

Hrvatski zavod za norme

Oglasnik za normativne dokumente

3/2023

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Oglasnik za normativne dokumente Hrvatskog zavoda za norme sadrži popise hrvatskih norma, nacrtu hrvatskih norma, prijedloga za prihvaćanje stranih norma u izvorniku, povučene hrvatske norme, povučene nacrtu hrvatskih norma te ispravke, rezultate europske i međunarodne normizacije i obavijesti HZN-a.

Tko u popisima normativnih dokumenata koji su objavljeni u ovom Oglasniku otkrije koju grešku, koja može voditi do krive primjene, moli se da o tome neodložno obavijesti Hrvatski zavod za norme, kako bi se mogli otkloniti uočeni propusti.

Izdavač:



HZN

Hrvatski zavod za norme
Croatian Standards Institute

Sadržaj:

1	Rezultati hrvatske normizacije	A3
1.1	Hrvatske norme	A3
1.2	Nacrti hrvatskih norma	A9
1.3	Prijedlozi za prihvaćanje stranih norma u izvorniku	A9
1.4	Povučene hrvatske norme	A15
1.5	Povučeni nacrti hrvatskih norma	
1.6	Ispravci hrvatskih norma	A19
1.7	Naslovi objavljenih hrvatskih norma na hrvatskome jeziku	A20
1.8	Drugi normativni dokumenti	
1.9	Opća izdanja HZN-a	
1.10	Prijevod hrvatskih normativnih dokumenata	A28
2	Rezultati međunarodne i europske normizacije	A29

1 Rezultati hrvatske normizacije

1.1 Hrvatske norme

Temeljem Zakona o normizaciji (Narodne novine 80/2013) hrvatske norme priprema, izdaje i objavljuje Hrvatski zavod za norme, na prijedlog tehničkih odbora.

Hrvatske norme mogu nastati na ova tri načina:

- prihvaćanjem stranih (međunarodnih/europskih/nacionalnih) norma uz prevođenje na hrvatski jezik (pp)
- prihvaćanjem stranih norma u izvorniku objavom obavijesti o prihvaćanju (pr)
- izradbom izvorne hrvatske norme (izv).

Oznaka načina prihvaćanja navedena je uz referencijsku oznaku hrvatske norme. Hrvatske su norme zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb.

HZN/TO 8, *Brodogradnja*

- HRN EN 13281:2023 en pr
Plovila unutarnje plovidbe – Zahtjevi za sigurnost za prolaze i radna mjesta (EN 13281:2023)
Inland navigation vessels – Safety requirements for walkways and working places (EN 13281:2023)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

- HRN EN ISO 21805:2023 en pr
Smjernice i preporuke za projektiranje, odabir i postavljanje odzračnika namijenjenih očuvanju strukturnog integriteta zatvorenih prostora zaštićenih plinovitim sustavima za gašenje požara (ISO 21805:2023; EN ISO 21805:2023)
Guidance and recommendations on design, selection and installation of vents to safeguard the structural integrity of enclosures protected by gaseous fire-extinguishing systems (ISO 21805:2023; EN ISO 21805:2023)

HZN/TO 23, *Traktori i strojevi za poljoprivredu i šumarstvo*

- HRN EN 17822:2023 en pr
Šumarska mehanizacija – Zahtjevi za kuke i čvrste kolature za izvlačenje trupaca (EN 17822:2023)
Forestry machinery – Requirements for sling gear and deflection pulleys for forestal hauling operations (EN 17822:2023)

HZN/TO 25, *Ljevarstvo*

- HRN EN ISO 8062-3:2023 en pr
Geometrijske specifikacije proizvoda (GPS) – Dopuštena odstupanja mjera i oblika dijelova oblikovanih u kalupima – 3. dio: Opća dopuštena odstupanja mjera i oblika i dodaci za strojnu obradu odljevaka s \pm dopuštenim odstupanjima za navedene mjere (ISO 8062-3:2023; EN ISO 8062-3:2023)
Geometrical product specifications (GPS) – Dimensional and geometrical tolerances for moulded parts – Part 3: General dimensional and geometrical tolerances and machining allowances for castings using \pm tolerances for indicated dimensions (ISO 8062-3:2023; EN ISO 8062-3:2023)

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

- HRN EN ISO 734:2023 en pr
Uljane pogače i sačme – Određivanje količine ulja – Metoda ekstrakcije heksanom (ili petroleterom) (ISO 734:2023; EN ISO 734:2023)
Oilseed meals – Determination of oil content – Extraction method with hexane (or light petroleum) (ISO 734:2023; EN ISO 734:2023)
- HRN EN ISO 2171:2023 en pr
Žitarice, mahunarke i nusproizvodi – Određivanje ukupnog pepela spaljivanjem (ISO 2171:2023; EN ISO 2171:2023)
Cereals, pulses and by-products – Determination of ash yield by incineration (ISO 2171:2023; EN ISO 2171:2023)

HZN/TO 44, *Zavarivanje i srodni postupci*

- HRN EN ISO 15610:2023 en pr
Specifikacija i kvalifikacija postupaka zavarivanja za metalne materijale – Kvalifikacija na osnovi ispitanih dodatnih i potrošnih materijala za zavarivanje (ISO 15610:2023; EN ISO 15610:2023)
Specification and qualification of welding procedures for metallic materials – Qualification based on tested welding consumables (ISO 15610:2023; EN ISO 15610:2023)

HZN/TO 69, *Primjena statističkih metoda*

- HRN ISO 13528:2023 en pr
Statističke metode pri ispitivanju sposobnosti putem međulaboratorijske usporedbe (ISO 13528:2022)
Statistical methods for use in proficiency testing by interlaboratory comparison (ISO 13528:2022)

HZN/TO 71, *Beton*

- HRN EN 12390-19:2023 en pr
Ispitivanje očvrsloga betona – 19. dio: Određivanje električne otpornosti (EN 12390-19:2023)
Testing of hardened concrete – Part 19: Determination of electrical resistivity (EN 12390-19:2023)

HZN/TO 108, *Mehaničke vibracije i udari*

- HRN ISO 10326-2:2023 en pr
Mehaničke vibracije – Laboratorijska metoda za procjenu vibracija sjedala u vozilu – 2. dio: Primjena na željeznička vozila (ISO 10326-2:2022)
Mechanical vibration – Laboratory method for evaluating vehicle seat vibration – Part 2: Application to railway vehicles (ISO 10326-2:2022)

HZN/TO 120, *Koža i obuća*

- HRN EN ISO 2418:2023 en pr
Koža – Kemijska, fizikalna i mehanička ispitivanja i ispitivanja postojanosti – Položaj i priprema uzoraka za ispitivanje (ISO 2418:2023; EN ISO 2418:2023)
Leather – Chemical, physical, mechanical and fastness tests – Position and preparation of specimens for testing (ISO 2418:2023; EN ISO 2418:2023)

- HRN EN ISO 14268:2023 en pr
Koža – Fizikalna i mehanička ispitivanja – Određivanje propusnosti vodene pare (ISO 14268:2023; EN ISO 14268:2023)
Leather – Physical and mechanical tests – Determination of water vapour permeability (ISO 14268:2023; EN ISO 14268:2023)

HZN/TO 136, *Namještaj*

- HRN EN 17869:2023 en pr
Okov za namještaj – Metoda ispitivanja čvrstoće i preopterećenja spojnice za namještaj izrađen iz pločastog materijala (EN 17869:2023)
Hardware for furniture – Test method for strength and overload tests of connectors for furniture constructed from panel material (EN 17869:2023)

HZN/TO 146, *Kvaliteta zraka*

- HRI CEN/TR 17911:2023 en pr
Emisije iz nepokretnih izvora – Smjernica za razradu standardiziranih metoda mjerenja – Preporuke za strukturu i sadržaj (CEN/TR 17911:2023)
Stationary source emissions – Guideline for the elaboration of standardized measurement methods – Recommendations for the structure and content (CEN/TR 17911:2023)

HZN/TO 181, Sigurnost igraćaka i proizvodi za djecu

HRN EN 12790-1:2023 en pr
Proizvodi za dojenčad i malu djecu – Ležaljke – 1. dio: Ležaljke za djecu koja ne sjede samostalno (EN 12790-1:2023)
Child care articles – Reclined cradles – Part 1: Reclined cradles for children up to when they try to sit up (EN 12790-1:2023)

HRN EN 12790-2:2023 en pr
Proizvodi za dojenčad i malu djecu – Ležaljke – 2. dio: Ležaljke za djecu koja se još ne podižu na noge (EN 12790-2:2023)
Child care articles – Reclined cradles – Part 2: Reclined cradles for children up to when they start to stand up (EN 12790-2:2023)

HZN/TO 182, Geotehničke konstrukcije

HRN EN 17685-1:2023 en pr
Zemljani radovi – Kemijska ispitivanja – 1. dio: Određivanje gubitka žarenjem (EN 17685-1:2023)
Earthworks – Chemical tests – Part 1: Determination of loss on ignition (EN 17685-1:2023)

HZN/TO 218, Drvo

HRN EN 460:2023 en pr
Trajnost drva i proizvoda na osnovi drva – Upute o svojstvima (EN 460:2023)
Durability of wood and wood-based products – Guidance on performance (EN 460:2023)

HZN/TO 221, Geosintetici

HRN EN 16416:2023 en pr
Glinene geosintetičke barijere – Određivanje indeksa protoka vode – Metoda mjerenja propusnosti u uređaju s elastičnim stijenkama pri konstantnom potencijalu (EN 16416:2023)
Geosynthetic clay barriers – Determination of water flux index – Flexible wall permeameter method at constant head (EN 16416:2023)

HZN/TO 238, Čvrsta biogoriva

HRN EN ISO 5370:2023 en pr
Čvrsta biogoriva – Određivanje količine finih čestica u peletima (ISO 5370:2023; EN ISO 5370:2023)
Solid biofuels – Determination of fines content in pellets (ISO 5370:2023; EN ISO 5370:2023)

HZN/TO 503, Metalni materijali

HRN EN 10248-1:2023 en pr
Toplo valjano žmurje od čelika – 1. dio: Tehnički uvjeti isporuke (EN 10248-1:2023)
Hot-rolled steel sheet piles – Part 1: Technical delivery conditions (EN 10248-1:2023)

HRN EN 14242:2023 en pr
Aluminij i aluminijeve legure – Kemijska analiza – Optička emisijska spektralna analiza s induktivnom spregnutom plazmom (EN 14242:2023)
Aluminium and aluminium alloys – Chemical analysis – Inductively coupled plasma optical emission spectral analysis (EN 14242:2023)

HZN/TO 505, Prijenos i distribucija plina

HRN EN 15001-1:2023 en pr
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 1. dio: Detaljni funkcionalni zahtjevi za projektiranje, materijale, konstrukciju, pregled i ispitivanje (EN 15001-1:2023)
Gas Infrastructure – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 1: Detailed functional requirements for design, materials, construction, inspection and testing (EN 15001-1:2023)

HRN EN 15001-2:2023 en pr
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 2. dio: Detaljni funkcionalni zahtjevi za puštanje u rad; rad i održavanje (EN 15001-2:2023)
Gas supply systems – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 2: Detailed functional requirements for commissioning; operation and maintenance (EN 15001-2:2023)

HZN/TO 528, Oprema za željeznice

HRN EN 17824:2023 en pr
Željeznički sustav – Stacionarna služba – Oprema za nadopunjavanje sustava tekućinom za obradu ispušnih plinova (AUS 32) (EN 17824:2023)
Railway applications – Ground based services – Exhaust treatment fluid (AUS 32) refilling equipment (EN 17824:2023)

HZN/TO 530, Remenski prijenosi, čelična užad, lanci, kuke za dizalice, trake, omče i pribor

HRN EN ISO 583:2023 en pr
Transportne trake s tekstilnim trupom – Ukupna debljina trake i debljina sastavnih dijelova – Metoda ispitivanja (ISO 583:2023; EN ISO 583:2023)
Conveyor belts with a textile carcass – Total belt thickness and thickness of constitutive elements – Test methods (ISO 583:2023; EN ISO 583:2023)

HZN/TO 531, Plastika i guma

HRN EN ISO 293:2023 en pr
Plastika – Izravno prešani plastomerni ispitci (ISO 293:2023; EN ISO 293:2023)
Plastics – Compression moulding of test specimens of thermoplastic materials (ISO 293:2023; EN ISO 293:2023)

HRN EN ISO 11357-1:2023 en pr
Plastika – Diferencijalna pretražna kalorimetrija (DSC) – 1. dio: Opća načela (ISO 11357-1:2023; EN ISO 11357-1:2023)
Plastics – Differential scanning calorimetry (DSC) – Part 1: General principles (ISO 11357-1:2023; EN ISO 11357-1:2023)

HZN/TO 533, Kolničke konstrukcije

HRN EN ISO 11819-1:2023 en pr
Akustika – Mjerenje utjecaja površine ceste na buku prometa – 1. dio: Statistička metoda prolaženjem (ISO 11819-1:2023; EN ISO 11819-1:2023)
Acoustics – Measurement of the influence of road surfaces on traffic noise – Part 1: Statistical Pass-By method (ISO 11819-1:2023; EN ISO 11819-1:2023)

HZN/TO 537, Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija

HRN EN ISO 16610-62:2023 en pr
Geometrijske specifikacije proizvoda (GPS) – Filtriranje – 62. dio: Linearni ploštinski filtri: Splajn (ISO 16610-62:2023; EN ISO 16610-62:2023)
Geometrical product specifications (GPS) – Filtration – Part 62: Linear areal filters: Spline filters (ISO 16610-62:2023; EN ISO 16610-62:2023)

HZN/TO 539, Kemijski dezinficijensi i antiseptici

HRN EN 14885:2022/Ispr.1:2023 en pr
Kemijski dezinficijensi i antiseptici – Primjena europskih norma za kemijske dezinficijense i antiseptike (EN 14885:2022/AC:2023)
Chemical disinfectants and antiseptics – Application of European Standards for chemical disinfectants and antiseptics (EN 14885:2022/AC:2023)

HZN/TO 550, *Opskrba vodom*

HRN EN 888:2023 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Željezov (III) klorid (EN 888:2023)
Chemicals used for treatment of water intended for human consumption – Iron (III) chloride (EN 888:2023)

HRN EN 889:2023 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Željezov (II) sulfat (EN 889:2023)
Chemicals used for treatment of water intended for human consumption – Iron (II) sulfate (EN 889:2023)

HRN EN 890:2023 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Otopina željezova (III) sulfata (EN 890:2023)
Chemicals used for treatment of water intended for human consumption – Iron (III) sulfate solution (EN 890:2023)

HRN EN 891:2023 en pr
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj potrošnji – Željezov (III) klorid sulfat (EN 891:2023)
Chemicals used for treatment of water intended for human consumption – Iron (III) chloride sulfate (EN 891:2023)

HRN EN 12729:2023 en pr
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnog toka – Regulirajući zapornik povratnog toka sa zonom smanjenog tlaka – Skupina B – Tip A (EN 12729:2023)
Devices to prevent pollution by backflow of potable water – Controllable backflow preventer with reduced pressure zone – Family B – Type A (EN 12729:2023)

HRN EN 13077:2023 en pr
Uređaji za sprječavanje onečišćenja vode za piće zbog povratnog toka – Zračni razmak (neograničeni) za preljev koji nije kružnog oblika – Skupina A – Tip B (EN 13077:2023)
Devices to prevent pollution by backflow of potable water – Air gap with non-circular overflow (unrestricted) – Family A – Type B (EN 13077:2023)

HZN/TO 554, *Obrada otpadnih voda*

HRN EN 12255-4:2023 en pr
Uređaji za pročišćavanje otpadnih voda – 4. dio: Primarna obrada (EN 12255-4:2023)
Wastewater treatment plants – Part 4: Primary treatment (EN 12255-4:2023)

HZN/TO 555, *Medicinski proizvodi*

HRN EN ISO 10993-10:2023 en pr
Biološka procjena medicinskih proizvoda – 10. dio: Ispitivanja za osjetljivost kože (ISO 10993-10:2021; EN ISO 10993-10:2023)
Biological evaluation of medical devices – Part 10: Tests for skin sensitization (ISO 10993-10:2021; EN ISO 10993-10:2023)

HZN/TO 560, *Tekstilni proizvodi*

HRN EN ISO 4484-1:2023 en pr
Tekstil i tekstilni proizvodi – Mikroplastika iz tekstilnih izvora – 1. dio: Određivanje gubitaka materijala iz tkanina tijekom postupka pranja (ISO 4484-1:2023; EN ISO 4484-1:2023)
Textiles and textile products – Microplastics from textile sources – Part 1: Determination of material loss from fabrics during washing (ISO 4484-1:2023; EN ISO 4484-1:2023)

HZN/TO 566, *Mlijeko i mliječni proizvodi*

HRN ISO 8196-3:2023 en pr
Mlijeko – Definicija i vrednovanje ukupne točnosti alternativnih metoda za analize mlijeka – 3. dio: Protokol za vrednovanje i validaciju alternativnih kvantitativnih metoda za analize mlijeka (ISO 8196-3:2022)
Milk – Definition and evaluation of the overall accuracy of alternative methods of milk analysis – Part 3: Protocol for the evaluation and validation of alternative quantitative methods of milk analysis (ISO 8196-3:2022)

HRS ISO/TS 17996:2023 en pr
Sir – Određivanje reoloških svojstava jednoosnom kompresijom pri konstantnom pomicanju (ISO/TS 17996:2023)
Cheese – Determination of rheological properties by uniaxial compression at constant displacement rate (ISO/TS 17996:2023)

HRN ISO 19662:2023 en pr
Mlijeko – Određivanje udjela masti – Acido-butirometrija (Gerberova metoda) (ISO 19662:2018)
Milk – Determination of fat content – Acido-butyrometric (Gerber method) (ISO 19662:2018)

HZN/TO 568, *Analiza hrane – horizontalne metode, mikrobiologija, posuđe i pribor u kontaktu s hranom*

HRN EN 12983-1:2023 en pr
Posuđe za kuhanje – Posuđe za kuhanje u domaćinstvu za upotrebu na štednjaku ili ploči – 1. dio: Opći zahtjevi (EN 12983-1:2023)
Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 1: General requirements (EN 12983-1:2023)

HRN EN 12983-2:2023 en pr
Posuđe za kuhanje – Posuđe za kuhanje u domaćinstvu za upotrebu na štednjaku ili ploči – 2. dio: Ostali opći zahtjevi i posebni zahtjevi za keramičko posuđe za kuhanje i stakleni poklopac (EN 12983-2:2023)
Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 2: General requirements for ceramic cookware and glass lid (EN 12983-2:2023)

HRN EN 15634-3:2023 en pr
Hrana – Dokazivanje alergena u hrani metodama molekularne biologije – 3. dio: Lješnjak (*Corylus avellana*) – Kvalitativno dokazivanje specifičnih sekvenci u čokoladi PCR-om u realnom vremenu (EN 15634-3:2023)
Foodstuffs – Detection of food allergens by molecular biological methods – Part 3: Hazelnut (*Corylus avellana*) – Qualitative detection of a specific DNA sequence in chocolate by real-time PCR (EN 15634-3:2023)

HRN EN 15634-4:2023 en pr
Hrana – Dokazivanje alergena u hrani metodama molekularne biologije – 4. dio: Kikiriki (*Arachis hypogaea*) – Kvalitativno dokazivanje specifičnih DNK sekvenci u čokoladi PCR-om u realnom vremenu (EN 15634-4:2023)
Foodstuffs – Detection of food allergens by molecular biological methods – Part 4: Peanut (*Arachis hypogaea*) – Qualitative detection of a specific DNA sequence in chocolate by real-time PCR (EN 15634-4:2023)

HRN EN 15634-5:2023 en pr
Hrana – Dokazivanje alergena u hrani metodama molekularne biologije – 5. dio: Bijela slačica (*Sinapis alba*) i soja (*Glycine max*) – Kvalitativno dokazivanje specifičnih DNK sekvenci u barenoj kobasici PCR-om u realnom vremenu (EN 15634-5:2023)
Foodstuffs – Detection of food allergens by molecular biological methods – Part 5: Mustard (*Sinapis alba*) and soya (*Glycine max*) – Qualitative detection of a specific DNA sequence in cooked sausages by real-time PCR (EN 15634-5:2023)

HRN EN ISO 21872-1:2017/A1:2023 en pr
Mikrobiologija u lancu hrane – Horizontalna metoda za određivanje *Vibrio* spp. – 1. dio: Dokazivanje prisutnosti potencijalno enteropatogenih *Vibrio parahaemolyticus*, *Vibrio cholerae* i *Vibrio vulnificus* – Amandman 1: Uključivanje ispitivanja učinkovitosti hranjivih podloga i reagensa (ISO 21872-1:2017/Amd 1:2023; EN ISO 21872-1:2017/A1:2023)
Microbiology of the food chain – Horizontal method for the determination of *Vibrio* spp. – Part 1: Detection of potentially enteropathogenic *Vibrio parahaemolyticus*, *Vibrio cholerae* and *Vibrio vulnificus* – Amendment 1: Inclusion of performance testing of culture media and reagents (ISO 21872-1:2017/Amd 1:2023; EN ISO 21872-1:2017/A1:2023)

HZN/TO 569, Hrana za životinje

HRN EN 17683:2023 en pr
Hrana za životinje – Metode uzorkovanja i analize – Određivanje pirrolizidinskih alkaloida u hrani za životinje LCMS/MS metodom (EN 17683:2023)
Animal feeding stuffs – Methods of sampling and analysis – Determination of pyrrolizidine alkaloids in animal feeding stuff by LC-MS/MS (EN 17683:2023)

HZN/TO 571, Sport, igrališta i ostali rekreacijski sadržaji i oprema

HRN EN 17461:2023 en pr
Gimnastička oprema – Pojedinačni i multifunkcionalni sanduci za preskakivanje (švedski sanduk) – Sigurnosni zahtjevi i metode ispitivanja (EN 17461:2023)
Gymnastic equipment – Individual and multifunctional vaulting boxes – Safety requirements and test methods (EN 17461:2023)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 60947-4-2:2023 en pr
Niskonaponska sklopna aparatura – Dio 4-2: Sklopnici i motorski pokretači – Poluvodički motorski kontroleri, pokretači i pokretači za mekani start (IEC 60947-4-2:2020; EN IEC 60947-4-2:2023)
Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – Semiconductor motor controllers, starters and soft-starters (IEC 60947-4-2:2020; EN IEC 60947-4-2:2023)

HRN EN IEC 60947-6-2:2023 en pr
Niskonaponska sklopna aparatura – Dio 6-2: Višefunkcijska oprema – Upravljački i zaštitni sklopni aparati (ili oprema) (CPS) (IEC 60947-6-2:2020+Corr.1:2021; EN IEC 60947-6-2:2023)
Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS) (IEC 60947-6-2:2020+Corr.1:2021; EN IEC 60947-6-2:2023)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 62722-2-1:2023 en pr
Značajke svjetiljki – Dio 2-1: Posebni zahtjevi – Svjetiljke sa svjetlećim diodama (IEC 62722-2-1:2023; EN IEC 62722-2-1:2023)
Luminaire performance – Part 2-1: Particular requirements – LED luminaires (IEC 62722-2-1:2023; EN IEC 62722-2-1:2023)

HZN/TO E57, Upravljanje energetske sustavom i pridružene komunikacije

HRN EN IEC 62351-5:2023 en pr
Upravljanje energetske sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 5. dio: Sigurnost za IEC 61850-5 i derivate (IEC 62351-5:2023; EN 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 62351-5:2023; EN IEC 62351-5:2023)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN IEC 80601-2-59:2019/A1:2023 en pr
Medicinska električna oprema – Dio 2-59: Posebni zahtjevi za osnovnu sigurnost i bitne radne značajke termografa za otkrivanje osoba s povišenom tjelesnom temperaturom (IEC 80601-2-59:2017/am1:2023; EN IEC 80601-2-59:2019/A1:2023)
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/am1:2023; EN IEC 80601-2-59:2019/A1:2023)

HZN/TO E112, Procjena i značajke električnih izolacijskih materijala i sustava

HRN EN IEC 62631-3-1:2023 en pr
Dielektrična i otporna svojstva čvrstih izolacijskih materijala – Dio 3-1: Određivanje otpornih svojstava (Metode istosmjernje struje) – Ukupan otpor i specifičan otpor – Opća metoda (IEC 62631-3-1:2023; EN 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 62631-3-1:2023; EN IEC 62631-3-1:2023)

HZN/TU C1, Kemikalije, kemijsko inženjerstvo, poljoprivredni i prehrambeni proizvodi 1

HRN EN 301:2023 en pr
Fenolni i aminoplastični adhezivi za nosive drvene konstrukcije – Klasifikacija i zahtjevi izvedbe (EN 301:2023)
Adhesives, phenolic and aminoplastic, for load-bearing timber structures – Classification and performance requirements (EN 301:2023)

HRN EN 302-1:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 1. dio: Određivanje uzdužne posmične čvrstoće (EN 302-1:2023)
Adhesives for load-bearing timber structures – Test methods – Part 1: Determination of longitudinal tensile shear strength (EN 302-1:2023)

HRN EN 302-2:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 2. dio: Određivanje otpornosti na raslojavanje (EN 302-2:2023)
Adhesives for load-bearing timber structures – Test methods – Part 2: Determination of resistance to delamination (EN 302-2:2023)

HRN EN 302-3:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje utjecaja oštećenja drvenih vlakana kiselinom na poprečnu posmičnu čvrstoću pri cikličnim promjenama temperature i vlažnosti (EN 302-3:2023)
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength (EN 302-3:2023)

HRN EN 302-4:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 4. dio: Određivanje učinaka utezanja drva na posmičnu čvrstoću (EN 302-4:2023)
Adhesives for load-bearing timber structures – Test methods – Part 4: Determination of the effects of wood shrinkage on the shear strength (EN 302-4:2023)

HRN EN 302-5:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 5. dio: Određivanje maksimalnog otvorenog vremena pri navedenim uvjetima (EN 302-5:2023)
Adhesives for load-bearing timber structures – Test methods – Part 5: Determination of maximum assembly time under referenced conditions (EN 302-5:2023)

HRN EN 302-6:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 6. dio: Određivanje minimalnog vremena pritiska pri navedenim uvjetima (EN 302-6:2023)
Adhesives for load-bearing timber structures – Test methods – Part 6: Determination of the minimum pressing time under referenced conditions (EN 302-6:2023)

HRN EN 302-7:2023 en pr
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 7. dio: Određivanje radnog vijeka pri navedenim uvjetima (EN 302-7:2023)
Adhesives for load-bearing timber structures – Test methods – Part 7: Determination of the working life under referenced conditions (EN 302-7:2023)

HRN EN ISO 1518-1:2023 en pr
Boje i lakovi – Određivanje otpornosti na grebenje – 1. dio: Metoda konstantnog opterećenja (ISO 1518-1:2023; EN ISO 1518-1:2023)
Paints and varnishes – Determination of scratch resistance – Part 1: Constant-loading method (ISO 1518-1:2023; EN ISO 1518-1:2023)

HRN EN 1811:2023 en pr
Referentna metoda ispitivanja izlučivanja nikla iz svih dijelova koji se umeću u probušene dijelove ljudskoga tijela i predmeta koji su u izravnom i produženome kontaktu s ljudskom kožom (EN 1811:2023)
Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin (EN 1811:2023)

HRN EN ISO 4618:2023 en pr
Boje i lakovi – Terminološki rječnik (ISO 4618:2023; EN ISO 4618:2023)
Paints and varnishes – Vocabulary (ISO 4618:2023; EN ISO 4618:2023)

HRN EN ISO 7142:2023 en pr
Veziva za boje i lakove – Epoksidne smole – Opće metode ispitivanja (ISO 7142:2023; EN ISO 7142:2023)
Binders for paints and varnishes – Epoxy resins – General methods of test (ISO 7142:2023; EN ISO 7142:2023)

HRN EN ISO 7784-1:2023 en pr
Boje i lakovi – Određivanje otpornosti na habanje – 1. dio: Metoda s kotačima pokrivenim abrazivnim papirom i rotirajućim ispitnim uzorkom (ISO 7784-1:2023; EN ISO 7784-1:2023)
Paints and varnishes – Determination of resistance to abrasion – Part 1: Method with abrasive-paper covered wheels and rotating test specimen (ISO 7784-1:2023; EN ISO 7784-1:2023)

HRN EN ISO 7784-2:2023 en pr
Boje i lakovi – Određivanje otpornosti na habanje – 2. dio: Metoda s abrazivnim gumenim kotačima i rotirajućim ispitnim uzorkom (ISO 7784-2:2023; EN ISO 7784-2:2023)
Paints and varnishes – Determination of resistance to abrasion – Part 2: Method with abrasive rubber wheels and rotating test specimen (ISO 7784-2:2023; EN ISO 7784-2:2023)

HRN EN 15425:2023 en pr
Adhezivi – Jednokomponentni poliuretani za drvene strukture pod opterećenjem – Klasifikacija i zahtjevi graničnih svojstava uporabljivosti (EN 15425:2023)
Adhesives – One component polyurethane (PUR) for load-bearing timber structures – Classification and performance requirements (EN 15425:2023)

HRN EN 16254:2023 en pr
Adhezivi – Polimerizirani izocijanati u emulziji za nosive drvene konstrukcije – Klasifikacija i zahtjevi izvedbe (EN 16254:2023)
Adhesives – Emulsion polymerized isocyanate (EPI) for load-bearing timber structures – Classification and performance requirements (EN 16254:2023)

HRN EN ISO/ASTM 52911-3:2023 en pr
Aditivna proizvodnja – Dizajn – 3. dio: PBF-EB metalnih materijala (ISO/ASTM 52911-3:2023; EN ISO/ASTM 52911-3:2023)
Additive Manufacturing – Design – Part 3: PBF-EB of metallic materials (ISO/ASTM 52911-3:2023; EN ISO/ASTM 52911-3:2023)

HZN/TU I2, Strojstvo 2

HRN EN 15544:2023 en pr
Stabilne zidane peći sa kaljem i bez njega – Dimenzioniranje (EN 15544:2023)
One off Kachelgrundöfen/Putzgrundöfen (tiled/mortared stoves) – Dimensioning (EN 15544:2023)

HZN/TU M1, Metalni materijali 1

HRN EN ISO 11490:2023 en pr
Nakit i plemeniti metali – Određivanje paladija – Gravimetrijska metoda pomoću dimetilglioksima (ISO 11490:2023; EN ISO 11490:2023)
Jewellery and precious metals – Determination of palladium – Gravimetry using dimethylglyoxime (ISO 11490:2023; EN ISO 11490:2023)

HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1

HRN EN ISO 3630-2:2023 en pr
Stomatologija – Endodontski instrumenti – 2. dio: Proširivači (ISO 3630-2:2023; EN ISO 3630-2:2023)
Dentistry – Endodontic instruments – Part 2: Enlargers (ISO 3630-2:2023; EN ISO 3630-2:2023)

HRN EN ISO 8536-2:2023 en pr
Oprema za infuziju za medicinsku primjenu – 2. dio: Zatvarači za boce za infuziju (ISO 8536-2:2023; EN ISO 8536-2:2023)
Infusion equipment for medical use – Part 2: Closures for infusion bottles (ISO 8536-2:2023; EN ISO 8536-2:2023)

HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1

HRN EN 2885:2023 en pr
Zrakoplovstvo – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, kratki navoj, od legure čelika, prevučeni kadmijem – Klasifikacija: 900 MPa (pri temperaturi okoline)/235 °C (EN 2885:2023)
Aerospace series – Screws, pan head, offset cruciform recess, coarse tolerance normal shank, short thread, in alloy steel, cadmium plated – Classification: 900 MPa (at ambient temperature) / 235 °C (EN 2885:2023)

HRN EN 2886:2023 en pr
Zrakoplovstvo – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalni struk uske tolerancije, kratki navoj, od legure čelika, prevučeni kadmijem – Klasifikacija: 900 MPa (pri temperaturi okoline)/235 °C (FprEN 2886) (EN 2886:2023)
Aerospace series – Screws, pan head, offset cruciform recess, close tolerance normal shank, short thread, in alloy steel, cadmium plated – Classification: 900 MPa (at ambient temperature)/235 °C (EN 2886:2023)

HRN EN 3475-505:2023 en pr
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 505. dio: Ispitivanje zatezanjem vodiča i pramenova (EN 3475-505:2023)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 505: Tensile test on conductors and strands (EN 3475-505:2023)

HRN EN ISO 3691-2:2023 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 2. dio: Vozila na vlastiti pogon s promjenjivim dometom (ISO 3691-2:2023; EN ISO 3691-2:2023)
Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks (ISO 3691-2:2023; EN ISO 3691-2:2023)

HRN EN ISO 3691-3:2016/A1:2023 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 3. dio: Dodatni zahtjevi za vozila s podiznim mjestom za rukovatelja i vozila posebno projektirana za kretanje s podignutim teretom (ISO 3691 3:2016/Amd 1:2023; EN ISO 3691-3:2016/A1:2023)
Industrial trucks – Safety requirements and verification – Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (ISO 3691 3:2016/Amd 1:2023; EN ISO 3691-3:2016/A1:2023)

HRN EN 3879:2023 en pr
Zrakoplovstvo – Metalni materijali – Dodatni materijal za zavarivanje – Tehnička specifikacija (EN 3879:2023)
Aerospace series – Metallic materials – Filler metal for welding – Technical specification (EN 3879:2023)

HRN EN 4056-005:2023 en pr
Zrakoplovstvo – Obujmice za kabelaške snopove – Dio 005: Plastične obujmice s metalnim uređajem za zaključavanje, radne temperature od -65 °C do 105 °C i od -65 °C do 150 °C – Norma za proizvod (EN 4056-005:2023)
Aerospace series – Cable ties for harnesses – Part 005: Plastic cable ties with metallic locking devices, operating temperatures -65 °C to 105 °C and -65 °C to 150 °C – Product standard (EN 4056-005:2023)

HRN EN 4650:2023 en pr
Zrakoplovstvo – Procesni za označavanje žica i kabela, UV laser (EN 4650:2023)
Aerospace series – Wire and cable marking process, UV Laser (EN 4650:2023)

HRN EN 16307-2:2023 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 2. dio: Dopunski zahtjevi za regalne viljučare promjenjivog dohvata s vlastitim pogonom (EN 16307-2:2023)
Industrial trucks – Safety requirements and verification – Part 2: Supplementary requirements for self-propelled variable-reach trucks (EN 16307-2:2023)

HRN EN 16307-3:2023 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 3. dio: Dopunski zahtjevi za vozila s podiznim mjestom za rukovatelja i vozila posebno projektirana za kretanje s podignutim teretom (dodatni zahtjevi uz normu EN 16307-1) (EN 16307-3:2023)
Industrial trucks – Safety requirements and verification – Part 3 Supplementary requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (additional requirements to EN 16307-1) (EN 16307-3:2023)

HZN/TU V1, Elektronika 1

HRN EN IEC 60384-14:2023 en pr
Fiksni kondenzatori za uporabu u elektroničkoj opremi – 14. dio: Sekcijska specifikacija – Fiksni kondenzatori za suzbijanje elektromagnetskih smetnji i za spajanje na mrežu za napajanje (IEC 60384-14:2023; EN 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; EN IEC 60384-14:2023)

HRN EN IEC 61280-1-4:2023 en pr
Postupci ispitivanja svjetlovodnih komunikacijskih podsustava – Dio 1-4: Opći komunikacijski podsustavi – Metoda mjerenja zaokruženog toka izvora svjetlosti (IEC 61280-1-4:2023; EN IEC 61280-1-4:2023)
Fibre optic communication subsystem test procedures – Part 1-4: General communication subsystems – Light source encircled flux measurement method (IEC 61280-1-4:2023; EN IEC 61280-1-4:2023)

HRN EN IEC 61300-2-1:2023 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-1: Ispitivanja – Vibracija (sinusoidalna) (IEC 61300-2-1:2023; EN IEC 61300-2-1:2023)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-1: Tests – Vibration (sinusoidal) (IEC 61300-2-1:2023; EN IEC 61300-2-1:2023)

HRN EN IEC 61300-2-18:2023 en pr
Svjetlovodni uređaji za međusobno spajanje i pasivne komponente – Osnovni postupci ispitivanja i mjerenja – Dio 2-18: Ispitivanja – Suha toplina (IEC 61300-2-18:2023; EN IEC 61300-2-18:2023)
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-18: Tests – Dry heat (IEC 61300-2-18:2023; EN IEC 61300-2-18:2023)

HRN EN IEC 62343:2023 en pr
Dinamički moduli – Opća specifikacija (IEC 62343:2023; EN IEC 62343:2023)
Dynamic modules – Generic specification (IEC 62343:2023; EN IEC 62343:2023)

HZN/TU W1, Energetska elektrotehnika 1

HRN EN IEC 62146-2:2023 en pr
Kondenzatori za raspodjelu napona za visokonaponske izmjenične prekidače – 2. dio: TRV kondenzatori (IEC 62146-2:2023; EN IEC 62146-2:2023)
Grading capacitors for high-voltage alternating current circuit-breakers – Part 2: TRV capacitors (IEC 62146-2:2023; EN IEC 62146-2:2023)

HRN EN IEC/ASTM 62885-7:2021/A1:2023 en pr
Uređaji za čišćenje površina – 7. dio: Roboti za suho čišćenje za kućnu i sličnu primjenu – Metode za mjerenje radnih značajka (IEC/ASTM 62885-7:2020/am1:2022; EN IEC/ASTM 62885-7:2021/A1:2023)
Surface cleaning appliances – Part 7: Dry cleaning robots for household or similar use – Methods for measuring the performance (IEC/ASTM 62885-7:2020/am1:2022; EN IEC/ASTM 62885-7:2021/A1:2023)

1.2 Nacrti hrvatskih norma

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o nacrtima hrvatskih norma (oznaka nHRN). Pisane primjedbe na nacрте hrvatskih norma dostavljaju se Hrvatskom zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku nacрта hrvatske norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo) odnosno putem Sustava komentiranja nacрта norma – HZNacrti, na poveznici <http://hznlive.67bricks.com/>.

Nacrti su hrvatskih norma zainteresiranima na raspolaganju u Normoteci Hrvatskoga zavoda za norme, Ulica grada Vukovara 78, Zagreb te u sustavu HZNacrti.

HZN/TO 28, *Naftni proizvodi i maziva*

nHRN EN 589:2022/NA hr izv
Goriva za motorna vozila – UNP – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – LPG – Requirements and test methods – National Annex

nHRN EN 590:2022/NA hr izv
Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Diesel – Requirements and test methods – National Annex

nHRN EN 14214:2019/NA hr izv
Tekući naftni proizvodi – Metilni esteri masnih kiselina (FAME) za dizelske motore i grijanje – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Liquid petroleum products – Fatty acid methyl esters (FAME) for use in diesel engines and heating applications – Requirements and test methods – National Annex

1.3 Prijedlozi za prihvaćanje stranih norma u izvorniku

Temeljem Zakona o normizaciji (Narodne novine 80/2013) Hrvatski zavod za norme na prijedlog tehničkih odbora objavljuje raspravu o prijedlogu za prihvaćanje stranih norma (međunarodnih, europskih i njemačkih norma) kao hrvatskih norma.

Pisane primjedbe na prijedloge za prihvaćanje norma dostavljaju se Hrvatskome zavodu za norme (uz naznaku tehničkog odbora i referencijsku oznaku norme) u roku od 30 dana od dana objave rasprave u službenom glasilu Hrvatskoga zavoda za norme (HZN e-glasilo).

HZN/TO 8, *Brodogradnja*

prEN ISO 15085 en
Small craft – Man-overboard prevention and recovery (ISO/DIS 15085:2023)
Mala plovila – Čovjek u moru, sprečavanje i spašavanje (ISO/DIS 15085:2023)

HZN/TO 21, *Protupožarna i vatrogasna oprema*

prEN 14972-4 en
Fixed firefighting systems – Water mist systems – Part 4: Test protocol for non-storage occupancies for automatic nozzle systems
Stabilni protupožarni sustavi – Sustavi vodene magle – 4. dio: Protokol ispitivanja za sustave s automatskim mlaznicama u prostorima koji nisu namijenjeni skladištenju

prEN 14972-12 en
Fixed firefighting systems – Water mist systems – Part 12: Test protocol for commercial deep fat cooking fryers for open nozzle systems
Stabilni protupožarni sustavi – Sustavi vodene magle – 12. dio: Protokol ispitivanja za sustave otvorenih mlaznica za komercijalne friteze

HZN/TO 22, *Cestovna vozila*

prEN 17932 en
Natural gas vehicles – Requirements for LNGV workshops and the management of liquefied natural gas (LNG) vehicles
Vozila na prirodni plin – Zahtjevi za radionice za vozila na ukapljeni prirodni plin (UPP) i postupanje s vozilima na UPP

HZN/TO 28, *Naftni proizvodi i maziva*

prEN 589 en
Automotive fuels – LPG – Requirements and test methods
Goriva za motorna vozila – UNP – Zahtjevi i metode ispitivanja

HZN/TO 44, *Zavarivanje i srodni postupci*

prEN ISO 13920 en
Welding – General tolerances for welded constructions – Dimensions for lengths and angles – Shape and position (ISO/FDIS 13920:2023)
Zavarivanje – Opća dopuštena odstupanja za zavarene konstrukcije – Dimenzije za dužine i kutove – Oblik i položaj (ISO/FDIS 13920:2023)

prEN 17931 en
Gas welding equipment – Manual gas equipment for welding, heating and cutting – Periodic Inspection
Oprema za plinsko zavarivanje – Ručna oprema za plinsko zavarivanje, zagrijavanje i rezanje – Periodični pregled

HZN/TO 54, *Eterična ulja*

ISO 1242:2023 en
Essential oils – Determination of acid value by two titration methods, manual and automatic
Eterična ulja – Određivanje kiselinskog broja s dvije metode titracije, ručnom i automatskom

ISO 4730:2017/Amd 1:2018 en
Essential oil of Melaleuca, terpinen-4-ol type (Tea Tree oil) – Amendment 1: Enantiomeric distribution
Eterično ulje Melaleuca-e, tip terpinen-4-ol type (Ulje australskog čajnog drva) – Amandman 1: Enantiomerna distribucija

HZN/TO 86, Uređaji za hlađenje, klimatizaciju i dizalice topline

prEN 12693 en

Refrigerating systems and heat pumps – Safety and environmental requirements – Positive displacement refrigerant compressors
Rashladni sustavi i dizalice topline – Zahtjevi s obzirom na okoliš i sigurnost – Volumetrijski rashladni kompresori

EN ISO 21922:2021/prA1 en

Refrigerating systems and heat pumps – Valves – Requirements, testing and marking (ISO 21922:2021/DAM 1:2023)
Rashladni sustavi i dizalice topline – Ventili – Zahtjevi, ispitivanje i označavanje (ISO 21922:2021/DAM 1:2023)

HZN/TO 91, Površinski aktivne tvari

ISO 893:1989 en

Surface active agents – Technical alkane sulfonates – Methods of analysis
Površinski aktivne tvari – Tehnički alkansulfonati – Metode analize

ISO 895:1977 en

Surface active agents – Technical sodium secondary alkylsulphates – Methods of analysis
Površinski aktivne tvari – Tehnički natrijevi sekundarni alkilsulfati – Metode analize

ISO 2131:1972 en

Surface active agents – Simplified classification
Površinski aktivne tvari – Pojednostavnjena klasifikacija

ISO 4311:1979 en

Anionic and non-ionic surface active agents – Determination of the critical micellization concentration – Method by measuring surface tension with a plate, stirrup or ring
Anionske i neionske površinski aktivne tvari – Određivanje kritične micelizacijske koncentracije – Mjerenje površinske napetosti metodom pločice, stremena ili prstena

ISO 4324:1977 en

Surface active agents – Powders and granules – Measurement of the angle of repose
Površinski aktivne tvari – Prašci i granule – Mjerenje nasipnog kuta u mirovanju

ISO 6836:1983 en

Surface active agents – Mercerizing agents – Evaluation of the activity of wetting products for mercerization by determination of the shrinkage rate of cotton
Površinski aktivne tvari – Tvari za mercerizaciju – Procjena djelotvornosti sredstava za kvašenje u postupku mercerizacije određivanjem brzine skupljanja pamuka

ISO 6837:1982 en

Surface active agents – Water dispersing power in dry cleaning solvents
Površinski aktivne tvari – Sposobnost disperzije vode u otapalima za kemijsko čišćenje

ISO 6840:1982 en

Cationic surface active agents (Hydrochlorides and hydrobromides) – Determination of critical micellization concentration – Method by measurement of counter ion activity
Kationske površinski aktivne tvari (hidrokloridi i hidrobromidi) – Određivanje kritične micelizacijske koncentracije – Mjerenje aktivnosti protuiona

ISO 16560:2015 en

Surface active agents – Determination of polyethylene glycol content in nonionic ethoxylated surfactants – HPLC method
Površinski aktivne tvari – Određivanje sadržaja polietilenglikola u neionskim etoksiliranim površinski aktivnim tvarima – Metoda HPLC

ISO 17280:2015 en

Surface active agents – Determination of 1,4-dioxan residues in surfactants obtained from epoxyethane by gas chromatography
Površinski aktivne tvari – Određivanje ostataka 1,4-dioksana plinskom kromatografijom u površinski aktivnim tvarima dobivenim iz epoksietana

ISO 21703:2019 en

Surface active agents – Microbiology – Microbiological test methods for liquid hand dishwashing
Površinski aktivne tvari – Mikrobiologija – Mikrobiološke metode ispitivanja tekućeg deterdženta za ručno pranje posuđa

ISO 23324:2020 en

Surface active agents – Fabric conditioners – Determination of antistatic performance
Površinski aktivne tvari – Sredstva za omekšavanje tkanina – Određivanje antistatičkih svojstava

HZN/TO 121, Anestetička i respiracijska oprema

EN ISO 10524-1:2019/prA1 en

Pressure regulators for use with medical gases – Part 1: Pressure regulators and pressure regulators with flow-metering devices (ISO 10524-1:2018/DAM 1:2023)
Regulatori tlaka za uporabu s medicinskim plinovima – 1. dio: Regulatori tlaka i regulatori tlaka s uređajima za mjerenje protoka (ISO 10524-1:2018/DAM 1:2023)

EN ISO 80601-2-55:2018/prA1 en

Medical electrical equipment – Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors (ISO 80601-2-55:2018/DAM 1:2023)
Medicinska električna oprema – Dio 2-55: Posebni zahtjevi za osnovnu sigurnost i nužne značajke opreme za praćenje dišnih plinova (ISO 80601-2-55:2018/DAM 1:2023)

HZN/TO 147, Kvaliteta vode

prEN ISO 10253 en

Water quality – Marine algal growth inhibition test with *Skeletonema sp.* and *Phaeodactylum tricornutum* (ISO/DIS 10253:2023)
Kvaliteta vode – Ispitivanje inhibicije rasta morskih algi *Skeletonema sp.* i *Phaeodactylum tricornutum* (ISO/DIS 10253:2023)

HZN/TO 159, Ergonomija

prEN ISO 9241-920 en

Ergonomics of human-system interaction – Part 920: Tactile and haptic interactions (ISO/DIS 9241-920:2023)
Ergonomija interakcije čovjek-sustav – Dio 920: Taktilne i haptičke interakcije (ISO/DIS 9241-920:2023)

HZN/TO 163, Toplinska izolacija

EN ISO 10077-2:2017/prA1 en

Thermal performance of windows, doors and shutters – Calculation of thermal transmittance – Part 2: Numerical method for frames (ISO 10077-2:2017/DAM 1:2023)
Toplinska svojstva prozora, vrata i zaslona – Proračun koeficijenta prolaska topline – 2. dio: Numerička metoda za okvire (ISO 10077-2:2017/DAM 1:2023)

HZN/TO 172, Optika i optički instrumenti

prEN ISO 11979-7 en

Ophthalmic implants – Intraocular lenses – Part 7: Clinical investigations of intraocular lenses for the correction of aphakia (ISO/DIS 11979-7:2023)
Oftalmološki implantati – Intraokularne leće – 7. dio: Klinička istraživanja intraokularnih leća s obzirom na korekciju afakije (ISO/DIS 11979-7:2023)

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

EN 1273:2020/prA1 en

Child care articles – Baby walking frames – Safety requirements and test methods
Proizvodi za dojenčad i malu djecu – Hodalice – Sigurnosni zahtjevi i metode ispitivanja

HZN/TO 211, Geoinformacije/Geomatika

EN ISO 19111:2020/prA2 en

Geographic information – Referencing by coordinates (ISO 19111:2019/DAM 2:2023)
Geoinformacije – Referenciranje koordinatama (ISO 19111:2019/DAM 2:2023)

HZN/TO 503, Metalni materijali

prEN ISO 5842 en

Powder metallurgy – Hot isostatic pressing – Argon detection using gas chromatography and mass spectrometry techniques (ISO 5842:2022)
Metalurgija praha – Vruće izostatičko prešanje – Detekcija argona tehnikama plinske kromatografije i masene spektrometrije (ISO 5842:2022)

HZN/TO 506, Materijali, oprema i konstrukcije za naftnu industriju, prirodni plin i geotermalnu vodu

prEN ISO 15544 en
Petroleum and natural gas industries – Offshore production installations – Requirements and guidelines for emergency response (ISO/DIS 15544:2023)
Industrija nafte i prirodnog plina – Odobalna proizvodna postrojenja – Zahtjevi i smjernice interventnih mjera (ISO/DIS 15544:2023)

HZN/TO 524, Inteligentni transportni sustavi

prEN 16986 en
Electronic fee collection – Interoperable application profiles for information exchange between Service Provision and Toll Charging
Elektronička naplata – Interoperabilni aplikacijski profil za razmjenu podataka između pružanja usluge i naplate cestarine

HZN/TO 528, Oprema za željeznice

prEN 13260 en
Railway applications – Wheelsets and bogies – Wheelsets – Product requirements
Željeznički sustav – Osovinski sklopovi i okretna postolja – Osovinski sklopovi – Zahtjevi za proizvod

prEN 13261 en
Railway applications – Wheelsets and bogies – Axles – Product requirements
Željeznički sustav – Osovinski sklopovi i okretna postolja – Osovine – Zahtjevi za proizvod

prEN 13262 en
Railway applications – Wheelsets and bogies – Wheels – Product requirements
Željeznički sustav – Osovinski sklopovi i okretna postolja – Kotači – Zahtjevi za proizvod

prEN 13452-1 en
Railway applications – Braking – Urban rail brake systems – Part 1: Requirements and definitions

prEN 13452-2 en
Railway applications – Braking – Urban rail brake systems – Part 2: Test methods

prEN 14601 en
Railway applications – Straight and angled end cocks for brake pipe and main reservoir pipe
Željeznički sustav – Ravna i kutna završna crijeva za slavine kočnice i glavnog spremnika zraka

HZN/TO 531, Plastika i guma

prEN ISO 899-2 en
Plastics – Determination of creep behaviour – Part 2: Flexural creep by three-point loading (ISO/DIS 899-2:2023)
Plastika – Određivanje ponašanja pri puzanju – 2. dio: Savoyno puzanje uz opterećenje na tri točke (ISO/DIS 899-2:2023)

prEN ISO 2398 en
Rubber hoses, textile-reinforced, for compressed air – Specification (ISO/DIS 2398:2023)
Gumena crijeva za stlaćeni zrak ojačana tekstilom – Specifikacija (ISO/DIS 2398:2023)

prEN ISO 6186 en
Plastics – Determination of pourability (ISO/DIS 6186:2023)
Plastika – Određivanje sipkosti (ISO/DIS 6186:2023)

prEN ISO 22007-4 en
Plastics – Determination of thermal conductivity and thermal diffusivity – Part 4: Light flash method (ISO/DIS 22007-4:2023)
Plastika – Određivanje toplinske vodljivosti i toplinske difuzivnosti – 4. dio: Metoda laserskoga bljeska (ISO/DIS 22007-4:2023)

HZN/TO 534, Spremnici za teret

prEN 14620-4 en
Design and manufacture of site built, vertical, cylindrical, flat-bottomed tank systems for the storage of refrigerated, liquefied gases with operating temperatures between 0 °C and -196 °C – Part 4: Insulation components

HZN/TO 539, Kemijski dezinficijensi i antiseptici

EN 17122:2019/prA1 en
Chemical disinfectants and antiseptics – Quantitative non-porous surface test for the evaluation of virucidal activity of chemical disinfectants and antiseptics used in the veterinary area – Test method and requirements – Phase 2, step 2
Kemijski dezinficijensi i antiseptici – Kvantitativni test na neporoznoj površini za procjenu virucidne djelotvornosti kemijskih dezinficijensa i antiseptika koji se upotrebljavaju u veterinarstvu – Metoda ispitivanja i zahtjevi – Faza 2, korak 2

HZN/TO 541, Sustavi grijanja, ventilacije i klimatizacije u građevinama

prEN 17956 en
Heating systems and water based cooling systems in buildings – Energy efficiency classes for technical insulation systems – Calculation method and applications
Sustavi grijanja i sustavi hlađenja vodom u zgradama – Razredi energetske učinkovitosti za tehničke izolacijske sustave – Metoda proračuna i primjene

HZN/TO 546, Očuvanje kulturne baštine

prEN 15999-1 en
Conservation of cultural heritage – Guidelines for design of showcases for exhibition and preservation of objects – Part 1: General instructions
Očuvanje kulturne baštine – Smjernice za izradu vitrina za izlaganje i zaštitu predmeta – 1. dio: Opći zahtjevi

prEN 15999-2 en
Conservation of cultural heritage – Guidelines for design of showcases for exhibition and preservation of objects – Part 2: Technical aspects
Očuvanje kulturne baštine – Smjernice za izradu vitrina za izlaganje i zaštitu predmeta – 1. dio: Tehnički aspekti

HZN/TO 548, Konstrukcijski eurokodovi

prEN 1991-1-1 en
Eurocode 1 – Actions on structures – Part 1-1: Specific weight of materials, self-weight of construction works and imposed loads on buildings

prEN 1991-1-3 en
Eurocode 1 – Actions on structures – Part 1-3: Snow loads
Eurokod 1 – Djelovanja na konstrukcije – Dio 1-3: Opterećenja snijegom

prEN 1991-1-5 en
Eurocode 1 – Actions on structures – Part 1-5: Thermal actions
Eurokod 1 – Djelovanja na konstrukcije – Dio 1-5: Toplinska djelovanja

prEN 1991-1-9 en
Eurocode 1 – Actions on structures – Part 1-9: General actions – Atmospheric icing

prEN 1993-1-10 en
Eurocode 3: Design of steel structures – Part 1-10: Material toughness and through-thickness properties
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-10: Žilavost materijala i svojstva po debljini

prEN 1993-1-4 en
Eurocode 3 – Design of steel structures – Part 1-4: Stainless steel structures

prEN 1993-1-6 en
Eurocode 3 – Design of steel structures – Part 1-6: Strength and Stability of Shell Structures
Eurokod 3 – Projektiranje čeličnih konstrukcija – Dio 1-6: Čvrstoća i stabilnost ljuskastih konstrukcija

prEN 1993-1-7 en
Eurocode 3 – Design of steel structures – Part 1-7: Plate assemblies with elements under transverse loads

prEN 1993-1-9 en
Eurocode 3: Design of steel structures – Part 1-9: Fatigue
Eurokod 3: Projektiranje čeličnih konstrukcija – Dio 1-9: Zamor

prEN 1998-2 en
Eurocode 8 – Design of structures for earthquake resistance – Part 2: Bridges
Eurokod 8 – Projektiranje potresne otpornosti konstrukcija – 2. dio: Mostovi

HZN/TO 551, *Gradnja*

prEN ISO 10563 en
Building and civil engineering sealants – Determination of change in mass and volume (ISO/FDIS 10563:2023)
Brtvila u graditeljstvu – Određivanje promjene mase i obujma (ISO/FDIS 10563:2023)

prEN ISO 16739-1 en
Industry Foundation Classes (IFC) for data sharing in the construction and facility management industries – Part 1: Data schema (ISO/DIS 16739-1:2023)
Industry Foundation Classes (IFC) za razmjenu podataka u građevinskoj industriji i industriji upravljanja održavanjem građevina – 1. dio: Shema podataka (ISO/DIS 16739-1:2023)

HZN/TO 555, *Medicinski proizvodi*

prEN ISO 13004 en
Sterilization of health care products – Radiation – Substantiation of selected sterilization dose: Method VmaxSD (ISO 13004:2022)
Sterilizacija proizvoda za zdravstvenu skrb – Zračenje – Potvrđivanje izabrane doze za sterilizaciju: Metoda VmaxSD (ISO 13004:2022)

prEN 17180 en
Sterilizers for medical purposes – Low temperature vapourized hydrogen peroxide sterilizers – Requirements and testing
Sterilizatori za medicinsku uporabu – Niskotemperaturna sterilizacija uparenim vodikovim peroksidom – Zahtjevi i ispitivanje

HZN/TO 559, *Zaporni, regulacijski i sigurnosni uređaji*

prEN 17955 en
Industrial valves – Functional safety of safety-related valves and actuators
Industrijski zaporni uređaji – Funkcionalna sigurnost sigurnosnih zapornih uređaja i pokretača

HZN/TO 561, *Kotlovi, posude pod tlakom, cjevovodi i plinske boce*

prEN ISO 10297 en
Gas cylinders – Cylinder valves – Specification and type testing (ISO/DIS 10297:2023)
Plinske boce – Ventili boca – Specifikacija i ispitivanje tipa (ISO/DIS 10297:2023)

prEN ISO 22435 en
Gas cylinders – Cylinder valves with integrated pressure regulators – Specification and type testing (ISO/DIS 22435:2023)
Plinske boce – Ventili za boce s regulatorom tlaka – Specifikacija i ispitivanje tipa (ISO/DIS 22435:2023)

HZN/TO 568, *Analiza hrane – horizontalne metode, mikrobiologija, posuđe i pribor u kontaktu s hranom*

ISO 6486-2:1999 en
Ceramic ware, glass-ceramic ware and glass dinnerware in contact with food – Release of lead and cadmium – Part 2: Permissible limits
Keramičko posuđe, staklokeramičko posuđe i stakleno posuđe u dodiru s hranom – Otpuštanje olova i kadmija – 2. dio: Dopuštene granice

ISO 16578:2022 en
Molecular biomarker analysis – Requirements for microarray detection of specific nucleic acid sequences
Analiza molekularnih biomarkera – Zahtjevi za dokazivanje sekvenci specifičnih nukleinskih kiselina tehnikom sljedova na mikročipu („microarray“ tehnika)

prEN 17958 en
Food authenticity – Determination of the d13C value of mono- (fructose and glucose), di-, and trisaccharides in honey by liquid chromatography-isotope ratio mass spectrometry (LC-IRMS)
Izornost hrane – Određivanje d13C vrijednosti mono- (fruktoze i glukoze), di- i trisaharida u medu tehnikom tekućinske kromatografije spregnute sa spektrometrijom masa omjera stabilnih izotopa (LC-IRMS)

HZN/TO 569, *Hrana za životinje*

prEN ISO 30024 en
Animal feeding stuffs – Determination of phytase activity (ISO/DIS 30024:2023)
Hrana za životinje – Određivanje aktivnosti fitaze (ISO/DIS 30024:2023)

HZN/TO 571, *Sport, igrališta i ostali rekreacijski sadržaji i oprema*

prEN 915 en
Gymnastic equipment – Asymmetric bars – Requirements and test methods including safety
Gimnastička oprema – Dvovisinske ruče – Zahtjevi i metode ispitivanja uključujući sigurnost

prEN 17961 en
Mountaineering equipment – Load sharing devices – Safety requirements and test methods
Planinarska oprema – Uređaji za raspoređivanje tereta – Sigurnosni zahtjevi i metode ispitivanja

HZN/TO 574, *Sustavi upravljanja kvalitetom, rizicima, vrijednostima i inovacijama*

prEN ISO 56008 en
Innovation management – Tools and methods for innovation operation measurements – Guidance (ISO/DIS 56008:2023)

HZN/TO 577, *Metode ispitivanja za karakterizaciju krutih i tekućih sastavnica i opterećenja okoliša*

prEN ISO 11074 en
Soil quality – Vocabulary (ISO/DIS 11074:2023)
Kvaliteta tla – Terminološki rječnik (ISO/DIS 11074:2023)

HZN/TO 579, *Robotika, sustavi automatizacije i integracije*

prEN ISO/IEC 22989 en
Information technology – Artificial intelligence – Artificial intelligence concepts and terminology (ISO/IEC 22989:2022)
Informacijska tehnologija – Umjetna inteligencija – Pojmovi i nazivlje umjetne inteligencije (ISO/IEC 22989:2022)

prEN ISO/IEC 23053 en
Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML) (ISO/IEC 23053:2022)
Okvir za sustave umjetne inteligencije (AI) utemeljene na strojnom učenju (ML) (ISO/IEC 23053:2022)

HZN/TO 582, *Informacijska sigurnost i upravljanje kontinuitetom poslovanja*

ISO/IEC 11770-3:2021 en
Information security – Key management – Part 3: Mechanisms using asymmetric techniques
Informacijska sigurnost – Upravljanje ključem – 3. dio: Mehanizmi korištenja asimetričnih tehnika

ISO/IEC 18014-2:2021 en
Information security – Time-stamping services – Part 2: Mechanisms producing independent tokens
Informacijska sigurnost – Usluge stavljanja vremenskog žiga – 2. dio: Mehanizmi koji stvaraju neovisne oznake

ISO/IEC 18033-1:2021 en
Information security – Encryption algorithms – Part 1: General
Informacijska sigurnost – Algoritmi šifriranja – 1. dio: Općenito

ISO/IEC 27005:2022 en
Information security, cybersecurity and privacy protection – Guidance on managing information security risks
Informacijska sigurnost, kibernetička sigurnost i zaštita privatnosti – Smjernice za upravljanje rizikom informacijske sigurnosti

HZN/TO E9, *Električna oprema za željeznicu*

EN 50126-1:2017/prA1 en
Railway Applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 1: Generic RAMS Process
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 1. dio: Generički postupak RAMS-a

EN 50126-2:2017/prA1 en

Railway Applications – The Specification and Demonstration of Reliability, Availability, Maintainability and Safety (RAMS) – Part 2: Systems Approach to Safety
Željeznički sustav – Specifikacija i prikaz pouzdanosti, raspoloživosti, mogućnosti održavanja i sigurnosti (RAMS) – 2. dio: Sustavni pristup sigurnosti

HZN/TO E10, Fluidi za primjenu u elektrotehnici

prEN IEC 60567:2023 en

Oil-filled electrical equipment – Sampling of free gases and analysis of free and dissolved gases – Guidance (IEC 60567 ED5)
Električna oprema punjena uljem – Uzimanje uzoraka slobodnih plinova i analiza slobodnih i otopljenih plinova – Uputa (IEC 60567 ED5)

HZN/TO E20, Električni kabeli

EN 60811-201:2012/prA2:2023 en

Electric and optical fibre cables – Test methods for non-metallic materials – Part 201: General tests – Measurement of insulation thickness (IEC 60811-201/am2 ED1)
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 201. dio: Općenita ispitivanja – Ispitivanje debljine izolacije (IEC 60811-201/am2 ED1)

EN 60811-508:2012/prA2:2023 en

Electric and optical fibre cables – Test methods for non-metallic materials – Part 508: Mechanical tests – Pressure test at high temperature for insulation and sheaths (IEC 60811-508/am2 ED1)
Električni i svjetlovodni kabeli – Metode ispitivanja za nemetalne materijale – 508. dio: Mehanička ispitivanja – Ispitivanje na tlak kod visokih temperatura za izolacije i plašteve (IEC 60811-508/am2 ED1)

HZN/TO E22, Energetska elektronika

prEN IEC 62909-3:2023 en

Bi-directional grid connected power converters – Part 3: EMC requirements and test methods (IEC 62909-3 ED1)
Energetski pretvarači spojeni na dvosmjerne mreže – 3. dio: Zahtjevi za elektromagnetsku kompatibilnost i metode ispitivanja (IEC 62909-3 ED1)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

EN IEC 60809:2021/prA1:2023 en

Lamps and light sources for road vehicles – Dimensional, electrical and luminous requirements (IEC 60809/AMD1 ED4)
Žarulje i izvori svjetla za cestovna vozila – Zahtjevi za dimenzije, električni i svjetlosni zahtjevi (IEC 60809/AMD1 ED4)

prEN IEC 61347-1:2023 en

Controlgear for electric light sources – Safety – Part 1: General requirements (IEC 61347-1 ED4)
Predspojne naprave za električne izvore svjetla – Sigurnost – 1. dio: Opći zahtjevi (IEC 61347-1 ED4)

HZN/TO E64, Električne instalacije i zaštita od električnog udara

HD 60364-5-52:2011/prA1:2023 en

Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems (IEC 60364-5-52/am1 ED3)
Niskonaponske električne instalacije – Dio 5-52: Odabir i ugradnja električne opreme – Sustavi razvođenja (IEC 60364-5-52/am1 ED3)

HZN/TO E65, Mjerenje, vođenje i automatizacija industrijskih procesa

EN IEC 61918:2018/prA2:2023 en

Industrial communication networks – Installation of communication networks in industrial premises (IEC 61918/am2 ED4)
Industrijske komunikacijske mreže – Instalacija komunikacijskih mreža u industrijskim uvjetima (IEC 61918/am2 ED4)

HZN/TO E72, Naprave za automatsko upravljanje u kućanstvu

prEN IEC 60730-1:2022/prAA en

Automatic electrical controls – Part 1: General requirements
Električne naprave za automatsko upravljanje – 1. dio: Opći zahtjevi

HZN/TO E79, Alarmni sustavi

prEN 50726-1 en

Emergency and danger systems – Part 1: Emergency and danger response systems (EDRS) – Basic requirements, duties, responsibilities and activities

HZN/TO E112, Procjena i značajke električnih izolacijskih materijala i sustava

prEN IEC 62631-2-3:2023 en

Dielectric and resistive properties of solid insulating materials – Part 2-3: Determination of relative permittivity and dielectric dissipation factor (AC methods) – Contact electrode method for insulating films (IEC 62631-2-3 ED1)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

EN IEC 61000-3-2:2019/prA2:2023 en

Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) (IEC 61000-3-2/am2 ED5)
Elektromagnetska kompatibilnost (EMC) – Dio 3-2: Granice – Granice za harmoničke strujne emisije (za ulazne struje uređaja ≤ 16 A po fazi) (IEC 61000-3-2/am2 ED5)

EN 61000-3-3:2013/prAA en

Electromagnetic compatibility (EMC) – Part 3: Limits – Section 3: Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current ≤ 16 A

HZN/TO T4, Normizacija u telekomunikacijama

Draft EN 303 661 V1.1.0:2023 en

Short Range Devices (SRD) – Ground Based Synthetic Aperture Radar (GBSAR) in the frequency range 17,1 GHz to 17,3 GHz and High Definition Ground Based Synthetic Aperture Radar (HD-GBSAR) in the frequency range 76 GHz to 77 GHz – Harmonised Standard for access to radio spectrum
Uređaji kratkoga dometa (SRD) – Zemaljski radar sa sintetskim otvorom (GBSAR) u frekventijskom području od 17,1 GHz do 17,3 GHz i zemaljski radar visoke razlučivosti sa sintetskim otvorom (HD-GBSAR) u frekventijskom području od 76 GHz do 77 GHz – Harmonizirana norma za pristup radijskom spektru

HZN/TU A1, Usluge, proizvodi za kućanstvo i slobodno vrijeme 1

prEN 13329 en

Laminate floor coverings – Specifications, requirements and test methods
Laminatne podne obloge – Specifikacije, zahtjevi i ispitne metode

prEN 17957 en

Vapour products – Vaping regime for products intended to be used for direct to lung inhalation
Proizvodi za udisanje para iz e-tekućina – Postupak parenja za proizvode koji su namijenjeni za udisanje izravno u pluća

HZN/TU C1, Kemikalije, kemijsko inženjerstvo, poljoprivredni i prehrambeni proizvodi 1

prEN ISO 1247-1 en

Aluminium pigments for paints – Part 1: General aluminium pigments (ISO 1247-1:2021)
Pigmenti aluminija za boje – 1. dio: Opći pigmenti aluminija (ISO 1247-1:2021)

prEN ISO 1247-2 en

Aluminium pigments for paints – Part 2: Vacuum metallized aluminium pigments (ISO 1247-2:2021)
Pigmenti aluminija za boje – 2. dio: Pigmenti aluminija metalizirani u vakuumu (ISO 1247-2:2021)

HZN/TU I2, Strojarstvo 2

prEN 12110-1 en

Tunnel boring machines – Air locks – Part 1: requirements for air locks utilising compressed air as the pressurising or breathing medium along with requirements for oxygen breathing systems for decompression purposes
Strojevi za bušenje tunela – Tlačne komore – 1. dio: Zahtjevi za tlačne komore koje se koriste komprimiranim zrakom kao medijem za održavanje tlaka ili disanje i zahtjevi za sustave za udisanje kisika za potrebe dekompresije

prEN 12110-2 en
Tunnel boring machines – Air locks – Part 2: Safety requirements for the use of non-air breathing mixtures and saturation techniques in personnel locks and for pressurised transfer shuttles
Strojevi za bušenje tunela – Tlačne komore – 2. dio: Sigurnosni zahtjevi za upotrebu smjese za disanje drukčijih od zraka i tehnika saturacije u komorama za osoblje i tlačnim vozilima za prijevoz osoba

prEN 16191 en
Tunnel boring machines – Safety requirements
Strojevi za bušenje tunela – Sigurnosni zahtjevi

HZN/TU N1, Nemetalni materijali 1

prEN ISO 2612 en
Analysis of natural gas – Biomethane – Determination of ammonia content by Tuneable Diode Laser Absorption Spectroscopy (ISO/DIS 2612:2023)

prEN ISO 2613-2 en
Analysis of natural gas – Biomethane – Part 2: Determination of siloxane content by gas chromatography ion mobility spectrometry (ISO/DIS 2613-2:2023)

HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1

prEN ISO 5832-1 en
Implants for surgery – Metallic materials – Part 1: Wrought stainless steel (ISO/DIS 5832-1:2023)
Kirurški implantati – Metalni materijali – 1. dio: Kovani nehrđajući čelik (ISO/DIS 5832-1:2023)

prEN ISO 5832-7 en
Implants for surgery – Metallic materials – Part 7: Forgeable and cold-formed cobalt-chromium-nickel-molybdenum-iron alloy (ISO/DIS 5832-7:2023)
Kirurški implantati – Metalni materijali – 7. dio: Legura kobalta, kroma, nikla, molibdena i željeza pogodna za kovanje i hladno oblikovanje (ISO/DIS 5832-7:2023)

HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1

prEN 1175 en
Safety of industrial trucks – Electrical/electronic requirements
Sigurnost industrijskih vozila – Zahtjevi s obzirom na električne/elektroničke instalacije

prEN 2591-403 en
Aerospace series – Elements of electrical and optical connection – Test methods – Part 403: Sinusoidal and random vibration
Zrakoplovstvo – Elementi električne i optičke veze – Metode ispitivanja – 403. dio: Sinusoidne i slučajne vibracije

prEN 2997-012 en
Aerospace series – Connectors, electrical, circular, coupled by threaded ring, fire-resistant or non fire-resistant, operating temperatures -65 °C to 175 °C continuous, 200 °C continuous, 260 °C peak – Part 012: Jam-nut for jam-nut receptacles – Product standard
Zrakoplovstvo – Spojnice, električne, kružne, opremljene s navojnim prstenom, otporne na vatru ili neotporne na vatru, radne temperature -65 °C do 175 °C neprekidno, 200 °C neprekidno, 260 °C vršno – Dio 012: Kontra matica za utičnice s kontra maticom – Norma za proizvod

prEN 3155-070 en
Aerospace series – Electrical contacts used in elements of connection – Part 070: Contacts, electrical, male, type A, crimp, class S – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 070: Kontakti, električni, muški, tip A, za krimpanje, razreda S – Norma za proizvod

prEN 3155-071 en
Aerospace series – Electrical contacts used in elements of connection – Part 071: Contacts, electrical, female, type A, crimp, class S – Product standard
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 071: Kontakti, električni, ženski, tip A, za krimpanje, razreda S – Norma za proizvod

prEN 3475-810 en
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 810: Structural return loss
Zrakoplovstvo – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 810. dio: Strukturni povratni gubici

prEN 4165-027 en
Aerospace series – Connector, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 027: Rack and panel rear mounted plug for 2 and 4 modules, series 3 – Product standard
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne – Stalna radna temperatura 175 °C – Dio 027: Utikač za priključnu ploču utaknutu u okvir ugrađen sa stražnje strane za 2 i 4 modula, serije 3 – Norma za proizvod

prEN 4681-002 en
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 002: General
Zrakoplovstvo – Kabeli, električni, opća namjena, s aluminijskim vodičem ili aluminijskim vodičem presvučenim bakrom – Dio 002: Općenito

prEN 4681-003 en
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 003: AD family, Single, UV laser printable – Product standard

prEN 4681-004 en
Aerospace series – Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium – Part 004: ADA family, Single and multicore assembly – Product standard

prEN 4908 en
Aerospace series – Hexavalent chromium free chemical conversion process of magnesium and magnesium alloys

prEN 9239 en
Aerospace series – Programme Management – Recommendations to implement risk management and opportunity management

HZN/TU V1, Elektronika 1

prEN IEC 60352-9:2023 en
Solderless connections – Part 9: Ultrasonically welded connections – General requirements, test methods and practical guidance (IEC 60352-9 ED1)

prEN IEC 60747-16-9:2023 en
Semiconductor devices – Part 16-9: Microwave integrated circuits – Phase shifters (IEC 60747-16-9 ED1)

prEN IEC 60794-1-212:2023 en
Optical fibre cables – Part 1-212: Generic specification – Basic optical cable test procedures – Environmental test methods – Temperature cycling with cable elements fixed at both ends, Method F12 (IEC 60794-1-212 ED1)

prEN IEC 60794-1-217:2023 en
Optical fibre cables – Part 1-217: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable shrinkage (fibre protrusion), Method F17 (IEC 60794-1-217 ED1)

prEN IEC 60794-1-307:2023 en
Optical fibre cables – Part 1-307: Generic specification – Basic optical cable test procedures – Cable element test methods – Tube kinking, method G7 (IEC 60794-1-307 ED1)

prEN IEC 61189-2-720:2023 en
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-720: Detection of defects in interconnection structures by measurement of capacitance (IEC 61189-2-720 ED1)

prEN IEC 61189-2-808:2023 en
Test methods for electrical materials, printed board and other interconnection structures and assemblies – Part 2-808: Thermal resistance of an assembly by thermal transient method (IEC 61189-2-808 ED1)

prEN IEC 61300-2-27:2023 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-27: Tests – Dust – Laminar flow (IEC 61300-2-27 ED2)

prEN IEC 61300-2-44:2023 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-44: Tests – Flexing of the strain relief of fibre optic devices and components (IEC 61300-2-44 ED4)

FprEN IEC 61730-2:2023 en
Photovoltaic (PV) module safety qualification – Part 2:
Requirements for testing (IEC 61730-2 ED3)
Svojstvo sigurnosti fotonaponskog (PV) modula – 2. dio:
Zahtjevi za ispitivanje (IEC 61730-2 ED3)

prEN IEC 62522:2023 en
Calibration of tuneable laser sources (IEC 62522 ED2)

prEN IEC 63267-2-1:2023 en
Fibre optic interconnecting devices and passive components
– Connector optical interfaces for enhanced macro bend
multimode fibres – Part 2-1: Connection parameters of
physically contacting 50 µm core diameter fibres – Non-
angled (IEC 63267-2-1 ED1)

HZN/TU W1, Energetska elektrotehnika 1

EN 60456:2016/prAB en
Clothes washing machines for household use – Methods of
measuring the performance
Perilice rublja za kućansku uporabu – Ispitne metode za
mjerjenje radnih značajka

prEN IEC 62282-8-201:2023 en
Fuel cell technologies – Part 8-201: Energy storage systems
using fuel cell modules in reverse mode – Test procedures
for the performance of power-to-power systems (IEC 62282-
8-201 ED2)
Tehnologija gorivih članaka – Dio 8-201: Sustavi za pohranu
energije koji koriste gorive članke u reverznom načinu rada
– Postupci ispitivanja značajki sustava za pretvorbu energije
(IEC 62282-8-201 ED2)

prEN IEC 62933-4-4:2023 en
Electrical energy storage (EES) systems – Part 4-4: Standard
on environmental issues battery-based energy storage
systems (BESS) with reused batteries – Requirements (IEC
62933-4-4 ED1)
Sustavi za pohranu električne energije (EES) – Dio 4-4:
Norma za ekološke probleme sustava za pohranu energije
baziranih na baterijama (BESS) s ponovno upotrijebljenim
baterijama – Zahtjevi (IEC 62933-4-4 ED1)

1.4 Povučene hrvatske norme

Na prijedlog tehničkog odbora ravnatelj Hrvatskoga zavoda za
norme donosi odluku o povlačenju hrvatske norme kada je donesena
nova hrvatska norma ili kada je postojeća hrvatska norma postala
neprimjenjiva.

Kada je koje područje uređeno propisima i neki od propisa (pravilnik,
naredba, naputak) upućuje na norme koje su povučene, one se
primjenjuju silom tih propisa i bit će, do izmjene propisa ili izradbe
novih, na raspolaganju u Normoteci HZN-a.

HZN/TO 8, Brodogradnja

HRN EN 13281:2004 en
Plovila unutarnje plovidbe – Zahtjevi za sigurnost za prolaze i
radna mjesta (EN 13281:2000)
Inland navigation vessels – Safety requirements for walkways
and working places (EN 13281:2000)
- zamijenjena s: HRN EN 13281:2023

HZN/TO 25, Ljevarstvo

HRN EN ISO 8062-3:2008 en
Geometrijske specifikacije proizvoda (GPS) – Dopuštena
odstupanja mjera i oblika dijelova oblikovanih u kalupima
– 3. dio: Opća dopuštena odstupanja mjera i oblika i
dodaci za strojnu obradu odljevaka (ISO 8062-3:2007;
EN ISO 8062-3:2007)
Geometrical Product Specifications (GPS) – Dimensional
and geometrical tolerances for moulded parts – Part 3:
General dimensional and geometrical tolerances and
machining allowances for castings (ISO 8062-3:2007;
EN ISO 8062-3:2007)
- zamijenjena s: HRN EN ISO 8062-3:2023

HRN EN ISO 8062-3:2008/Ispr.1:2009 en
Geometrijske specifikacije proizvoda (GPS) – Dopuštena
odstupanja mjera i oblika dijelova oblikovanih u kalupima
– 3. dio: Opća dopuštena odstupanja mjera i oblika i
dodaci za strojnu obradu odljevaka (ISO 8062-3:2007/Cor 1:2009;
EN ISO 8062-3:2007/AC:2009)
Geometrical Product Specifications (GPS) – Dimensional
and geometrical tolerances for moulded parts – Part 3: General
dimensional and geometrical tolerances and machining
allowances for castings (ISO 8062-3:2007/Cor 1:2009;
EN ISO 8062-3:2007/AC:2009)
- zamijenjena s: HRN EN ISO 8062-3:2023

HZN/TO 34, Poljoprivredni i prehrambeni proizvodi

HRN EN ISO 734:2016 en
Uljane pogače i sačme – Određivanje količine ulja – Metoda
ekstrakcije heksanom (ili petroleterom) (ISO 734:2015;
EN ISO 734:2015)
Oilseed meals – Determination of oil content – Extraction method
with hexane (or light petroleum) (ISO 734:2015; EN ISO 734:2015)
- zamijenjena s: HRN EN ISO 734:2023

HRN EN ISO 2171:2010 en
Žitarice – Određivanje ukupnog pepela spaljivanjem
(ISO 2171:2007; EN ISO 2171:2010)
Cereals, pulses and by-products – Determination of ash yield
by incineration (ISO 2171:2007; EN ISO 2171:2010)
- zamijenjena s: HRN EN ISO 2171:2023

HZN/TO 44, Zavarivanje i srodni postupci

HRN EN ISO 15610:2004 en
Specifikacija i kvalifikacija postupaka zavarivanja za metalne
materijale – Kvalifikacija na osnovi ispitanih dodatnih i
potrošnih materijala za zavarivanje (ISO 15610:2003;
EN ISO 15610:2003)
Specification and qualification of welding procedures for
metallic materials – Qualification based on tested welding
consumables (ISO 15610:2003; EN ISO 15610:2003)
- zamijenjena s: HRN EN ISO 15610:2023

HZN/TO 69, Primjena statističkih metoda

HRN ISO 13528:2017 en
Statističke metode pri ispitivanju sposobnosti putem
medulaboratorijske usporedbe (ISO 13528:2015, ispravljena
verzija 2016-10-15)
Statistical methods for use in proficiency testing by
interlaboratory comparison (ISO 13528:2015, Corrected
version 2016-10-15)
- zamijenjena s: HRN ISO 13528:2023

HZN/TO 120, Koža i obuća

HRN EN ISO 2418:2017 en
Koža – Kemijska, fizikalna i mehanička ispitivanja i ispitivanja postojanosti – Mjesto uzorkovanja (ISO 2418:2017; EN ISO 2418:2017)
Leather – Chemical, physical and mechanical and fastness test – Sampling location (ISO 2418:2017; EN ISO 2418:2017)
- zamijenjena s: HRN EN ISO 2418:2023

HRN EN ISO 14268:2012 en
Koža – Fizikalna i mehanička ispitivanja – Određivanje propusnosti vodene pare (ISO 14268:2012; EN ISO 14268:2012)
Leather – Physical and mechanical tests – Determination of water vapour permeability (ISO 14268:2012; EN ISO 14268:2012)
- zamijenjena s: HRN EN ISO 14268:2023

HZN/TO 181, Sigurnost igračka i proizvodi za djecu

HRN EN 12790:2010 en
Proizvodi za dojenčad i malu djecu – Ležaljke (EN 12790:2009)
Child use and care articles – Reclined cradles (EN 12790:2009)
- zamijenjena s: HRN EN 12790-1:2023

HZN/TO 218, Drvo

HRN EN 460:2005 en
Trajnost drva i proizvoda na osnovi drva – Prirodna trajnost masivnog drva – Upute za određivanje zahtjeva za trajnost drva u odnosu na razrede opasnosti (EN 460:1994)
Durability of wood and wood based products – Natural durability of solid wood – Guide to the durability requirements for wood to be used in hazard classes (EN 460:1994)
- zamijenjena s: HRN EN 460:2023

HZN/TO 221, Geosintetici

HRN EN 16416:2013 en
Glinene geosintetičke barijere – Određivanje indeksa protoka vode – Metoda mjerenja propusnosti u uređaju s elastičnim stijenkama pri konstantnom potencijalu (EN 16416:2013)
Geosynthetic clay barriers – Determination of water flux index – Flexible wall permeameter method at constant head (EN 16416:2013)
- zamijenjena s: HRN EN 16416:2023

HZN/TO 503, Metalni materijali

HRN EN 10248-1:2000 en
Toplo valjano žmurje od nelegiranih čelika – 1. dio: Tehnički uvjeti isporuke (EN 10248-1:1995)
Hot rolled sheet piling of non alloy steels – Part 1: Technical delivery conditions (EN 10248-1:1995)
- zamijenjena s: HRN EN 10248-1:2023

HRN EN 14242:2008 en
Aluminij i aluminijeve legure – Kemijska analiza – Optička emisijska spektralna analiza s induktivnom spregnutom plazmom (EN 14242:2004)
Aluminium and aluminium alloys – Chemical analysis – Inductively coupled plasma optical emission spectral analysis (EN 14242:2004)
- zamijenjena s: HRN EN 14242:2023

HZN/TO 505, Prijenos i distribucija plina

HRN EN 15001-1:2010 en
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 1. dio: Detaljni funkcionalni zahtjevi za projektiranje, materijale, konstrukciju, nadzor i ispitivanje (EN 15001-1:2009)
Gas Infrastructure – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 1: Detailed functional requirements for design, materials, construction, inspection and testing (EN 15001-1:2009)
- zamijenjena s: HRN EN 15001-1:2023

HRN EN 15001-2:2010 en
Plinska infrastruktura – Plinske instalacije za radni tlak veći od 0,5 bar za industrijske instalacije i za tlak veći od 5 bar za industrijske i neindustrijske instalacije – 2. dio: Detaljni funkcionalni zahtjevi za probni rad i održavanje (EN 15001-2:2008)
Gas infrastructure – Gas installation pipework with an operating pressure greater than 0,5 bar for industrial installations and greater than 5 bar for industrial and non-industrial installations – Part 2: Detailed functional requirements for commissioning, operation and maintenance (EN 15001-2:2008)
- zamijenjena s: HRN EN 15001-2:2023

HZN/TO 530, Remenski prijenosi, čelična užad, lanci, kuke za dizalice, trake, omče i pribor

HRN EN ISO 583:2008 en
Conveyor belts with a textile carcass – Total belt thickness and thickness of constitutive elements – Test methods (ISO 583:2007; EN ISO 583:2007)
- zamijenjena s: HRN EN ISO 583:2023

HZN/TO 531, Plastika i guma

HRN EN ISO 293:2008 en
Plastika – Izravno prešani plastomerni ispitci (ISO 293:2004; EN ISO 293:2005)
Plastics – Compression moulding of test specimens of thermoplastic materials (ISO 293:2004; EN ISO 293:2005)
- zamijenjena s: HRN EN ISO 293:2023

HRN EN ISO 11357-1:2016 en
Plastika – Diferencijalna pretražna kalorimetrija (DSC) – 1. dio: Opća načela (ISO 11357-1:2016; EN ISO 11357-1:2016)
Plastics – Differential scanning calorimetry (DSC) – Part 1: General principles (ISO 11357-1:2016; EN ISO 11357-1:2016)
- zamijenjena s: HRN EN ISO 11357-1:2023

HZN/TO 533, Kolničke konstrukcije

HRN EN ISO 11819-1:2004 en
Akustika – Mjerenje utjecaja površine ceste na buku prometa – 1. dio: Statistička metoda prolaženjem (ISO 11819-1:1997; EN ISO 11819-1:2001)
Acoustics – Measurement of the influence of road surfaces on traffic noise – Part 1: Statistical Pass-By method (ISO 11819-1:1997; EN ISO 11819-1:2001)
- zamijenjena s: HRN EN ISO 11819-1:2023

HZN/TO 550, Opskrba vodom

HRN EN 888:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezov (III) klorid (EN 888:2004)
Chemicals used for treatment of water intended for human consumption – Iron (III) chloride (EN 888:2004)
- zamijenjena s: HRN EN 888:2023

HRN EN 889:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezov (II) sulfat (EN 889:2004)
Chemicals used for treatment of water intended for human consumption – Iron (II) sulfate (EN 889:2004)
- zamijenjena s: HRN EN 889:2023

HRN EN 890:2012 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Otopina željezo (III) sulfata (EN 890:2012)
Chemicals used for treatment of water intended for human consumption – Iron (III) sulfate solution (EN 890:2012)
- zamijenjena s: HRN EN 890:2023

HRN EN 891:2007 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Željezov (III) klorid sulfat (EN 891:2004)
Chemicals used for treatment of water intended for human consumption – Iron (III) chloride sulfate (EN 891:2004)
- zamijenjena s: HRN EN 891:2023

HRN EN 12729:2008 en
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnog toka – Regulirajući zapornik povratnog toka sa zonom smanjenog tlaka – Skupina B – Tip A (EN 12729:2002)
Devices to prevent pollution by backflow of potable water – Controllable backflow preventer with reduced pressure zone – Family B – Type A (EN 12729:2002)
- zamijenjena s: HRN EN 12729:2023

HRN EN 13077:2018 en
Uređaji za sprečavanje onečišćenja vode za piće zbog povratnog toka – Zračni razmak (neograničeni) za preljev koji nije kružnog oblika – Skupina A – Tip B (EN 13077:2018)
Devices to prevent pollution by backflow of potable water – Air gap with non-circular overflow (unrestricted) – Family A – Type B (EN 13077:2018)
- zamijenjena s: HRN EN 13077:2023

HZN/TO 554, Obrada otpadnih voda

HRN EN 12255-4:2002 en
Uređaji za pročišćivanje otpadnih voda – 4. dio: Primarno taloženje (EN 12255-4:2002)
Wastewater treatment plants – Part 4: Primary settlement (EN 12255-4:2002)
- zamijenjena s: HRN EN 12255-4:2023

HZN/TO 555, Medicinski proizvodi

HRN EN ISO 10993-10:2013 en
Biološka procjena medicinskih proizvoda – 10. dio: Ispitivanja za iritaciju i osjetljivost kože (ISO 10993-10:2010; EN ISO 10993-10:2013)
Biological evaluation of medical devices – Part 10: Tests for irritation and skin sensitization (ISO 10993-10:2010; EN ISO 10993-10:2013)
- zamijenjena s: HRN EN ISO 10993-10:2023

HZN/TO 566, Mlijeko i mliječni proizvodi

HRN ISO 8196-3:2010 en
Mlijeko – Definicija i procjena ukupne točnosti alternativnih metoda analize mlijeka – 3. dio: Protokol za procjenu i validaciju alternativnih kvantitativnih metoda analize mlijeka (ISO 8196-3:2009)
Milk – Definition and evaluation of the overall accuracy of alternative methods of milk analysis – Part 3: Protocol for the evaluation and validation of alternative quantitative methods of milk analysis (ISO 8196-3:2009)
- zamijenjena s: HRN ISO 8196-3:2023

HRN ISO/TS 17996:2007 en
Sir – Određivanje reoloških svojstava jednoosnom kompresijom pri konstantnom pomicanju (ISO/TS 17996:2006)
Cheese – Determination of rheological properties by uniaxial compression at constant displacement rate (ISO/TS 17996:2006)
- zamijenjena s: HRS ISO/TS 17996:2023

HZN/TO 568, Analiza hrane – horizontalne metode, mikrobiologija, posuđe i pribor u kontaktu s hranom

HRN EN 12983-1/A1:2005 en
Posuđe za kuhanje hrane – Kuhinjsko posuđe za kuhanje na peći, štednjaku ili ploči na kaminu – 1. dio: Opći zahtjevi (EN 12983-1:2000/A1:2004)
Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 1: General requirements (EN 12983-1:2000/A1:2004)
- zamijenjena s: HRN EN 12983-1:2023

HRN EN 12983-1:2003 en
Posuđe – Kuhinjsko posuđe za kuhanje na peći ili štednjaku – 1. dio: Opći zahtjevi (EN 12983-1:2000)
Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 1: General requirements (EN 12983-1:2000)
- zamijenjena s: HRN EN 12983-1:2023

HRN EN 12983-1:2003/Ispr.1:2008 en
Posuđe – Kuhinjsko posuđe za kuhanje na peći ili štednjaku – 1. dio: Opći zahtjevi (EN 12983-1:2000/AC:2008)
Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 1: General requirements (EN 12983-1:2000/AC:2008)
- zamijenjena s: HRN EN 12983-1:2023

HRN CEN/TS 12983-2:2005 en
Posuđe za kuhanje hrane – Kuhinjsko posuđe za kuhanje na peći, štednjaku ili ploči na kaminu – 2. dio: Ostali opći i posebni zahtjevi za keramičko, stakleno i stakleno keramičko posuđe (CEN/TS 12983-2:2005)
Cookware – Domestic cookware for use on top of a stove, cooker or hob – Part 2: Further general requirements and specific requirements for ceramic, glass and glass ceramic cookware (CEN/TS 12983-2:2005)
- zamijenjena s: HRN EN 12983-2:2023

HRN ISO 15213:2004 en
Mikrobiologija hrane i stočne hrane – Horizontalna metoda za brojenje sulfitireducirajućih bakterija u anaerobnim uvjetima (ISO 15213:2003)
Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of sulfite-reducing bacteria growing under anaerobic conditions (ISO 15213:2003)
- zamijenjena s: HRN EN ISO 15213-1:2023

HZN/TU C1, Kemikalije, kemijsko inženjerstvo, poljoprivredni i prehrambeni proizvodi 1

HRN EN 301:2017 en
Fenolni i aminoplastični adhezivi za nosive drvene konstrukcije – Klasifikacija i zahtjevi izvedbe (EN 301:2017)
Adhesives, phenolic and aminoplastic, for load-bearing timber structures – Classification and performance requirements (EN 301:2017)
- zamijenjena s: HRN EN 301:2023

HRN EN 302-1:2013 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 1. dio: Određivanje uzdužne posmične čvrstoće (EN 302-1:2013)
Adhesives for load-bearing timber structures – Test methods – Part 1: Determination of longitudinal tensile shear strength (EN 302-1:2013)
- zamijenjena s: HRN EN 302-1:2023

HRN EN 302-2:2017 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 2. dio: Određivanje otpornosti na raslojavanje (EN 302-2:2017)
Adhesives for load-bearing timber structures – Test methods – Part 2: Determination of resistance to delamination (EN 302-2:2017)
- zamijenjena s: HRN EN 302-2:2023

HRN EN 302-3:2017 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 3. dio: Određivanje utjecaja oštećenja drvenih vlakana kiselinom na poprečnu posmičnu čvrstoću pri cikličnim promjenama temperature i vlažnosti (EN 302-3:2017)
Adhesives for load-bearing timber structures – Test methods – Part 3: Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength (EN 302-3:2017)
- zamijenjena s: HRN EN 302-3:2023

HRN EN 302-4:2013 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 4. dio: Određivanje učinaka promjene dimenzija drveta na posmičnu čvrstoću (EN 302-4:2013)
Adhesives for load-bearing timber structures – Test methods – Part 4: Determination of the effects of wood shrinkage on the shear strength (EN 302-4:2013)
- zamijenjena s: HRN EN 302-4:2023

HRN EN 302-5:2013 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 5. dio: Određivanje maksimalnog vremena sklapanja pri navedenim uvjetima (EN 302-5:2013)
Adhesives for load-bearing structures – Test methods – Part 5: Determination of maximum assembly time under referenced conditions (EN 302-5:2013)
- zamijenjena s: HRN EN 302-5:2023

HRN EN 302-6:2013 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 6. dio: Određivanje minimalnog vremena prešanja pri navedenim uvjetima (EN 302-6:2013)
Adhesives for load-bearing timber structures – Test methods – Part 6: Determination of the minimum pressing time under referenced conditions (EN 302-6:2013)
- zamijenjena s: HRN EN 302-6:2023

HRN EN 302-7:2013 en
Adhezivi za nosive drvene konstrukcije – Metode ispitivanja – 7. dio: Određivanje radnog vijeka pri navedenim uvjetima (EN 302-7:2013)
Adhesives for load-bearing timber structures – Test methods – Part 7: Determination of the working life under referenced conditions (EN 302-7:2013)
- zamijenjena s: HRN EN 302-7:2023

HRN EN ISO 1518-1:2019 en
Boje i lakovi – Određivanje otpornosti na grebjenje – 1. dio: Metoda konstantnog opterećenja (ISO 1518-1:2019; EN ISO 1518-1:2019)
Paints and varnishes – Determination of scratch resistance – Part 1: Constant-loading method (ISO 1518-1:2019; EN ISO 1518-1:2019)
- zamijenjena s: HRN EN ISO 1518-1:2023

HRN EN 1811:2015 en

Referentna metoda ispitivanja izlučivanja nikla iz svih dijelova koji se umeću u probušene dijelove ljudskoga tijela i predmeta koji su u izravnom i produženome kontaktu s ljudskom kožom (EN 1811:2011+A1:2015)
Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin (EN 1811:2011+A1:2015)
- zamijenjena s: HRN EN 1811:2023

HRN EN ISO 4618:2014 en

Boje i lakovi – Nazivi i definicije (ISO 4618:2014; EN ISO 4618:2014)
Paints and varnishes – Terms and definitions (ISO 4618:2014; EN ISO 4618:2014)
- zamijenjena s: HRN EN ISO 4618:2023

HRN EN ISO 7142:2008 en

Veziva za boje i lakove – Epoksidne smole – Opće metode ispitivanja (ISO 7142:2007; EN ISO 7142:2007)
Binders for paints and varnishes – Epoxy resins – General methods of test (ISO 7142:2007; EN ISO 7142:2007)
- zamijenjena s: HRN EN ISO 7142:2023

HRN EN ISO 7784-1:2016 en

Boje i lakovi – Određivanje otpornosti na habanje – 1. dio: Metoda s kotačima pokrivenim abrazivnim papirom i rotirajućim ispitnim uzorkom (ISO 7784-1:2016; EN ISO 7784-1:2016)
Paints and varnishes – Determination of resistance to abrasion – Part 1: Method with abrasive-paper covered wheels and rotating test specimen (ISO 7784-1:2016; EN ISO 7784-1:2016)
- zamijenjena s: HRN EN ISO 7784-1:2023

HRN EN ISO 7784-2:2016 en

Boje i lakovi – Određivanje otpornosti na habanje – 2. dio: Metoda s abrazivnim gumenim kotačima i rotirajućim ispitnim uzorkom (ISO 7784-2:2016; EN ISO 7784-2:2016)
Paints and varnishes – Determination of resistance to abrasion – Part 2: Method with abrasive rubber wheels and rotating test specimen (ISO 7784-2:2016; EN ISO 7784-2:2016)
- zamijenjena s: HRN EN ISO 7784-2:2023

HRN EN 15425:2017 en

Adhezivi – Jednokomponentni poliuretani za drvene strukture pod opterećenjem – Klasifikacija i zahtjevi graničnih svojstava uporabljivosti (EN 15425:2017)
Adhesives – One component polyurethane (PUR) for load-bearing timber structures – Classification and performance requirements (EN 15425:2017)
- zamijenjena s: HRN EN 15425:2023

HRN EN 16254:2016 en

Adhezivi – Polimerizirani izocijanati u emulziji za nosive drvene konstrukcije – Klasifikacija i zahtjevi izvedbe (EN 16254:2013+A1:2016)
Adhesives – Emulsion polymerized isocyanate (EPI) for load-bearing timber structures – Classification and performance requirements (EN 16254:2013+A1:2016)
- zamijenjena s: HRN EN 16254:2023

HZN/TU I2, Strojarstvo 2

HRN EN 15544:2010 en

Stabilne zidane peći sa kaljem i bez njega – Dimenzioniranje (EN 15544:2009)
One off Kachelgrundöfen/Putzgrundöfen (tiled/mortared stoves) – Dimensioning (EN 15544:2009)
- zamijenjena s: HRN EN 15544:2023

HZN/TU M1, Metalni materijali 1

HRN EN ISO 11490:2016 en

Nakit – Određivanje paladija u legurama paladija za nakit – Gravimetrijsko određivanje pomoću dimetilglioksima (ISO 11490:2015; EN ISO 11490:2016)
Jewellery – Determination of palladium in palladium jewellery alloys – Gravimetric determination with dimethylglyoxime (ISO 11490:2015; EN ISO 11490:2016)
- zamijenjena s: HRN EN ISO 11490:2023

HZN/TU S1, Zdravlje, okoliš i medicinska oprema 1

HRN EN ISO 3630-2:2013 en

Stomatologija – Endodontski instrumenti – 2. dio: Proširivači (ISO 3630-2:2013; EN ISO 3630-2:2013)
Dentistry – Endodontic instruments – Part 2: Enlargers (ISO 3630-2:2013; EN ISO 3630-2:2013)
- zamijenjena s: HRN EN ISO 3630-2:2023

HRN EN ISO 8536-2:2012 en

Oprema za infuziju za medicinsku primjenu – 2. dio: Zatvarači za boce za infuziju (ISO 8536-2:2010; EN ISO 8536-2:2010)
Infusion equipment for medical use – Part 2: Closures for infusion bottles (ISO 8536-2:2010; EN ISO 8536-2:2010)
- zamijenjena s: HRN EN ISO 8536-2:2023

HZN/TU T1, Prijevoz, rukovanje materijalima i pakiranje 1

HRN EN 2885:2008 en

Nizovi o zrakoplovstvu – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalnog struka grube tolerancije, kratki navoj, od legure čelika, prevučeni kadmijem – Klasifikacija: 900 MPa (pri temperaturi okoline)/235 °C (EN 2885:1996)
Aerospace series – Screws, pan head, offset cruciform recess, coarse tolerance normal shank, short thread, in alloy steel, cadmium plated – Classification: 900 MPa (at ambient temperature)/235 °C (EN 2885:1996)
- zamijenjena s: HRN EN 2885:2023

HRN EN 2886:2008 en

Nizovi o zrakoplovstvu – Vijci, s ravnom glavom, s ujednačenim križnim urezom, normalni struk uske tolerancije, kratki navoj, od legure čelika, prevučeni kadmijem – Klasifikacija: 900 MPa (pri temperaturi okoline)/235 °C (EN 2886:1996)
Aerospace series – Screws, pan head, offset cruciform recess, close tolerance normal shank, short thread, in alloy steel, cadmium plated – Classification: 900 MPa (at ambient temperature)/235 °C (EN 2886:1996)
- zamijenjena s: HRN EN 2886:2023

HRN EN 3475-505:2012 en

Nizovi o zrakoplovstvu – Električni kabeli za upotrebu u zrakoplovstvu – Metode ispitivanja – 505. dio: Ispitivanje zatezanjem vodiča i pramenova (EN 3475-505:2012)
Aerospace series – Cables, electrical, aircraft use – Test methods – Part 505: Tensile test on conductors and strands (EN 3475-505:2012)
- zamijenjena s: HRN EN 3475-505:2023

HRN EN ISO 3691-2:2016 en

Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 2. dio: Vozila na vlastiti pogon s promjenjivim dometom (ISO 3691-2:2016; EN ISO 3691-2:2016)
Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks (ISO 3691-2:2016; EN ISO 3691-2:2016)
- zamijenjena s: HRN EN ISO 3691-2:2023

HRN EN ISO 3691-2:2016/Ispr.1:2016 en

Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 2. dio: Vozila na vlastiti pogon s promjenjivim dometom (EN ISO 3691-2:2016/AC:2016)
Industrial trucks – Safety requirements and verification – Part 2: Self-propelled variable-reach trucks (EN ISO 3691-2:2016/AC:2016)
- zamijenjena s: HRN EN ISO 3691-2:2023

HRN EN 4650:2011 en

Nizovi o zrakoplovstvu – Procesi za označavanje žica i kabela, UV laser (EN 4650:2010)
Aerospace series – Wire and cable marking process, UV Laser (EN 4650:2010)
- zamijenjena s: HRN EN 4650:2023

1.6 Ispravci hrvatskih norma

U popisima hrvatskih norma objavljenim u ranijim brojevima službenog glasila potkrale su se pogreške. Niže navodimo ispravne oznake i naslove hrvatskih norma. Navedeni ispravci smatraju se službenom informacijom i nisu nužno uključeni u norme koje su prethodno objavljene.

HZN/ TO 537, Tehnički crteži, dimenzijske i geometrijske specifikacije, opis proizvoda i odgovarajuća dokumentacija

U HZN Glasilu 2/2022 povučena je hrvatska norma HRN EN ISO 12085:2008, jer je CEN povukao europsku normu EN ISO 12085:1997 i ispravak EN ISO 12085:1997/AC:2008.

S obzirom na to da je CEN reaktivirao europsku normu i ispravak (prema odluci CEN/BT C234/2022), odlučeno je da se reaktivira hrvatska norma HRN EN ISO 12085:2008 te ona ostaje na snazi kao hrvatska norma.

HZN/ TO 22, Cestovna vozila

- **umjesto**

HRN EN 13423:2021

Vozila na prirodni plin – Zahtjevi za radionice za vozila na prirodni plin (EN 13423:2021)
Natural gas vehicles – Requirements for NGV workshops and the management of compressed natural gas (CNG) vehicles (EN 13423:2021)

- **treba biti**

HRN EN 13423:2021

Vozila na prirodni plin – Zahtjevi za radionice za vozila na prirodni plin i postupanje s vozilima na stlačeni prirodni plin (SPP) (EN 13423:2021)
Natural gas vehicles – Requirements for NGV workshops and the management of compressed natural gas (CNG) vehicles (EN 13423:2021)

HZN/ TO 43, Akustika

- **umjesto**

HRN EN ISO 26101-1:2022

Akustika – Metode ispitivanja primjerenosti akustičkog okruženja – 1. dio: Primjerenost okruženja sa slobodnim zvučnim poljem (ISO 26101-1:2021; EN ISO 26101-1:2022)
Acoustics – Test methods for the qualification of the acoustic environment – Part 1: Qualification of free-field environments (ISO 26101-1:2021; EN ISO 26101-1:2022)

- **treba biti**

HRN EN ISO 26101-1:2022

Akustika – Metode ispitivanja primjerenosti akustičkog okoliša – 1. dio: Primjerenost okoliša sa slobodnim zvučnim poljem (ISO 26101-1:2021; EN ISO 26101-1:2022)
Acoustics – Test methods for the qualification of the acoustic environment – Part 1: Qualification of free-field environments (ISO 26101-1:2021; EN ISO 26101-1:2022)

- **umjesto**

HRN ISO 10847:2001

Akustika – Određivanje in-situ unesenoga gušenja vanjskih zvučnih barijera svih vrsta (ISO 10847:1997)
Acoustics – In-situ determination of insertion loss of outdoor noise barriers of all types (ISO 10847:1997)

- **treba biti**

HRN ISO 10847:2001

Akustika – Određivanje unesenoga gušenja vanjskih zvučnih barijera svih vrsta in-situ (ISO 10847:1997)
Acoustics – In-situ determination of insertion loss of outdoor noise barriers of all types (ISO 10847:1997)

HZN/ TO 44, Zavarivanje i srodni postupci

- **umjesto**

HRN EN ISO 17636-2:2022

Nerazorno ispitivanje zavara – Radiografsko ispitivanje – 2. dio: Tehnike snimanja rendgenom i izotopom primjenom digitalnih detektora (ISO 17636-2:2022; EN ISO 17636-2:2022)
Non-destructive testing of welds – Radiographic testing – Part 2: X- and gamma-ray techniques with digital detectors (ISO 17636-2:2022; EN ISO 17636-2:2022)

- **treba biti**

HRN EN ISO 17636-2:2022

Nerazorno ispitivanje zavara – Radiografsko ispitivanje – 2. dio: Tehnike snimanja rendgenom i izotopom primjenom digitalnih detektora (ISO 17636-2:2022, ispravljena verzija 2023-02; EN ISO 17636-2:2022)
Non-destructive testing of welds – Radiographic testing – Part 2: X- and gamma-ray techniques with digital detectors (ISO 17636-2:2022, Corrected version 2023-02; EN ISO 17636-2:2022)

HZN/ TO 544, Strojni elementi

- **umjesto**

HRN EN 15048-1:2016

Konstruktivski vijčani spojevi bez predopterećenja – 1. dio: Opći zahtjevi (EN 15048-1:2016)
Non-preloaded structural bolting assemblies – Part 1: General requirements (EN 15048-1:2016)

- **treba biti**

HRN EN 15048-1:2016

Garniture za konstruktivske vijčane spojeve bez predopterećenja – 1. dio: Opći zahtjevi (EN 15048-1:2016)
Non-preloaded structural bolting assemblies – Part 1: General requirements (EN 15048-1:2016)

- **umjesto**

HRN EN 15048-2:2016

Konstruktivski vijčani spojevi bez predopterećenja – 2. dio: Prikkladnost namjene (EN 15048-2:2016)
Non-preloaded structural bolting assemblies – Part 2: Fitness for purpose (EN 15048-2:2016)

- **treba biti**

HRN EN 15048-2:2016

Garniture za konstruktivske vijčane spojeve bez predopterećenja – 2. dio: Prikkladnost namjene (EN 15048-2:2016)
Non-preloaded structural bolting assemblies – Part 2: Fitness for purpose (EN 15048-2:2016)

1.7 Naslovi objavljenih hrvatskih norma na hrvatskome jeziku

Te su hrvatske norme ranije objavljene samo s naslovima na engleskome jeziku pa se sada objavljuju njihovi naslovi na hrvatskome jeziku.

HZN/ TU T1, *Prijevoz, rukovanje materijalima i pakiranje 1*

HRN EN ISO 3691-3:2017 en pr
Industrijska vozila – Sigurnosni zahtjevi i verifikacija – 3. dio: Dodatni zahtjevi za vozila s podiznim mjestom za rukovatelja i vozila posebno projektirana za kretanje s podignutim teretom (ISO 3691-3:2016; EN ISO 3691-3:2016)
Industrial trucks – Safety requirements and verification – Part 3: Additional requirements for trucks with elevating operator position and trucks specifically designed to travel with elevated loads (ISO 3691-3:2016; EN ISO 3691-3:2016)

HZN/ TU V1, *Elektronika 1*

HRN EN 61988-1:2012 en pr
Plazma zaslони – 1. dio: Terminologija i slovni simboli (IEC 61988-1:2011; EN 61988-1:2011)
Plasma display panels – Part 1: Terminology and letter symbols (IEC 61988-1:2011; EN 61988-1:2011)

HRN EN 61988-2-1:2012 en pr
Plazma zaslони – Dio 2-1: Metode mjerenja – Optičke i optoelektrične metode (IEC 61988-2-1:2012; EN 61988-2-1:2012)
Plasma display panels – Part 2-1: Measuring methods – Optical and optoelectrical (IEC 61988-2-1:2012; EN 61988-2-1:2012)

HRN EN 61988-2-3:2010 en pr
Plazma zaslони – Dio 2-3: Metode mjerenja – Kvaliteta slike: greške i gubitak kvalitete (IEC 61988-2-3:2009; EN 61988-2-3:2009)
Plasma display panels – Part 2-3: Measuring methods – Image quality: defects and degradation (IEC 61988-2-3:2009; EN 61988-2-3:2009)

HRN EN 61988-2-4:2012 en pr
Plazma zaslони – Dio 2-4: Metode mjerenja – Vizualna kvaliteta: artefakti slike (IEC 61988-2-4:2011; EN 61988-2-4:2011)
Plasma display panels – Part 2-4: Measuring methods – Visual quality: Image artifacts (IEC 61988-2-4:2011; EN 61988-2-4:2011)

HRN EN 61988-2-5:2014 en pr
Plazma zaslони – Dio 2-5: Metode mjerenja – Šum (IEC 61988-2-5:2012; EN 61988-2-5:2012)
Plasma display panels – Part 2-5: Measuring methods – Acoustic noise (IEC 61988-2-5:2012; EN 61988-2-5:2012)

HRN EN 61988-3-1:2008 en pr
Plazma zaslони – Dio 3-1: Mehaničko sučelje (IEC 61988-3-1:2005; EN 61988-3-1:2005)
Plasma display panels – Part 3-1: Mechanical interface (IEC 61988-3-1:2005; EN 61988-3-1:2005)

HRN EN 61988-3-2:2010 en pr
Plazma zaslони – Dio 3-2: Sučelje – Električno sučelje (IEC 61988-3-2:2009; EN 61988-3-2:2009)
Plasma display panels – Part 3-2: Interface – Electrical interface (IEC 61988-3-2:2009; EN 61988-3-2:2009)

HRN EN 61988-4:2008 en pr
Plazma zaslони – 4. dio: Klimatske i mehaničke metode ispitivanja (IEC 61988-4:2007; EN 61988-4:2007)
Plasma display panels – Part 4: Climatic and mechanical testing methods (IEC 61988-4:2007; EN 61988-4:2007)

HRN EN 61988-5:2010 en pr
Plazma zaslони – 5. dio: Opće specifikacije (IEC 61988-5:2009; EN 61988-5:2009)
Plasma display panels – Part 5: Generic specification (IEC 61988-5:2009; EN 61988-5:2009)

HRN EN IEC 62052-41:2022 en pr
Oprema za mjerenje električne energije – Opći zahtjevi, ispitivanja i uvjeti ispitivanja – 41. dio: Metode bilježenja energije i zahtjevi za višeeenergetska i višetarifna brojlja (IEC 62052-41:2022; EN IEC 62052-41:2022)
Electricity metering equipment – General requirements, tests and test conditions – Part 41: Energy registration methods and requirements for multi-energy and multi-rate meters (IEC 62052-41:2022; EN IEC 62052-41:2022)

HRN EN 50065-4-1:2008 en pr
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom opsegu 3 kHz do 148,5 kHz – Dio 4-1: Niskonaponski rastavni filtri – Opća specifikacija (EN 50065-4-1:2001)
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-1: Low voltage decoupling filters – Generic specification (EN 50065-4-1:2001)

HRN EN 50065-4-3:2008 en pr
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom opsegu 3 kHz do 148,5 kHz – Dio 4-3: Niskonaponski rastavni filtri – Ulazni filter (EN 50065-4-3:2003)
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-3: Low voltage decoupling filter – Incoming filter (EN 50065-4-3:2003)

HRN EN 50065-4-4:2008 en pr
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom opsegu 3 kHz do 148,5 kHz – Dio 4-4: Niskonaponski rastavni filtri – Filter impedancije (EN 50065-4-4:2003)
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-4: Low voltage decoupling filter – Impedance filter (EN 50065-4-4:2003)

HRN EN 50065-4-5:2008 en pr
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom opsegu 3 kHz do 148,5 kHz – Dio 4-5: Niskonaponski rastavni filtri – Filter za segmentaciju (EN 50065-4-5:2003)
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-5: Low voltage decoupling filter – Segmentation filter (EN 50065-4-5:2003)

HRN EN 50065-4-6:2008 en pr
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom opsegu 3 kHz do 148,5 kHz – Dio 4-6: Niskonaponski rastavni filtri – Fazna spojnica (EN 50065-4-6:2004)
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 4-6: Low voltage decoupling filters – Phase coupler (EN 50065-4-6:2004)

HRN EN 50065-7:2008 en pr
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom opsegu 3 kHz do 148,5 kHz – 7. dio: Impedancija opreme (EN 50065-7:2001)
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 7: Equipment impedance (EN 50065-7:2001)

HRN EN 50080:2008 en pr
Radiofrekvencijske (RF) karakteristike MAC AM-RSB kablinskih prijamnika (EN 50080:1991)
RF characteristics of MAC-VSB cable receivers (EN 50080:1991)

HRI CLC/TR 50083-5-1:2011 en pr
Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 5-1: IP pristupnici i sučelja za glavne stanice (CLC/TR 50083-5-1:2009)
Cable networks for television signals, sound signals and interactive services – Part 5-1: IP gateways and interfaces for headends (CLC/TR 50083-5-1:2009)

- HRN EN 50090-1:2012 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – 1. dio: Struktura normizacije (EN 50090-1:2011)
Home and Building Electronic Systems (HBES) – Part 1: Standardization structure (EN 50090-1:2011)
- HRN EN 50090-3-1:2008 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 3-1: Aspekti primjene – Uvod u strukturu aplikacije (EN 50090-3-1:1994)
Home and Building Electronic Systems (HBES) – Part 3-1: Aspects of application – Introduction to the application structure (EN 50090-3-1:1994)
- HRN EN 50090-3-2:2008 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 3-2: Aspekti primjene – Postupak korisnika za HBES razreda 1 (EN 50090-3-2:2004)
Home and Building Electronic Systems (HBES) – Part 3-2: Aspects of application – User process for HBES Class 1 (EN 50090-3-2:2004)
- HRN EN 50090-3-3:2010 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 3-3: Aspekti primjene – Model međusobnog rada HBES i uobičajeni HBES tipovi podataka (EN 50090-3-3:2009)
Home and Building Electronic Systems (HBES) – Part 3-3: Aspects of application – HBES Interworking model and common HBES data types (EN 50090-3-3:2009)
- HRN EN 50090-3-4:2017 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 3-4: Sigurni aplikacijski sloj, sigurna usluga, sigurna konfiguracija i sigurnosni resursi (EN 50090-3-4:2017)
Home and Building Electronic Systems (HBES) – Part 3-4: Secure Application Layer, Secure Service, Secure configuration and security Resources (EN 50090-3-4:2017)
- HRN EN 50090-3-4:2017/Ispr.1:2018 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 3-4: Sigurni aplikacijski sloj, sigurna usluga, sigurna konfiguracija i sigurnosni resursi (EN 50090-3-4:2017/AC:2018)
Home and Building Electronic Systems (HBES) – Part 3-4: Secure Application Layer, Secure Service, Secure configuration and security Resources (EN 50090-3-4:2017/AC:2018)
- HRN EN 50090-4-1:2008 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 4-1: Slojevi ovisni o medijima – Aplikacijski sloj za HBES razreda 1 (EN 50090-4-1:2004)
Home and Building Electronic Systems (HBES) – Part 4-1: Media independent layers – Application layer for HBES Class 1 (EN 50090-4-1:2004)
- HRN EN 50090-4-2:2008 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 4-2: Slojevi ovisni o medijima – Transportni sloj, mrežni sloj i opći dijelovi sloja podatkovne veze za HBES razreda 1 (EN 50090-4-2:2004)
Home and Building Electronic Systems (HBES) – Part 4-2: Media independent layers – Transport layer, network layer and general parts of data link layer for HBES Class 1 (EN 50090-4-2:2004)
- HRN EN 50090-4-3:2015 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 4-3: Slojevi ovisni o medijima – Komunikacija putem IP-a (EN 13321-2) (EN 50090-4-3:2015)
Home and Building Electronic Systems (HBES) – Part 4-3: Media independent layers – Communication over IP (EN 13321-2) (EN 50090-4-3:2015)
- HRN EN 50090-5-1:2008 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 5-1: Mediji i slojevi ovisni o medijima – Prijenos signala u niskonaponskim električnim mrežama za HBES razreda 1 (EN 50090-5-1:2005)
Home and Building Electronic Systems (HBES) – Part 5-1: Media and media dependent layers – Power line for HBES Class 1 (EN 50090-5-1:2005)
- HRN EN 50090-5-1:2020 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 5-1: Mediji i slojevi ovisni o medijima – Prijenos signala u niskonaponskim električnim mrežama za HBES razreda 1 (EN 50090-5-1:2020)
Home and Building Electronic Systems (HBES) – Part 5-1: Media and media dependent layers – Power line for HBES Class 1 (EN 50090-5-1:2020)
- HRN EN 50090-5-2:2008 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 5-2: Mediji i slojevi ovisni o medijima – Mreža temeljena na HBES razreda 1, upletena parica (EN 50090-5-2:2004)
Home and Building Electronic Systems (HBES) – Part 5-2: Media and media dependent layers – Network based on HBES Class 1, Twisted Pair (EN 50090-5-2:2004)
- HRN EN 50090-5-2:2020 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 5-2: Mediji i slojevi ovisni o medijima – Mreža temeljena na HBES razreda 1, upletena parica (EN 50090-5-2:2020)
Home and Building Electronic Systems (HBES) Part 5-2: Media and media dependent layers – Network based on HBES Class 1, Twisted Pair (EN 50090-5-2:2020)
- HRN EN 50090-5-3:2016 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 5-3: Mediji i slojevi ovisni o medijima – Radiofrekvencija za HBES razreda 1 (EN 50090-5-3:2016)
Home and Building Electronic Systems (HBES) – Part 5-3: Media and media dependent layers – Radio Frequency for HBES Class 1 (EN 50090-5-3:2016)
- HRN EN 50090-6-1:2017 en pr
Elektronički sustavi u stanovima i zgradama (HBES) – Dio 6-1: Sučelja – Sučelja web usluge (EN 50090-6-1:2017)
Home and Building Electronic Systems (HBES) – Part 6-1: Interfaces – Webservice interface (EN 50090-6-1:2017)
- HRN EN 50203:2008 en pr
Automatsko postavljanje kanala (EN 50203:1996+A1:1997)
Automatic channel installation (ACI) (EN 50203:1996+A1:1997)
- HRN EN 50256:2008 en pr
Značajke DVB prijamnika (EN 50256:1998)
Characteristics of DVB receivers (EN 50256:1998)
- HRN EN 50289-4-17:2015 en pr
Komunikacijski kabeli – Specifikacije za metode ispitivanja – Dio 4-17: Metode ispitivanja za procjenu otpornosti na ultraljubičasto zračenje plašta električnog i svjetlovodnog kabela (EN 50289-4-17:2015)
Communication cables – Specifications for test methods – Part 4-17: Test methods for UV resistance evaluation of the sheath of electrical and optical fibre cable (EN 50289-4-17:2015)
- HRN EN 50290-2-29:2016 en pr
Komunikacijski kabeli – Dio 2-29: Opća pravila konstruiranja i izrada – Umrežene polipropilenske izolacijske smjese: kabeli za instrumentaciju, upravljanje i sabirnice polja (EN 50290-2-29:2016)
Communication cables – Part 2-29: Common design rules and construction – Crosslinked polyethylene insulation compounds: instrumentation, control and field bus cables (EN 50290-2-29:2016)
- HRN EN 50290-2-35:2016 en pr
Komunikacijski kabeli – Dio 2-35: Opća pravila konstruiranja i izrada – Poliamidna smjesa za oblaganje (EN 50290-2-35:2016)
Communication cables – Part 2-35: Common design rules and construction – Polyamide sheathing compound (EN 50290-2-35:2016)
- HRN EN 50290-2-36:2016 en pr
Komunikacijski kabeli – Dio 2-36: Opća pravila konstruiranja i izrada – Izolacijska smjesa od umrežene silikonske gume (EN 50290-2-36:2016)
Communication cables – Part 2-36: Common design rules and construction – Crosslinked Silicone rubber insulation compound (EN 50290-2-36:2016)

- HRN EN 50320:2008 en pr
Digitalni sustav audio radiodifuzije (DAB) – Specifikacija skupa DAB naredbi za prijemnike (DCSR) (EN 50320:2000)
Digital audio broadcasting system – Specification of the DAB command set for receivers (DCSR) (EN 50320:2000)
- HRN EN 50377-2-1:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 2-1: Tip FC-PC za povezivanje s jednomodnim vlaknima kategorije B1 prema normi IEC 60793-2 (EN 50377-2-1:2001)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 2-1: Type FC-PC terminated on IEC 60793-2 category B1 singlemode fibre (EN 50377-2-1:2001)
- HRN EN 50377-2-1:2008/Ispr.1:2014 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 2-1: Tip FC-PC za povezivanje s jednomodnim vlaknima kategorije B1 prema normi IEC 60793-2 (EN 50377-2-1:2001/AC:2002)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 2-1: Type FC-PC terminated on IEC 60793-2 category B1 singlemode fibre (EN 50377-2-1:2001/AC:2002)
- HRN EN 50377-2-2:2010 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 2-2: Tip FC/APC 8 za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s čvrstom cirkonijskom navlakom, kategorija C (EN 50377-2-2:2009)
Connectors sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 2-2: FC/APC 8 terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule, category C (EN 50377-2-2:2009)
- HRN EN 50377-3-1:2009 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 3-1: Tip SG za povezivanje na multimodna vlakna kategorija A1a, A1b ili slično prema normi IEC 60793-2-10 za kategoriju C (EN 50377-3-1:2008)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 3-1: Type SG terminated on IEC 60793-2-10 category A1a, A1b or equivalent multimode fibre for category C (EN 50377-3-1:2008)
- HRN EN 50377-4-2:2012 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 4-2: Tip SC/APC simplex 8° za povezivanje s jednomodnim vlaknima tipova B1.1 i B1.3 prema normi IEC 60793-2-50 s čvrstom cirkonijskom navlakom kategorije U (EN 50377-4-2:2011)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 4-2: Type SC/APC simplex 8° terminated on IEC 60793-2-50 of types B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category U (EN 50377-4-2:2011)
- HRN EN 50377-4-4:2012 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 4-4: Tip SC-PC simplex za povezivanje s jednomodnim vlaknima tipova B1.1 i B1.3 prema normi IEC 60793-2-50 s čvrstom cirkonijskom navlakom kategorije U (EN 50377-4-4:2011)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 4-4: Type SC-PC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category U (EN 50377-4-4:2011)
- HRN EN 50377-6-1:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 6-1: Tip SC-RJ za povezivanje na multimodna vlakna kategorija A1a i A1b prema normi IEC 60793-2 (EN 50377-6-1:2002)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 6-1: Type SC-RJ terminated on IEC 60793-2 category A1a and A1b multimode fibre (EN 50377-6-1:2002)
- HRN EN 50377-6-2:2009 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 6-2: SC-RJ za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50, kategorije U (EN 50377-6-2:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 6-2: SC-RJ single mode terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, category U (EN 50377-6-2:2007)
- HRN EN 50377-7-1:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 7-1: Tip LC-PC duplex za povezivanje s višedomnim vlaknima kategorija A1a i A1b prema normi IEC 60793-2 (EN 50377-7-1:2004)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 7-1: Type LC-PC duplex terminated on IEC 60793-2 category A1a and A1b multimode fibre (EN 50377-7-1:2004)
- HRN EN 50377-7-2:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 7-2: LC-PC duplex za povezivanje s jednomodnim vlaknima kategorije B1.1 prema normi IEC 60793-2 (EN 50377-7-2:2004)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 7-2: LC-PC duplex terminated on IEC 60793-2 category B1.1 singlemode fibre (EN 50377-7-2:2004)
- HRN EN 50377-7-3:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 7-3: Tip LC-APC duplex za povezivanje s jednomodnim vlaknima kategorije B1.1 prema normi IEC 60793-2 (EN 50377-7-3:2004)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 7-3: Type LC-APC duplex terminated on IEC 60793-2 category B1.1 singlemode fibre (EN 50377-7-3:2004)
- HRN EN 50377-7-4:2012 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 7-4: LC-PC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s čvrstom cirkonijskom navlakom kategorije C (EN 50377-7-4:2011)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 7-4: LC-PC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with full zirconia ferrule for category C (EN 50377-7-4:2011)
- HRN EN 50377-8-10:2011 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-10: Tip LSH-APC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom od titana kategorije C (EN 50377-8-10:2010)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-10: Type LSH-APC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with titanium composite ferrule for category C (EN 50377-8-10:2010)

- HRN EN 50377-8-11:2011 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-11: Tip LSH-PC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom od titana kategorije C (EN 50377-8-11:2010)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-11: Type LSH-PC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with titanium composite ferrule for category C (EN 50377-8-11:2010)
- HRN EN 50377-8-12:2011 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-12: Tip LSH-APC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom od titana kategorije U (EN 50377-8-12:2010)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-12: Type LSH-APC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with titanium composite ferrule for category U (EN 50377-8-12:2010)
- HRN EN 50377-8-13:2011 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-13: Tip LSH-PC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom od titana kategorije U (EN 50377-8-13:2010)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-13: Type LSH-PC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with titanium composite ferrule for category U (EN 50377-8-13:2010)
- HRN EN 50377-8-2:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-2: Tip LSH-APC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom kategorije U (EN 50377-8-2:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-2: Type LSH-APC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, composite ferrule category C (EN 50377-8-2:2007)
- HRN EN 50377-8-3:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-3: LSH-PC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom kategorije C (EN 50377-8-3:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-3: LSH-PC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, composite ferrule category C (EN 50377-8-3:2007)
- HRN EN 50377-8-4:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-4: LSH-APC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom kategorije U (EN 50377-8-4:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-4: LSH-APC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, composite ferrule category U (EN 50377-8-4:2007)
- HRN EN 50377-8-5:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-5: LSH-PC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom kategorije U (EN 50377-8-5:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-5: LSH-PC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, composite ferrule category U (EN 50377-8-5:2007)
- HRN EN 50377-8-6:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-6: LSH-HR simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s čvrstom cirkonijskom navlakom kategorije C (EN 50377-8-6:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-6: LSH-HR simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category C (EN 50377-8-6:2007)
- HRN EN 50377-8-7:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-7: LSH-PC za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s čvrstom cirkonijskom navlakom kategorije C (EN 50377-8-7:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-7: LSH-PC terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category C (EN 50377-8-7:2007)
- HRN EN 50377-8-8:2008 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 8-8: LSH-APC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s čvrstom cirkonijskom navlakom kategorije U (EN 50377-8-8:2007)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 8-8: LSH-APC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre, with full zirconia ferrule category U (EN 50377-8-8:2007)
- HRN EN 50377-15-1:2012 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 15-1: Tip MPO s PPS navlakom od 12 vlakana za povezivanje s višemodnim vlaknima kategorije A1a prema normi IEC 60793-2 za višemodna vlakna od 50/125 mikrona (EN 50377-15-1:2011)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 15-1: Type MPO with 12-fibre PPS ferrules terminated on IEC 60793-2 category A1a multimode fibre for 50/125 micron multimode fibre (EN 50377-15-1:2011)
- HRN EN 50377-16-1:2012 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 16-1: Tip LF3 APC simplex za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 prema normi IEC 60793-2-50 s kompozitnom navlakom od titana kategorije C (EN 50377-16-1:2011)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 16-1: Type LF3 APC simplex terminated on IEC 60793-2-50 category B1.1 and B1.3 singlemode fibre with titanium composite ferrule for category C (EN 50377-16-1:2011)

- HRN EN 50377-17-1:2014 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 17-1: Simplex konektor tipa FPFT (tvornički poliran i montiran na terenu) za tvorničko povezivanje s vlaknima kategorije B1.3 i montiran na terenu na jednomodna vlakna kategorija B1.3 ili B6a_1 ili B6a_2 prema normi IEC 60793-2-50, kategorije C (EN 50377-17-1:2013)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 17-1: Type FPFT (factory polished field terminated) simplex connector factory terminated with EN 60793-2-50 category B1.3 fibre and field mounted onto IEC 60793-2-50 category B1.3 or B6a_1 or B6a_2 singlemode fibre, category C (EN 50377-17-1:2013)
- HRN EN 50377-17-2:2015 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 17-2: Simplex konektor tipa FPFT (tvornički poliran i montiran na terenu) za tvorničko povezivanje s vlaknima kategorije B1.3 prema normi EN 60793-2-50 i montiran na terenu na ojačani kabel koji sadrži jednomodna vlakna (s ograničenim MFD) kategorija B1.3 ili B6a_1 ili B6a_2 prema normi IEC 60793-2-50, kategorije C (EN 50377-17-2:2015)
Connector sets and Interconnect components to be used in optical fibre communication systems – Product specifications – Part 17-2: Type FPFT (factory polished field terminated) simplex connector factory terminated with EN 60793-2-50 category B1.3 fibre and field mounted onto reinforced cable containing IEC 60793-2-50 category B1.3 or B6a1 or B6a 2 singlemode fibre (with restricted MFD), category C (EN 50377-17-2:2015)
- HRN EN 50377-18-1:2019 en pr
Skupovi konektora i komponenti za međusobno povezivanje za upotrebu u komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 18-1: Primopredajnik tipa 4+4x10.3125 Gb/s MPO (QFSP) povezan s MPO konektorom opremljen PPS navlakom od 12 vlakana za povezivanje s višedomnim vlaknima kategorija A1a.3a ili A1a.3b prema normi EN 60793-2-10 za vlakna od 50/125 mikrona (EN 50377-18-1:2019)
Connector sets and interconnect components to be used in optical fibre communication systems – Product specifications – Part 18-1: type 4+4x10.3125 Gb/s MPO (QFSP) transceiver mated with an MPO connector equipped with 12 fibre PPS ferrules terminated on EN 60793-2-10 category A1a.3a or A1a.3b 50/125 micron multimode fibre (EN 50377-18-1:2019)
- HRN EN 50491-11:2015 en pr
Opći zahtjevi za elektroničke sustave u stanovima i zgradama (HBES) i sustave automatizacije i nadzora u zgradama (BACS) – 11. dio: Pametno mjerenje – Specifikacije primjene – Jednostavni vanjski korisnički zaslon (EN 50491-11:2015)
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 11: Smart Metering – Application Specifications – Simple External Consumer Display (EN 50491-11:2015)
- HRN EN 50491-11:2015/A1:2020 en pr
Opći zahtjevi za elektroničke sustave u stanovima i zgradama (HBES) i sustave automatizacije i nadzora u zgradama (BACS) – 11. dio: Pametno mjerenje – Specifikacije primjene – Jednostavni vanjski korisnički zaslon (EN 50491-11:2015/A1:2020)
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Part 11: Smart Metering – Application Specifications – Simple External Consumer Display (EN 50491-11:2015/A1:2020)
- HRN EN 50491-12-1:2018 en pr
Opći zahtjevi za elektroničke sustave u stanovima i zgradama (HBES) i sustave automatizacije i nadzora u zgradama (BACS) – Pametna mreža – Specifikacija primjene – Sučelje i okvir za korisnika – Dio 12-1: Sučelje za upravljanje energijom kod korisnika (CEM) i softverskih komponenti za upravljanje resursima (resource manager) u stanovima i zgradama – Opći zahtjevi i arhitektura (EN 50491-12-1:2018)
General requirements for Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) – Smart grid – Application specification – Interface and framework for customer – Part 12-1: Interface between the CEM and Home/Building Resource manager – General Requirements and Architecture (EN 50491-12-1:2018)
- HRN EN 50516-1-1:2012 en pr
Industrijski skupovi konektora i komponenti za međusobno povezivanje za upotrebu u kontrolnim i komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 1-1: Industrijski tip SC-RJ PC za povezivanje s višedomnim vlaknima kategorija A1a i A1b za ispunjavanje uvjeta kategorije I (industrijsko okruženje) prema normi EN 60793-2-10 kako je navedeno u normi IEC 61753-1-3 (EN 50516-1-1:2011)
Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 1-1: Type SC-RJ PC industrial terminated on EN 60793-2-10 category A1a and A1b multimode fibre to meet the requirements of category I (industrial environments) as specified in IEC 61753-1-3 (EN 50516-1-1:2011)
- HRN EN 50516-2-1:2012 en pr
Industrijski skupovi konektora i komponenti za međusobno povezivanje za upotrebu u kontrolnim i komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 2-1: Industrijski tip ODVA PC za povezivanje s višedomnim vlaknima kategorija A1a i A1b za ispunjavanje uvjeta kategorije I (industrijsko okruženje) kako je navedeno u normama EN 50173-1 i IEC 61753-1-3 (EN 50516-2-1:2011)
Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 2-1: Type ODVA PC industrial terminated on EN 60793-2-10 category A1a and A1b multimode fibre to meet the requirements of category I (industrial environments) as specified in EN 50173-1 and IEC 61753-1-3 (EN 50516-2-1:2011)
- HRN EN 50516-3-1:2014 en pr
Industrijski skupovi konektora i komponenti za međusobno povezivanje za upotrebu u kontrolnim i komunikacijskim sustavima s optičkim vlaknima – Specifikacije proizvoda – Dio 3-1: Industrijski tip ODVA APC za povezivanje s jednomodnim vlaknima kategorija B1.1 i B1.3 za ispunjavanje uvjeta kategorije I (industrijsko okruženje) kako je navedeno u normama EN 50173-1 i IEC 61753-1-3 (EN 50516-3-1:2014)
Industrial connector sets and interconnect components to be used in optical fibre control and communication systems – Product specifications – Part 3-1: Type ODVA APC terminated on EN 60793-2-50 category B1.1 and B1.3 singlemode fibre to meet the requirements of category I (industrial environments) as specified in EN 50173-1 and IEC 61753-1-3 (EN 50516-3-1:2014)
- HRN EN 60603-7-1:2012 en pr
Konektori za elektroničku opremu – Dio 7-1: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore (IEC 60603-7-1:2011; EN 60603-7-1:2011)
Connectors for electronic equipment – Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors (IEC 60603-7-1:2011; EN 60603-7-1:2011)
- HRN EN 60603-7-2:2011 en pr
Konektori za elektroničku opremu – Dio 7-2: Detaljne specifikacije za 8-smjerne, neoklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 100 MHz (IEC 60603-7-2:2010; EN 60603-7-2:2010)
Connectors for electronic equipment – Part 7-2: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 100 MHz (IEC 60603-7-2:2010; EN 60603-7-2:2010)

- HRN EN 60603-7-3:2011 en pr
Konektori za elektroničku opremu – Dio 7-3: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 100 MHz (IEC 60603-7-3:2010; EN 60603-7-3:2010)
Connectors for electronic equipment – Part 7-3: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 100 MHz (IEC 60603-7-3:2010; EN 60603-7-3:2010)
- HRN EN 60603-7-41:2011 en pr
Konektori za elektroničku opremu – Dio 7-41: Detaljne specifikacije za 8-smjerne, neoklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 500 MHz (IEC 60603-7-41:2010; EN 60603-7-41:2010)
Connectors for electronic equipment – Part 7-41: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz (IEC 60603-7-41:2010; EN 60603-7-41:2010)
- HRN EN 60603-7-4:2011 en pr
Konektori za elektroničku opremu – Dio 7-4: Detaljne specifikacije za 8-smjerne, neoklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 250 MHz (IEC 60603-7-4:2010; EN 60603-7-4:2010)
Connectors for electronic equipment – Part 7-4: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 250 MHz (IEC 60603-7-4:2010; EN 60603-7-4:2010)
- HRN EN 60603-7-51:2011 en pr
Konektori za elektroničku opremu – Dio 7-51: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 500 MHz (IEC 60603-7-51:2010; EN 60603-7-51:2010)
Connectors for electronic equipment – Part 7-51: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz (IEC 60603-7-51:2010; EN 60603-7-51:2010)
- HRN EN 60603-7-5:2011 en pr
Konektori za elektroničku opremu – Dio 7-5: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 250 MHz (IEC 60603-7-5:2010; EN 60603-7-5:2010)
Connectors for electronic equipment – Part 7-5: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 250 MHz (IEC 60603-7-5:2010; EN 60603-7-5:2010)
- HRN EN 60603-7-71:2011 en pr
Konektori za elektroničku opremu – Dio 7-71: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 1 000 MHz (IEC 60603-7-71:2010; EN 60603-7-71:2010)
Connectors for electronic equipment – Part 7-71: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 1000 MHz (IEC 60603-7-71:2010; EN 60603-7-71:2010)
- HRN EN 60603-7-7:2011 en pr
Konektori za elektroničku opremu – Dio 7-7: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 600 MHz (IEC 60603-7-7:2010; EN 60603-7-7:2010)
Connectors for electronic equipment – Part 7-7: Detail specification for 8-way, shielded, free and fixed connectors for data transmission with frequencies up to 600 MHz (IEC 60603-7-7:2010; EN 60603-7-7:2010)
- HRN EN 60603-7-81:2016 en pr
Konektori za elektroničku opremu – Dio 7-81: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 2 000 MHz (IEC 60603-7-81:2015; EN 60603-7-81:2016)
Connectors for electronic equipment – Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2 000 MHz (IEC 60603-7-81:2015; EN 60603-7-81:2016)
- HRN EN 60603-7-81:2016/Ispr.1:2017 en pr
Konektori za elektroničku opremu – Dio 7-81: Detaljne specifikacije za 8-smjerne, oklopljene, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 2 000 MHz (IEC 60603-7-81:2015/Corr.1:2017; EN 60603-7-81:2016/AC:2017)
Connectors for electronic equipment – Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2 000 MHz (IEC 60603-7-81:2015/Corr.1:2017; EN 60603-7-81:2016/AC:2017)
- HRN EN 60603-7-82:2017 en pr
Konektori za elektroničku opremu – Dio 7-82: Detaljne specifikacije za 8-smjerne, oklopljene, pojedinačne oklopljene parove, slobodne i fiksne konektore za prijenos podataka s frekvencijama do 2 000 MHz (IEC 60603-7-82:2016; EN 60603-7-82:2016)
Connectors for electronic equipment – Part 7-82: Detail specification for 8-way, shielded, individual pair shielded, free and fixed connectors, for data transmission with frequencies up to 2 000 mhz (IEC 60603-7-82:2016; EN 60603-7-82:2016)
- HRN EN 60679-1:2018 en pr
Piezoelektrični, dielektrični i elektrostatički oscilatori utvrđene kvalitete – 1. dio: Opća specifikacija (IEC 60679-1:2017; EN 60679-1:2017)
Piezoelectric, dielectric and electrostatic oscillators of assessed quality – Part 1: Generic specification (IEC 60679-1:2017; EN 60679-1:2017)
- HRN EN 60738-1:2009 en pr
Termistori – Izravno grijani s pozitivnim temperaturnim koeficijentom – 1. dio: Generička specifikacija (IEC 60738-1:2006; EN 60738-1:2006)
Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification (IEC 60738-1:2006; EN 60738-1:2006)
- HRN EN 60738-1:2009/A1:2010 en pr
Termistori – Izravno grijani s pozitivnim temperaturnim koeficijentom – 1. dio: Generička specifikacija (IEC 60738-1:2006/am1:2009; EN 60738-1:2006/A1:2009)
Thermistors – Directly heated positive temperature coefficient – Part 1: Generic specification (IEC 60738-1:2006/am1:2009; EN 60738-1:2006/A1:2009)
- HRN EN 60747-5-5:2012 en pr
Poluvodički uređaji – Diskretni uređaji – Dio 5-5: Optoelektroničke komponente – Optoizolatori (IEC 60747-5-5:2007; EN 60747-5-5:2011)
Semiconductor devices – Discrete devices – Part 5-5: Optoelectronic devices – Photocouplers (IEC 60747-5-5:2007; EN 60747-5-5:2011)
- HRN EN 60747-5-5:2012/A1:2015 en pr
Poluvodički uređaji – Diskretni uređaji – Dio 5-5: Optoelektroničke komponente – Optoizolatori (IEC 60747-5-5:2007/am1:2013; EN 60747-5-5:2011/A1:2015)
Semiconductor devices – Discrete devices – Part 5-5: Optoelectronic devices – Photocouplers (IEC 60747-5-5:2007/am1:2013; EN 60747-5-5:2011/A1:2015)
- HRN EN 60747-15:2012 en pr
Poluvodičke uređaji – Diskretni uređaji – 15. dio: Izolirani poluvodički energetski uređaji (IEC 60747-15:2010; EN 60747-15:2012)
Semiconductor devices – Discrete devices – Part 15: Isolated power semiconductor devices (IEC 60747-15:2010; EN 60747-15:2012)
- HRN EN 60747-16-1:2008 en pr
Poluvodički uređaji – Dio 16-1: Mikrovalni integrirani sklopovi – Pojačala (IEC 60747-16-1:2001+am1:2007; EN 60747-16-1:2002+A1:2007)
Semiconductor devices – Part 16-1: Microwave integrated circuits – Amplifiers (IEC 60747-16-1:2001+am1:2007; EN 60747-16-1:2002+A1:2007)

- HRN EN 60747-16-1:2008/A2:2017 en pr
Poluvodički uređaji – Dio 16-1: Mikrovalni integrirani sklopovi – Pojačala (IEC 60747-16-1:2001/am2:2017; EN 60747-16-1:2002/A2:2017)
Semiconductor devices – Part 16-1: Microwave integrated circuits – Amplifiers (IEC 60747-16-1:2001/am2:2017; EN 60747-16-1:2002/A2:2017)
- HRN EN 60747-16-3:2008 en pr
Poluvodički uređaji – Dio 16-3: Mikrovalni integrirani sklopovi – Pretvarači frekvencije (IEC 60747-16-3:2002; EN 60747-16-3:2002)
Semiconductor devices – Part 16-3: Microwave integrated circuits – Frequency converters (IEC 60747-16-3:2002; EN 60747-16-3:2002)
- HRN EN 60747-16-3:2008/A1:2009 en pr
Poluvodički uređaji – Dio 16-3: Mikrovalni integrirani sklopovi – Pretvarači frekvencije (IEC 60747-16-3:2002/am1:2009; EN 60747-16-3:2002/A1:2009)
Semiconductor devices – Part 16-3: Microwave integrated circuits – Frequency converters (IEC 60747-16-3:2002/am1:2009; EN 60747-16-3:2002/A1:2009)
- HRN EN 60747-16-3:2008/A2:2018 en pr
Poluvodički uređaji – Dio 16-3: Mikrovalni integrirani sklopovi – Pretvarači frekvencije (IEC 60747-16-3:2002/am2:2017; EN 60747-16-3:2002/A2:2017)
Semiconductor devices – Part 16-3: Microwave integrated circuits – Frequency converters (IEC 60747-16-3:2002/am2:2017; EN 60747-16-3:2002/A2:2017)
- HRN EN 60747-16-4:2008 en pr
Poluvodički uređaji – Dio 16-4: Mikrovalni integrirani sklopovi – Prekidači (IEC 60747-16-4:2004; EN 60747-16-4:2004)
Semiconductor devices – Part 16-4: Microwave integrated circuits – Switches (IEC 60747-16-4:2004; EN 60747-16-4:2004)
- HRN EN 60747-16-4:2008/A1:2012 en pr
Poluvodički uređaji – Dio 16-4: Mikrovalni integrirani sklopovi – Prekidači (IEC 60747-16-4:2004/am1:2009; EN 60747-16-4:2004/A1:2011)
Semiconductor devices – Part 16-4: Microwave integrated circuits – Switches (IEC 60747-16-4:2004/am1:2009; EN 60747-16-4:2004/A1:2011)
- HRN EN 60747-16-4:2008/A2:2018 en pr
Poluvodički uređaji – Dio 16-4: Mikrovalni integrirani sklopovi – Prekidači (IEC 60747-16-4:2004/am2:2017; EN 60747-16-4:2004/A2:2017)
Semiconductor devices – Part 16-4: Microwave integrated circuits – Switches (IEC 60747-16-4:2004/am2:2017; EN 60747-16-4:2004/A2:2017)
- HRN EN 60749-2:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 2. dio: Niski tlak zraka (IEC 60749-2:2002; EN 60749-2:2002)
Semiconductor devices – Mechanical and climatic test methods – Part 2: Low air pressure (IEC 60749-2:2002; EN 60749-2:2002)
- HRN EN 60749-4:2017 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 4. dio: Toplina s vlagom, stabilno stanje, visoko ubrzano ispitivanje otpornosti na stres (HAST) (IEC 60749-4:2017; EN 60749-4:2017)
Semiconductor devices – Mechanical and climatic test methods – Part 4: Damp heat, steady state, highly accelerated stress test (HAST) (IEC 60749-4:2017; EN 60749-4:2017)
- HRN EN 60749-5:2017 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 5. dio: Ispitivanje životnog vijeka pri stabilnoj temperaturi i vlažnosti s prednaponom (IEC 60749-5:2017; EN 60749-5:2017)
Semiconductor devices – Mechanical and climatic test methods – Part 5: Steady-state temperature humidity bias life test (IEC 60749-5:2017; EN 60749-5:2017)
- HRN EN 60749-6:2017 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 6. dio: Skladištenje na visokoj temperaturi (IEC 60749-6:2017; EN 60749-6:2017)
Semiconductor devices – Mechanical and climatic test methods – Part 6: Storage at high temperature (IEC 60749-6:2017; EN 60749-6:2017)
- HRN EN 60749-8:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 8. dio: Brtvljenje (IEC 60749-8:2002+Corr.1:2003; EN 60749-8:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 8: Sealing (IEC 60749-8:2002+Corr.1:2003; EN 60749-8:2003)
- HRN EN 60749-9:2017 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 9. dio: Trajnost označavanja (IEC 60749-9:2017; EN 60749-9:2017)
Semiconductor devices – Mechanical and climatic test methods – Part 9: Permanence of marking (IEC 60749-9:2017; EN 60749-9:2017)
- HRN EN 60749-11:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 11. dio: Nagla promjena temperature – Metoda s dvije kupke (IEC 60749-11:2002; EN 60749-11:2002)
Semiconductor devices – Mechanical and climatic test methods – Part 11: Rapid change of temperature – Two-fluid-bath method (IEC 60749-11:2002; EN 60749-11:2002)
- HRN EN IEC 60749-12:2018 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 12. dio: Vibracija, promjenjiva frekvencija (IEC 60749-12:2017; EN IEC 60749-12:2018)
Semiconductor devices – Mechanical and climatic test methods – Part 12: Vibration, variable frequency (IEC 60749-12:2017; EN IEC 60749-12:2018)
- HRN EN IEC 60749-13:2018 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 13. dio: Slana atmosfera (IEC 60749-13:2018; EN IEC 60749-13:2018)
Semiconductor devices – Mechanical and climatic test methods – Part 13: Salt atmosphere (IEC 60749-13:2018; EN IEC 60749-13:2018)
- HRN EN 60749-14:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 14. dio: Izdržljivost priključaka (integritet veza) (IEC 60749-14:2003; EN 60749-14:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 14: Robustness of terminations (lead integrity) (IEC 60749-14:2003; EN 60749-14:2003)
- HRN EN 60749-16:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 16. dio: Detekcija buke od udara čestica (IEC 60749-16:2003; EN 60749-16:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 16: Particle impact noise detection (PIND) (IEC 60749-16:2003; EN 60749-16:2003)
- HRN EN 60749-19:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 19. dio: Ispitivanje čvrstoće prijanjanja čipova (IEC 60749-19:2003; EN 60749-19:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 19: Die shear strength (IEC 60749-19:2003; EN 60749-19:2003)
- HRN EN 60749-19:2008/A1:2011 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 19. dio: Ispitivanje čvrstoće prijanjanja čipova (IEC 60749-19:2003/am1:2010; EN 60749-19:2003/A1:2010)
Semiconductor devices – Mechanical and climatic test methods – Part 19: Die shear strength (IEC 60749-19:2003/am1:2010; EN 60749-19:2003/A1:2010)

- HRN EN 60749-19:2008/Ispr.1:2014 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 19. dio: Ispitivanje čvrstoće prijanjanja čipova (EN 60749-19:2003/AC:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 19: Die shear strength (EN 60749-19:2003/AC:2003)
- HRN EN 60749-21:2012 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 21. dio: Lemljivost (IEC 60749-21:2011; EN 60749-21:2011)
Semiconductor devices – Mechanical and climatic test methods – Part 21: Solderability (IEC 60749-21:2011; EN 60749-21:2011)
- HRN EN 60749-22:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 22. dio: Čvrstoća prionljivosti (IEC 60749-22:2002; EN 60749-22:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 22: Bond strength (IEC 60749-22:2002; EN 60749-22:2003)
- HRN EN 60749-23:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 23. dio: Radni vijek na visokim temperaturama (IEC 60749-23:2004; EN 60749-23:2004)
Semiconductor devices – Mechanical and climatic test methods – Part 23: High temperature operating life (IEC 60749-23:2004; EN 60749-23:2004)
- HRN EN 60749-23:2008/A1:2012 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 23. dio: Radni vijek na visokim temperaturama (IEC 60749-23:2004/am1:2011; EN 60749-23:2004/A1:2011)
Semiconductor devices – Mechanical and climatic test methods – Part 23: High temperature operating life (IEC 60749-23:2004/am1:2011; EN 60749-23:2004/A1:2011)
- HRN EN 60749-24:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 24. dio: Ubrzana otpornost na vlagu – HAST bez prednapona (IEC 60749-24:2004; EN 60749-24:2004)
Semiconductor devices – Mechanical and climatic test methods – Part 24: Accelerated moisture resistance – Unbiased HAST (IEC 60749-24:2004; EN 60749-24:2004)
- HRN EN 60749-25:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 25. dio: Temperaturni ciklusi (IEC 60749-25:2003; EN 60749-25:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 25: Temperature cycling (IEC 60749-25:2003; EN 60749-25:2003)
- HRN EN IEC 60749-26:2018 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 26. dio: Ispitivanje osjetljivosti na elektrostatičko pražnjenje (ESD) – Model ljudskog tijela (HBM) (IEC 60749-26:2018; EN IEC 60749-26:2018)
Semiconductor devices – Mechanical and climatic test methods – Part 26: Electrostatic discharge (ESD) sensitivity testing – Human body model (HBM) (IEC 60749-26:2018; EN IEC 60749-26:2018)
- HRN EN 60749-27:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 27. dio: Ispitivanje osjetljivosti na elektrostatičko pražnjenje (ESD) – Model stroja (MM) (IEC 60749-27:2006; EN 60749-27:2006)
Semiconductor devices – Mechanical and climatic test methods – Part 27: Electrostatic discharge (ESD) sensitivity testing – Machine model (MM) (IEC 60749-27:2006; EN 60749-27:2006)
- HRN EN 60749-27:2008/A1:2014 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 27. dio: Ispitivanje osjetljivosti na elektrostatičko pražnjenje (ESD) – Model stroja (MM) (IEC 60749-27:2006/am1:2012; EN 60749-27:2006/A1:2012)
Semiconductor devices – Mechanical and climatic test methods – Part 27: Electrostatic discharge (ESD) sensitivity testing – Machine model (MM) (IEC 60749-27:2006/am1:2012; EN 60749-27:2006/A1:2012)
- HRN EN 60749-29:2012 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 29. dio: Ispitivanje zaključavanja (latch-up) (IEC 60749-29:2011; EN 60749-29:2011)
Semiconductor devices – Mechanical and climatic test methods – Part 29: Latch-up test (IEC 60749-29:2011; EN 60749-29:2011)
- HRN EN 60749-31:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 31. dio: Zapaljivost komponenti u plastičnim kućištima (samozapaljivost) (IEC 60749-31:2002; EN 60749-31:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 31: Flammability of plastic-encapsulated devices (internally induced) (IEC 60749-31:2002; EN 60749-31:2003)
- HRN EN 60749-32:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 32. dio: Zapaljivost komponenti u plastičnim kućištima (vanjsko paljenje) (IEC 60749-32:2002; EN 60749-32:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 32: Flammability of plastic-encapsulated devices (externally induced) (IEC 60749-32:2002; EN 60749-32:2003)
- HRN EN 60749-32:2008/A1:2011 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 32. dio: Zapaljivost komponenti u plastičnim kućištima (vanjsko paljenje) (IEC 60749-32:2002/am1:2010; EN 60749-32:2003/A1:2010)
Semiconductor devices – Mechanical and climatic test methods – Part 32: Flammability of plastic-encapsulated devices (externally induced) (IEC 60749-32:2002/am1:2010; EN 60749-32:2003/A1:2010)
- HRN EN 60749-32:2008/Ispr.1:2014 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 32. dio: Zapaljivost komponenti u plastičnim kućištima (vanjsko paljenje) (EN 60749-32:2003/AC:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 32: Flammability of plastic-encapsulated devices (externally induced) (EN 60749-32:2003/AC:2003)
- HRN EN 60749-33:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 33. dio: Ubrzana otpornost na vlagu – Autoklav bez prednapona (IEC 60749-33:2004; EN 60749-33:2004)
Semiconductor devices – Mechanical and climatic test methods – Part 33: Accelerated moisture resistance – Unbiased autoclave (IEC 60749-33:2004; EN 60749-33:2004)
- HRN EN 60749-34:2011 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 34. dio: Ciklusi snage (IEC 60749-34:2010; EN 60749-34:2010)
Semiconductor devices – Mechanical and climatic test methods – Part 34: Power cycling (IEC 60749-34:2010; EN 60749-34:2010)
- HRN EN 60749-35:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 35. dio: Akustična mikroskopija elektroničkih komponenata u plastičnim kućištima (IEC 60749-35:2006; EN 60749-35:2006)
Semiconductor devices – Mechanical and climatic test methods – Part 35: Acoustic microscopy for plastic encapsulated electronic components (IEC 60749-35:2006; EN 60749-35:2006)
- HRN EN 60749-36:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 36. dio: Ubrzanje, stabilno stanje (IEC 60749-36:2003; EN 60749-36:2003)
Semiconductor devices – Mechanical and climatic test methods – Part 36: Acceleration, steady state (IEC 60749-36:2003; EN 60749-36:2003)
- HRN EN 60749-37:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 37. dio: Metoda ispitivanja pada tiskane pločice pomoću akcelerometra (IEC 60749-37:2008; EN 60749-37:2008)
Semiconductor devices – Mechanical and climatic test methods – Part 37: Board level drop test method using an accelerometer (IEC 60749-37:2008; EN 60749-37:2008)

HRN EN 60749-38:2008 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 38. dio: Metoda ispitivanja programske pogreške za poluvodičke uređaje s memorijom (IEC 60749-38:2008; EN 60749-38:2008)
Semiconductor devices – Mechanical and climatic test methods – Part 38: Soft error test method for semiconductor devices with memory (IEC 60749-38:2008; EN 60749-38:2008)

HRN EN 60749-40:2012 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 40. dio: Metoda ispitivanja pada razine ploče pomoću mjerača naprezanja (IEC 60749-40:2011; EN 60749-40:2011)
Semiconductor devices – Mechanical and climatic test methods – Part 40: Board level drop test method using a strain gauge (IEC 60749-40:2011; EN 60749-40:2011)

HRN EN 60749-42:2016 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 42. dio: Ispitivanje u uvjetima visoke temperature i vlažnosti (IEC 60749-42:2014; EN 60749-42:2014)
Semiconductor devices – Mechanical and climatic test methods – Part 42: Temperature and humidity storage (IEC 60749-42:2014; EN 60749-42:2014)

HRN EN 60749-43:2017 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 43. dio: Smjernice za planove ispitivanja pouzdanosti integriranih krugova (IC) (IEC 60749-43:2017; EN 60749-43:2017)
Semiconductor devices – Mechanical and climatic test methods – Part 43: Guidelines for IC reliability qualification plans (IEC 60749-43:2017; EN 60749-43:2017)

HRN EN 60749-44:2016 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 44. dio: Metoda ispitivanja učinka jednog događaja (SEE) pri ozračenju snopom neutrona za poluvodičke uređaje (IEC 60749-44:2016; EN 60749-44:2016)
Semiconductor devices – Mechanical and climatic test methods – Part 44: Neutron beam irradiated single event effect (SEE) test method for semiconductor devices (IEC 60749-44:2016; EN 60749-44:2016)

HRN EN IEC 60749-20:2020 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 20. dio: Otpornost poluvodičkih uređaja u plastičnim kućištima na kombinirani učinak vlage i topline lemljenja (IEC 60749-20:2020; EN IEC 60749-20:2020)
Semiconductor devices – Mechanical and climatic test methods – Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat (IEC 60749-20:2020; EN IEC 60749-20:2020)

HRN EN 60749-20:2010 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 20. dio: Otpornost poluvodičkih uređaja u plastičnim kućištima na kombinirani učinak vlage i topline lemljenja (IEC 60749-20:2008; EN 60749-20:2009)
Semiconductor devices – Mechanical and climatic test methods – Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat (IEC 60749-20:2008; EN 60749-20:2009)

HRN EN 60749-20-1:2010 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – Dio 20-1: Rukovanje, pakiranje, označavanje i otprema uređaja za površinsku montažu osjetljivih na kombinirani učinak vlage i topline lemljenja (IEC 60749-20-1:2009; EN 60749-20-1:2009)
Semiconductor devices – Mechanical and climatic test methods – Part 20-1: Handling, packing, labelling and shipping of surface-mount devices sensitive to the combined effect of moisture and soldering heat (IEC 60749-20-1:2009; EN 60749-20-1:2009)

HRN EN 60749-7:2012 en pr
Poluvodički uređaji – Metode za mehanička i klimatska ispitivanja – 7. dio: Mjerenje sadržaja unutarnje vlage i analiza ostalih zaostalih plinova (IEC 60749-7:2011; EN 60749-7:2011)
Semiconductor devices – Mechanical and climatic test methods – Part 7: Internal moisture content measurement and the analysis of other residual gases (IEC 60749-7:2011; EN 60749-7:2011)

1.10 Prijevodi hrvatskih normativnih dokumenata

HZN/TO 138, *Plastične cijevi, spojnice i ventili za prijenos tekućina*

Sljedeće hrvatske norme objavljene na engleskome jeziku sada su dostupne i na hrvatskome jeziku:

HRN EN ISO 15494:2018 hr-en pr-pp
Plastični cijevni sustavi za industrijsku primjenu – Polibuten (PB), polietilen (PE), polietilen postojan pri povišenoj temperaturi (PE-RT), umreženi polietilen (PE-X) i polipropilen (PP) – Metrički nizovi za specifikacije za sastavnice i sustav (ISO 15494:2015; EN ISO 15494:2018)
Plastics piping systems for industrial applications – Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) – Metric series for specifications for components and the system (ISO 15494:2015; EN ISO 15494:2018)

HRN EN ISO 15494:2018/A1:2020 hr-en pr-pp
Plastični cijevni sustavi za industrijsku primjenu – Polibuten (PB), polietilen (PE), polietilen postojan pri povišenoj temperaturi (PE-RT), umreženi polietilen (PE-X) i polipropilen (PP) – Metrički nizovi za specifikacije za sastavnice i sustav (ISO 15494:2015/Amd 1:2020; EN ISO 15494:2018/A1:2020)
Plastics piping systems for industrial applications – Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) – Metric series for specifications for components and the system (ISO 15494:2015/Amd 1:2020; EN ISO 15494:2018/A1:2020)

HZN/TO 544, *Strojni elementi*

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN 15048-1:2016 hr-en pr-pp
Garniture za konstrukcijske vijčane spojeve bez predopterećenja – 1. dio: Opći zahtjevi (EN 15048-1:2016)
Non-preloaded structural bolting assemblies – Part 1: General requirements (EN 15048-1:2016)

HZN/TO E85, *Oprema za mjerenje električnih i elektromagnetskih veličina*

Sljedeća hrvatska norma objavljena na engleskome jeziku sada je dostupna i na hrvatskome jeziku:

HRN EN 62586-1:2017 hr-en pr-pp
Mjerenje kvalitete energije u sustavima opskrbe energijom – 1. dio: Instrumenti za mjerenje kvalitete energije (IEC 62586-1:2017; EN 62586-1:2017)
Power quality measurement in power supply systems – Part 1: Power quality instruments (PQI) (IEC 62586-1:2017; EN 62586-1:2017)

2 Rezultati međunarodne i europske normizacije

Europska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
CEN/TS 927-9	Paints and varnishes – Coating materials and coating systems for exterior wood – Part 9: Determination of pull-off strength	87.040	2023-01
EN 927-14	Paints and varnishes – Coating materials and coating systems for exterior wood – Part 14: Determination of tensile properties of coating films	87.040	2023-01
EN 12230	Surfaces for sports areas – Test method for the determination of tensile properties of synthetic sports surfaces	97.220.10	2023-01
EN 12616	Surfaces for sports areas – Test methods for the determination of vertical water infiltration and horizontal water flow rates	97.220.10	2023-01
EN 12697-41	Bituminous mixtures – Test methods – Part 41: Resistance to de-icing fluids	93.080.20	2023-01
EN 14067-5/AC	Railway applications – Aerodynamics – Part 5: Requirements and assessment procedures for aerodynamics in tunnels	45.060.01; 93.060	2023-01
EN 14734/AC	Durability of wood and wood-based products – Determination of treatability of timber species to be impregnated with wood preservatives – Laboratory method	79.040	2023-01
EN 16105	Paints and varnishes – Laboratory method for determination of release of regulated dangerous substances from coatings in intermittent contact with water	87.040	2023-01
CWA 16926-61	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-62	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-63	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-64	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-65	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-66	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-67	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-68	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)	35.200; 35.240.15; 35.240.40	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
CWA 16926-69	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-70	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-71	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-72	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-73	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-74	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-75	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-76	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-77	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)	35.200; 35.240.15; 35.240.40	2023-01
CWA 16926-78	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)	35.200; 35.240.15; 35.240.40	2023-01
CEN/CLC/TR 17912	Hyperloop systems – Standards Inventory and Roadmap	03.220.99; 55.020	2023-01
CWA 17967	Guidelines for design of advanced Human-Robot Collaborative cells in personalized HRC systems	13.180; 25.040.30	2023-01
EN IEC 60034-18-1	Rotating electrical machines – Part 18-1: Functional evaluation of insulation systems – General guidelines (IEC 60034-18-1:2022)	29.080.30; 29.160.01	2023-01
EN IEC 60216-6	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 (IEC 60216-6:2022)	17.220.99; 29.035.01	2023-01
EN IEC 60255-1	Measuring relays and protection equipment – Part 1: Common requirements (IEC 60255-1:2022)	29.120.70	2023-01
EN IEC 60352-6	Solderless connections – Part 6: Insulation piercing connections – General requirements, test methods and practical guidance (IEC 60352-6:2022)	29.120.20; 31.220.10	2023-01
EN IEC 60601-2-43	Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2022)	11.040.50; 37.040.25	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60700-3	Thyristor valves for high voltage direct current (HVDC) power transmission – Part 3: Essential ratings (limiting values) and characteristics (IEC 60700-3:2022)	29.200; 31.080.20	2023-01
EN IEC 60721-2-6	Classification of environmental conditions – Part 2-6: Environmental conditions appearing in nature – Earthquake vibration and shock (IEC 60721-2-6:2022)	19.040	2023-01
EN IEC 60747-16-7	Semiconductor devices – Part 16-7: Microwave integrated circuits – Attenuators (IEC 60747-16-7:2022)	31.080.99	2023-01
EN IEC 60747-16-8	Semiconductor devices – Part 16-8: Microwave integrated circuits – Limiters (IEC 60747-16-8:2022)	31.080.99	2023-01
EN IEC 60806	Determination of the maximum symmetrical radiation field of X-ray tube assemblies and X-ray source assemblies for medical diagnosis (IEC 60806:2022)	11.040.50	2023-01
EN IEC 60947-1/AC	Low-voltage switchgear and controlgear – Part 1: General rules (IEC 60947-1:2020/COR1:2022)	29.130.20	2023-01
EN IEC 61076-2-116	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 (IEC 61076-2-116:2022)	31.220.10	2023-01
EN IEC 61869-99/AC	Instrument transformers – Part 99: Glossary (IEC 61869-99:2022/COR1:2023)	01.040.01; 01.040.17; 17.220.20	2023-01
EN IEC 61918/A12	Industrial communication networks – Installation of communication networks in industrial premises	25.040.40; 33.020; 33.180.01; 35.110; 35.240.50	2023-01
EN IEC 61987-31	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 (IEC 61987-31:2022)	25.040.40; 35.100.20; 35.240.50	2023-01
EN IEC 62127-3	Ultrasonics – Hydrophones – Part 3: Properties of hydrophones for ultrasonic fields (IEC 62127-3:2022)	11.040.60; 17.140.50	2023-01
EN IEC 62496-2-5	Optical circuit boards – Basic test and measurement procedures – Part 2-5: Flexibility test for flexible opto-electric circuits (IEC 62496-2-5:2022)	33.180.01; 33.180.99	2023-01
EN IEC 62682	Management of alarm systems for the process industries (IEC 62682:2022)	13.320; 25.040.01; 25.040.40	2023-01
EN IEC/IEEE 63195-1	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 (IEC/IEEE 63195-1:2022)	17.220.20; 17.240; 33.070.01	2023-01
EN IEC/IEEE 63195-2	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 (IEC/IEEE 63195-2:2022)	17.220.20; 17.240; 33.070.01	2023-01
EN IEC 63245-2	Spatial wireless power transfer based on multiple magnetic resonances – Part 2: Reference model (IEC 63245-2:2022)	29.240.99; 33.160.01; 35.200	2023-01
EN IEC 63364-1	Semiconductor devices – Semiconductor devices for IoT system – Part 1: Test method of sound variation detection (IEC 63364-1:2022)	31.080.01; 31.080.99	2023-01
EN ISO 4210-1	Cycles – Safety requirements for bicycles – Part 1: Vocabulary (ISO 4210-1:2023)	43.150	2023-01
EN ISO 4210-2	Cycles – Safety requirements for bicycles – Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles (ISO 4210-2:2023)	43.150	2023-01
EN ISO 4210-3	Cycles – Safety requirements for bicycles – Part 3: Common test methods (ISO 4210-3:2023)	43.150	2023-01
EN ISO 4210-4	Cycles – Safety requirements for bicycles – Part 4: Braking test methods (ISO 4210-4:2023)	43.150	2023-01
EN ISO 4210-5	Cycles – Safety requirements for bicycles – Part 5: Steering test methods (ISO 4210-5:2023)	43.150	2023-01
EN ISO 4210-6	Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods (ISO 4210-6:2023)	43.150	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 4210-7	Cycles – Safety requirements for bicycles – Part 7: Wheel and rim test methods (ISO 4210-7:2023)	43.150	2023-01
EN ISO 4210-8	Cycles – Safety requirements for bicycles – Part 8: Pedal and drive system test methods (ISO 4210-8:2023)	43.150	2023-01
EN ISO 4210-9	Cycles – Safety requirements for bicycles – Part 9: Saddles and seat-post test methods (ISO 4210-9:2023)	43.150	2023-01
EN ISO 5173	Destructive tests on welds in metallic materials – Bend tests (ISO 5173:2023)	25.160.40	2023-01
EN ISO 7380-1	Fasteners – Button head screws with reduced loadability – Part 1: Hexagon socket button head screws (ISO 7380-1:2022)	21.060.10	2023-01
EN ISO 7380-2	Fasteners – Button head screws with reduced loadability – Part 2: Hexagon socket button head screws with collar (ISO 7380-2:2022)	21.060.10	2023-01
EN ISO 7704	Water quality – Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods (ISO 7704:2023)	07.100.20	2023-01
EN ISO 8098	Cycles – Safety requirements for bicycles for young children (ISO 8098:2023)	43.150; 97.190	2023-01
EN ISO 10943	Ophthalmic instruments – Indirect ophthalmoscopes (ISO 10943:2023)	11.040.70	2023-01
EN ISO 13266	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)	23.040.20; 23.040.45; 91.140.80; 93.030	2023-01
EN ISO 13267	Thermoplastics piping systems for non-pressure underground drainage and sewerage – Thermoplastics inspection chamber and manhole bases – Test methods for buckling resistance (ISO 13267:2022)	23.040.20; 23.040.45; 91.140.80; 93.030	2023-01
EN ISO 13268	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)	23.040.20; 23.040.45; 91.140.80; 93.030	2023-01
EN ISO 14020	Environmental statements and programmes for products – Principles and general requirements (ISO 14020:2022)	13.020.50	2023-01
EN ISO 14581	Fasteners – Hexalobular socket countersunk flat head screws (common head style) with reduced loadability (ISO 14581:2022)	21.060.10	2023-01
EN ISO 14906	Electronic fee collection – Application interface definition for dedicated short-range communication (ISO 14906:2022)	03.220.20; 35.240.60	2023-01
EN ISO 17295	Additive manufacturing – General principles – Part positioning, coordinates and orientation (ISO 17295:2023)	25.030	2023-01
EN ISO 18314-2	Analytical colorimetry – Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, depth of shade, hiding power (ISO 18314-2:2023)	87.060.10	2023-01
EN ISO/IEC 19896-1	IT security techniques – Competence requirements for information security testers and evaluators – Part 1: Introduction, concepts and general requirements (ISO/IEC 19896-1:2018)	35.030	2023-01
EN ISO/IEC 19896-2	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)	35.030	2023-01
EN ISO/IEC 19896-3	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)	35.030	2023-01
EN ISO 22476-1	Geotechnical investigation and testing – Field testing – Part 1: Electrical cone and piezocone penetration test (ISO 22476-1:2022)	93.020	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 22553-10	Paints and varnishes – Electro-deposition coatings – Part 10: Edge protection (ISO 22553-10:2022)	87.040	2023-01
EN ISO 25178-700	Geometrical product specifications (GPS) – Surface texture: Areal – Part 700: Calibration, adjustment and verification of areal topography measuring instruments (ISO 25178-700:2022)	17.040.20; 17.040.40	2023-01
EN ISO 25901-2	Welding and allied processes – Vocabulary – Part 2: Health and safety (ISO 25901-2:2022)	01.040.25; 13.100; 25.160.10	2023-01
EN ISO/ASTM 52936-1	Additive manufacturing of polymers – Qualification principles – Part 1: General principles and preparation of test specimens for PBF-LB (ISO/ASTM 52936-1:2023)	25.030	2023-01
EN ISO 81060-3	Non-invasive sphygmomanometers – Part 3: Clinical investigation of continuous automated measurement type (ISO 81060-3:2022)	11.040.10	2023-01

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CEN/CLC/TR 17912	Hyperloop systems – Standards Inventory and Roadmap	03.220.99; 55.020	2023-01
EN IEC 60034-18-1	Rotating electrical machines – Part 18-1: Functional evaluation of insulation systems – General guidelines (IEC 60034-18-1:2022)	29.080.30; 29.160.01	2023-01
EN IEC 60216-6	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 (IEC 60216-6:2022)	17.220.99; 29.035.01	2023-01
EN IEC 60255-1	Measuring relays and protection equipment – Part 1: Common requirements (IEC 60255-1:2022)	29.120.70	2023-01
EN IEC 60352-6	Solderless connections – Part 6: Insulation piercing connections – General requirements, test methods and practical guidance (IEC 60352-6:2022)	29.120.20; 31.220.10	2023-01
EN IEC 60601-2-43	Medical electrical equipment – Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures (IEC 60601-2-43:2022)	11.040.50; 37.040.25	2023-01
EN IEC 60700-3	Thyristor valves for high voltage direct current (HVDC) power transmission – Part 3: Essential ratings (limiting values) and characteristics (IEC 60700-3:2022)	29.200; 31.080.20	2023-01
EN IEC 60721-2-6	Classification of environmental conditions – Part 2-6: Environmental conditions appearing in nature – Earthquake vibration and shock (IEC 60721-2-6:2022)	19.040	2023-01
EN IEC 60747-16-7	Semiconductor devices – Part 16-7: Microwave integrated circuits – Attenuators (IEC 60747-16-7:2022)	31.080.99	2023-01
EN IEC 60747-16-8	Semiconductor devices – Part 16-8: Microwave integrated circuits – Limiters (IEC 60747-16-8:2022)	31.080.99	2023-01
EN IEC 60806	Determination of the maximum symmetrical radiation field of X-ray tube assemblies and X-ray source assemblies for medical diagnosis (IEC 60806:2022)	11.040.50	2023-01
EN IEC 60947-1/AC	Low-voltage switchgear and controlgear – Part 1: General rules (IEC 60947-1:2020/COR1:2022)	29.130.20	2023-01
EN IEC 61076-2-116	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 (IEC 61076-2-116:2022)	31.220.10	2023-01
EN IEC 61869-99/AC	Instrument transformers – Part 99: Glossary (IEC 61869-99:2022/COR1:2023)	01.040.01; 01.040.17; 17.220.20	2023-01
EN IEC 61918/A12	Industrial communication networks – Installation of communication networks in industrial premises	25.040.40; 33.020; 33.180.01; 35.110; 35.240.50	2023-01
EN IEC 61987-31	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 (IEC 61987-31:2022)	25.040.40; 35.100.20; 35.240.50	2023-01
EN IEC 62127-3	Ultrasonics – Hydrophones – Part 3: Properties of hydrophones for ultrasonic fields (IEC 62127-3:2022)	11.040.60; 17.140.50	2023-01
EN IEC 62496-2-5	Optical circuit boards – Basic test and measurement procedures – Part 2-5: Flexibility test for flexible opto-electric circuits (IEC 62496-2-5:2022)	33.180.01; 33.180.99	2023-01
EN IEC 62682	Management of alarm systems for the process industries (IEC 62682:2022)	13.320; 25.040.01; 25.040.40	2023-01
EN IEC/IEEE 63195-1	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 (IEC/IEEE 63195-1:2022)	17.220.20; 17.240; 33.070.01	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC/IEEE 63195-2	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 (IEC/IEEE 63195-2:2022)	17.220.20; 17.240; 33.070.01	2023-01
EN IEC 63245-2	Spatial wireless power transfer based on multiple magnetic resonances – Part 2: Reference model (IEC 63245-2:2022)	29.240.99; 33.160.01; 35.200	2023-01
EN IEC 63364-1	Semiconductor devices – Semiconductor devices for IoT system – Part 1: Test method of sound variation detection (IEC 63364-1:2022)	31.080.01; 31.080.99	2023-01
EN ISO/IEC 19896-1	IT security techniques – Competence requirements for information security testers and evaluators – Part 1: Introduction, concepts and general requirements (ISO/IEC 19896-1:2018)	35.030	2023-01
EN ISO/IEC 19896-2	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)	35.030	2023-01
EN ISO/IEC 19896-3	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)	35.030	2023-01

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 101220 V 17.1.0	Smart Cards – ETSI numbering system for telecommunication application providers (Release 17)	33.070.50; 35.240.15	2023-01
ETSI TS 102241 V 17.3.0	Smart Cards – UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 17)	35.240.15	2023-01
ETSI TS 102267 V 18.0.0	Smart Cards – Connection Oriented Service API for the Java Card(TM) platform (Release 18)	35.240.15	2023-01
ETSI TR 103477 V 1.3.1	eHEALTH – Standardization use cases for eHealth	35.240.80	2023-01
ETSI TS 103481 V 16.1.0	Smart Cards – Test specification for the Remote APDU structure for UICC based applications – UICC features (Release 16)	35.240.15	2023-01
ETSI TS 103564 V 1.5.1	Plugtests™ scenarios for Mission Critical Services	33.070.10	2023-01
ETSI TS 103636-1 V 1.4.1	DECT-2020 New Radio (NR) – Part 1: Overview – Release 1	33.070.30	2023-01
ETSI TS 103636-2 V 1.4.1	DECT-2020 New Radio (NR) – Part 2: Radio reception and transmission requirements – Release 1	33.070.30	2023-01
ETSI TS 103636-3 V 1.4.1	DECT-2020 New Radio (NR) – Part 3: Physical layer – Release 1	33.070.30	2023-01
ETSI TS 103636-4 V 1.4.1	DECT-2020 New Radio (NR) – Part 4: MAC layer – Release 1	33.070.30	2023-01
ETSI TS 103636-5 V 1.4.1	DECT-2020 New Radio (NR) – Part 5: DLC and Convergence layers – Release 1	33.070.30	2023-01
ETSI TS 103759 V 2.1.1	Intelligent Transport Systems (ITS) – Security – Misbehaviour Reporting service – Release 2	35.240.60	2023-01
ETSI TR 103853 V 1.1.1	System Reference document (SRdoc) – Road ITS equipment operating in the 5,9 GHz band with channel bandwidths larger than 10 MHz	33.100.10	2023-01
ETSI TS 103863 V 1.1.1	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	47.020.70	2023-01
ETSI TS 103864 V 1.1.1	Cyber Security – Security Threats and related Requirements for Consumer Sensor Hubs	33.040.99; 35.030	2023-01
ETSI TS 103999-1 V 15.2.0	Smart Secure Platform (SSP) – Part 1: Test Specification, general characteristics (Release 15)	35.240.15	2023-01
ETSI TR 119411-5 V 1.1.1	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	33.040.01	2023-01
ETSI TR 121917 V 17.0.1	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)	33.070.50	2023-01
ETSI TS 122268 V 18.2.0	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)	33.070.50	2023-01
ETSI TS 123003 V 17.8.0	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)	33.070.50	2023-01
ETSI TS 123041 V 18.1.0	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)	33.070.50	2023-01
ETSI TS 123122 V 17.9.0	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)	33.070.50	2023-01
ETSI TS 123247 V 17.5.0	5G – Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.5.0 Release 17)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123255 V 17.4.0	LTE – Application layer support for Uncrewed Aerial System (UAS) – Functional architecture and information flows (3GPP TS 23.255 version 17.4.0 Release 17)	33.070.50	2023-01
ETSI TS 123256 V 17.5.0	5G – Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking – Stage 2 (3GPP TS 23.256 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TS 123273 V 17.7.0	5G – 5G System (5GS) Location Services (LCS) – Stage 2 (3GPP TS 23.273 version 17.7.0 Release 17)	33.070.50	2023-01
ETSI TS 123287 V 17.5.0	5G – Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TS 123288 V 17.7.0	5G – Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.7.0 Release 17)	33.070.50	2023-01
ETSI TS 123304 V 17.5.0	5G – Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TS 123316 V 17.4.0	5G – Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 17.4.0 Release 17)	33.070.50	2023-01
ETSI TS 123401 V 17.7.0	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)	33.070.50	2023-01
ETSI TS 123501 V 16.15.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.15.0 Release 16)	33.070.50	2023-01
ETSI TS 123501 V 17.7.0	5G – System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.7.0 Release 17)	33.070.50	2023-01
ETSI TS 123502 V 16.15.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.15.0 Release 16)	33.070.50	2023-01
ETSI TS 123502 V 17.7.0	5G – Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.7.0 Release 17)	33.070.50	2023-01
ETSI TS 123503 V 16.13.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 16.13.0 Release 16)	33.070.50	2023-01
ETSI TS 123503 V 17.7.0	5G – Policy and charging control framework for the 5G System (5GS) – Stage 2 (3GPP TS 23.503 version 17.7.0 Release 17)	33.070.50	2023-01
ETSI TS 123527 V 17.6.0	5G – 5G System – Restoration procedures (3GPP TS 23.527 version 17.6.0 Release 17)	33.070.99	2023-01
ETSI TS 123548 V 17.5.0	5G – 5G System Enhancements for Edge Computing – Stage 2 (3GPP TS 23.548 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TS 123558 V 17.6.0	5G – Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.6.0 Release 17)	33.070.50	2023-01
ETSI TS 124193 V 17.7.0	5G – 5G System – Access Traffic Steering, Switching and Splitting (ATSSS) – Stage 3 (3GPP TS 24.193 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 124229 V 14.17.0	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)	33.070.50	2023-01
ETSI TS 124229 V 15.14.0	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)	33.070.50	2023-01
ETSI TS 124229 V 16.11.0	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)	33.070.50	2023-01
ETSI TS 124229 V 17.9.0	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)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124257 V 17.3.0	5G – Uncrewed Aerial System (UAS) Application Enabler (UAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.257 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 124281 V 17.9.0	LTE – Mission Critical Video (MCVideo) signalling control – Protocol specification (3GPP TS 24.281 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 124282 V 17.9.0	LTE – Mission Critical Data (MCDData) signalling control – Protocol specification (3GPP TS 24.282 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 124301 V 17.9.0	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)	33.070.50	2023-01
ETSI TS 124302 V 17.7.0	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)	33.070.50	2023-01
ETSI TS 124379 V 17.9.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 124385 V 16.3.0	LTE – V2X services Management Object (MO) (3GPP TS 24.385 version 16.3.0 Release 16)	33.070.50	2023-01
ETSI TS 124385 V 17.1.0	LTE – V2X services Management Object (MO) (3GPP TS 24.385 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 124386 V 17.1.0	LTE – User Equipment (UE) to V2X control function – protocol aspects – Stage 3 (3GPP TS 24.386 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 124484 V 14.15.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 14.15.0 Release 14)	33.070.99	2023-01
ETSI TS 124484 V 15.14.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 15.14.0 Release 15)	33.070.99	2023-01
ETSI TS 124484 V 16.14.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 124484 V 17.8.0	LTE – Mission Critical Services (MCS) configuration management – Protocol specification (3GPP TS 24.484 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 124486 V 17.5.0	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) layer – Protocol aspects – Stage 3 (3GPP TS 24.486 version 17.5.0 Release 17)	33.070.99	2023-01
ETSI TS 124501 V 17.9.0	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 124502 V 17.7.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 124526 V 17.8.0	5G – User Equipment (UE) policies for 5G System (5GS) – Stage 3 (3GPP TS 24.526 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 124538 V 17.2.0	5G – Enabling MSGin5G Service – Protocol specification (3GPP TS 24.538 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 124544 V 17.4.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 17.4.0 Release 17)	33.070.99	2023-01
ETSI TS 124545 V 17.5.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 17.5.0 Release 17)	33.070.99	2023-01
ETSI TS 124546 V 17.5.0	5G – Configuration management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.546 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TS 124548 V 17.3.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 17.3.0 Release 17)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124554 V 17.3.0	5G – Proximity-services (ProSe) in 5G System (5GS) protocol aspects – Stage 3 (3GPP TS 24.554 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 124555 V 17.3.0	5G – Proximity-services (ProSe) in 5G System (5GS) – User Equipment (UE) policies – Stage 3 (3GPP TS 24.555 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 124558 V 17.2.0	5G – Enabling Edge Applications – Protocol specification (3GPP TS 24.558 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 124571 V 17.3.0	5G – 5G System (5GS) – Control plane Location Services (LCS) procedures – Stage 3 (3GPP TS 24.571 version 17.3.0 Release 17)	33.070.50; 33.070.99	2023-01
ETSI TS 124587 V 17.8.0	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – Stage 3 (3GPP TS 24.587 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 124588 V 17.2.0	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)	33.070.99	2023-01
ETSI TS 126114 V 16.12.0	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)	33.070.50	2023-01
ETSI TS 126114 V 17.6.0	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)	33.070.50	2023-01
ETSI TS 126131 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Terminal acoustic characteristics for telephony – Requirements (3GPP TS 26.131 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 126247 V 17.2.0	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)	33.070.50	2023-01
ETSI TS 126346 V 16.11.1	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)	33.070.50	2023-01
ETSI TS 126346 V 17.2.1	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)	33.070.50	2023-01
ETSI TS 126347 V 17.2.0	LTE – Multimedia Broadcast/Multicast Service (MBMS) – Application Programming Interface and URL (3GPP TS 26.347 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 126410 V 17.0.1	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)	33.070.50	2023-01
ETSI TS 126447 V 17.1.0	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)	33.070.50	2023-01
ETSI TS 126501 V 17.4.0	5G – 5G Media Streaming (5GMS) – General description and architecture (3GPP TS 26.501 version 17.4.0 Release 17)	33.070.50	2023-01
ETSI TS 126502 V 17.3.0	5G – 5G Multicast-Broadcast User Service Architecture (3GPP TS 26.502 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 126512 V 16.8.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 16.8.0 Release 16)	33.070.50	2023-01
ETSI TS 126512 V 17.3.0	5G – 5G Media Streaming (5GMS) – Protocols (3GPP TS 26.512 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 126517 V 17.1.0	LTE – 5G – 5G Multicast-Broadcast User Services – Protocols and Formats (3GPP TS 26.517 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TR 126973 V 17.1.0	5G – Update to fixed-point basic operators (3GPP TR 26.973 version 17.1.0 Release 17)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 127007 V 17.8.0	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)	33.070.50	2023-01
ETSI TS 128104 V 17.2.0	5G – Management and orchestration – Management Data Analytics (MDA) (3GPP TS 28.104 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 128105 V 17.2.0	5G – Management and orchestration – Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 128312 V 17.2.0	LTE – 5G – Management and orchestration – Intent driven management services for mobile networks (3GPP TS 28.312 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 128313 V 17.7.0	5G – Management and orchestration – Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 17.7.0 Release 17)	33.070.50	2023-01
ETSI TS 128404 V 16.4.0	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)	33.070.50	2023-01
ETSI TS 128404 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 128405 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 128531 V 15.11.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 15.11.0 Release 15)	33.070.50	2023-01
ETSI TS 128531 V 16.14.1	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 16.14.1 Release 16)	33.070.50	2023-01
ETSI TS 128531 V 17.6.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 17.6.0 Release 17)	33.070.50	2023-01
ETSI TS 128532 V 16.13.0	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 16.13.0 Release 16)	33.070.50	2023-01
ETSI TS 128532 V 17.3.0	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 128540 V 17.3.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 1 (3GPP TS 28.540 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 128541 V 15.9.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 15.9.0 Release 15)	33.070.50	2023-01
ETSI TS 128541 V 16.14.1	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.14.1 Release 16)	33.070.50	2023-01
ETSI TS 128541 V 17.9.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 17.9.0 Release 17)	33.070.50	2023-01
ETSI TS 128552 V 17.9.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 17.9.0 Release 17)	33.070.50	2023-01
ETSI TS 128622 V 16.14.0	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)	33.070.50	2023-01
ETSI TS 128622 V 17.4.1	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)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128623 V 15.6.0	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)	33.070.50	2023-01
ETSI TS 128623 V 16.13.0	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)	33.070.50	2023-01
ETSI TS 128623 V 17.4.2	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)	33.070.50	2023-01
ETSI TS 129122 V 17.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129128 V 16.6.0	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)	33.070.99	2023-01
ETSI TS 129128 V 17.1.0	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)	33.070.99	2023-01
ETSI TS 129165 V 17.5.0	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)	33.070.50	2023-01
ETSI TS 129171 V 16.5.0	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)	33.070.50	2023-01
ETSI TS 129171 V 17.2.0	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)	33.070.50	2023-01
ETSI TS 129222 V 15.12.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 15.12.0 Release 15)	33.070.99	2023-01
ETSI TS 129222 V 16.10.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 16.10.0 Release 16)	33.070.99	2023-01
ETSI TS 129222 V 17.7.0	LTE – 5G – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 129244 V 17.7.1	LTE – 5G – Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.7.1 Release 17)	33.070.99	2023-01
ETSI TS 129255 V 17.3.0	5G – Uncrewed Aerial System Service Supplier (USS) Services – Stage 3 (3GPP TS 29.255 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129256 V 17.3.0	5G – Uncrewed Aerial Systems Network Function (UAS-NF) – Aerial Management Services – Stage 3 (3GPP TS 29.256 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129273 V 17.5.0	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)	33.070.50	2023-01
ETSI TS 129283 V 14.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – Diameter data management applications (3GPP TS 29.283 version 14.5.0 Release 14)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129283 V 15.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Diameter data management applications (3GPP TS 29.283 version 15.2.0 Release 15)	33.070.99	2023-01
ETSI TS 129283 V 16.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Diameter data management applications (3GPP TS 29.283 version 16.1.0 Release 16)	33.070.99	2023-01
ETSI TS 129283 V 17.1.0	Universal Mobile Telecommunications System (UMTS) – LTE – Diameter data management applications (3GPP TS 29.283 version 17.1.0 Release 17)	33.070.99	2023-01
ETSI TS 129500 V 17.9.0	5G – 5G System – Technical Realization of Service Based Architecture – Stage 3 (3GPP TS 29.500 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 129502 V 16.14.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 129502 V 17.7.0	5G – 5G System – Session Management Services – Stage 3 (3GPP TS 29.502 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 129503 V 16.14.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 129503 V 17.9.0	5G – 5G System – Unified Data Management Services – Stage 3 (3GPP TS 29.503 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 129504 V 17.9.0	5G – 5G System – Unified Data Repository Services – Stage 3 (3GPP TS 29.504 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 129505 V 17.9.0	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)	33.070.99	2023-01
ETSI TS 129508 V 17.9.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 129509 V 17.8.0	5G – 5G System – Authentication Server Services – Stage 3 (3GPP TS 29.509 version 17.8.0 Release 17)	33.070.50	2023-01
ETSI TS 129510 V 16.13.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 16.13.0 Release 16)	33.070.99	2023-01
ETSI TS 129510 V 17.8.0	5G – 5G System – Network function repository services – Stage 3 (3GPP TS 29.510 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129512 V 16.15.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 16.15.0 Release 16)	33.070.99	2023-01
ETSI TS 129512 V 17.9.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 129513 V 17.9.0	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)	33.070.99	2023-01
ETSI TS 129514 V 15.14.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 15.14.0 Release 15)	33.070.99	2023-01
ETSI TS 129514 V 16.15.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 16.15.0 Release 16)	33.070.99	2023-01
ETSI TS 129514 V 17.7.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 129517 V 17.8.0	5G – 5G System – Application Function Event Exposure Service – Stage 3 (3GPP TS 29.517 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129518 V 16.14.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 129518 V 17.8.0	5G – 5G System – Access and Mobility Management Services – Stage 3 (3GPP TS 29.518 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129519 V 17.9.0	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)	33.070.99	2023-01
ETSI TS 129520 V 17.9.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 129521 V 17.7.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 129522 V 16.13.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 16.13.0 Release 16)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129522 V 17.8.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129525 V 17.9.0	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 17.9.0 Release 17)	33.070.99	2023-01
ETSI TS 129526 V 17.7.0	5G – 5G System – Network Slice-Specific and SNPN Authentication and Authorization services – Stage 3 (3GPP TS 29.526 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 129532 V 17.3.0	5G – 5G System – 5G Multicast-Broadcast Session Management Services – Stage 3 (3GPP TS 29.532 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129534 V 17.3.0	5G – 5G System – Access and Mobility Policy Authorization Service – Stage 3 (3GPP TS 29.534 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129535 V 17.7.0	5G – 5G System – AKMA Anchor Services – Stage 3 (3GPP TS 29.535 version 17.7.0 Release 17)	33.070.50	2023-01
ETSI TS 129537 V 17.1.0	5G – 5G System – Multicast/Broadcast Policy Control services – Stage 3 (3GPP TS 29.537 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 129549 V 16.6.0	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)	33.070.99	2023-01
ETSI TS 129549 V 17.7.0	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)	33.070.99	2023-01
ETSI TS 129552 V 17.3.0	5G – 5G System – Network Data Analytics signalling flows – Stage 3 (3GPP TS 29.552 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129553 V 17.1.0	5G – 5G System – 5G ProSe Anchor Services – Stage 3 (3GPP TS 29.553 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 129556 V 17.2.0	5G – Edge Application Server Discovery Services – Stage 3 (3GPP TS 29.556 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 129557 V 17.3.0	5G – 5G System – Application Function ProSe Service – Stage 3 (3GPP TS 29.557 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129558 V 17.2.0	5G – Enabling Edge Applications – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.558 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 129559 V 17.2.0	5G – 5G System – 5G ProSe Key Management Services – Stage 3 (3GPP TS 29.559 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 129561 V 17.8.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129565 V 17.2.0	5G – 5G System – Time Sensitive Communication and Time Synchronization Function Services – Stage 3 (3GPP TS 29.565 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 129571 V 17.8.0	5G – 5G System – Common Data Types for Service Based Interfaces – Stage 3 (3GPP TS 29.571 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129572 V 17.7.0	5G – 5G System – Location Management Services – Stage 3 (3GPP TS 29.572 version 17.7.0 Release 17)	33.070.99	2023-01
ETSI TS 129574 V 17.3.0	5G – 5G System – Data Collection Coordination Services – Stage 3 (3GPP TS 29.574 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129575 V 17.3.0	5G – 5G System – Analytics Data Repository Services – Stage 3 (3GPP TS 29.575 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129576 V 17.3.0	5G – 5G System – Messaging Framework Adaptor Services – Stage 3 (3GPP TS 29.576 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 129580 V 17.1.0	5G – 5G System – Multicast/Broadcast Service Function services – Stage 3 (3GPP TS 29.580 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 129581 V 17.2.0	5G – 5G System – Multicast/Broadcast Service Transport Services – Stage 3 (3GPP TS 29.581 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 129591 V 17.8.0	5G – 5G System – Network Exposure Function Southbound Services – Stage 3 (3GPP TS 29.591 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 129598 V 17.7.0	5G – Unstructured data storage services (3GPP TS 29.598 version 17.7.0 Release 17)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 131102 V 16.13.0	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)	33.070.50	2023-01
ETSI TS 131102 V 17.8.0	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)	33.070.50	2023-01
ETSI TS 131111 V 15.12.0	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)	33.070.50	2023-01
ETSI TS 131111 V 16.7.0	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)	33.070.50	2023-01
ETSI TS 131111 V 17.6.0	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)	33.070.50	2023-01
ETSI TS 131121 V 16.10.1	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)	33.070.50	2023-01
ETSI TS 131124 V 16.10.1	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)	33.070.50	2023-01
ETSI TS 131130 V 17.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – (U)SIM Application Programming Interface (API) – (U)SIM API for Java Card (3GPP TS 31.130 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 132130 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Network sharing – Concepts and requirements (3GPP TS 32.130 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TS 132155 V 16.1.0	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)	33.070.50	2023-01
ETSI TS 132155 V 17.1.0	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)	33.070.50	2023-01
ETSI TS 132156 V 16.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 16.7.0 Release 16)	33.070.50	2023-01
ETSI TS 132156 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 132158 V 16.8.0	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)	33.070.50	2023-01
ETSI TS 132158 V 17.3.0	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)	33.070.50	2023-01
ETSI TS 132160 V 16.6.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 16.6.0 Release 16)	33.070.50	2023-01
ETSI TS 132160 V 17.6.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 17.6.0 Release 17)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132240 V 17.8.0	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)	33.070.50	2023-01
ETSI TS 132254 V 16.6.0	LTE – 5G – Telecommunication management – Charging management – Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 16.6.0 Release 16)	33.070.50	2023-01
ETSI TS 132254 V 17.3.0	LTE – 5G – Telecommunication management – Charging management – Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 132255 V 16.13.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 16.13.0 Release 16)	33.070.50	2023-01
ETSI TS 132255 V 17.8.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 17.8.0 Release 17)	33.070.50	2023-01
ETSI TS 132256 V 16.3.0	5G – Charging management – 5G connection and mobility domain charging – Stage 2 (3GPP TS 32.256 version 16.3.0 Release 16)	33.070.50	2023-01
ETSI TS 132256 V 17.2.0	5G – Charging management – 5G connection and mobility domain charging – Stage 2 (3GPP TS 32.256 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 132257 V 17.2.0	5G – Telecommunication management – Charging management – Edge computing domain charging (3GPP TS 32.257 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 132260 V 17.5.0	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)	33.070.50	2023-01
ETSI TS 132277 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 132290 V 17.6.0	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)	33.070.50	2023-01
ETSI TS 132291 V 16.14.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 16.14.0 Release 16)	33.070.50	2023-01
ETSI TS 132291 V 17.5.0	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TS 132298 V 16.12.0	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)	33.070.50	2023-01
ETSI TS 132298 V 17.5.0	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)	33.070.50	2023-01
ETSI TS 132422 V 17.9.0	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)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132423 V 16.8.0	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)	33.070.50	2023-01
ETSI TS 132423 V 17.6.0	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 17.6.0 Release 17)	33.070.50	2023-01
ETSI TS 133117 V 16.9.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Catalogue of general security assurance requirements (3GPP TS 33.117 version 16.9.0 Release 16)	33.070.50	2023-01
ETSI TS 133117 V 17.2.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Catalogue of general security assurance requirements (3GPP TS 33.117 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 133122 V 15.4.0	LTE – 5G – Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs (3GPP TS 33.122 version 15.4.0 Release 15)	33.070.50	2023-01
ETSI TS 133122 V 16.4.0	LTE – 5G – Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs (3GPP TS 33.122 version 16.4.0 Release 16)	33.070.50	2023-01
ETSI TS 133122 V 17.1.0	LTE – 5G – Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs (3GPP TS 33.122 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 133127 V 17.7.0	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)	33.070.50	2023-01
ETSI TS 133128 V 16.13.0	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)	33.070.50	2023-01
ETSI TS 133128 V 17.7.0	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)	33.070.50	2023-01
ETSI TS 133179 V 13.12.0	LTE – Security of Mission Critical Push To Talk (MCPTT) over LTE (3GPP TS 33.179 version 13.12.0 Release 13)	33.070.50	2023-01
ETSI TS 133180 V 14.12.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 14.12.0 Release 14)	33.070.50	2023-01
ETSI TS 133180 V 15.13.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 15.13.0 Release 15)	33.070.50	2023-01
ETSI TS 133180 V 16.11.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 16.11.0 Release 16)	33.070.50	2023-01
ETSI TS 133180 V 17.8.0	LTE – Security of the Mission Critical (MC) service (3GPP TS 33.180 version 17.8.0 Release 17)	33.070.50	2023-01
ETSI TS 133216 V 17.0.0	LTE – Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class (3GPP TS 33.216 version 17.0.0 Release 17)	33.070.50	2023-01
ETSI TS 133220 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 133256 V 17.2.0	5G – Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 133310 V 16.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 16.12.0 Release 16)	33.070.50	2023-01
ETSI TS 133310 V 17.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 17.5.0 Release 17)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 133501 V 16.13.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.13.0 Release 16)	33.070.50	2023-01
ETSI TS 133501 V 17.8.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.8.0 Release 17)	33.070.50	2023-01
ETSI TS 133503 V 17.2.0	5G – Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 133511 V 16.9.0	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)	33.070.50	2023-01
ETSI TS 133511 V 17.3.0	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)	33.070.50	2023-01
ETSI TS 133513 V 17.1.0	5G – 5G Security Assurance Specification (SCAS) – User Plane Function (UPF) (3GPP TS 33.513 version 17.1.0 Release 17)	33.070.50	2023-01
ETSI TS 133558 V 17.3.0	5G – Security aspects of enhancement of support for enabling edge applications (3GPP TS 33.558 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TR 133926 V 16.7.0	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)	33.070.50	2023-01
ETSI TR 133926 V 17.6.0	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)	33.070.50	2023-01
ETSI TS 134123-3 V 17.0.0	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)	33.070.50	2023-01
ETSI TS 134229-1 V 16.4.0	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)	33.070.50	2023-01
ETSI TS 134229-2 V 16.5.0	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)	33.070.50	2023-01
ETSI TS 134229-3 V 16.8.0	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)	33.070.50	2023-01
ETSI TS 134229-3 V 17.0.0	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)	33.070.50	2023-01
ETSI TS 134229-5 V 16.5.0	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)	33.070.50	2023-01
ETSI TS 136101 V 14.24.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136101 V 15.20.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136101 V 16.15.0	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)	33.070.50; 33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136101 V 17.8.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136104 V 17.8.0	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)	33.070.50	2023-01
ETSI TS 136133 V 13.23.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136133 V 14.23.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136133 V 15.18.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136133 V 16.15.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136133 V 17.8.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136141 V 15.17.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 15.17.0 Release 15)	33.070.50	2023-01
ETSI TS 136141 V 16.15.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 16.15.0 Release 16)	33.070.50	2023-01
ETSI TS 136141 V 17.8.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Base Station (BS) conformance testing (3GPP TS 36.141 version 17.8.0 Release 17)	33.070.50	2023-01
ETSI TS 136213 V 17.4.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Physical layer procedures (3GPP TS 36.213 version 17.4.0 Release 17)	33.070.50	2023-01
ETSI TS 136300 V 15.14.0	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)	33.070.50	2023-01
ETSI TS 136300 V 16.9.0	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)	33.070.50	2023-01
ETSI TS 136300 V 17.3.0	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)	33.070.50	2023-01
ETSI TS 136304 V 17.3.0	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)	33.070.50	2023-01
ETSI TS 136306 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 136307 V 17.3.0	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)	33.070.50	2023-01
ETSI TS 136321 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 136323 V 16.7.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 16.7.0 Release 16)	33.070.50	2023-01
ETSI TS 136323 V 17.2.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 17.2.0 Release 17)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136331 V 15.20.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 15.20.0 Release 15)	33.070.50	2023-01
ETSI TS 136331 V 16.11.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 16.11.0 Release 16)	33.070.50	2023-01
ETSI TS 136331 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Radio Resource Control (RRC) – Protocol specification (3GPP TS 36.331 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 136413 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 136423 V 17.3.0	LTE – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) – X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 136508 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 136509 V 16.4.0	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)	33.070.50	2023-01
ETSI TS 136509 V 17.2.0	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)	33.070.50	2023-01
ETSI TS 136521-1 V 17.5.0	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)	33.070.50	2023-01
ETSI TS 136521-2 V 16.15.0	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)	33.070.50	2023-01
ETSI TS 136521-2 V 17.1.0	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)	33.070.50	2023-01
ETSI TS 136521-3 V 16.15.0	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)	33.070.50	2023-01
ETSI TS 136523-1 V 16.12.0	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)	33.070.50	2023-01
ETSI TS 136523-2 V 16.12.0	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)	33.070.50	2023-01
ETSI TS 136523-2 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 136523-3 V 17.5.0	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)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 136579-1 V 15.8.0	LTE – Mission Critical (MC) services over LTE – Part 1: Common test environment (3GPP TS 36.579-1 version 15.8.0 Release 15)	33.070.99	2023-01
ETSI TS 136579-2 V 14.12.0	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)	33.070.99	2023-01
ETSI TS 136579-2 V 15.6.0	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)	33.070.99	2023-01
ETSI TS 136579-5 V 14.9.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.9.0 Release 14)	33.070.99	2023-01
ETSI TS 136579-5 V 15.1.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 15.1.0 Release 15)	33.070.99	2023-01
ETSI TS 136579-5 V 16.0.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 16.0.0 Release 16)	33.070.99	2023-01
ETSI TS 136579-5 V 17.0.0	LTE – Mission Critical (MC) services over LTE – Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 17.0.0 Release 17)	33.070.99	2023-01
ETSI TS 136579-6 V 15.5.0	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)	33.070.99	2023-01
ETSI TS 136579-7 V 15.4.0	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)	33.070.99	2023-01
ETSI TR 136903 V 15.6.0	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)	33.070.50	2023-01
ETSI TS 137141 V 15.20.0	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)	33.070.50	2023-01
ETSI TS 137141 V 16.16.0	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)	33.070.50	2023-01
ETSI TS 137141 V 17.8.0	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)	33.070.50	2023-01
ETSI TS 137213 V 16.11.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.11.0 Release 16)	33.070.99	2023-01
ETSI TS 137213 V 17.4.0	LTE – 5G – Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 17.4.0 Release 17)	33.070.99	2023-01
ETSI TS 137320 V 17.2.0	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)	33.070.50	2023-01
ETSI TS 137340 V 16.12.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 16.12.0 Release 16)	33.070.99	2023-01
ETSI TS 137340 V 17.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – NR – Multi-connectivity – Overall description – Stage-2 (3GPP TS 37.340 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 137355 V 16.9.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.9.0 Release 16)	33.070.50	2023-01
ETSI TS 137355 V 17.3.0	LTE – 5G – LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 17.3.0 Release 17)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 137483 V 17.3.0	5G – E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 137571-1 V 16.15.0	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)	33.070.50	2023-01
ETSI TS 137571-2 V 16.14.0	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)	33.070.50	2023-01
ETSI TS 137571-3 V 16.14.0	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)	33.070.50	2023-01
ETSI TS 137571-4 V 16.8.0	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)	33.070.50	2023-01
ETSI TS 137571-4 V 17.0.0	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)	33.070.50	2023-01
ETSI TS 137571-5 V 16.10.0	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)	33.070.50	2023-01
ETSI TS 138101-1 V 15.20.0	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)	33.070.99	2023-01
ETSI TS 138101-1 V 16.14.0	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)	33.070.99	2023-01
ETSI TS 138101-1 V 17.8.0	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)	33.070.99	2023-01
ETSI TS 138101-2 V 15.20.0	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)	33.070.99	2023-01
ETSI TS 138101-2 V 16.14.0	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)	33.070.99	2023-01
ETSI TS 138101-2 V 17.8.0	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)	33.070.99	2023-01
ETSI TS 138101-3 V 15.20.0	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)	33.070.99	2023-01
ETSI TS 138101-3 V 16.14.0	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)	33.070.99	2023-01
ETSI TS 138101-3 V 17.8.0	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)	33.070.99	2023-01
ETSI TS 138101-4 V 15.16.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 15.16.0 Release 15)	33.070.99	2023-01
ETSI TS 138101-4 V 16.11.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 16.11.0 Release 16)	33.070.99	2023-01
ETSI TS 138101-4 V 17.7.0	5G – NR – User Equipment (UE) radio transmission and reception – Part 4: Performance requirements (3GPP TS 38.101-4 version 17.7.0 Release 17)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138101-5 V 17.2.0	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)	33.070.50	2023-01
ETSI TS 138104 V 16.14.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 138104 V 17.8.0	5G – NR – Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 138106 V 17.3.0	5G – NR repeater radio transmission and reception (3GPP TS 38.106 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138108 V 17.2.0	5G – NR – Satellite Access Node radio transmission and reception (3GPP TS 38.108 version 17.2.0 Release 17)	33.070.50	2023-01
ETSI TS 138114 V 17.2.0	5G – NR – Repeaters ElectroMagnetic Compatibility (EMC) (3GPP TS 38.114 version 17.2.0 Release 17)	33.070.99	2023-01
ETSI TS 138115-1 V 17.0.0	5G – NR – Repeater conformance testing – Part 1: Conducted conformance testing (3GPP TS 38.115-1 version 17.0.0 Release 17)	33.070.50	2023-01
ETSI TS 138115-2 V 17.0.0	5G – NR – Repeater conformance testing – Part 2: Radiated conformance testing (3GPP TS 38.115-2 version 17.0.0 Release 17)	33.070.50	2023-01
ETSI TS 138133 V 15.20.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.20.0 Release 15)	33.070.99	2023-01
ETSI TS 138133 V 16.14.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 138133 V 17.8.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 138141-1 V 15.14.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.14.0 Release 15)	33.070.99	2023-01
ETSI TS 138141-1 V 16.14.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 138141-1 V 17.8.0	5G – NR – Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 138141-2 V 15.16.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.16.0 Release 15)	33.070.99	2023-01
ETSI TS 138141-2 V 16.14.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 138141-2 V 17.8.0	5G – NR – Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 138151 V 17.3.0	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)	33.070.99	2023-01
ETSI TS 138161 V 17.1.0	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)	33.070.50	2023-01
ETSI TS 138174 V 17.2.0	5G – NR – Integrated Access and Backhaul (IAB) radio transmission and reception (3GPP TS 38.174 version 17.2.0 Release 17)	33.070.99	2023-01
ETSI TS 138176-1 V 17.3.0	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)	33.070.99	2023-01
ETSI TS 138176-2 V 17.3.0	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)	33.070.99	2023-01
ETSI TS 138202 V 17.3.0	5G – NR – Services provided by the physical layer (3GPP TS 38.202 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138211 V 17.4.0	5G – NR – Physical channels and modulation (3GPP TS 38.211 version 17.4.0 Release 17)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138212 V 17.4.0	5G – NR – Multiplexing and channel coding (3GPP TS 38.212 version 17.4.0 Release 17)	33.070.99	2023-01
ETSI TS 138213 V 16.12.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 16.12.0 Release 16)	33.070.99	2023-01
ETSI TS 138213 V 17.4.0	5G – NR – Physical layer procedures for control (3GPP TS 38.213 version 17.4.0 Release 17)	33.070.99	2023-01
ETSI TS 138214 V 16.12.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 16.12.0 Release 16)	33.070.99	2023-01
ETSI TS 138214 V 17.4.0	5G – NR – Physical layer procedures for data (3GPP TS 38.214 version 17.4.0 Release 17)	33.070.99	2023-01
ETSI TS 138300 V 16.11.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 16.11.0 Release 16)	33.070.99	2023-01
ETSI TS 138300 V 17.3.0	5G – NR – NR and NG-RAN Overall description – Stage-2 (3GPP TS 38.300 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138304 V 17.3.0	5G – NR – User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138305 V 17.3.0	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)	33.070.99	2023-01
ETSI TS 138306 V 15.19.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.19.0 Release 15)	33.070.99	2023-01
ETSI TS 138306 V 16.11.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.11.0 Release 16)	33.070.99	2023-01
ETSI TS 138306 V 17.3.0	5G – NR – User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138307 V 16.12.0	5G – NR – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.12.0 Release 16)	33.070.99	2023-01
ETSI TS 138307 V 17.8.0	5G – NR – Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 17.8.0 Release 17)	33.070.99	2023-01
ETSI TS 138314 V 17.2.0	5G – NR – Layer 2 measurements (3GPP TS 38.314 version 17.2.0 Release 17)	33.070.99	2023-01
ETSI TS 138321 V 16.11.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.11.0 Release 16)	33.070.99	2023-01
ETSI TS 138321 V 17.3.0	5G – NR – Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138322 V 17.2.0	5G – NR – Radio Link Control (RLC) protocol specification (3GPP TS 38.322 version 17.2.0 Release 17)	33.070.99	2023-01
ETSI TS 138323 V 16.8.0	5G – NR – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 16.8.0 Release 16)	33.070.99	2023-01
ETSI TS 138323 V 17.3.0	5G – NR – Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138331 V 15.20.1	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 15.20.1 Release 15)	33.070.99	2023-01
ETSI TS 138331 V 16.11.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 16.11.0 Release 16)	33.070.99	2023-01
ETSI TS 138331 V 17.3.0	5G – NR – Radio Resource Control (RRC) – Protocol specification (3GPP TS 38.331 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138340 V 17.3.0	5G – NR – Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138351 V 17.3.0	5G – NR – Sidelink Relay Adaptation Protocol (SRAP) Specification (3GPP TS 38.351 version 17.3.0 Release 17)	33.070.50	2023-01
ETSI TS 138401 V 17.3.0	5G – NG-RAN – Architecture description (3GPP TS 38.401 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138413 V 17.3.0	5G – NG-RAN – NG Application Protocol (NGAP) (3GPP TS 38.413 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138423 V 16.12.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.12.0 Release 16)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 138423 V 17.3.0	5G – NG-RAN – Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138425 V 17.2.0	5G – NG-RAN – NR user plane protocol (3GPP TS 38.425 version 17.2.0 Release 17)	33.070.99	2023-01
ETSI TS 138455 V 16.10.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.10.0 Release 16)	33.070.99	2023-01
ETSI TS 138455 V 17.3.0	5G – NG-RAN – NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138463 V 16.12.0	5G – NG-RAN – E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.12.0 Release 16)	33.070.99	2023-01
ETSI TS 138470 V 16.8.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 16.8.0 Release 16)	33.070.99	2023-01
ETSI TS 138470 V 17.3.0	5G – NG-RAN – F1 general aspects and principles (3GPP TS 38.470 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138473 V 16.12.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.12.0 Release 16)	33.070.99	2023-01
ETSI TS 138473 V 17.3.0	5G – NG-RAN – F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.3.0 Release 17)	33.070.99	2023-01
ETSI TS 138508-2 V 17.7.0	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)	33.070.99	2023-01
ETSI TS 138509 V 17.2.0	LTE – 5G – 5GS – Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 17.2.0 Release 17)	33.070.99	2023-01
ETSI TS 138521-1 V 15.4.0	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)	33.070.99	2023-01
ETSI TS 138521-2 V 16.14.0	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)	33.070.99	2023-01
ETSI TS 138521-3 V 17.7.0	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)	33.070.99	2023-01
ETSI TS 138521-4 V 16.14.0	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)	33.070.99	2023-01
ETSI TS 138522 V 17.7.0	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)	33.070.99	2023-01
ETSI TS 138523-1 V 16.14.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 1: Protocol (3GPP TS 38.523-1 version 16.14.0 Release 16)	33.070.99	2023-01
ETSI TS 138523-2 V 16.14.0	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)	33.070.99	2023-01
ETSI TS 138523-2 V 17.1.0	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)	33.070.99	2023-01
ETSI TS 138523-3 V 17.5.0	LTE – 5G – 5GS – User Equipment (UE) conformance specification – Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 17.5.0 Release 17)	33.070.99	2023-01
ETSI TS 138533 V 17.5.0	5G – NR – User Equipment (UE) conformance specification – Radio Resource Management (RRM) (3GPP TS 38.533 version 17.5.0 Release 17)	33.070.50	2023-01
ETSI TR 138903 V 16.14.0	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)	33.070.99	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 138903 V 17.0.0	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)	33.070.99	2023-01
ETSI TR 138905 V 15.4.0	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)	33.070.99	2023-01
ETSI TR 138905 V 17.7.0	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)	33.070.99	2023-01
ETSI ES 201468 V 1.7.1	Additional ElectroMagnetic Compatibility (EMC) requirements and resistibility requirements for telecommunications equipment for enhanced availability of service in specific applications	33.100.10	2023-01
ETSI GS ARF 004-4 V 1.1.1	Augmented Reality Framework (ARF) – Interoperability Requirements for AR components, systems and services – Part 4: World Analysis, World Storage and Scene Management functions	35.040.40; 35.140	2023-01
ETSI GS F5G 012 V 1.1.1	Fifth Generation Fixed Network (F5G) – Security – F5G Security Countermeasure Framework Specification	35.110	2023-01
ETSI GR ENI 013 V 1.1.1	Experiential Networked Intelligence (ENI) – Intent Policy Model Gap Analysis	35.110	2023-01
ETSI GR F5G 007 V 1.1.1	Fifth Generation Fixed Network (F5G) – F5G Industrial PON	35.110	2023-01
ETSI GR IPE 007 V 1.1.1	IPv6 Enhanced innovation (IPE) – IPv6-based 5G for Connected and Automated Mobility	35.240.95	2023-01
ETSI GR NFV 003 V 1.7.1	Network Functions Virtualisation (NFV) – Terminology for Main Concepts in NFV	33.040.40; 35.110	2023-01
ETSI GS MEC 013 V 3.1.1	Multi-access Edge Computing (MEC) – Location API	33.070.99	2023-01
ETSI GS NFV-IFA 048 V 4.4.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Policy Information Model Specification	35.110	2023-01
ETSI GS NFV-SOL 009 V 3.7.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – RESTful protocols specification for the management of NFV-MANO	35.110	2023-01
ETSI GS PDL 015 V 1.1.1	Permissioned Distributed Ledger (PDL) – Reputation management	35.240.99	2023-01
EN 300132-3 V 2.3.1	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)	33.050.01	2023-01
EN 301489-3 V 2.3.2	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	33.100.10	2023-01
EN 301908-1 V 15.2.1	IMT cellular networks – Harmonised Standard for access to radio spectrum – Part 1: Introduction and common requirements – Release 15	33.070.01	2023-01
EN 303808 V 1.1.1	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	13.020.20; 35.110	2023-01
ETSI TS 126447 V 17.0.1	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)	33.070.50	2023-01
ETSI TS 128623 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 131121 V 16.10.0	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)	33.070.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 131124 V 16.10.0	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)	33.070.50	2023-01
ETSI TS 136101 V 17.7.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136133 V 17.7.0	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)	33.070.50; 33.070.99	2023-01
ETSI TS 136521-3 V 17.0.0	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)	33.070.50	2023-01
ETSI TS 136523-3 V 17.4.0	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)	33.070.50	2023-01
ETSI TS 138101-3 V 15.19.1	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)	33.070.99	2023-01
ETSI TS 138133 V 15.19.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 15.19.0 Release 15)	33.070.99	2023-01
ETSI TS 138133 V 16.13.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.13.0 Release 16)	33.070.99	2023-01

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 734	Oilseed meals – Determination of oil content – Extraction method with hexane (or light petroleum)	67.200.20	2023-01
ISO 1206	Rolling bearings – Needle roller bearings with machined rings – Boundary dimensions, geometrical product specifications (GPS) and tolerance values	21.100.20	2023-01
ISO 1242	Essential oils – Determination of acid value by two titration methods, manual and automatic	71.100.60	2023-01
ISO/IEC 1989	Information technology – Programming languages, their environments and system software interfaces – Programming language COBOL	35.060	2023-01
ISO 2811-1	Paints and varnishes – Determination of density – Part 1: Pycnometer method	87.040	2023-01
ISO 3021	Adventure tourism – Hiking and trekking activities – Requirements and recommendations	03.080.30; 03.200.10	2023-01
ISO 3169	Fine ceramics (advanced ceramics, advanced technical ceramics) – Methods for chemical analysis of impurities in aluminium oxide powders using inductively coupled plasma-optical emission spectrometry	81.060.30	2023-01
ISO 3245	Rolling bearings – Needle roller bearings with drawn cup and without inner ring – Boundary dimensions, geometrical product specifications (GPS) and tolerance values	21.100.20	2023-01
ISO 3402	Tobacco and tobacco products – Atmosphere for conditioning and testing	65.160	2023-01
ISO 3894	Road vehicles – Wheels/rims for commercial vehicles – Test methods	43.040.50	2023-01
ISO 4210-1	Cycles – Safety requirements for bicycles – Part 1: Vocabulary	01.040.43; 43.150	2023-01
ISO 4210-2	Cycles – Safety requirements for bicycles – Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles	43.150	2023-01
ISO 4210-3	Cycles – Safety requirements for bicycles – Part 3: Common test methods	43.150	2023-01
ISO 4210-4	Cycles – Safety requirements for bicycles – Part 4: Braking test methods	43.150	2023-01
ISO 4210-5	Cycles – Safety requirements for bicycles – Part 5: Steering test methods	43.150	2023-01
ISO 4210-6	Cycles – Safety requirements for bicycles – Part 6: Frame and fork test methods	43.150	2023-01
ISO 4210-7	Cycles – Safety requirements for bicycles – Part 7: Wheel and rim test methods	43.150	2023-01
ISO 4210-8	Cycles – Safety requirements for bicycles – Part 8: Pedal and drive system test methods	43.150	2023-01
ISO 4210-9	Cycles – Safety requirements for bicycles – Part 9: Saddles and seat-post test methods	43.150	2023-01
ISO 4825-1	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for thermal property measurements of metalized ceramic substrates – Part 1: Evaluation of thermal resistance for use in power modules	81.060.30	2023-01
ISO 5158	Mobile financial services – Customer identification guidelines	3.060	2023-01
ISO 5173	Destructive tests on welds in metallic materials – Bend tests	25.160.40	2023-01
ISO 5361	Anaesthetic and respiratory equipment – Tracheal tubes and connectors	11.040.10	2023-01
ISO 5370	Solid biofuels – Determination of fines content in pellets	27.190; 75.160.40	2023-01
ISO 5677	Testing and characterization of mechanically recycled polypropylene (PP) and polyethylene (PE) for intended use in different plastics processing techniques	83.080.01	2023-01
ISO 5803	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for determination of monoclinic phase in zirconia	81.060.30	2023-01
ISO/DTR 6057	Hydraulic fluid power – Sample calculations for ISO 11171	23.100.60	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 6502-3	Rubber – Measurement of vulcanization characteristics using curemeters – Part 3: Rotorless curemeter	83.060	2023-01
ISO 7142	Binders for paints and varnishes – Epoxy resins – General methods of test	87.060.20	2023-01
ISO 7209	Titanium and titanium alloys – Plate, sheet and strip – Technical delivery conditions	77.120.50	2023-01
ISO/TR 7340	Reference data distribution in financial services	03.060; 35.240.40	2023-01
ISO 7704	Water quality – Requirements for the performance testing of membrane filters used for direct enumeration of microorganisms by culture methods	07.100.20	2023-01
ISO 8098	Cycles – Safety requirements for bicycles for young children	43.150; 97.190	2023-01
ISO 8130-15	Coating powders – Part 15: Rheology	87.040	2023-01
ISO 8536-2	Infusion equipment for medical use – Part 2: Closures for infusion bottles	11.040.20	2023-01
ISO 8559-4	Size designation of clothes – Part 4: Determination of the coverage ratios of body measurement tables	61.020	2023-01
ISO 8600-4	Endoscopes – Medical endoscopes and endotherapy devices – Part 4: Determination of maximum width of insertion portion	11.040.55	2023-01
ISO/IEC/IEEE 8802-1AS Technical Corrigendum 1	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; Technical Corrigendum 1	35.110	2023-01
ISO 9184-1	Paper, board and pulps – Fibre furnish analysis – Part 1: General method	85.040; 85.060	2023-01
ISO 9462	Alpine ski-bindings – Requirements and test methods	97.220.20	2023-01
ISO/IEC 9660	Information processing – Volume and file structure of CD-ROM for information interchange	35.220.30	2023-01
ISO 9847	Solar energy – Calibration of pyranometers by comparison to a reference pyranometer	27.160	2023-01
ISO 10272-1 AMD 1	Microbiology of the food chain – Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. – Part 1: Detection method – Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant <i>Campylobacter</i> spp., the use of growth supplement in Preston broth and changes in the performance testing of culture media	07.100.30	2023-01
ISO 10272-2 AMD 1	Microbiology of the food chain – Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. – Part 2: Colony-count technique – Amendment 1: Inclusion of methods for molecular confirmation and identification of thermotolerant <i>Campylobacter</i> spp. and changes in the performance testing of culture media	07.100.30	2023-01
ISO 10943	Ophthalmic instruments – Indirect ophthalmoscopes	11.040.70	2023-01
ISO/IEC 11179-1	Information technology – Metadata registries (MDR) – Part 1: Framework	35.040.50	2023-01
ISO/IEC 11179-3	Information technology – Metadata registries (MDR) – Part 3: Metamodel for registry common facilities	35.040.50	2023-01
ISO/IEC 11179-6	Information technology – Metadata registries (MDR) – Part 6: Registration	35.040.50	2023-01
ISO/IEC 11179-30	Information technology – Metadata registries (MDR) – Part 30: Basic attributes of metadata	35.040.50	2023-01
ISO/IEC 11179-31	Information technology – Metadata registries (MDR) – Part 31: Metamodel for data specification registration	35.040.50	2023-01
ISO/IEC 11179-32	Information technology – Metadata registries (MDR) – Part 32: Metamodel for concept system registration	35.040.50	2023-01
ISO/IEC 11179-33	Information technology – Metadata registries (MDR) – Part 33: Metamodel for data set registration	35.040.50	2023-01
ISO/IEC 11179-35	Information technology – Metadata registries (MDR) – Part 35: Metamodel for model registration	35.040.50	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 11268-2	Soil quality – Effects of pollutants on earthworms – Part 2: Determination of effects on reproduction of <i>Eisenia fetida</i> / <i>Eisenia andrei</i> and other earthworm species	13.080.30	2023-01
ISO 11337	Plastics – Polyamides – Determination of $\dot{\mu}$ -caprolactam and $\dot{\mu}$ -lauro lactam by gas chromatography	83.080.20	2023-01
ISO 11684	Tractors, machinery for agriculture and forestry, powered lawn and garden equipment – Safety labels – General principles	01.080.20; 65.060.01	2023-01
ISO/TS 12103-3	Road vehicles – Test contaminants for filter evaluation – Part 3: Soot contaminant	43.060.20; 43.060.40	2023-01
ISO 12493	Rubber, vulcanized or thermoplastic – Determination of stress in tension under non-isothermal conditions	83.060	2023-01
ISO 12509	Earth-moving machinery and rough-terrain trucks – Lighting, signalling and marking lights, and reflex reflectors	53.100	2023-01
ISO 13491-2	Financial services – Secure cryptographic devices (retail) – Part 2: Security compliance checklists for devices used in financial transactions	35.240.40	2023-01
ISO 13741-1	Plastics/rubber – Determination of residual monomers and other organic components by capillary-column gas chromatography – Part 1: Direct liquid injection method	83.040.10; 83.080.01	2023-01
ISO 14268	Leather – Physical and mechanical tests – Determination of water vapour permeability	59.140.30	2023-01
ISO/IEC 14496-22 AMD 2	Information technology – Coding of audio-visual objects – Part 22: Open Font Format – Amendment 2: Extending colour font functionality and other updates	35.040.40	2023-01
ISO 14619	Space systems – Space experiments – General requirements	49.140	2023-01
ISO 14625	Space systems – Ground support equipment for use at launch, landing or retrieval sites – General requirements	49.100; 49.140	2023-01
ISO 15000-3	Electronic business eXtensible Markup Language (eXML) – Part 3: Registry and repository	35.040.50	2023-01
ISO 15213-1	Microbiology of the food chain – Horizontal method for the detection and enumeration of <i>Clostridium</i> spp. – Part 1: Enumeration of sulfite-reducing <i>Clostridium</i> spp. by colony-count technique	07.100.30	2023-01
ISO/TS 15230-2	Mechanical vibration and shock – Coupling forces at the man-machine interface for hand-transmitted vibration – Part 2: Evaluation of coupling forces	13.160	2023-01
ISO 15706-1	Information and documentation – International Standard Audiovisual Number (ISAN) – Part 1: Audiovisual work identifier	01.140.20	2023-01
ISO 15706-2	Information and documentation – International Standard Audiovisual Number (ISAN) – Part 2: Version identifier	01.140.20	2023-01
ISO 15854	Dentistry – Casting and baseplate waxes	11.060.10	2023-01
ISO 16355-7	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	03.120.30	2023-01
ISO 16654 AMD 2	Microbiology of food and animal feeding stuffs – Horizontal method for the detection of <i>Escherichia coli</i> O157 – Amendment 2: Inclusion of performance testing of all culture media and reagents	07.100.30	2023-01
ISO 17295	Additive manufacturing – General principles – Part positioning, coordinates and orientation	25.030	2023-01
ISO/TS 17870-3	Ceramic tiles – Installation – Part 3: Installation of large format porcelain tiles and panels by mechanical means onto a supporting structure	91.100.23	2023-01
ISO 18246	Electrically propelled mopeds and motorcycles – Safety requirements for conductive connection to an external electric power supply	43.140	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 18314-2	Analytical colorimetry – Part 2: Saunderson correction, solutions of the Kubelka-Munk equation, tinting strength, depth of shade and hiding power	87.060.10	2023-01
ISO 19076	Leather – Measurement of leather surface – Electronic techniques	59.140.30	2023-01
ISO/IEC 19086-2 AMD 1	Cloud computing – Service level agreement (SLA) framework – Part 2: Metric model; Amendment 1	35.210	2023-01
ISO 20048-2	Solid biofuels – Determination of off-gassing and oxygen depletion characteristics – Part 2: Operational method for screening of carbon monoxide off-gassing	27.190; 75.160.40	2023-01
ISO 20902-2	Fire test procedures for divisional elements that are typically used in oil, gas and petrochemical industries – Part 2: Additional procedures for pipe penetration and cable transit sealing systems	13.220.50	2023-01
ISO 20908	Tyre sound emission test – Methods of drum	17.140.30; 83.160.10	2023-01
ISO 20975-1	Fibre-reinforced plastic composites – Determination of laminate through-thickness properties – Part 1: Direct tension and compression tests	83.120	2023-01
ISO/IEC 21558-2	Telecommunications and information exchange between systems – Future network architecture – Part 2: Proxy model-based quality of service	35.100.30	2023-01
ISO/IEC 21559-2	Telecommunications and information exchange between systems – Future network protocols and mechanisms – Part 2: Proxy model-based quality of service	35.100.30	2023-01
ISO 21649	Needle-free injection systems for medical use – Requirements and test methods	11.040.20	2023-01
ISO 21843	Determination of the resistance to hydrocarbon pool fires of fire protection materials and systems for pressure vessels	13.220.50	2023-01
ISO 22009	Space environment (natural and artificial) – Model of the Earth's magnetospheric magnetic field	49.140	2023-01
ISO 22028-3	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)	37.040.99; 37.100.01	2023-01
ISO/TR 22126-3	Financial services – Semantic technology – Part 3: Semantic enrichment of the ISO 20022 conceptual model	03.060; 35.240.40	2023-01
ISO 22135	Road vehicles – Heavy commercial vehicles and buses – Calculation method for steady-state rollover threshold	43.080.01	2023-01
ISO/TS 22218-1	Health informatics – Ophthalmic examination device data – Part 1: General examination devices	35.240.80	2023-01
ISO/TS 22218-2	Health informatics – Ophthalmic examination device data – Part 2: Specular microscope	35.240.80	2023-01
ISO 22328-3	Security and resilience – Emergency management – Part 3: Guidelines for the implementation of a community-based early warning system for tsunamis	03.100.01	2023-01
ISO/IEC 23008-1	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 1: MPEG media transport (MMT)	35.040.40	2023-01
ISO 23230	Space systems – Paints and varnishes – Processes, procedures, and requirements for coating materials and coatings	49.140	2023-01
ISO 23416	General specifications and testing methods for temperature-sensitive medicinal packages in good distribution practice principles	11.120.99; 55.020	2023-01
ISO 23794	Rubber, vulcanized or thermoplastic – Abrasion testing – Guidance	83.060	2023-01
ISO 23930	Fibre-reinforced plastic composites – Full-section compressive test for pultruded profiles	83.120	2023-01
ISO 24120-2	Agricultural irrigation equipment – Guideline on the implementation of pressurized irrigation systems – Part 2: Drip irrigation	65.060.35	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 24144	Thermal insulation – Test methods for specific heat capacity of thermal insulation for buildings in the high temperature range – Differential scanning calorimetry (DSC) method	91.120.10	2023-01
ISO 24412	Space systems – Thermal vacuum environmental testing	49.140	2023-01
ISO 24465	Surface chemical analysis – Determination of the minimum detectability of surface plasmon resonance device	71.040.40	2023-01
ISO/TR 24484	Female condoms – Use of ISO 25841 and the quality management of female condoms	11.200	2023-01
ISO 24684-2	Aggregates for concrete – Test methods for chemical properties – Part 2: Determination of soluble sulfate salts	91.100.30	2023-01
ISO/IEC 24760-1 AMD 1	IT Security and Privacy – A framework for identity management – Part 1: Terminology and concepts; Amendment 1	35.030	2023-01
ISO/IEC 24760-3 AMD 1	Information technology – Security techniques – A framework for identity management – Part 3: Practice – Amendment 1: Identity Information Lifecycle processes	35.030	2023-01
ISO 26162-3	Management of terminology resources – Terminology databases – Part 3: Content	01.020; 35.240.30	2023-01
ISO/TS 27878	Reproducibility of the level of detection (LOD) of binary methods in collaborative and in-house validation studies	03.120.30; 17.020	2023-01
ISO/IEC 30107-3	Information technology – Biometric presentation attack detection – Part 3: Testing and reporting	35.240.15	2023-01
ISO/IEC 30179	Internet of Things (IoT) – Overview and general requirements of IoT system for ecological environment monitoring	35.020	2023-01
ISO 31700-1	Consumer protection – Privacy by design for consumer goods and services – Part 1: High-level requirements	03.080.30; 03.100.01	2023-01
ISO/TR 31700-2	Consumer protection – Privacy by design for consumer goods and services – Part 2: Use cases	03.080.30; 03.100.01	2023-01
ISO 37109	Sustainable cities and communities – Recommendations and requirements for project developers – Meeting ISO 37101 framework principles	13.020.20	2023-01
ISO/PAS 50010	Energy management and energy savings – Guidance for net zero energy in operations using an ISO 50001 energy management system	27.015	2023-01
ISO/ASTM 52931	Additive manufacturing of metals – Environment, health and safety – General principles for use of metallic materials	13.020.01; 13.030.30; 13.100; 25.030	2023-01
ISO/ASTM 52936-1	Additive manufacturing of polymers – Qualification principles – Part 1: General principles and preparation of test specimens for PBF-LB	25.030	2023-01
IEC 80601-2-59 AMD 1	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	11.040.55	2023-01

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
IEC Guide 111-1	Electric equipment for high-voltage substations – Common recommendations for product and system standards – Part 1: AC (alternating current)	29.020; 29.240.10	2023-01
IEC/TR 61643-333	Components for Low-Voltage Surge Protection – Part 333: Characteristic Equations for Life Evaluation for Metal Oxide Varistors (MOV)	29.120.50; 31.040.20	2023-01
IEC/TR 63415	Nuclear Power plants – Instrumentation and control systems – Use of formal security models for I&C security architecture design and assessment	27.120.20; 35.030	2023-01
IEC/TR 61850-90-27	Communication networks and systems for power utility automation – Part 90-27: Use of IEC 61850 for thermal energy systems connected to electric power grid	33.040.40; 33.200	2023-01
IEC/TR 61000-3-18	Electromagnetic compatibility (EMC) – Part 3-18: Limits – Assessment of network characteristics for the application of harmonic emission limits for equipment to be connected to LV distribution systems not presently covered by IEC 61000-3-2 and IEC 61000-3-12	33.100.10	2023-01
IEC/TR 61000-1-9	Electromagnetic compatibility (EMC) – Part 1-9: Assessment of measurement uncertainty for IEC 61000-3-2 and IEC 61000-3-12	33.100.01	2023-01
IEC/TR 63484	Guidance on fungus resistance of optical fibre cables	33.180.10	2023-01
IEC/TR 62572-5	Fibre optic active components and devices – Reliability standards – Part 5: Calculation methodology of laser safety class for optical transceivers and transmitters	31.260; 33.180.30	2023-01
IEC/TR 63463	Life extension guidelines for HVDC converter stations	29.200	2023-01
IEC/TR 62899-303-2	Printed electronics – Part 303-2: Equipment – Sheet to sheet printing – Mechanical dimension	31.180	2023-01
IEC/TR 62899-402-4	Printed electronics – Part 402-4: Printability – Measurement of qualities – Classification and measurement methods for morphology	31.180	2023-01
IEC/TR 63482	Maintenance of low voltage switchgear and controlgear and their assemblies	29.130.20	2023-01
IEC 60079-11	Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i"	29.260.20	2023-01
IEC 60255-26	Measuring relays and protection equipment – Part 26: Electromagnetic compatibility requirements	29.120.70	2023-01
IEC 60384-14	Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	31.060.10	2023-01
IEC 60598-2-2	Luminaires – Part 2-2: Particular requirements – Recessed luminaires and recessed air-handling luminaires	29.140.40; 29.140.50	2023-01
IEC 60601-2-10 AMD 2	Medical electrical equipment – Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators; Amendment 2	11.040.60	2023-01
IEC 60601-2-10 Edition 2.2	Medical electrical equipment – Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators	11.040.60	2023-01
IEC 60601-2-75 AMD 1	Medical electrical equipment – Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment; Amendment 1	11.040.01; 11.040.55; 11.040.60	2023-01
IEC 60601-2-75 Edition 1.1	Medical electrical equipment – Part 2-75: Particular requirements for the basic safety and essential performance of photodynamic therapy and photodynamic diagnosis equipment	11.040.01; 11.040.55; 11.040.60	2023-01
IEC 60794-1-305	Optical fibre cables – Part 1-305: Generic specification – Basic optical cable test procedures – Cable element test methods – Ribbon tear (separability), Method G5	33.180.10	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 61076-3-126	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	31.220.10; 33.120.10	2023-01
IEC 61280-1-4	Fibre optic communication subsystem test procedures – Part 1-4: General communication subsystems – Light source encircled flux measurement method	33.180.01	2023-01
IEC/TR 61292-4	Optical amplifiers – Part 4: Maximum permissible optical power for the damage-free and safe use of optical amplifiers, including Raman amplifiers	33.160.10; 33.180.30	2023-01
IEC/TR 61292-6	Optical amplifiers – Part 6: Distributed Raman amplification	33.160.10; 33.180.30	2023-01
IEC/TR 61292-9	Optical amplifiers – Part 9: Semiconductor optical amplifiers (SOAs)	33.160.10; 33.180.30	2023-01
IEC 61300-2-1	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-1: Tests – Vibration (sinusoidal)	33.180.20	2023-01
IEC 61300-2-18	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-18: Tests – Dry heat	33.180.20	2023-01
IEC 61537	Cable management – Cable tray systems and cable ladder systems	29.120.10	2023-01
IEC 61636-2	Software Interface for Maintenance Information Collection and Analysis (SIMICA) – Part 2: Exchanging Maintenance Action Information via the Extensible Markup Language (XML)	25.040.01; 35.060; 35.080	2023-01
IEC/TS 61850-7-7 AMD 1	Communication networks and systems for power utility automation – Part 7-7: Machine-processable format of IEC 61850-related data models for tools; Amendment 1	33.040.40; 33.200	2023-01
IEC/TS 61850-7-7 Edition 1.1	Communication networks and systems for power utility automation – Part 7-7: Machine-processable format of IEC 61850-related data models for tools	33.040.40; 33.200	2023-01
IEC 61869-99 Corrigendum 1	Instrument transformers – Part 99: Glossary; Corrigendum 1	01.040.17; 17.220.20	2023-01
IEC 62146-2	Capacitors for highvoltage alternating current circuitbreakers – Part 2: TRV capacitors	31.060.70	2023-01
IEC 62343	Dynamic modules – Generic specification	33.180.01; 33.180.30; 33.180.99	2023-01
IEC/TR 62343-6-12	Dynamic modules – Part 6-12: Design guidelines – Survey results on performance specifications for 1 × N wavelength selective switches	33.180.01; 33.180.30	2023-01
IEC 62351-5	Power systems management and associated information exchange – Data and communications security – Part 5: Security for IEC 60870-5 and derivatives	33.200; 35.030	2023-01
IEC/TR 62627-01	Fibre optic interconnecting devices and passive components – Part 01: Fibre optic connector cleaning methods	33.180.20	2023-01
IEC 62631-3-1	Dielectric and resistive properties of solid insulating materials – Part 3-1: Determination of resistive properties (DC methods) – Volume resistance and volume resistivity – General method	17.220.99; 29.035.01	2023-01
IEC 62722-2-1	Luminaire performance – Part 2-1: Particular requirements – LED luminaires	29.140.40	2023-01
IEC/TS 62736	Ultrasonics – Pulse-echo scanners – Simple methods for periodic testing to verify stability of an imaging system's elementary performance	11.040.55; 17.140.50	2023-01
IEC 62908-12-10	Touch and interactive displays – Part 12-10: Measurement methods of touch displays – Touch and electrical performance	31.120	2023-01
IEC/TS 62933-3-2	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	13.020.30; 27.010	2023-01
IEC 62951-8	Semiconductor devices – Flexible and stretchable semiconductor devices – Part 8: Test method for stretchability, flexibility, and stability of flexible resistive memory	31.080.01; 31.080.99; 31.220.01	2023-01

Oznaka norme	Naslov norme	ICS	Datum objave
IEC 80601-2-59 AMD 1	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	11.040.55	2023-01
IEC 80601-2-59 Edition 2.1	Medical electrical equipment – Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening	11.040.55	2023-01
ISO/IEC 1989	Information technology – Programming languages, their environments and system software interfaces – Programming language COBOL	35.060	2023-01
ISO/IEC/IEEE 8802-1AS Technical Corrigendum 1	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; Technical Corrigendum 1	35.110	2023-01
ISO/IEC 9660	Information processing – Volume and file structure of CD-ROM for information interchange	35.220.30	2023-01
ISO/IEC 11179-1	Information technology – Metadata registries (MDR) – Part 1: Framework	35.040.50	2023-01
ISO/IEC 11179-3	Information technology – Metadata registries (MDR) – Part 3: Metamodel for registry common facilities	35.040.50	2023-01
ISO/IEC 11179-6	Information technology – Metadata registries (MDR) – Part 6: Registration	35.040.50	2023-01
ISO/IEC 11179-30	Information technology – Metadata registries (MDR) – Part 30: Basic attributes of metadata	35.040.50	2023-01
ISO/IEC 11179-31	Information technology – Metadata registries (MDR) – Part 31: Metamodel for data specification registration	35.040.50	2023-01
ISO/IEC 11179-32	Information technology – Metadata registries (MDR) – Part 32: Metamodel for concept system registration	35.040.50	2023-01
ISO/IEC 11179-33	Information technology – Metadata registries (MDR) – Part 33: Metamodel for data set registration	35.040.50	2023-01
ISO/IEC 11179-35	Information technology – Metadata registries (MDR) – Part 35: Metamodel for model registration	35.040.50	2023-01
ISO/IEC 14496-22 AMD 2	Information technology – Coding of audio-visual objects – Part 22: Open Font Format – Amendment 2: Extending colour font functionality and other updates	35.040.40	2023-01
ISO/IEC 19086-2 AMD 1	Cloud computing – Service level agreement (SLA) framework – Part 2: Metric model; Amendment 1	35.210	2023-01
ISO/IEC 21558-2	Telecommunications and information exchange between systems – Future network architecture – Part 2: Proxy model-based quality of service	35.100.30	2023-01
ISO/IEC 21559-2	Telecommunications and information exchange between systems – Future network protocols and mechanisms – Part 2: Proxy model-based quality of service	35.100.30	2023-01
ISO/IEC 23008-1	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 1: MPEG media transport (MMT)	35.040.40	2023-01
ISO/IEC 24760-1 AMD 1	IT Security and Privacy – A framework for identity management – Part 1: Terminology and concepts; Amendment 1	35.030	2023-01
ISO/IEC 24760-3 AMD 1	Information technology – Security techniques – A framework for identity management – Part 3: Practice – Amendment 1: Identity Information Lifecycle processes	35.030	2023-01
ISO/IEC 30107-3	Information technology – Biometric presentation attack detection – Part 3: Testing and reporting	35.240.15	2023-01
ISO/IEC 30179	Internet of Things (IoT) – Overview and general requirements of IoT system for ecological environment monitoring	35.020	2023-01
IEC 80601-2-59 AMD 1	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	11.040.55	2023-01