO/DIS 105-C09:2023)
dea: 2023-03-30

prEN ISO 24231
Protective clothing - Protection against rain - Test method for ready-made garments against high energy droplets from above (ISO/DIS 24231:2023)
dea: 2023-04-06

59.080.30 Tesaturi din textile

prEN ISO 9073-18
Nonwovens - Test methods - Part 18: Determination of breaking strength and elongation using the grab tensile test (ISO/DIS 9073-18:2023)
dea: 2023-04-21

65.060 Masini si echipamente agricole

65.060.99 Alte masini si echipamente agricole

prEN ISO 3991
Agricultural machinery - Robotic feed systems - Safety (ISO/DIS 3991:2023)
dea: 2023-03-28

65.080 Îngrasaminte

prEN 12579
Soil improvers and growing media - Sampling
dea: 2023-04-06

71.080 Chimie organica

71.080.15 Hidrocarburi aromatice

prEN 17937
Regulated chemicals in products - Determination of the content of polycyclic aromatic hydrocarbons (PAHs) by gas chromatography coupled to mass-spectrometry in plastic and rubber in articles supplied to the general public that come into direct contact with human skin and oral cavity
dea: 2023-04-13

71.100 Produse din industria chimica

71.100.35 Dezinfectante de uz industrial si casnic

prEN 14349
Chemical disinfectants and antiseptics - Quantitative surface test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in the veterinary area on non-porous surfaces without mechanical action - Test method and requirements (phase 2, step 2)
dea: 2023-04-06

75.160 Combustibili

75.160.20 Combustibili lichizi

prEN 12662-2
Liquid petroleum products - Determination of total contamination - Part 2: Fatty acid methyl esters
dea: 2023-04-06

prEN 12662-1
Liquid petroleum products - Determination of total contamination - Part 1: Middle distillates and diesel fuels
dea: 2023-04-06

75.160.40 Biocombustibili

prEN 12662-2
Liquid petroleum products - Determination of total contamination - Part 2: Fatty acid methyl esters
dea: 2023-04-06

prEN 12662-1
Liquid petroleum products - Determination of total contamination - Part 1: Middle distillates and diesel fuels
dea: 2023-04-06

prEN 16300
Automotive fuels - Determination of iodine value in fatty acid methyl esters (FAME) - Calculation method from gas chromatographic data
dea: 2023-02-24

prEN ISO 17830
Solid biofuels - Particle size distribution of disintegrated pellets (ISO/DIS 17830:2023)
dea: 2023-03-28

75.200 Masini si utilaje pentru transportul produselor petroliere si a gazului natural

prEN ISO 16486-1
Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 1: General (ISO/DIS 16486-1:2023)
dea: 2023-04-18

77.140 Produse din otel si fonta

77.140.15 Oteluri pentru armarea betonului

prEN 10080
Steel for the reinforcement of concrete - Weldable reinforcing steel - General
dea: 2023-04-13

77.140.50 Produse si semi-produse plate din otel

prEN 10251
Magnetic materials - Methods of determination of the geometrical characteristics of electrical steel sheet and strip
dea: 2023-04-13

77.140.75 Tevi si tuburi din otel pentru utilizari speciale

EN 10217-1:2019/prA1
Welded steel tubes for pressure purposes - Technical delivery conditions - Part 1: Electric welded and submerged arc welded non-alloy steel tubes with specified room temperature properties
dea: 2023-04-13

77.150 Produse din metale neferoase

77.150.30 Produse din cupru

prEN 1982
Copper and copper alloys - Ingots and castings
dea: 2023-04-06

81.040 Sticla

81.040.20 Sticla pentru constructii

prEN 17940
Glass in Building - Folio Interlayers for the Manufacturing of Laminated Glass - Product standard
dea: 2023-01-28

83.080 Materiale plastice

83.080.20 Materiale termoplastice

prEN ISO 19069-2
Plastics - Polypropylene (PP) moulding and extrusion materials - Part2: Preparation of test specimens and determination of properties (ISO/DIS 19069-2:2023)
dea: 2023-03-27

83.140 Produse din cauciuc si materiale plastice

83.140.01 Produse din cauciuc si materiale plastice, în general

prEN 17937
Regulated chemicals in products - Determination of the content of polycyclic aromatic hydrocarbons (PAHs) by gas chromatography coupled to mass-spectrometry in plastic and rubber in articles supplied to the general public that come into direct contact with human skin and oral cavity
dea: 2023-04-13

83.140.30 Tevi de material plastic si fitinguri pentru utilizari fara fluide

prEN ISO 8233
Thermoplastics valves - Torque - Test method (ISO/DIS 8233:2023)
dea: 2023-04-05

prEN ISO 16486-1
Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 1: General (ISO/DIS 16486-1:2023)
dea: 2023-04-18

85.080 Produse din hârtie

85.080.20 Hârtie igienico sanitara

prEN ISO 12625-5
Tissue paper and tissue products - Part 5: Determination of wet tensile strength (ISO/DIS 12625-5:2023)
dea: 2023-04-18

87.060 Ingrediente pentru vopsele

87.060.10 Pigmenti si materiale de umplutura

prEN ISO 3262-12
Extenders - Specifications and methods of test - Part 12: Muscovite-type mica (ISO/DIS 3262-12:2023)
dea: 2023-03-27

prEN ISO 3262-22
Extenders - Specifications and methods of test - Part 22: Flux-calcined kieselguhr (ISO/DIS 3262-22:2023)
dea: 2023-03-28

prEN ISO 3549
Zinc dust pigments for paints - Specifications and test methods (ISO/DIS 3549:2023)
dea: 2023-04-12

prEN ISO 18314-4
Analytical colorimetry - Part 4: Metamerism index for pairs of samples for change of illuminant (ISO/DIS 18314-4:2023)
dea: 2023-03-31

91.040 Cladiri

91.040.01 Cladiri, în general

EN ISO 11855-2:2021/prA1
Building environment design - Embedded radiant heating and cooling systems - Part 2: Determination of the design heating and cooling capacity - Amendment 1 (ISO 11855-2:2021/DAM 1:2023)
dea: 2023-04-13

EN ISO 11855-4:2021/prA1
Building environment design - Embedded radiant heating and cooling systems - Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) - Amendment 1 (ISO 11855-4:2021/DAM 1:2023)
dea: 2023-04-13

EN ISO 11855-5:2021/prA1
Building environment design - Embedded radiant heating and cooling systems - Part 5: Installation - Amendment 1 (ISO 11855-5:2021/DAM 1:2023)
dea: 2023-04-13

91.040.10 Cladiri publice

prEN 13200-10
Spectator facilities - Part 10: Calculating of safe capacity in case of emergency
dea: 2023-04-13

91.100 Materiale de constructii

91.100.10 Ciment. Ipsos. Var. Mortar

prEN 480-6
Admixtures for concrete, mortar and grout - Test methods - Part 6: Infrared analysis
dea: 2023-04-06

91.100.30 Beton si produse din beton

prEN 480-6
Admixtures for concrete, mortar and grout -

Test methods - Part 6: Infrared analysis
dea: 2023-04-06

prEN 934-7
Admixtures for concrete, mortar and grout - Part 7: Shrinkage reducing admixtures - Definitions, requirements, conformity, marking and labelling
dea: 2023-04-06

91.140 Instalatii în cladiri

91.140.30 Ventilatie si climatizare

prEN 1751
Ventilation for buildings - Air terminal devices - Aerodynamic testing of damper and valves
dea: 2023-04-13

91.140.50 Sisteme de alimentare cu energie electrica

EN 13757-2:2018/prA1
Communication systems for meters - Part 2: Wired M-Bus communication
dea: 2023-04-06

91.140.60 Sisteme de alimentare cu apa

FprCEN/TS 14632
Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity
dea: 2023-04-06

91.140.80 Sisteme de evacuare a apei

FprCEN/TS 14632
Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity
dea: 2023-04-06

93.030 Sisteme de canalizare externe

FprCEN/TS 14632
Plastics piping systems for drainage, sewerage and water supply, pressure and non-pressure - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resin (UP) - Guidance for the assessment of conformity
dea: 2023-04-06

93.080 Ingineria drumurilor

93.080.20 Materiale de constructii pentru drumuri

prEN 13282-3
Hydraulic road binders - Part 3: Assessment and verification of constancy of performance
dea: 2023-04-06

97.100 Aparate de încalzit de uz casnic, industrial si comercial

97.100.99 Aparate de încalzit utilizând alte surse de energie

prEN 16647-1
Alcohol powered flueless fireplaces – Safety requirements and test methods- Part 1: Manually operated decorative fireplaces for domestic use
dea: 2023-04-13

97.130 Amenajarea magazinelor

97.130.20 Aparate de racit comerciale

prEN 16838
Refrigerated display scooping cabinets and pozzetto for gelato - Classification, requirements, performance and energy consumption testing
dea: 2023-04-20

97.140 Mobila

prEN 15187
Furniture - Assessment of the effect of light exposure
dea: 2023-04-06

97.195 Obiecte de arta si produse din industria de artizanat. Bunuri culturale si patrimoniu cultural

prEN 16163
Conservation of Cultural Heritage - Guidelines and procedures for choosing appropriate lighting for indoor exhibitions
dea: 2023-04-13

97.200 Echipamente pentru distractii

97.200.10 Echipamente pentru teatru, scena si studio

prEN 13200-10
Spectator facilities - Part 10: Calculating of safe capacity in case of emergency
dea: 2023-04-13

97.220 Echipamente si instalatii sportive

97.220.10 Instalatii sportive

prEN 13200-10
Spectator facilities - Part 10: Calculating of safe capacity in case of emergency
dea: 2023-04-13

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

*În perioada **2023.01.01 – 2023.01.31***

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.

prHD 629.3 S1
Test requirements for accessories for use on power cables of rated voltage from 3,6/6(7,2) kV up to 20,8/36(42) kV Part 3: Transition joints between cables with impregnated paper insulation and cables with extruded insulation
dea: 2023-04-07

prEN IEC 60317-89:2023
Specifications for particular types of winding wires - Part 89: Polyesterimide enameled round aluminum wire, class 200
dea: 2023-04-14

prEN IEC 60317-93:2023
Specifications for particular types of winding wires - Part 93: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire, class 220
dea: 2023-04-14

prEN IEC 61643-332:2022
Components for low-voltage surge protection - Part 332: Selection and application principles for metal oxide varistors (MOV)
dea: 2023-03-24

prEN IEC 62933-5-3:2023
Electrical energy storage (EES) systems - Part 5-3: Safety requirements when performing unplanned modification of electrochemical based EES systems
dea: 2023-04-07

prEN IEC 63316:2023
Audio/Video, Information and Communication Technology Equipment - Safety - Power transfer between Communications equipment ports using Communications cabling at = 60 Vd.c. and AC
dea: 2023-04-21

EN IEC 63356-1:2022/prA1:2023
Amendment 1 - LED light source characteristics - Part 1: Data sheets
dea: 2023-04-07

11.040 Echipament medical

11.040.50 Echipament radiologic

prEN IEC 61674:2023
Medical electrical equipment - Dosimeters with ionization chambers and/or semiconductor detectors as used in X-ray diagnostic imaging
dea: 2023-04-21

17.140 Acustica si masurari acustice

17.140.20 Zgomot emis de masini si echipamente

prEN IEC 60704-2-13:2023
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for cooking fume extractors
dea: 2023-03-31

17.220 Electricitate. Magnetism. Masurari electrice si magnetice

17.220.20 Masurari de marimi electrice si magnetice

prEN IEC 60404-8-1:2023
Magnetic materials - Part 8-1: Specifications for individual materials - Magnetically hard materials
dea: 2023-04-14

29.030 Materiale magnetice

prEN IEC 60404-8-1:2023
Magnetic materials - Part 8-1: Specifications for individual materials - Magnetically hard materials
dea: 2023-04-14
prEN IEC 62044-3:2023
Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level
dea: 2023-04-07

29.035 Materiale electroizolante

29.035.01 Materiale electroizolante în general

EN 60811-202:2012/prA2:2023
Electric and optical fibre cables - Test methods for non-metallic materials - Part 202: General tests - Measurement of thickness of non-metallic sheath
dea: 2023-04-21

EN 60811-501:2012/prA2:2023
Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds
dea: 2023-04-21

EN 60811-503:2012/prA1
Electric and optical fibre cables - Test methods for non-metallic materials - Part 503: Mechanical tests - Shrinkage test for sheaths
dea: 2023-04-21

29.035.20 Materiale electroizolante din materiale plastice si cauciuc

prEN 50655-1
Electric cables - Accessories - Material characterization - Part 1: Fingerprinting for resinous compounds
dea: 2023-03-31

29.040 Fluide electroizolante

29.040.01 Fluide electroizolante în general

prEN IEC 63177:2023
Test method for compatibility of construction materials with electrical insulating liquids
dea: 2023-04-14

29.060 Conductoare si cabluri electrice

29.060.10 Conductoare

prEN IEC 60851-3:2023
Winding wires - Test methods - Part 3: Mechanical properties
dea: 2023-04-14

29.060.20 Cabluri

prHD 629.2 S3
Test requirements for accessories for use on power cables of rated voltage from 3,6/6(7,2) kV up to 20,8/36(42) kV - Part 2: Cables with impregnated paper insulation
dea: 2023-04-07

EN 60811-202:2012/prA2:2023
Electric and optical fibre cables - Test methods for non-metallic materials - Part 202: General tests - Measurement of thickness of non-metallic sheath
dea: 2023-04-21

EN 60811-501:2012/prA2:2023
Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds
dea: 2023-04-21

EN 60811-503:2012/prA1
Electric and optical fibre cables - Test methods for non-metallic materials - Part 503: Mechanical tests - Shrinkage test for sheaths
dea: 2023-04-21

29.080 Izolatii electrice

29.080.10 Izolatoare

prEN IEC 62896:2023
Hybrid insulators for a.c. and d.c. for high-voltage applications greater than 1000V AC and 1500 V DC - Definitions, test methods and acceptance criteria
dea: 2023-04-21

29.080.99 Alte standarde referitoare la izolatii electrice

prEN IEC 63177:2023
Test method for compatibility of construction materials with electrical insulating liquids
dea: 2023-04-14

29.100 Componente pentru echipament electric

29.100.10 Componente magnetice

prEN IEC 62044-3:2023
Cores made of soft magnetic materials - Measuring methods - Part 3: Magnetic properties at high excitation level
dea: 2023-04-07

29.120 Accesorii electrice

29.120.40 Întreruptoare

prEN IEC 62626-1:2023
Low-voltage switchgear and controlgear enclosed equipment - Part 1: Additional requirements for enclosed switch-disconnectors according to IEC 60947-3 to provide isolation of electrical equipment during repair and maintenance work in specific applications
dea: 2023-04-21

29.130 Aparate de conectare si comanda

29.130.20 Aparate de conectare si comanda de joasa tensiune

prEN IEC 62626-1:2023
Low-voltage switchgear and controlgear enclosed equipment - Part 1: Additional requirements for enclosed switch-disconnectors according to IEC 60947-3 to provide isolation of electrical equipment during repair and maintenance work in specific applications
dea: 2023-04-21

prEN IEC 63404:2023
Switchgear and controlgear and their assemblies for low voltage - Integration method of radiocommunication device into an equipment
dea: 2023-03-31

29.140 Lampi si accesorii

29.140.50 Instalatii pentru iluminat

prEN IEC 61820-3-2:2023
Electrical installations for lighting and beaconing of aerodromes - Particular requirements for series circuit power supplies
dea: 2023-04-14

29.180 Transformatoare. Bobine de inductanta

prEN 50719
Connecting terminal flags for bushings from 250A to 4 000 A for insulating liquid filled transformers
dea: 2023-04-14

prEN IEC 61558-2-8:2023
Safety of transformers, reactors, power supply units and combinations thereof - Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes
dea: 2023-03-31

prEN IEC 61558-2-9:2023
Safety of transformers, reactors, power supply units and combinations thereof - Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps
dea: 2023-04-07

29.200 Redresoare. Convertizoare. Surse stabilizate

EN 62751-2:2014/prA2:2023
Amendment 2 - Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 2: Modular multilevel converters
dea: 2023-03-31

29.240 Retele de transport si distributie a energiei electrice

29.240.99 Alte echipamente referitoare la instalatii de transport si distributie a energiei electrice

EN 62751-2:2014/prA2:2023
Amendment 2 - Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 2: Modular multilevel converters
dea: 2023-03-31

31.160 Filtre electrice

EN 60939-2:2005/prA1:2023
Amendment 1 - Passive filter units for electromagnetic interference suppression - Part 2: Sectional specification - Passive filter units for which safety tests are appropriate - Test methods and general requirements
dea: 2023-03-31

33.100 Compatibilitate electromagnetica (EMC)

33.100.10 Emisie
EN IEC 62153-4-15:2021/prA1:2023
Metallic cables and other passive components test methods - Part 4-15: Electromagnetic compatibility (EMC) - Test method for measuring transfer impedance and screening attenuation - or coupling attenuation with triaxial cell
dea: 2023-04-21

33.120 Componente si accesorii pentru echipament de telecomunicatii

33.120.10 Cabluri coaxiale. Ghiduri de unda

EN IEC 62153-4-15:2021/prA1:2023
Metallic cables and other passive components test methods - Part 4-15: Electromagnetic compatibility (EMC) - Test method for measuring transfer impedance and screening attenuation - or coupling attenuation with triaxial cell
dea: 2023-04-21

33.120.30 Conectoare pentru frecvente radio

prEN IEC 61169-10:2023
Radio-frequency connectors. Part 10: R.F. coaxial connectors with inner diameter of outer conductor 3 mm (0.12 in) with snap-on coupling - Characteristic impedance 50 ohms (Type SMB)
dea: 2023-03-24

33.180 Comunicatii prin fibra optica

33.180.10 Fibre optice si cabluri

prEN IEC 60794-1-111:2023
Optical fibre cables - Part 1-111: Generic specification - Basic optical cable test procedures - Mechanical tests methods - Bend, method E11
dea: 2023-04-14

33.180.20 Dispozitive de interconectare prin fibre optice

prEN IEC 62149-3:2023
Fibre optic active components and devices - Performance standards - Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems
dea: 2023-03-31

33.180.99 Alte echipamente de transmitere prin fibre optice

prEN IEC 62148-17:2023
Fibre optic active components and devices - Package and interface standards - Part 17: Transmitter and receiver components with dual coaxial RF connectors
dea: 2023-03-31

35.080 Software

EN 50657:2017/prA1
Railways Applications - Rolling stock applications - Software on Board Rolling Stock
dea: 2023-04-07

35.240 Aplicatii privind tehnologia informatiei

35.240.60 Aplicatii IT în transport

EN 50657:2017/prA1
Railways Applications - Rolling stock applications - Software on Board Rolling Stock
dea: 2023-04-07

45.060 Material rulant pentru cai ferate

45.060.10 Material rulant de tractiune

EN 50463-1:2017/prA1
Railway applications - Energy measurement on board trains - Part 1: General
dea: 2023-04-14

EN 50463-2:2017/prA1
Railway applications - Energy measurement on board trains - Part 2: Energy measuring
dea: 2023-04-14

EN 50463-3:2017/prA1
Railway applications - Energy measurement on board trains - Part 3: Data handling
dea: 2023-04-14

EN 50463-5:2017/prA1
Railway applications - Energy measurement on board trains - Part 5: Conformity assessment
dea: 2023-04-14

49.140 Sisteme spatiale, dezvoltare si operare

prEN 16603-20-40
Space engineering - ASIC, FPGA and IP Core engineering
dea: 2023-04-06

93.120 Constructia de aeroporturi

prEN IEC 61820-3-2:2023
Electrical installations for lighting and beaconing of aerodromes - Particular requirements for series circuit power supplies
dea: 2023-04-14

97.040 Echipament de bucatarie
97.040.20 Aragaze, aparate de încalzire, cuptoare si aparate similare

prEN IEC 60704-2-13:2023
Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for cooking fume extractors
dea: 2023-03-31

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

*În perioada **2023.01.01** – **2023.01.31***

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EN 319 421 V1.2.0
Comitet Tehnic ETSI: ESI
Electronic Signatures and Infrastructures (ESI); Policy and Security Requirements for Trust Service Providers issuing Time-Stamps
dea: 2023-05-01

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 **2023.01.01 – 2023.01.31***

IULTCS UNIUNEA INTERNATIONALA A SOCIETATILOR TEHNICIENILOR SI CHIMISTILOR PIELARI

ISO 19076:2023
Leather — Measurement of leather surface — Electronic techniques

ISO/IEC JTC 1 TEHNOLOGIA INFORMATIEI

ISO/IEC/IEEE 8802-1AS:2021/Cor 1:2023
Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Part 1AS: Timing and synchronization for time-sensitive applications in bridged local area networks — Technical Corrigendum 1: Technical and editorial corrections

ISO/IEC 11179-1:2023
Information technology — Metadata registries (MDR) — Part 1: Framework

ISO/IEC 11179-3:2023
Information technology — Metadata registries (MDR) — Part 3: Metamodel for registry common facilities

ISO/IEC 11179-30:2023
Information technology — Metadata registries (MDR) — Part 30: Basic attributes of metadata

ISO/IEC 11179-31:2023
Information technology — Metadata registries (MDR) — Part 31: Metamodel for data specification registration

ISO/IEC 11179-32:2023
Information technology — Metadata registries (MDR) — Part 32: Metamodel for concept system registration

ISO/IEC 11179-33:2023
Information technology — Metadata registries (MDR) — Part 33: Metamodel for data set registration

ISO/IEC 11179-35:2023
Information technology — Metadata registries (MDR) — Part 35: Metamodel for model registration

ISO/IEC 11179-6:2023
Information technology — Metadata registries (MDR) — Part 6: Registration

ISO/IEC 14496-22:2019/Amd 2:2023
Information technology — Coding of audio-visual objects — Part 22: Open Font Format — Amendment 2: Extending colour font functionality and other updates

ISO/IEC 19086-2:2018/Amd 1:2023
Cloud computing — Service level agreement (SLA) framework — Part 2: Metric model — Amendment 1

ISO/IEC 21558-2:2023
Telecommunications and information exchange between systems — Future network architecture — Part 2: Proxy model-based quality of service

ISO/IEC 21559-2:2023
Telecommunications and information exchange between systems — Future network protocols and mechanisms — Part 2: Proxy model-based quality of service

ISO/IEC 23008-1:2023
Information technology — High efficiency coding and media delivery in heterogeneous environments — Part 1: MPEG media transport (MMT)

ISO/IEC 24760-1:2019/Amd 1:2023
IT Security and Privacy — A framework for identity management — Part 1: Terminology and concepts — Amendment 1

ISO/IEC 30107-3:2023
Information technology — Biometric presentation attack detection — Part 3: Testing and reporting

ISO/TC 20 AERONAUTICA SI SPATIU

ISO 14619:2023
Space systems — Space experiments — General requirements

ISO 14625:2023
Space systems — Ground support equipment for use at launch, landing or retrieval sites — General requirements

ISO 23230:2023
Space systems — Paints and varnishes — Processes, procedures, and requirements for coating materials and coatings

ISO/TC 22 VEHICULE RUTIERE

ISO 3894:2023
Road vehicles — Wheels/rims for commercial vehicles — Test methods

ISO/TS 12103-3:2023
Road vehicles — Test contaminants for filter evaluation — Part 3: Soot contaminant

ISO 18246:2023
Electrically propelled mopeds and motorcycles — Safety requirements for conductive connection to an external electric power supply

ISO 22135:2023
Road vehicles — Heavy commercial vehicles and buses — Calculation method for steady-state rollover threshold

ISO/TC 23 TRACTOARE SI MATERIALE AGRICOLE SI FORESTIERE

ISO 24120-2:2023
Agricultural irrigation equipment — Guideline on the implementation of pressurized irrigation systems — Part 2: Drip irrigation

ISO/TC 31 ANVELOPE, JANTE SI VALVE

ISO 20908:2023
Tyre sound emission test — Methods of drum

ISO/TC 34 PRODUSE ALIMENTARE

ISO 10272-1:2017/Amd 1:2023
Microbiology of the food chain — Horizontal method for detection and enumeration of Campylobacter spp. — Part 1: Detection method — Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant Campylobacter spp., the use of growth supplement in Preston broth and changes in the performance testing of culture media

ISO 10272-2:2017/Amd 1:2023
Microbiology of the food chain — Horizontal method for detection and enumeration of Campylobacter spp. — Part 2: Colony-count technique — Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant Campylobacter spp. and changes in the performance testing of culture media

ISO 15213-1:2023
Microbiology of the food chain — Horizontal method for the detection and enumeration of Clostridium spp. — Part 1: Enumeration of sulfite-reducing Clostridium spp. by colony-count technique

ISO 16654:2001/Amd 2:2023
Microbiology of food and animal feeding stuffs — Horizontal method for the detection of Escherichia coli O157 — Amendment 2: Inclusion of performance testing of all culture media and reagents

ISO/TC 35 VOPSELE SI LACURI

ISO 2811-1:2023
Paints and varnishes — Determination of density — Part 1: Pycnometer method

ISO 7142:2023
Binders for paints and varnishes — Epoxy resins — General methods of test

ISO/TC 37 TERMINOLOGIE SI ALTE RESURSE LINGVISTICE

ISO 26162-3:2023
Management of terminology resources — Terminology databases — Part 3: Content

ISO/TC 42 FOTOGRAFIE

ISO 22028-3:2023
Photography and graphic technology — Extended colour encodings for digital image storage, manipulation and interchange — Part 3: Reference input medium metric RGB colour image encoding (RIMM RGB)

ISO/TC 44 SUDARE SI PROCEDEE CONEXE

ISO 5173:2023
Destructive tests on welds in metallic materials — Bend tests

ISO/TC 45 ELASTOMERI SI PRODUSE PE BAZA DE ELASTOMERI

ISO 6502-3:2023
Rubber — Measurement of vulcanization characteristics using curemeters — Part 3: Rotorless curemeter

ISO 12493:2023
Rubber, vulcanized or thermoplastic — Determination of stress in tension under non-isothermal conditions

ISO/TC 46 INFORMARE SI DOCUMENTARE

ISO 15706-1:2023
Information and documentation — International Standard Audiovisual Number (ISAN) — Part 1: Audiovisual work identifier

ISO 15706-2:2023
Information and documentation — International Standard Audiovisual Number (ISAN) — Part 2: Version identifier

ISO/TC 54 ULEIURI ESENTIALE

ISO 1242:2023
Essential oils — Determination of acid value by two titration methods, manual and automatic

ISO/TC 61 MATERIALE PLASTICE

ISO 11337:2023
Plastics — Polyamides — Determination of e-caprolactam and ?-laurolactam by gas chromatography

ISO 13741-1:2023
Plastics/rubber — Determination of residual monomers and other organic components by capillary-column gas chromatography — Part 1: Direct liquid injection method

ISO 20975-1:2023
Fibre-reinforced plastic composites — Determination of laminate through-thickness properties — Part 1: Direct tension and compression tests

ISO/TC 68 SERVICII FINANCIARE

ISO 5158:2023
Mobile financial services — Customer identification guidelines

ISO/TR 7340:2023
Reference data distribution in financial services

ISO 13491-2:2023
Financial services — Secure cryptographic devices (retail) — Part 2: Security compliance checklists for devices used in financial transactions

ISO/TR 22126-3:2023
Financial services — Semantic technology — Part 3: Semantic enrichment of the ISO 20022 conceptual model

ISO/TC 69 APLICATII ALE METODELOR STATISTICE

ISO 16355-7:2023
Applications of statistical and related methods to new technology and product development process — Part 7: Guidelines for developing digitalized products and

services — General principles and perspectives of the QFD method

ISO/TS 27878:2023
Reproducibility of the level of detection (LOD) of binary methods in collaborative and in-house validation studies

ISO/TC 71 BETON, BETON ARMAT SI BETON PRECOMPRIMAT

ISO 24684-2:2023
Aggregates for concrete — Test methods for chemical properties — Part 2: Determination of soluble sulfate salts

ISO/TC 79 METALE USOARE SI ALIAJELE LOR

ISO 7209:2023
Titanium and titanium alloys — Plate, sheet and strip — Technical delivery conditions

ISO/TC 83 ECHIPAMENTE PENTRU SPORT SI RECREERE

ISO 9462:2023
Alpine ski-bindings — Requirements and test methods

ISO/TC 84 DISPOZITIVE PENTRU ADMINISTRAREA PRODUSELOR MEDICALE SI CATETERE INTRAVASCULARE

ISO 21649:2023
Needle-free injection systems for medical use — Requirements and test methods

ISO/TC 92 SECURITATE LA INCENDIU

ISO 21843:2023
Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels

ISO/TC 106 STOMATOLOGIE

ISO 15854:2023
Dentistry — Casting and baseplate waxes

ISO/TC 121 ECHIPAMENTE PENTRU ANESTEZIE SI REANIMARE

ISO 5361:2023
Anaesthetic and respiratory equipment — Tracheal tubes and connectors

IEC 80601-2-59:2017/Amd 1:2023
Medical electrical equipment — Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening — Amendment 1

ISO/TC 122 AMBALAJE

ISO 23416:2023
General specifications and testing methods for temperature-sensitive medicinal packages in good distribution practice principles

ISO/TC 127 MASINI DE TERASAMENT

ISO 12509:2023
Earth-moving machinery and rough-terrain trucks — Lighting, signalling and marking lights, and reflex reflectors

ISO/TC 133 SISTEME SI DESEMNAREA MARIMILOR IMBRACAMINTEI - IN ASTEPTARE

ISO 8559-4:2023
Size designation of clothes — Part 4: Determination of the coverage ratios of body measurement tables

ISO/TC 147 CALITATEA APEI

ISO 7704:2023
Water quality — Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods

ISO/TC 149 BICICLETE

ISO 4210-1:2023
Cycles — Safety requirements for bicycles — Part 1: Vocabulary

ISO 4210-2:2023
Cycles — Safety requirements for bicycles — Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles

ISO 4210-3:2023
Cycles — Safety requirements for bicycles — Part 3: Common test methods

ISO 4210-4:2023
Cycles — Safety requirements for bicycles — Part 4: Braking test methods

ISO 4210-5:2023
Cycles — Safety requirements for bicycles — Part 5: Steering test methods

ISO 4210-6:2023
Cycles — Safety requirements for bicycles — Part 6: Frame and fork test methods

ISO 4210-7:2023
Cycles — Safety requirements for bicycles — Part 7: Wheel and rim test methods

ISO 4210-8:2023
Cycles — Safety requirements for bicycles — Part 8: Pedal and drive system test methods

ISO 4210-9:2023
Cycles — Safety requirements for bicycles — Part 9: Saddles and seat-post test methods

ISO 8098:2023
Cycles — Safety requirements for bicycles for young children

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

ISO 15000-3:2023
Electronic business eXtensible Markup Language (ebXML) — Part 3: Registry and repository

ISO/TC 157 CONTRACEPTIVE MECANICE

ISO/TR 24484:2023
Female condoms — Use of ISO 25841 and the quality management of female condoms

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

ISO 24144:2023
Thermal insulation — Test methods for specific heat capacity of thermal insulation for buildings in the high temperature range — Differential scanning calorimetry (DSC) method

ISO/TC 172 OPTICA SI FOTONICA

ISO 8600-4:2023
Endoscopes — Medical endoscopes and endotherapy devices — Part 4: Determination of maximum width of insertion portion

ISO 10943:2023
Ophthalmic instruments — Indirect ophthalmoscopes

ISO/TC 180 ENERGIE SOLARA

ISO 9847:2023
Solar energy — Calibration of pyranometers by comparison to a reference pyranometer

ISO/TC 189 PLACI CERAMICE

ISO/TS 17870-3:2023
Ceramic tiles — Installation — Part 3: Installation of large format porcelain tiles and panels by mechanical means onto a supporting structure

ISO/TC 190 CALITATEA SOLULUI

ISO 11268-2:2023
Soil quality — Effects of pollutants on earthworms — Part 2: Determination of effects on reproduction of Eisenia fetida/Eisenia andrei and other earthworm species

ISO/TC 201 ANALIZE CHIMICE DE SUPRAFATA

ISO 24465:2023
Surface chemical analysis — Determination of the minimum detectability of surface plasmon resonance device

ISO/TC 206 CERAMICA TEHNICA

ISO 3169:2023
Fine ceramics (advanced ceramics, advanced technical ceramics) — Methods for chemical analysis of impurities in aluminium oxide powders using inductively coupled plasma-optical emission spectrometry

ISO 4825-1:2023
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

ISO/TC 215 INFORMATICA MEDICALA

ISO/TS 22218-1:2023
Health informatics — Ophthalmic

examination device data — Part 1: General examination devices

ISO/TS 22218-2:2023
Health informatics — Ophthalmic examination device data — Part 2: Specular microscope

ISO/TC 228 TURISM SI SERVICII CONEXE

ISO 3021:2023
Adventure tourism — Hiking and trekking activities — Requirements and recommendations

ISO/TC 238 BIOCOMBUSTIBILI SOLIZI

ISO 20048-2:2023
Solid biofuels — Determination of off-gassing and oxygen depletion characteristics — Part 2: Operational method for screening of carbon monoxide off-gassing

ISO/TC 256 PIGMENTI, COLORANTI SI MATERIALE DE UMPLUTURA

ISO 18314-2:2023
Analytical colorimetry — Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, depth of shade and hiding power

ISO/TC 261 FABRICATIA ADITIVA

ISO 17295:2023
Additive manufacturing — General principles — Part positioning, coordinates and orientation

ISO/ASTM 52931:2023
Additive manufacturing of metals — Environment, health and safety — General principles for use of metallic materials

ISO/ASTM 52936-1:2023
Additive manufacturing of polymers — Qualification principles — Part 1: General principles and preparation of test specimens for PBF-LB

ISO/TC 268 DEZVOLTAREA DURABILA ÎN COMUNITATI

ISO 37109:2023
Sustainable cities and communities — Recommendations and requirements for project developers — Meeting ISO 37101 framework principles

ISO/TC 292 SECURITATE

ISO 22328-3:2023
Security and resilience — Emergency management — Part 3: Guidelines for the implementation of a community-based early warning system for tsunamis

ISO/TC 301 MANAGEMENTUL ENERGIEI SI ECONOMII DE ENERGIE

ISO/PAS 50010:2023
Energy management and energy savings — Guidance for net zero energy in operations using an ISO 50001 energy management system

STANDARDE / DOCUMENTE DE STANDARDIZARE INTERNAŢIONALE IEC APROBATE

*În perioada **2023.01.01** – **2023.01.31***

IEC/TC 23 ACCESORII ELECTRICE

IEC 61537:2023
Cable management - Cable tray systems and cable ladder systems

IEC/TC 31 ECHIPAMENTE PENTRU ATMOSFERA EXPLOZIVA

IEC 60079-11:2023
Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

IEC/TC 33 CONDENSATOARE DE PUTERE SI APLICATIILE LOR

IEC 62146-2:2023
Capacitors for high-voltage alternating

current circuit-breakers - Part 2: TRV capacitors

IEC/TC 34 LAMPI SI ECHIPAMENTUL ASOCIAT

IEC 60598-2-2:2023
Luminaires - Part 2-2: Particular requirements - Recessed luminaires and recessed air-handling luminaires

IEC 60598-2-2:2023 CMV
Luminaires - Part 2-2: Particular requirements - Recessed luminaires and recessed air-handling luminaires

IEC 62722-2-1:2023
Luminaire performance - Part 2-1: Particular requirements - LED luminaires

IEC 62722-2-1:2023 CMV
Luminaire performance - Part 2-1: Particular requirements - LED luminaires

IEC/TC 38 TRANSFORMATOARE DE MASURA

IEC 61869-99:2022/C1:2023
Corrigendum 1 - Instrument transformers - Part 99: Glossary

IEC/TC 40 CONDENSATOARE SI REZISTOARE ELECTRONICE

IEC 60384-14:2023
Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains

IEC 60384-14:2023 CMV
Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains

IEC/TC 47 DISPOZITIVE CU SEMICONDUCTOARE

IEC 62951-8:2023
Semiconductor devices - Flexible and stretchable semiconductor devices - Part 8: Test method for stretchability, flexibility, and stability of flexible resistive memory

IEC/TC 48 COMPONENTE ELECTROMECANICE SI STRUCTURI MECANICE PENTRU ECHIPAMENTUL ELECTRONIC

IEC 61076-3-126:2023
Connectors for electrical and electronic equipment - Product requirements - Part 3-126: Rectangular connectors - Detail specification for 5-way power connectors for industrial environments with push-pull locking

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

IEC TS 61850-7-7:2018/A1:2023
Amendment 1 - Communication networks and systems for power utility automation - Part 7-7: Machine-processable format of IEC 61850-related data models for tools

IEC TS 61850-7-7:2018+A1:2023 CSV
Communication networks and systems for power utility automation - Part 7-7: Machine-processable format of IEC 61850-related data models for tools

IEC 62351-5:2023
Power systems management and associated information exchange - Data and communications security - Part 5: Security for IEC 60870-5 and derivatives

IEC/TC 62 ECHIPAMENTE ELECTROMEDICALE

IEC 60601-2-10:2012/A2:2023
Amendment 2 - Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators

IEC 60601-2-10:2012+A1:2016+A2:2023 CSV
Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators

IEC 60601-2-75:2017/A1:2023
Amendment 1 - Medical electrical equipment - Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment

IEC 60601-2-75:2017+A1:2023 CSV
Medical electrical equipment - Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment

IEC 80601-2-59:2017/A1:2023
Amendment 1 - Medical electrical equipment - Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening

IEC 80601-2-59:2017+A1:2023 CSV
Medical electrical equipment - Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening

IEC/TC 86 FIBRE OPTICE

IEC 60794-1-305:2023
Optical fibre cables - Part 1-305: Generic specification - Basic optical cable test procedures - Cable element test methods - Ribbon tear (separability), Method G5

IEC 61280-1-4:2023
Fibre optic communication subsystem test procedures - Part 1-4: General communication subsystems - Light source encircled flux measurement method

IEC TR 61292-4:2023
Optical amplifiers - Part 4: Maximum permissible optical power for the damage-free and safe use of optical amplifiers, including Raman amplifiers

IEC TR 61292-6:2023
Optical amplifiers - Part 6: Distributed Raman amplification

IEC TR 61292-9:2023
Optical amplifiers - Part 9: Semiconductor optical amplifiers (SOAs)

IEC 61300-2-1:2023
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-1: Tests - Vibration (sinusoidal)

IEC 61300-2-18:2023
Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-18: Tests - Dry heat

IEC 62343:2023
Dynamic modules - Generic specification

IEC TR 62343-6-12:2023
Dynamic modules - Part 6-12: Design guidelines - Survey results on performance specifications for 1 x N wavelength selective switches

IEC TR 62627-01:2023
Fibre optic interconnecting devices and passive components - Part 01: Fibre optic connector cleaning methods

IEC/TC 87 ULTRASUNETE

IEC TS 62736:2023
Ultrasonics - Pulse-echo scanners - Simple methods for periodic testing to verify stability of an imaging system's elementary performance

IEC/TC 91 TEHNOLOGIA ASAMBLARII COMPONENTELOR ELECTRONICE

IEC 61636-2:2023
Software Interface for Maintenance Information Collection and Analysis (SIMICA) - Part 2: Exchanging Maintenance Action Information via the Extensible Markup Language (XML)

IEC/TC 94 RELEE ELECTRICE DE TOT SAU NIMIC

IEC 61810-1:2015/ISH1:2023
Interpretation Sheet 1 - Electromechanical elementary relays - Part 1: General and safety requirements

IEC/TC 95 RELEE DE MASURA SI DISPOZITIVE DE PROTECTIE

IEC 60255-26:2023
Measuring relays and protection equipment - Part 26: Electromagnetic compatibility requirements

IEC/TC 110 DISPOZITIVE DE AFISARE PLANE

IEC 62908-12-10:2023
Touch and interactive displays - Part 12-10:

Measurement methods of touch displays - Touch and electrical performance

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

IEC 62631-3-1:2023
Dielectric and resistive properties of solid insulating materials - Part 3-1: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - General method

IEC/TC 120

IEC TS 62933-3-2:2023
Electrical energy storage (EES) systems - Part 3-2: Planning and performance assessment of electrical energy storage systems - Additional requirements for power intensive and renewable energy sources integration related applications

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

*În perioada **2023.01.01** – **2023.01.31***

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 6523-1
Information technology — Structure for the identification of organizations and organization parts — Part 1: Identification of organization identification schemes
dea: 2023-04-11

ISO/IEC 7816-4:2020/DAmd 1
Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange — Amendment 1: Support of multiple logical security devices
dea: 2023-04-19

ISO/IEC 9797-1:2011/DAmd 1
Information technology — Security techniques — Message Authentication Codes (MACs) — Part 1: Mechanisms using a block cipher — Amendment 1
dea: 2023-03-27

ISO/IEC DIS 10918-7
Information technology — Digital compression and coding of continuous-tone still images — Part 7: Reference software
dea: 2023-04-07

ISO/IEC DIS 17825
Information technology — Security techniques — Testing methods for the mitigation of non-invasive attack classes against cryptographic modules
dea: 2023-04-19

ISO/IEC DIS 18477-3
Information technology — Scalable compression and coding of continuous-tone still images — Part 3: Box file format
dea: 2023-04-06

ISO/IEC DIS 19369
Information technology — Telecommunications and information exchange between systems — NFCIP-2 test methods
dea: 2023-04-03

ISO/IEC DIS 19763-1
Information technology — Metamodel framework for interoperability (MFI) — Part 1: Framework
dea: 2023-04-04

ISO/IEC DIS 19763-10
Information technology — Metamodel framework for interoperability (MFI) — Part

10: Core model and basic mapping
dea: 2023-04-04

ISO/IEC DIS 19987
Information technology — EPC Information Services (EPCIS)
dea: 2023-04-18

ISO/IEC DIS 19988
Information technology — Core Business Vocabulary (CBV)
dea: 2023-04-18

ISO/IEC DIS 22237-2
Information technology — Data centre facilities and infrastructures — Part 2: Building construction
dea: 2023-04-17

ISO/IEC DIS 22237-6
Information technology — Data centre facilities and infrastructures — Part 6: Security systems
dea: 2023-04-17

ISO/IEC DIS 22592-1
Office equipment — Print quality measurement methods for colour prints — Part 1: Image quality measurement methods
dea: 2023-04-18

ISO/IEC DIS 23000-19/DAmd 1
Information technology — Multimedia application format (MPEG-A) — Part 19: Common media application format (CMAF) for segmented media — Amendment 1: Low complexity enhancement video Coding (LCEVC) and other technologies
dea: 2023-04-11

ISO/IEC 23002-7:2022/DAmd 1
Information technology — MPEG video technologies — Part 7: Versatile supplemental enhancement information messages for coded video bitstreams — Amendment 1: Additional SEI messages
dea: 2023-04-06

ISO/IEC 23003-4:2020/DAmd 2
Information technology — MPEG audio technologies — Part 4: Dynamic range control — Amendment 2: Loudness leveling
dea: 2023-04-11

ISO/IEC DIS 23090-23
Information technology — Coded representation of immersive media — Part 23: Conformance and reference software for MPEG immersive video
dea: 2023-04-20

ISO/IEC DIS 23091-2
Information technology — Coding-independent code points — Part 2: Video
dea: 2023-04-06

ISO/IEC DIS 24760-2
IT Security and Privacy — A framework for identity management — Part 2: Reference architecture and requirements
dea: 2023-04-10

ISO/IEC DIS 24772-1
Programming languages — Avoiding vulnerabilities in programming languages — Part 1: Language independent catalogue of vulnerabilities
dea: 2023-03-27

ISO/IEC DIS 27402
Cybersecurity — IoT security and privacy — Device baseline requirements
dea: 2023-04-04

ISO/IEC DIS 27701
Security techniques — Extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy information management — Requirements and guidelines
dea: 2023-03-29

ISO/TC 6 HÂRTIE, CARTON SI CELULOZA

ISO/DIS 6350
Lignins — Determination of dry matter content — Oven-drying and freeze-drying methods
dea: 2023-04-19

ISO/DIS 9795
Lignins — Determination of inorganics content in kraft lignin, soda lignin and hydrolysis lignin
dea: 2023-04-20

ISO/DIS 12625-5
Tissue paper and tissue products — Part 5: Determination of wet tensile strength
dea: 2023-04-18

ISO/TC 8 NAVE SI TEHNOLOGIE MARITIMA

ISO/DIS 3796
Ships and marine technology — Clear

openings for external single-leaf doors
dea: 2023-04-19

ISO/DIS 3797
Ships and marine technology — Vertical steel ladders
dea: 2023-04-06

ISO/DIS 4678
Ships and marine technology — Noise measurement method for HVAC system in accommodation spaces
dea: 2023-04-06

ISO/DIS 9519
Ships and marine technology — Single rungs and rungs for dog-step ladders
dea: 2023-04-05

ISO/DIS 9557
Ships and marine technology — Wire rope lifting platform for inspection
dea: 2023-04-06

ISO/TC 17 OTEL

ISO/DIS 4990
Steel castings — General technical delivery requirements
dea: 2023-04-19

ISO/DIS 4993
Steel and iron castings — Radiographic testing
dea: 2023-04-12

ISO/DIS 9477
High strength cast steels for general engineering and structural purposes
dea: 2023-04-10

ISO/DIS 11972
Corrosion-resistant cast steels for general applications
dea: 2023-04-07

ISO/DIS 11973
Heat-resistant cast steels and alloys for general applications
dea: 2023-04-07

ISO/TC 20 AERONAUTICA SI SPATIU

ISO/DIS 3186
Aerospace — Bolts, large bihexagonal head, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes 1 250 MPa to 1 800 MPa — Dimensions
dea: 2023-04-11

ISO/DIS 5305
Noise measurements for UAS (Unmanned aircraft systems)
dea: 2023-04-12

ISO/DIS 5309
Vibration test methods for lightweight and small civil UAS
dea: 2023-04-11

ISO/DIS 7481
Aerospace — Nuts, self-locking, with maximum operating temperature less than or equal to 425 °C — Test methods
dea: 2023-04-10

ISO/DIS 12261
Aerospace — Screws, pan head, internal offset cruciform ribbed or unribbed drive, pitch diameter shank, long length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1 100 MPa — Dimensions
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ISO/DIS 15389
Space systems — Flight-to-ground umbilicals
dea: 2023-04-11

ISO/DIS 23629-9
UAS traffic management (UTM) — Part 9: Interface between UTM service providers and users
dea: 2023-04-12

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Road vehicles — Test contaminants for filter evaluation — Part 1: Arizona test dust
dea: 2023-03-27

ISO/DIS 15765-2
Road vehicles — Diagnostic communication over Controller Area Network (DoCAN) — Part 2: Transport protocol and network layer services
dea: 2023-04-19

ISO/DIS 22574
Road vehicles — Brake linings friction materials — Visual inspection
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ISO/DIS 22733-2
Road vehicles — Test method to evaluate the performance of autonomous emergency braking systems — Part 2: Car to pedestrian
dea: 2023-04-07

ISO/TC 23 TRACTOARE SI MATERIALE AGRICOLE SI FORESTIERE

ISO/DIS 3991
Agricultural machinery — Robotic feed systems — Safety
dea: 2023-03-28

ISO/TC 34 PRODUSE ALIMENTARE

ISO/DIS 3657
Animal and vegetable fats and oils — Determination of saponification value
dea: 2023-04-11

ISO/DIS 22662
Milk and milk products — Determination of lactose content by high-performance liquid chromatography (Reference method)
dea: 2023-03-31

ISO/TC 37 TERMINOLOGIE SI ALTE RESURSE LINGVISTICE

ISO/DIS 11669
Translation projects — General guidance
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ISO/DIS 24613-1
Language resource management — Lexical markup framework (LMF) — Part 1: Core model
dea: 2023-04-03

ISO/TC 38 TEXTILE

ISO/DIS 105-C09
Textiles — Tests for colour fastness — Part C09: Colour fastness to domestic and commercial laundering — Oxidative bleach response using a non-phosphate reference detergent incorporating a low temperature bleach activator
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ISO/DIS 9073-18
Nonwovens — Test methods — Part 18: Determination of breaking strength and elongation using the grab tensile test
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ISO/TC 41 ROTI SI CURELE (INCLUSIV CURELE TRAPEZOIDALE)

ISO/DIS 11749
Belt drives — V-ribbed belts for the automotive industry — Fatigue test
dea: 2023-04-06

ISO/TC 43 ACUSTICA

ISO/DIS 3744
Acoustics — Determination of sound power levels of noise sources using sound pressure — Engineering methods for an essentially free field over a reflecting plane
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ISO/DIS 5114-1
Acoustics — Determination of uncertainties associated with sound emission measures — Part 1: Sound power levels determined from sound pressure measurements
dea: 2023-03-30

ISO/DIS 9612
Acoustics — Determination of occupational noise exposure — Methodology
dea: 2023-04-11

ISO/DIS 26101-2
Acoustics — Test methods for the qualification of the acoustic environment — Part 2: Determination of the environmental correction
dea: 2023-03-31

ISO/TC 44 SUDARE SI PROCEDEE CONEXE

ISO/DIS 9012
Gas welding equipment — Air-aspirated hand blowpipes — Specifications and tests
dea: 2023-03-27

ISO/TC 58 BUTELII PENTRU GAZ

ISO 11363-1:2018/DAmd 1
Gas cylinders — 17E and 25E taper threads for connection of valves to gas cylinders — Part 1: Specifications — Amendment 1
dea: 2023-04-19

ISO/TC 61 MATERIALE PLASTICE

ISO/DIS 2561
Plastics — Determination of residual styrene monomer in polystyrene (PS) and impact-resistant polystyrene (PS-I) by gas

chromatography
dea: 2023-04-04

ISO/DIS 8060
Composites and reinforcements fibres — Carbon fibre reinforced plastics (CFRPs) and metal assemblies — Characterization of durability of adhesive interfaces by wedge rupture test
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Fibre-reinforced plastics — Sheet moulding compound (SMC) — Basis for a specification
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ISO/DIS 16620-4
Plastics — Biobased content — Part 4: Determination of biobased mass content
dea: 2023-04-03

ISO/DIS 19069-2
Plastics — Polypropylene (PP) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties
dea: 2023-03-27

ISO/DIS 23948
Plastics — Intumescence properties of PVC materials and products — Test method for the measurement of expansion with the cone calorimeter
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ISO/TC 79 METALE USOARE SI ALIAJELE LOR

ISO/DIS 13093
Titanium and titanium alloys — Determination of carbon — Infrared absorption method after combustion in an induction furnace
dea: 2023-03-29

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ISO/DIS 10555-7
Intravascular catheters — Sterile and single-use catheters — Part 7: Peripherally inserted central catheters
dea: 2023-04-19

ISO/TC 94 SECURITATEA PERSOANEI-ÎMBRACAMINTE SI ECHIPAMENTE DE PROTECTIE

ISO/DIS 13506-2
Protective clothing against heat and flame — Part 2: Skin burn injury prediction — Calculation requirements and test cases
dea: 2023-04-19

ISO/DIS 14460
Protective clothing for automobile racing drivers — Protection against heat and flame — Performance requirements and test methods
dea: 2023-04-19

ISO 16321-1:2021/DAmd 1
Eye and face protection for occupational use — Part 1: General requirements — Amendment 1
dea: 2023-04-04

ISO/DIS 24231
Protective clothing — Protection against rain — Test method for ready-made garments against high-energy droplets from above
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ISO/DIS 24232
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ISO/DIS 12480-1
Cranes — Safe use — Part 1: General
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ISO/DIS 16881-1
Cranes — Design calculation for rail wheels and associated trolley track supporting structure — Part 1: General
dea: 2023-03-27

ISO/TC 107 ACOPERIRI METALICE SI ALTE ACOPERIRI ANORGANICE

ISO/DIS 14919
Thermal spraying — Wires, rods and cords for flame and arc spraying — Classification — Technical supply conditions
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ISO/TC 121 ECHIPAMENTE PENTRU ANESTEZIE SI REANIMARE

ISO/DIS 5362
Anaesthetic and respiratory equipment – Anaesthetic reservoir bags
dea: 2023-04-07

ISO/TC 130 TEHNOLOGIE GRAFICA

ISO/DIS 24585-1
Graphic technology — Multispectral imaging measurement and colorimetric computation for graphic arts and industrial application — Part 1: Parameters and measurement methods
dea: 2023-04-04

ISO/DIS 24585-2
Graphic technology — Multispectral imaging measurement and colorimetric computation for graphic arts and industrial application — Part 2: Requirements for decorative surfaces
dea: 2023-04-03

ISO/TC 135 EXAMINARI NEDISTRUCTIVE

ISO/DIS 24489
Non-destructive testing — Acoustic emission testing — Detection of corrosion at atmospheric and low-pressure metallic storage tank floors
dea: 2023-04-11

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

ISO/DIS 8233
Thermoplastics valves — Torque — Test method
dea: 2023-04-05

ISO/DIS 16422-1
Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure — Part 1: General
dea: 2023-04-04

ISO/DIS 16422-2
Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure — Part 2: Pipes
dea: 2023-04-05

ISO/DIS 16422-5
Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure — Part 5: Fitness for purpose of the system
dea: 2023-04-04

ISO/DIS 16486-1
Plastics piping systems for the supply of gaseous fuels — Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing — Part 1: General
dea: 2023-04-18

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

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Requirements for aerosol filters used in nuclear facilities against specified severe conditions — Part 1: General requirements
dea: 2023-04-10

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ISO 7010:2019/DAmd 133
Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 133: Safety sign W079 : Warning; Hot content
dea: 2023-04-10

ISO 7010:2019/DAmd 134
Graphical symbols — Safety colours and safety signs — Registered safety signs — Amendment 134: Safety sign W080 : Warning; Hot steam
dea: 2023-04-10

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Stationary source emissions - Determination of the mass concentration of sulfur dioxide in flue gases - Performance characteristics of automated measuring systems
dea: 2023-04-11

ISO/DIS 16000-9
Indoor air — Part 9: Determination of the emission of volatile organic compounds from building products and furnishing - Emission test chamber method
dea: 2023-04-19

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ISO/DIS 5667-3
Water quality — Sampling — Part 3: Preservation and handling of water samples
dea: 2023-03-30

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ISO/DIS 5115.2
Industrial valves — Part-turn valve actuation
dea: 2023-03-13

ISO/TC 160 STICLA PENTRU CONSTRUCTII

ISO/DIS 23237.2
Glass in building – laminated solar photovoltaic glass for use in buildings – light transmittance measurement method
dea: 2023-03-13

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

ISO/DIS 6324
Thermal insulation products — Flexible microporous insulation for industrial applications — Specification
dea: 2023-04-20

ISO/TC 168 PROTEZE SI ORTEZE

ISO/DIS 8549-2
Prosthetics and orthotics — Vocabulary — Part 2: Terms relating to external limb prostheses
dea: 2023-04-05

ISO/TC 171 APLICATII ÎN GESTIUNEA DOCUMENTELOR

ISO/DIS 14289-2
Document management applications — Electronic document file format enhancement for accessibility — Part 2: Use of ISO 32000-2 (PDF/UA-2)
dea: 2023-04-11

ISO/TC 172 OPTICA SI FOTONICA

ISO/DIS 19045-2
Ophthalmic optics - Contact lens care products — Part 2: Method for evaluating disinfecting efficacy by contact lens care products using trophozoites of Acanthamoeba species as the challenge organisms
dea: 2023-04-06

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Wheelchair seating — Part 2: Determination of physical and mechanical characteristics of seat cushions intended to manage tissue integrity — Amendment 1: Amended and addition of new Annex
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Jewellery and precious metals — Determination of very high purity gold — Difference method using ICP-MS
dea: 2023-03-31

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

ISO/DIS 10303-2
Industrial automation systems and integration — Product data representation and exchange — Part 2: Vocabulary
dea: 2023-03-27

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ISO/DIS 10239
Small craft — Liquefied petroleum gas (LPG) systems
dea: 2023-04-04

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ISO/DIS 7055
Natural gas — Upstream area — Determination of drag reduction in laboratory for slick water
dea: 2023-04-19

ISO/TC 205 PROIECTAREA AMBIENTULUI DIN CLADIRI

ISO 11855-2:2021/DAmd 1
Building environment design — Embedded radiant heating and cooling systems — Part 2: Determination of the design heating and cooling capacity — Amendment 1
dea: 2023-04-13

ISO 11855-3:2021/DAmd 1
Building environment design — Embedded radiant heating and cooling systems — Part 3: Design and dimensioning — Amendment 1
dea: 2023-04-12

ISO 11855-4:2021/DAmd 1
Building environment design — Embedded

radiant heating and cooling systems — Part 4: Dimensioning and calculation of the dynamic heating and cooling capacity of Thermo Active Building Systems (TABS) — Amendment 1
dea: 2023-04-13

ISO 11855-5:2021/DAmd 1
Building environment design — Embedded radiant heating and cooling systems — Part 5: Installation — Amendment 1
dea: 2023-04-13

ISO/TC 206 CERAMICA TEHNICA

ISO/DIS 13915
Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for optical properties of ceramic phosphors for white light-emitting diodes with reference materials
dea: 2023-04-11

ISO/TC 207 MANAGEMENTUL MEDIULUI

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Greenhouse gas management and climate change management and related activities — Carbon neutrality
dea: 2023-04-19

ISO/TC 213 SPECIFICATII SI VERIFICARI DIMENSIONALE SI GEOMETRICE ALE PRODUSELOR

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Geometrical product specifications (GPS) — Filtration — Part 45: Morphological profile filters: Segmentation
dea: 2023-03-29

ISO/TC 215 INFORMATICA MEDICALA

ISO/DIS 5477
Health informatics — Interoperability of public health emergency preparedness and response information systems – Business rules, terminology and data vocabulary
dea: 2023-04-04

ISO/TC 238 BIOCOMBUSTIBILI SOLIZI

ISO/DIS 17830
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dea: 2023-03-28

ISO/TC 249 MEDICINA TRADITIONALA CHINEZEASCA

ISO/DIS 8959
Traditional Chinese Medicine--Eucommia ulmoides stem bark
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ISO/DIS 9306
Traditional Chinese Medicine — Ephedra sinica, Ephedra intermedia, and Ephedra equisetina herbaceous stem
dea: 2023-03-29

ISO/TC 256 PIGMENTI, COLORANTI SI MATERIALE DE UMPLUTURA

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ISO/DIS 3262-22
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dea: 2023-04-12

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Analytical colorimetry — Part 4: Metamerism index for pairs of samples for change of illuminant
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Pigments and extenders — Dispersion procedure for sedimentational particle sizing of suspended pigment or extender with liquid sedimentation methods
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ISO/DIS 41011
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dea: 2023-04-03

ISO/TC 299 ROBO?I ?I DISPOZITIVE ROBOTICE

ISO/DIS 18646-2
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Navigation
dea: 2023-04-03

ISO/DIS 22166-201
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dea: 2023-03-27

ISO/TC 307 BLOCKCHAIN S ITEHNOLOGIA REGISTRULUI DISTRIBUIT

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ISO/TC 334

ISO/DIS 33401
Reference materials — Contents of certificates, labels and accompanying documentation
dea: 2023-03-30

ISO/DIS 33403
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dea: 2023-04-04

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

*În perioada **2023.01.01 – 2023.01.31***

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ISO/IEC 14763-3 ED3
Information technology - Implementation and operation of customer premises cabling - Part 3: Testing of optical fibre cabling
dea: 2023-04-21

ISO/IEC 15067-3-30 ED1
Information technology - Home Electronic System (HES) application model - Part 3-30: EMA functional requirements and interfaces
dea: 2023-04-14

ISO/IEC 15067-3-51 ED1
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IEC/TC 9 ECHIPAMENTE SI SISTEME ELECTRICE PENTRU TRACTIUNE ELECTRICA

IEC 60913 ED3
Railway applications - Fixed installations - Electric traction overhead contact lines systems
dea: 2023-03-31

IEC 60913 ED3
Railway applications - Fixed installations - Electric traction overhead contact lines systems
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IEC/TC 18 INSTALATIILE ELECTRICE ALE NAVELOR SI ALE UNITATILOR MOBILE SI FIXE DE PE MARE

IEC/IEEE 61886-2 ED1
Subsea equipment ? Part 2: Power transformers
dea: 2023-04-21

IEC/TC 20 CABLURI ELECTRICE

IEC 60502-2/AMD1 ED3
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IEC 60811-202/AMD2 ED1
Amendment 2 - Electric and optical fibre cables - Test methods for non-metallic materials - Part 202: General tests - Measurement of thickness of non-metallic sheath
dea: 2023-04-21

IEC 60811-501/AMD2 ED1
Amendment 2 - Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds
dea: 2023-04-21

IEC 60811-503/AMD1 ED1
Amendment 1 - Electric and optical fibre cables - Test methods for non-metallic materials - Part 503: Mechanical tests - Shrinkage test for sheaths
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IEC/TC 22 SISTEME SI ECHIPAMENTE PENTRU ELECTRONICA DE PUTERE

IEC 62751-2/AMD2 ED1
Amendment 2 - Power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 2: Modular multilevel converters
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IEC/TC 34 LAMPI SI ECHIPAMENTUL ASOCIAT

IEC 63356-1/AMD1 ED1
Amendment 1 - LED light source characteristics - Part 1: Data sheets
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IEC/TC 36 IZOLATOARE ELECTRICE

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Hybrid insulators for a.c. and d.c. for high-voltage applications greater than 1000V AC and 1500 V DC - Definitions, test methods and acceptance criteria
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IEC 60939-2/AMD1 ED2
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IEC 62153-4-15/AMD1 ED2
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dea: 2023-04-21

IEC 62153-4-3/AMD1 ED2
Amendment 1 - Metallic communication cable test methods - Part 4-3: Electromagnetic compatibility (EMC) - Surface transfer impedance - Triaxial method
dea: 2023-04-21

IEC 62153-4-9/AMD2 ED2
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Semiconductor devices - Micro-electromechanical devices - Part 44: Test methods for dynamic performances of MEMS resonant electric-field-sensitive devices
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Specifications for particular types of winding wires - Part 89: Polyesterimide enameled round aluminum wire, class 200
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IEC 60317-93 ED1
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IEC 60851-3 ED4
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IEC 60335-2-120 ED1
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IEC 62899-203 ED2
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