

Hrvatski zavod za norme

Oglasnik za normativne dokumente

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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

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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 četiri načina:

- prihvaćanjem stranih (međunarodnih/europskih/nacionalnih) norma uz prevođenje na hrvatski jezik (pp)
- prihvaćanjem stranih norma u izvorniku s hrvatskim ovitkom (po)
- 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 6, *Papir, karton i pulpe*

HRS CEN/TS 17497:2020 en pr
Pulpa, papir i karton – Određivanje bisfenola A u ekstraktima iz papira i kartona (CEN/TS 17497:2020)
Pulp, paper and paperboard – Determination of bisphenol A in extracts from paper and paperboard (CEN/TS 17497:2020)

HZN/TO 22, *Cestovna vozila*

HRN EN ISO 15118-8:2020 en pr
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 8. dio: Zahtjevi za fizički sloj i sloj podatkovne mreže za bežičnu komunikaciju (ISO 15118-8:2020; EN ISO 15118-8:2020)
Road vehicles – Vehicle to grid communication interface – Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2020; EN ISO 15118-8:2020)

HRN EN ISO 18243:2019/A1:2020 en pr
Mopedi i motocikli na električni pogon – Specifikacije ispitivanja i sigurnosni zahtjevi za sustave litij-ionskih baterija (ISO 18243:2017/Amd 1:2020; EN ISO 18243:2019/A1:2020)
Electrically propelled mopeds and motorcycles – Test specifications and safety requirements for lithium-ion battery systems (ISO 18243:2017/Amd 1:2020; EN ISO 18243:2019/A1:2020)

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN 228:2017/NA:2020/Ispr.1:2020 hr izv
Goriva za motorna vozila – Bezolovni motorni benzin – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Unleaded petrol – Requirements and test methods – National Annex

HRN EN 590:2017/NA:2020/Ispr.1:2020 hr izv
Goriva za motorna vozila – Dizelsko gorivo – Zahtjevi i metode ispitivanja – Nacionalni dodatak
Automotive fuels – Diesel – Requirements and test methods – National Annex

HRN EN ISO 3104:2020 en pr
Naftni proizvodi – Prozirne i neprozirne tekućine – Određivanje kinematičke viskoznosti i izračunavanje dinamičke viskoznosti (ISO 3104:2020; EN ISO 3104:2020)
Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:2020; EN ISO 3104:2020)

HRI CEN/TR 17544:2020 en pr
Goriva za motorna vozila – Izvještaj o provedenim studijama o tendenciji blokiranja hladnog natapanja filtra (CS-FBT) metilnim esterima masnih kiselina (FAME) kao komponentama za namješavanje u dizelsko gorivo te dizelskog goriva koje sadrži do 30 % (V/V) FAME (CEN/TR 17544:2020)
Automotive fuels – Report on studies done on cold soak filter blocking tendency (CS-FBT) on fatty acid methyl ester (FAME) as blend component for diesel fuel; and of diesel fuel containing up to 30 % (V/V) of FAME (CEN/TR 17544:2020)

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 2560:2020 en pr
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje nelegiranih i sitnozrnatih čelika – Razredba (ISO 2560:2020; EN ISO 2560:2020)
Welding consumables – Covered electrodes for manual metal arc welding of non-alloy and fine grain steels – Classification (ISO 2560:2020; EN ISO 2560:2020)

HRN EN ISO 6847:2020 en pr
Dodatni i potrošni materijali za zavarivanje – Navarivanje metala zavara za kemijsku analizu (ISO 6847:2020; EN ISO 6847:2020)
Welding consumables – Deposition of a weld metal pad for chemical analysis (ISO 6847:2020; EN ISO 6847:2020)

HRN EN ISO 14341:2020 en pr
Dodatni i potrošni materijali za zavarivanje – Žičane elektrode i depoziti za elektrolučno zavarivanje metalnom taljivom elektrodom u zaštiti plina za nelegirane i sitnozrnate čelike – Razredba (ISO 14341:2020; EN ISO 14341:2020)
Welding consumables – Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels – Classification (ISO 14341:2020; EN ISO 14341:2020)

HRN EN ISO 15792-1:2020 en pr
Dodatni i potrošni materijali za zavarivanje – Metode ispitivanja – 1. dio: Priprema ispitnih komada i uzoraka čistog metala zavara za čelik, nikel i legure nikla (ISO 15792-1:2020; EN ISO 15792-1:2020)
Welding consumables – Test methods – Part 1: Preparation of all-weld metal test pieces and specimens in steel, nickel and nickel alloys (ISO 15792-1:2020; EN ISO 15792-1:2020)

HRN EN ISO 15792-2:2020 en pr
Dodatni i potrošni materijali za zavarivanje – Metode ispitivanja – 2. dio: Priprema čeličnih ispitnih komada i uzoraka za jednostrano ili dvostrano zavarivanje u jednom prolazu (ISO 15792-2:2020; EN ISO 15792-2:2020)
Welding consumables – Test methods – Part 2: Preparation of single-run and two-run technique test pieces and specimens in steel (ISO 15792-2:2020; EN ISO 15792-2:2020)

HZN/TO 46, *Bibliotekarstvo, dokumentacija i informacije*

HRN EN ISO 3166-1:2020 en pr
Kodovi za označavanje imena država i njihovih pokrajina – 1. dio: Kodovi država (ISO 3166-1:2020; EN ISO 3166-1:2020)
Codes for the representation of names of countries and their subdivisions – Part 1: Country code (ISO 3166-1:2020; EN ISO 3166-1:2020)

HZN/TO 92, *Zaštita od požara*

HRN EN 15269-20:2020 en pr
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 20. dio: Dimopropusnost vrata, zaslona, zavjesa od tkanine koje se otvaraju i prozora koji se mogu otvarati (EN 15269-20:2020)
Extended application of test results for fire resistance and/or smoke control for door, shutter and operable window assemblies, including their elements of building hardware – Part 20: Smoke control for doors, shutters, operable fabric curtains and openable windows (EN 15269-20:2020)

HZN/TO 108, *Mehaničke vibracije i udari*

HRN DIN 4150-3:2020 de pr
Vibracije u građevinama – 3. dio: Djelovanje na konstrukcije (DIN 4150-3:2016)
Erschütterungen im Bauwesen – Teil 3: Einwirkungen auf bauliche Anlagen (DIN 4150-3:2016)

HZN/TO 120, *Koža i obuća*

HRN EN ISO 17234-1:2020 en pr
Koža – Kemijska ispitivanja za određivanje određenih azobojila u obojenoj koži – 1. dio: Određivanje određenih aromatskih amina dobivenih iz azobojila (ISO 17234-1:2020; EN ISO 17234-1:2020)
Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2020; EN ISO 17234-1:2020)

HZN/TO 121, Anestetička i respiracijska oprema

HRN EN ISO 7376:2020 en pr
Anestetička i respiracijska oprema – Laringoskopi za trahealnu intubaciju (ISO 7376:2020; EN ISO 7376:2020)
Anaesthetic and respiratory equipment – Laryngoscopes for tracheal intubation (ISO 7376:2020; EN ISO 7376:2020)

HZN/TO 134, Gnojiva i poboljšivači tla

HRN EN 13971:2020 en pr
Karbonatne i silikatne tvari za kalcifikaciju – Određivanje reaktivnosti – Metoda potencijometrijske titracije klorovodičnom kiselinom (EN 13971:2020)
Carbonate and silicate liming materials – Determination of reactivity – Potentiometric titration method with hydrochloric acid (EN 13971:2020)

HZN/TO 135, Nerazorna ispitivanja

HRN EN ISO 21432:2020 en pr
Nerazorno ispitivanje – Standardna metoda ispitivanja za određivanje zaostalih naprezanja difrakcijom neutrona (ISO 21432:2019; EN ISO 21432:2020)
Non-destructive testing – Standard test method for determining residual stresses by neutron diffraction (ISO 21432:2019; EN ISO 21432:2020)

HRN EN ISO 22232-2:2020 en pr
Nerazorno ispitivanje – Karakterizacija i provjeravanje opreme za ispitivanje ultrazvukom – 2. dio: Sonde (ISO 22232-2:2020; EN ISO 22232-2:2020)
Non-destructive testing – Characterization and verification of ultrasonic test equipment – Part 2: Probes (ISO 22232-2:2020; EN ISO 22232-2:2020)

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

HRN EN ISO 6259-2:2020 en pr
Plastomerne cijevi – Određivanje rasteznih svojstava – 2. dio: Cijevi proizvedene od neomekšanog poli(vinil-klorida) (PVC-U), orijentiranog neomekšanog poli(vinil-klorida) (PVC-O), kloriranog poli(vinil-klorida) (PVC-C) i poli(vinil klorida) (PVC-HI) s velikom otpornošću na udar (ISO 6259-2:2020; EN ISO 6259-2:2020)
Thermoplastics pipes – Determination of tensile properties – Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI) (ISO 6259-2:2020; EN ISO 6259-2:2020)

HRN EN ISO 16486-3:2020 en pr
Plastični cijevni sustavi za opskrbu plinovitim gorivima – Cijevni sustavi od neomekšanog poliamida (PA-U) sa zavarivanjem i mehaničkim spajanjem – 3. dio: Spojnice (ISO 16486-3:2020; EN ISO 16486-3:2020)
Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 3: Fittings (ISO 16486-3:2020; EN ISO 16486-3:2020)

HZN/TO 146, Kvaliteta zraka

HRS CEN/TS 17340:2020 en pr
Emisije iz nepokretnih izvora – Određivanje masene koncentracije fluoriranih spojeva izraženih kao HF – Standardna referentna metoda (ISO 15713:2006, MOD; CEN/TS 17340:2020)
Stationary source emissions – Determination of mass concentration of fluorinated compounds expressed as HF – Standard reference method (ISO 15713:2006, MOD; CEN/TS 17340:2020)

HZN/TO 147, Kvaliteta vode

HRN EN ISO 22017:2020 en pr
Kvaliteta vode – Smjernice za brza mjerenja radioaktivnosti u nuklearnim ili radiološkim hitnim slučajevima (ISO 22017:2020; EN ISO 22017:2020)
Water quality – Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation (ISO 22017:2020; EN ISO 22017:2020)

HZN/TO 159, Ergonomija

HRN EN ISO 25065:2020 en pr
Inženjering sustava i softvera – Zahtjevi za kvalitetu softverskog proizvoda i vrednovanje (SQuaRE) – Uobičajeni industrijski format (CIF) za upotrebljivost: Specifikacija korisničkih zahtjeva (ISO 25065:2019; EN ISO 25065:2020)
Systems and software engineering – Software product Quality Requirements and Evaluation (SQuaRE) – Common Industry Format (CIF) for Usability: User requirements specification (ISO 25065:2019; EN ISO 25065:2020)

HZN/TO 178, Dizala, pokretne stube i pokretne trake za osobe

HRN EN 81-40:2020 en pr
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna dizala za transport osoba i tereta – 40. dio: Stubišne i nagibne podizne platforme za prijevoz osoba smanjene pokretljivosti (EN 81-40:2020)
Safety rules for the construction and installation of lifts – Special lifts for the transport of persons and goods – Part 40: Stairlifts and inclined lifting platforms intended for persons with impaired mobility (EN 81-40:2020)

HRS CEN/TS 115-4:2020 en pr
Sigurnost pokretnih stuba i pokretnih traka – 4. dio: Tumačenja koja se odnose na porodicu norma EN 115 (CEN/TS 115-4:2020)
Safety of escalators and moving walks – Part 4: Interpretations related to EN 115 family of standards (CEN/TS 115-4:2020)

HZN/TO 182, Geotehničke konstrukcije

HRN EN ISO 22476-9:2020 en pr
Geotehničko istraživanje i ispitivanje – Terensko ispitivanje – 9. dio: Ispitivanje terenskom krilnom sondom (ISO 22476 9:2020; EN ISO 22476-9:2020)
Geotechnical investigation and testing – Field testing – Part 9: Field vane test (FVT and FVT-F) (ISO 22476 9:2020; EN ISO 22476-9:2020)

HZN/TO 207, Upravljanje okolišem

HRN EN ISO 14002-1:2020 en pr
Sustavi upravljanja okolišem – Smjernice za primjenu norme ISO 14001 u postupanju s aspektima i uvjetima okoliša unutar određene teme iz područja zaštite okoliša – 1. dio: Općenito (ISO 14002-1:2019; EN ISO 14002-1:2020)
Environmental management systems – Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area – Part 1: General (ISO 14002-1:2019; EN ISO 14002-1:2020)

HRN EN ISO 14040:2008/A1:2020 en pr
Upravljanje okolišem – Procjena životnog ciklusa (LCA) – Načela i okvir rada (ISO 14040:2006/Amd 1:2020; EN ISO 14040:2006/A1:2020)
Environmental management – Life cycle assessment – Principles and framework (ISO 14040:2006/Amd 1:2020; EN ISO 14040:2006/A1:2020)

HRN EN ISO 14044:2008/A2:2020 en pr
Upravljanje okolišem – Procjena životnog ciklusa (LCA) – Zahtjevi i smjernice (ISO 14044:2006/Amd 2:2020; EN ISO 14044:2006/A2:2020)
Environmental management – Life cycle assessment – Requirements and guidelines (ISO 14044:2006/Amd 2:2020; EN ISO 14044:2006/A2:2020)

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 11073-10101:2020 en pr
Health informatics – Device interoperability – Part 10101: Point-of-care medical device communication – Nomenclature (ISO/IEEE 11073-10101:2020; EN ISO 11073-10101:2020)

HZN/TO 503, Metalni materijali

HRN EN 10210-3:2020 en pr
Toplo oblikovani šuplji profili za čelične konstrukcije – 3. dio: Tehnički uvjeti isporuke za čelike visoke čvrstoće i otporne na vremenske utjecaje (EN 10210-3:2020)
Hot finished steel structural hollow sections – Part 3: Technical delivery conditions for high strength and weather resistant steels (EN 10210-3:2020)

HRN EN 10219-3:2020 en pr
Hladno oblikovani zavareni šuplji profili za čelične konstrukcije – 3. dio: Tehnički uvjeti isporuke za čelike visoke čvrstoće i otporne na vremenske utjecaje (EN 10219-3:2020)
Cold formed welded steel structural hollow sections – Part 3: Technical delivery conditions for high strength and weather resistant steels (EN 10219-3:2020)

HRN EN ISO 18771:2020 en pr
Anodizacija aluminija i aluminijevih legura – Metoda za ispitivanje otpornosti površine na habanje upotrebom abrazivnog papira sa staklenim premazom (ISO 18771:2019; EN ISO 18771:2020)
Anodizing of aluminium and its alloys – Method to test the surface abrasion resistance using glass-coated abrasive paper (ISO 18771:2019; EN ISO 18771:2020)

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 1460:2020 en pr
Metalne prevlake – Vruće pocinčane prevlake na željeznim i čeličnim materijalima – Gravimetrijsko određivanje mase po jedinici površine (ISO 1460:2020; EN ISO 1460:2020)
Metallic coatings – Hot dip galvanized coatings on ferrous materials – Gravimetric determination of the mass per unit area (ISO 1460:2020; EN ISO 1460:2020)

HZN/TO 505, Prijenos i distribucija plina

HRN EN 1474-2:2020 en pr
Instalacija i oprema za ukapljeni prirodni plin – Projektiranje i ispitivanje pomorskih prijenosnih sustava – 2. dio: Projektiranje i ispitivanje crijeva za pretakanje (EN 1474-2:2020)
Installation and equipment for liquefied natural gas – Design and testing of marine transfer systems – Part 2: Design and testing of transfer hoses (EN 1474-2:2020)

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

HRN EN ISO 15761:2020 en pr
Čelični zasuni, ventili i nepovratni ventili nazivnog promjera 100 i manjeg, za industriju nafte i prirodnog plina (ISO 15761:2020; EN ISO 15761:2020)
Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries (ISO 15761:2020; EN ISO 15761:2020)

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 266:2020 en pr
Zidni pokrovi u rolama – Specifikacije za tekstilne zidne pokrove (EN 266:2020)
Wall coverings in roll form – Specification for textile wall coverings (EN 266:2020)

HZN/TO 521, Usluge održavanja

HRN EN ISO 41014:2020 en pr
Upravljanje objektima i sustavima podrške – Razvoj strategije upravljanja objektima i sustavima podrške (ISO 41014:2020; EN ISO 41014:2020)
Facility management – Development of facility management strategy (ISO 41014:2020; EN ISO 41014:2020)

HZN/TO 524, Inteligentni transportni sustavi

HRS CEN/TS 16614-1:2020 en pr
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTEx) – 1. dio: Format za razmjenu podataka o topologiji mreže javnog prijevoza (CEN/TS 16614-1:2020)
Public transport – Network and Timetable Exchange (NeTEx) – Part 1: Public transport network topology exchange format (CEN/TS 16614-1:2020)

HRS CEN/TS 16614-2:2020 en pr
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTEx) – 2. dio: Format za razmjenu podataka o redovima vožnje javnog prijevoza (CEN/TS 16614-2:2020)
Public transport – Network and Timetable Exchange (NeTEx) – Part 2: Public transport scheduled timetables exchange format (CEN/TS 16614-2:2020)

HRS CEN/TS 16614-3:2020 en pr
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTEx) – 3. dio: Format za razmjenu podataka o naplatama javnog prijevoza (CEN/TS 16614-3:2020)
Public transport – Network and Timetable Exchange (NeTEx) – Part 3: Public transport fares exchange format (CEN/TS 16614-3:2020)

HRS CEN/TS 16702-1:2020 en pr
Elektronička naplata – Sigurnosno nadgledanje za autonomne sustave naplate – 1. dio: Provjeravanje sukladnosti (CEN/TS 16702-1:2020)
Electronic fee collection – Secure monitoring for autonomous toll systems – Part 1: Compliance checking (CEN/TS 16702-1:2020)

HRS CEN/TS 16702-2:2020 en pr
Elektronička naplata – Sigurnosno nadgledanje za autonomne sustave naplate – 2. dio: Siguran zapisivač (CEN/TS 16702-2:2020)
Electronic fee collection – Secure monitoring for autonomous toll systems – Part 2: Trusted recorder (CEN/TS 16702-2:2020)

HRS CEN ISO/TS 21176:2020 en pr
Kooperativni inteligentni transportni sustavi (C-ITS) – Funkcije položaja, brzine i vremena u ITS stanicama (ISO/TS 21176:2020; CEN ISO/TS 21176:2020)
Cooperative intelligent transport systems (C-ITS) – Position, velocity and time functionality in the ITS station (ISO/TS 21176:2020; CEN ISO/TS 21176:2020)

HZN/TO 526, Bitumenska veziva

HRI CEN/TR 17499:2020 en pr
Bitumen i bitumenska veziva – Primjeri označavanja oznakom CE i izjava o svojstvima (DoP) (CEN/TR 17499:2020)
Bitumen and bituminous binders – Examples for CE Marking and Declaration of Performances (DoP) (CEN/TR 17499:2020)

HZN/TO 531, Plastika i guma

HRN EN ISO 10352:2020 en pr
Plastika ojačana vlaknima – Smjese za prešanje i preprezi – Određivanje mase po jedinici površine i mase vlakana po jedinici površine (ISO 10352:2020; EN ISO 10352:2020)
Fibre-reinforced plastics – Moulding compounds and prepregs – Determination of mass per unit area and fibre mass per unit area (ISO 10352:2020; EN ISO 10352:2020)

HRN EN ISO 19063-2:2020 en pr
Plastika – Kalupljeni i ekstrudirani žilavi polistirenski materijali (PS-I) – 2. dio: Priprava ispitaka i određivanje svojstava (ISO 19063-2:2020; EN ISO 19063-2:2020)
Plastics – Impact-resistant polystyrene (PS-I) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 19063-2:2020; EN ISO 19063-2:2020)

HRN EN ISO 24022-1:2020 en pr
Plastika – Polistirenski (PS) prešani i ekstrudirani materijali – 1. dio: Sustav označavanja i osnove za specifikacije (ISO 24022-1:2020; EN ISO 24022-1:2020)
Plastics – Polystyrene (PS) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 24022-1:2020; EN ISO 24022-1:2020)

HZN/TO 536, Vrata, prozori i staklo u graditeljstvu

HRN EN 15998:2020 en pr
Staklo u graditeljstvu – Sigurnost u slučaju požara, vatrootpornost – Metodologija ispitivanja stakla u svrhu razredbe (EN 15998:2020)
Glass in building – Safety in case of fire, fire resistance – Glass testing methodology for the purpose of classification (EN 15998:2020)

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

HRN EN ISO 25178-72:2017/A1:2020 en pr
Geometrijske specifikacije proizvoda (GSP) – Tekstura površine: Ploštinska – 72. dio: x3p format XML datoteke (ISO 25178-72:2017/Amd 1:2020; EN ISO 25178-72:2017/A1:2020)
Geometrical product specifications (GPS) – Surface texture: Areal – Part 72: XML file format x3p (ISO 25178-72:2017/Amd 1:2020; EN ISO 25178-72:2017/A1:2020)

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN ISO 4126-3:2020 en pr
Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 3. dio: Sigurnosni ventili i sigurnosni uređaji s rasprskavajućim diskom u kombinaciji (ISO 4126-3:2020; EN ISO 4126-3:2020)
Safety devices for protection against excessive pressure – Part 3: Safety valves and bursting disc safety devices in combination (ISO 4126-3:2020; EN ISO 4126-3:2020)

HRN EN ISO 10434:2020 en pr
Čelični zasuni s prirubničkim gornjim dijelom za naftnu, petrokemijsku i srodne industrije (ISO 10434:2020; EN ISO 10434:2020)
Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries (ISO 10434:2020; EN ISO 10434:2020)

HZN/TO 560, Tekstilni proizvodi

HRN EN ISO 3303-1:2020 en pr
Tekstil naslojen gumom ili plastikom – Određivanje čvrstoće probijanjem – 1. dio: Metoda s čeličnom kuglicom (ISO 3303-1:2020; EN ISO 3303-1:2020)
Rubber- or plastics-coated fabrics – Determination of bursting strength – Part 1: Steel-ball method (ISO 3303-1:2020; EN ISO 3303-1:2020)

HRN EN ISO 22744-2:2020 en pr
Tekstil i tekstilni proizvodi – Određivanje organskih spojeva – 2. dio: Direktna metoda s tekućom kromatografijom (ISO 22744-2:2020; EN ISO 22744-2:2020)
Textiles and textile products – Determination of organotin compounds – Part 2: Direct method using liquid chromatography (ISO 22744-2:2020; EN ISO 22744-2:2020)

HRN EN ISO 22751:2020 en pr
Plošni tekstil naslojen gumom ili plastikom – Fizikalno i mehaničko ispitivanje – Određivanje savojne sile (ISO 22751:2020; EN ISO 22751:2020)
Rubber or plastic coated fabrics – Physical and mechanical test – Determination of bending force (ISO 22751:2020; EN ISO 22751:2020)

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

HRS CEN/TS 17061:2020 en pr
Hrana – Smjernice za kalibriranje i kvantitativno određivanje ostataka pesticida i organskih kontaminanata primjenom kromatografskih metoda (CEN/TS 17061:2019)
Foodstuffs – Guidelines for the calibration and quantitative determination of pesticide residues and organic contaminants using chromatographic methods (CEN/TS 17061:2019)

HRS CEN/TS 17062:2020 en pr
Hrana biljnog podrijetla – Multirezidualna metoda za određivanje ostataka pesticida u uzorcima biljnog ulja metodom LC-MS/MS (QuOil) (CEN/TS 17062:2019)
Foods of plant origin – Multimethod for the determination of pesticide residues in vegetable oils by LC-MS/MS (QuOil) (CEN/TS 17062:2019)

HZN/TO 573, Elektronički račun

HRN EN 16931-1:2020 hr,en pp
Elektronički račun – 1. dio: Semantički model podataka osnovnih elemenata elektroničkog računa (EN 16931-1:2017+A1:2019)
Electronic invoicing – Part 1: Semantic data model of the core elements of an electronic invoice (EN 16931-1:2017+A1:2019)

HRN EN 16931-1:2020/Ispr.1:2020 en pr
Elektronički račun – 1. dio: Semantički model podataka osnovnih elemenata elektroničkog računa (EN 16931-1:2017+A1:2019/AC:2020)
Electronic invoicing – Part 1: Semantic data model of the core elements of an electronic invoice (EN 16931-1:2017+A1:2019/AC:2020)

HRS CEN/TS 16931-3-2:2020 en pr
Elektronički račun – Dio 3-2: Sintaksno povezivanje za normu ISO/IEC 19845 (UBL 2.1), račun i odobrenje (CEN/TS 16931-3-2:2020)
Electronic invoicing – Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note (CEN/TS 16931-3-2:2020)

HRS CEN/TS 16931-3-3:2020 en pr
Elektronički račun – Dio 3-3: Sintaksno povezivanje za normu UN/CEFACT XML Industry Invoice D16B (CEN/TS 16931-3-3:2020)
Electronic invoicing – Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B (CEN/TS 16931-3-3:2020)

HRS CEN/TS 16931-3-4:2020 en pr
Elektronički račun – Dio 3-4: Sintaksno povezivanje za normu UN/EDIFACT INVOICE D16B (CEN/TS 16931-3-4:2020)
Electronic invoicing – Part 3-4: Syntax binding for UN/EDIFACT INVOICE D16B (CEN/TS 16931-3-4:2020)

HRS CEN/TS 16931-7:2020 en pr
Elektronički račun – Dio 7: Metodologija za razvoj i uporabu EN 16931-1 compliant structured Core Invoice Usage Specifications (CEN/TS 16931-7:2020)

HZN/TO E17, Sklopni i upravljački uređaji

HRN EN IEC 62271-104:2020 en pr
Visokonaponska sklopna aparatura – 104. dio: Sklopke izmjenične struje za nazivne napone 52 kV i više (IEC 62271-104:2020; EN IEC 62271-104:2020)
High-voltage switchgear and controlgear – Part 104: Alternating current switches for rated voltages higher than 52 kV (IEC 62271-104:2020; EN IEC 62271-104:2020)

HRN EN IEC 62271-108:2020 en pr
Visokonaponska sklopna aparatura – 108. dio: Visokonaponski rastavni prekidači izmjenične struje za nazivne napone iznad 52 kV (IEC 62271-108:2020; EN IEC 62271-108:2020)
High-voltage switchgear and controlgear – Part 108: High-voltage alternating current disconnecting circuit-breakers for rated voltages above 52 kV (IEC 62271-108:2020; EN IEC 62271-108:2020)

HZN/TO E20, Električni kabeli

HRN HD 361 S4:2020 en pr
Način označavanja kabela (HD 361 S4:2020)
System for cable designation (HD 361 S4:2020)

HZN/TO E34, Žarulje, svjetiljke i pripadna oprema

HRN EN IEC 63103:2020 en pr
Rasvjetna oprema – Mjerenje potrošnje energije u neaktivnom načinu rada (IEC 63103:2020; EN IEC 63103:2020)
Lighting equipment – Non-active mode power measurement (IEC 63103:2020; EN IEC 63103:2020)

HZN/TO E36, Izolatori

HRN EN IEC 60471:2020 en pr
Spojevi vilica i očki za izolatore u izolatorskom lancu – Dimenzije (IEC 60471:2020; EN IEC 60471:2020)
Clevis and tongue couplings of string insulator units – Dimensions (IEC 60471:2020; EN IEC 60471:2020)

HZN/TO E44, Elektrotehnička sigurnost strojeva

HRN EN IEC 61496-1:2020 en pr
Sigurnost strojeva – Elektroosjetljiva zaštitna oprema – 1. dio: Opći zahtjevi i ispitivanja (IEC 61496-1:2020; EN IEC 61496-1:2020)
Safety of machinery – Electro-sensitive protective equipment – Part 1: General requirements and tests (IEC 61496-1:2020; EN IEC 61496-1:2020)

HRN EN IEC 61496-2:2020 en pr
Sigurnost strojeva – Elektroosjetilna zaštitna oprema – 2. dio: Posebni zahtjevi za opremu koja upotrebljava aktivne optoelektroničke zaštitne naprave (AOPD) (IEC 61496-2:2020; EN IEC 61496-2:2020)
Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs) (IEC 61496-2:2020; EN IEC 61496-2:2020)

HZN/TO E45, Nuklearna instrumentacija

HRN EN IEC 62003:2020 en pr
Nuklearne elektrane – Instrumentacija, kontrolni i električni sustavi napajanja – Zahtjevi za ispitivanje elektromagnetske kompatibilnosti (IEC 62003:2020; EN IEC 62003:2020)
Nuclear power plants – Instrumentation, control and electrical power systems – Requirements for electromagnetic compatibility testing (IEC 62003:2020; EN IEC 62003:2020)

HZN/TO E55, Žice za namote

HRN EN IEC 60317-60-1:2020 en pr
Specifikacije pojedinih vrsta žica za namote – Dio 60-1: Nelakirana ili lakirana profilna bakrena žica, omotana staklenim, poliesterom povezanim vlaknima, bez lakiranja, indeksa temperature 155 (IEC 60317-60-1:2020; EN IEC 60317-60-1:2020)
Specifications for particular types of winding wires – Part 60-1: Polyester glass-fibre wound fused, unvarnished, bare or enamelled rectangular copper wire, temperature index 155 (IEC 60317-60-1:2020; EN IEC 60317-60-1:2020)

HZN/TO E57, Upravljanje energetskim sustavom i pridružene komunikacije

HRN EN IEC 61968-5:2020 en pr
Integracija aplikacija u elektroprivredi – Sučelja za sustave upravljanja u distribuciji – 5. dio: Optimizacija distribuirane energije (IEC 61968-5:2020; EN IEC 61968-5:2020)
Application integration at electric utilities – System interfaces for distribution management – Part 5: Distributed energy optimization (IEC 61968-5:2020; EN IEC 61968-5:2020)

HRN EN IEC 61970-301:2020 en pr
Sučelja za aplikacije vođenja elektroenergetskog sustava (EMS-API) – 301. dio: Osnove zajedničkog modela podataka (CIM) (IEC 61970-301:2020; EN IEC 61970-301:2020)
Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2020; EN IEC 61970-301:2020)

HRN EN IEC 62351-4:2019/A1:2020 en pr
Upravljanje energetskim sustavima i povezana razmjena podataka – Sigurnost podataka i komunikacija – 4. dio: Profili koji uključuju MMS (IEC 62351-4:2018/am1:2020; EN IEC 62351-4:2018/A1:2020)
Power systems management and associated information exchange – Data and communications security – Part 4: Profiles including MMS and derivatives (IEC 62351-4:2018/am1:2020; EN IEC 62351-4:2018/A1:2020)

HZN/TO E61, Sigurnost električnih kućanskih i sličnih aparata

HRN EN 60335-2-30:2011/A12:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-30: Posebni zahtjevi za grijalice prostorija (EN 60335-2-30:2009/A12:2020)
Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters (EN 60335-2-30:2009/A12:2020)

HRN EN 60335-2-3:2016/A1:2020 en pr
Kućanski i slični električni aparati – Sigurnost – Dio 2-3: Posebni zahtjevi za električna glačala (IEC 60335-2-3:2012/am1:2015; EN 60335-2-3:2016/A1:2020)
Household and similar electrical appliances – Safety – Part 2-3: Particular requirements for electric irons (IEC 60335-2-3:2012/am1:2015; EN 60335-2-3:2016/A1:2020)

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 60601-1-12:2015/A1:2020 en pr
Medicinska električna oprema – Dio 1-12: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Zahtjevi za medicinsku električnu opremu i medicinske električne sustave namijenjene za uporabu u području hitnih medicinskih usluga (IEC 60601-1-12:2014/am1:2020; EN 60601-1-12:2015/A1:2020)
Medical electrical equipment – Part 1-12: General requirements for basic safety and essential performance – Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment (IEC 60601-1-12:2014/am1:2020; EN 60601-1-12:2015/A1:2020)

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

HRN EN IEC 62541-4:2020 en pr
OPC objedinjena arhitektura – 4. dio: Usluge (IEC 62541-4:2020; EN IEC 62541-4:2020)
OPC Unified Architecture – Part 4: Services (IEC 62541-4:2020; EN IEC 62541-4:2020)

HRN EN IEC 62541-5:2020 en pr
OPC objedinjena arhitektura – 5. dio: Informacijski model (IEC 62541-5:2020; EN IEC 62541-5:2020)
OPC Unified Architecture – Part 5: Information Model (IEC 62541-5:2020; EN IEC 62541-5:2020)

HRN EN IEC 62828-4:2020 en pr
Početni uvjeti i postupci za ispitivanje industrijskih i procesnih mjernih pretvornika – 4. dio: Posebni postupci za pretvornike razina (IEC 62828-4:2020; EN IEC 62828-4:2020)
Reference conditions and procedures for testing industrial and process measurement transmitters – Part 4: Specific procedures for level transmitters (IEC 62828-4:2020; EN IEC 62828-4:2020)

HRN EN IEC 62828-5:2020 en pr
Početni uvjeti i postupci za ispitivanje industrijskih i procesnih mjernih pretvornika – 5. dio: Posebni postupci za pretvornike protoka (IEC 62828-5:2020; EN IEC 62828-5:2020)
Reference conditions and procedures for testing Industrial and process measurement transmitters – Part 5: Specific procedures for flow transmitters (IEC 62828-5:2020; EN IEC 62828-5:2020)

HRN EN IEC 62890:2020 en pr
Mjerenje, vođenje i automatizacija industrijskih procesa – Upravljanje životnim ciklusom sustava i komponenata (IEC 62890:2020; EN IEC 62890:2020)
Industrial-process measurement, control and automation – Life-cycle-management for systems and components (IEC 62890:2020; EN IEC 62890:2020)

HZN/TO E79, Alarmni sustavi

HRN EN IEC 60839-11-5:2020 en pr
Alarmni i elektronički sustavi zaštite – Dio 11-5: Sustavi elektroničke kontrole ulaska – Protokol za otvoreni nadzirani uređaj (OSDP) (IEC 60839-11-5:2020; EN IEC 60839-11-5:2020)
Alarm and electronic security systems – Part 11-5: Electronic access control systems – Open Supervised Device Protocol (OSDP) (IEC 60839-11-5:2020; EN IEC 60839-11-5:2020)

HZN/TO E88, Vjetroagregati

HRN EN IEC 61400-27-1:2020 en pr
Sustavi za proizvodnju energije iz vjetra – Dio 27-1: Modeli električne simulacije – Generički modeli (IEC 61400-27-1:2020; EN IEC 61400-27-1:2020)
Wind energy generation systems – Part 27-1: Electrical simulation models – Generic models (IEC 61400-27-1:2020; EN IEC 61400-27-1:2020)

HRN EN IEC 61400-27-2:2020 en pr
Sustavi za proizvodnju energije iz vjetra – Dio 27-2: Modeli električne simulacije – Validacija modela (IEC 61400-27-2:2020; EN IEC 61400-27-2:2020)
Wind energy generation systems – Part 27-2: Electrical simulation models – Model validation (IEC 61400-27-2:2020; EN IEC 61400-27-2:2020)

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRI CLC/TR 50442:2020 en pr
Smjernice za odbore proizvođača u vezi pripreme norma koje se odnose na izlaganje ljudi elektromagnetskim poljima (CLC/TR 50442:2018)
Guidelines for product committees on the preparation of standards related to human exposure from electromagnetic fields (CLC/TR 50442:2018)

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN IEC 55036:2020 en pr
Električna i hibridna cestovna vozila – Karakteristike radiosmetnja – Granice i metode mjerenja za zaštitu prijavnika izvan vozila na frekvencijama ispod 30 MHz (CISPR 36:2020; EN IEC 55036:2020)
Electric and hybrid road vehicles – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers below 30 MHz (CISPR 36:2020; EN IEC 55036:2020)

HRN EN IEC 61000-6-8:2020 en pr
Elektromagnetska kompatibilnost (EMC) – Dio 6-8: Norme srodnih područja – Norma emisije za profesionalnu opremu u poslovnim i lakoindustrijskim lokacijama (IEC 61000-6-8:2020; EN IEC 61000-6-8:2020)
Electromagnetic compatibility (EMC) – Part 6-8: Generic standards – Emission standard for professional equipment in commercial and light-industrial locations (IEC 61000-6-8:2020; EN IEC 61000-6-8:2020)

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRI CLC/TR 50173-99-2:2020 en pr
Informacijska tehnologija – Implementacija (izvedba) BCT (Broadcast and Communication Technologies) aplikacija uporabom kabliranja u skladu s EN 50173-4 (CLC/TR 50173-99-2:2020)
Information technology – Implementation of BCT applications using cabling in accordance with EN 50173-4 (CLC/TR 50173-99-2:2020)

HZN/TO Z2, Ocjenjivanje sukladnosti i akreditacija

HRN EN ISO 20387:2020 en pr
Biotehnologija – Biobankarstvo – Opći zahtjevi za biobankarstvo (ISO 20387:2018; EN ISO 20387:2020)
Biotechnology – Biobanking – General requirements for biobanking (ISO 20387:2018; EN ISO 20387:2020)

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

HRN EN 1081:2020 en pr
Elastične, laminatne i modularne višeslojne podne obloge – Određivanje električne otpornosti (EN 1081:2018+A1:2020)
Resilient, laminate and modular multilayer floor coverings – Determination of the electrical resistance (EN 1081:2018+A1:2020)

HRN EN ISO 20326:2018/A1:2020 en pr
Elastične podne obloge – Specifikacija za podne ploče za slobodno polaganje („loose lay“) – Amandman 1: Zahtjevi koji ovise o podlozi (ISO 20326:2016/Amd 1:2020; EN ISO 20326:2018/A1:2020)
Resilient floor coverings – Specification for floor panels/assembly for loose laying – Amendment 1: Requirements depending on the substrate (ISO 20326:2016/Amd 1:2020; EN ISO 20326:2018/A1:2020)

HZN/TU B1, Graditeljstvo 1

HRN EN 13200-6:2020 en pr
Gledališta – 6. dio: Rasklopive tribine (EN 13200-6:2020)
Spectator facilities – Part 6: Demountable stands (EN 13200-6:2020)

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

HRN EN ISO 660:2020 en pr
Životinjske i biljne masti i ulja – Određivanje kiselinskog broja i kiselosti (ISO 660:2020; EN ISO 660:2020)
Animal and vegetable fats and oils – Determination of acid value and acidity (ISO 660:2020; EN ISO 660:2020)

HRN EN ISO 2409:2020 en pr
Boje i lakovi – Ispitivanje zarezivanjem mrežice (ISO 2409:2020; EN ISO 2409:2020)
Paints and varnishes – Cross-cut test (ISO 2409:2020; EN ISO 2409:2020)

HRN EN ISO 2810:2020 en pr
Boje i lakovi – Prirodno starenje prekrivnih materijala – Izlaganje i ocjena (ISO 2810:2020; EN ISO 2810:2020)
Paints and varnishes – Natural weathering of coatings – Exposure and assessment (ISO 2810:2020; EN ISO 2810:2020)

HRN EN 12472:2020 en pr
Metoda za simulaciju ubrzanog trošenja i korozije za određivanje otpuštanja nikla iz prevučenih predmeta (EN 12472:2020)
Method for the simulation of accelerated wear and corrosion for the detection of nickel release from coated items (EN 12472:2020)

HRN EN ISO 15528:2020 en pr
Boje, lakovi i sirovine za boje i lakove – Uzorkovanje (ISO 15528:2020; EN ISO 15528:2020)
Paints, varnishes and raw materials for paints and varnishes – Sampling (ISO 15528:2020; EN ISO 15528:2020)

HRN EN ISO 21683:2020 en pr
Pigmenti i punila – Određivanje eksperimentalno simuliranog otpuštanja nano objekta iz boje, lakova i pigmentirane plastike (ISO 21683:2019; EN ISO 21683:2020)
Pigments and extenders – Determination of experimentally simulated nano-object release from paints, varnishes and pigmented plastics (ISO 21683:2019; EN ISO 21683:2020)

HRN EN ISO/ASTM 52942:2020 en pr
Aditivna proizvodnja – Načela ispitivanja kvalificiranosti – Ispitivanje kvalificiranosti rukovatelja strojevima i opremom za lasersko stapanje praškastih slojeva metalnih materijala za primjenu u zrakoplovstvu (ISO/ASTM 52942:2020; EN ISO/ASTM 52942:2020)
Additive manufacturing – Qualification principles – Qualifying machine operators of laser metal powder bed fusion machines and equipment used in aerospace applications (ISO/ASTM 52942:2020; EN ISO/ASTM 52942:2020)

HZN/TU I2, Strojstvo 2

HRN EN ISO 17200:2020 en pr
Nanotehnologija – Nanočestice u praškastom obliku – Karakteristike i mjerenja (ISO 17200:2020; EN ISO 17200:2020)
Nanotechnology – Nanoparticles in powder form – Characteristics and measurements (ISO 17200:2020; EN ISO 17200:2020)

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

HRN EN ISO 3630-5:2020 en pr
Stomatologija – Endodontski instrumenti – 5. dio: Instrumenti za oblikovanje i čišćenje (ISO 3630-5:2020; EN ISO 3630-5:2020)
Dentistry – Endodontic instruments – Part 5: Shaping and cleaning instruments (ISO 3630-5:2020; EN ISO 3630-5:2020)

HRN EN ISO 10271:2020 en pr
Stomatologija – Metode ispitivanja korozije za metalne materijale (ISO 10271:2020; EN ISO 10271:2020)
Dentistry – Corrosion test methods for metallic materials (ISO 10271:2020; EN ISO 10271:2020)

HRN EN ISO 20127:2020 en pr
Stomatologija – Fizikalna svojstva električnih četkica za zube (ISO 20127:2020; EN ISO 20127:2020)
Dentistry – Physical properties of powered toothbrushes (ISO 20127:2020; EN ISO 20127:2020)

HRN EN ISO 22598:2020 en pr
Stomatologija – Uzorci boja za intraoralno određivanje boje zuba (ISO 22598:2020; EN ISO 22598:2020)
Dentistry – Colour tabs for intraoral tooth colour determination (ISO 22598:2020; EN ISO 22598:2020)

HRN EN ISO 25539-2:2020 en pr
Kardiovaskularni implantati – Endovaskularna sredstva – 2. dio: Vaskularni stentovi (ISO 25539-2:2020; EN ISO 25539-2:2020)
Cardiovascular implants – Endovascular devices – Part 2: Vascular stents (ISO 25539-2:2020; EN ISO 25539-2:2020)

HRN EN ISO 81060-2:2019/A1:2020 en pr
Neinvazivni sfigmomanometri – 2. dio: Klinička ispitivanja automatiziranih vrsta mjerenja (ISO 81060-2:2018/Amd 1:2020; EN ISO 81060-2:2019/A1:2020)
Non-invasive sphygmomanometers – Part 2: Clinical investigation of intermittent automated measurement type (ISO 81060-2:2018/Amd 1:2020; EN ISO 81060-2:2019/A1:2020)

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

HRN EN 3155-008:2020 en pr
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – 008. dio: Kontakti, električni, muški, tip A, za krimpiranje, razreda S – Norma za proizvod (EN 3155-008:2019)
Aerospace series – Electrical contacts used in elements of connection – Part 008: Contacts, electrical, male, type A, crimp, class S – Product standard (EN 3155-008:2019)

HRN EN 3155-081:2020 en pr
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u elementima za povezivanje – Dio 081: Kontakti veličine 22 za normu EN 2997, električni, ženski, tip A, za krimpiranje, razreda T – Norma za proizvod (EN 3155-081:2019)
Aerospace series – Electrical contacts used in elements of connection – Part 081: Contacts size 22 for EN 2997, electrical, female, type A, crimp, class T – Product standard (EN 3155-081:2019)

HRN EN 6111:2020 en pr
Zrakoplovstvo – Etilen-propilen elastomer (EPM/EPDM) – Tvrdća 80IRHD za statičke brtvene elemente u hidrauličkim sustavima za dugotrajnu primjenu – Norma za materijal (EN 6111:2020)
Aerospace series – Ethylene-propylene elastomer (EPM/EPDM) – Hardness 80 IRHD for static seal elements in hydraulic systems for long-term application – Material standard (EN 6111:2020)

HRN EN 6139:2020 en pr
Zrakoplovstvo – Nemetalni zaštitni poklopci za spojnice prema normi EN 6123 (EN 6139:2020)
Aerospace series – Cap, protective, non-metallic, for EN 6123 fitting ends (EN 6139:2020)

HRN EN 6140:2020 en pr
Zrakoplovstvo – Nemetalni zaštitni utikači za spojnice prema normi NAS1760 i priključci prema normi AS33649 (EN 6140:2020)
Aerospace series – Plug, protective, non-metallic, for NAS1760 fitting ends and AS33649 boss ports (EN 6140:2020)

HRN EN 6141:2020 en pr
Zrakoplovstvo – Nemetalni zaštitni utikači za spojnice prema normi EN 6123 (EN 6141:2020)
Aerospace series – Plug, protective, non-metallic, for EN 6123 fitting ends (EN 6141:2020)

HRN EN 16603-20-01:2020 en pr
Svemirsko inženjerstvo – "Multipaction", oblikovanje i ispitivanje (EN 16603-20-01:2020)
Space engineering – Multipaction, design and test (EN 16603-20-01:2020)

HRN EN 16603-50-11:2020 en pr
Svemirsko inženjerstvo – Tehnologija SpaceFibre – Vrlo brza serijska veza (EN 16603-50-11:2020)
Space engineering – SpaceFibre – Very high-speed serial link (EN 16603-50-11:2020)

HRN EN 16803-1:2020 en pr
Svemir – Pozicioniranje u cestovnim inteligentnim transportnim sustavima primjenom GNSS-a – 1. dio: Definicije i postupci projektiranja sustava za utvrđivanje i ocjenjivanje svojstava (EN 16803-1:2020)
Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Part 1: Definitions and system engineering procedures for the establishment and assessment of performances (EN 16803-1:2020)

HRN EN 16803-2:2020 en pr
Svemir – Pozicioniranje u cestovnim inteligentnim transportnim sustavima primjenom GNSS-a – 2. dio: Ocjenjivanje osnovnih radnih značajki krajnjih uređaja za pozicioniranje primjenom GNSS-a (EN 16803-2:2020)
Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Part 2: Assessment of basic performances of GNSS-based positioning terminals (EN 16803-2:2020)

HRN EN 16803-3:2020 en pr
Svemir – Pozicioniranje u cestovnim inteligentnim transportnim sustavima primjenom GNSS-a – 3. dio: Ocjenjivanje sigurnosnih radnih značajki krajnjih uređaja za pozicioniranje primjenom GNSS-a (EN 16803-3:2020)
Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Part 3: Assessment of security performances of GNSS-based positioning terminals (EN 16803-3:2020)

HZN/TU V1, *Elektronika 1*

HRN EN IEC 60352-5:2020 en pr
Nelemijeni spojevi – 5. dio: Utisnuti spojevi – Opći zahtjevi, metode ispitivanja i praktične upute (IEC 60352-5:2020; EN IEC 60352-5:2020)
Solderless connections – Part 5: Press-in connections – General requirements, test methods and practical guidance (IEC 60352-5:2020; EN IEC 60352-5:2020)

HRN EN IEC 60747-5-5:2020 en pr
Poluvodičke komponente – Dio 5-5: Optoelektroničke komponente – Optoizolator (IEC 60747-5-5:2020; EN IEC 60747-5-5:2020)
Semiconductor devices – Part 5-5: Optoelectronic devices – Photocouplers (IEC 60747-5-5:2020; EN IEC 60747-5-5:2020)

HRN EN 60747-16-5:2014/A1:2020 en pr
Poluvodičke komponente – Dio 16-5: Mikrovalni integrirani sklopovi – Oscilatori (IEC 60747-16-5:2013/A1:2020+Corr.1:2020; EN 60747-16-5:2013/A1:2020)
Semiconductor devices – Part 16-5: Microwave integrated circuits – Oscillators (IEC 60747-16-5:2013/A1:2020+Corr.1:2020; EN 60747-16-5:2013/A1:2020)

HRN EN IEC 61076-2-012:2020 en pr
Konektori za električni i elektronički opremu – Produktne zahtjevi – Dio 2-012: Okrugli konektori – Detaljni specifikacije za konektore s unutarnjim gurno-povlačenim zaključivanjem na M12 konektor interfejsima prema IEC 61076-2-101, IEC 61076-2-109, IEC 61076-2-111 i IEC 61076-2-113 (IEC 61076-2-012:2020; EN IEC 61076-2-012:2020)

HRN EN IEC 61169-1-4:2020 en pr
Radiofrekvencijski konektori – Dio 1-4: Metode električnih ispitivanja – Omjer napona stojnog vala, gubitak povrata i koeficijent refleksije (IEC 61169-1-4:2020; EN IEC 61169-1-4:2020)
Radio-frequency connectors – Part 1-4: Electrical test methods – Voltage standing wave ratio, return loss and reflection coefficient (IEC 61169-1-4:2020; EN IEC 61169-1-4:2020)

HRN EN IEC 61280-4-5:2020 en pr
Fibre-optički komunikacijski sustavi – Postupci ispitivanja – Dio 4-5: Instalirani kabelski sustavi – Mjerenje atenuacije na MPO završenim optičkim kabelskim sustavima koristeći testnu opremu s MPO interfejsima (IEC 61280-4-5:2020; EN IEC 61280-4-5:2020)

HRN EN IEC 61757-4-3:2020 en pr
Svjetlovodni senzori – Dio 4-3: Mjerenje električne struje – Polarimetrijska metoda (IEC 61757-4-3:2020; EN IEC 61757-4-3:2020)
Fibre optic sensors – Part 4-3: Electric current measurement – Polarimetric method (IEC 61757-4-3:2020; EN IEC 61757-4-3:2020)

HRN EN IEC 61760-1:2020 en pr
Tehnologija površinske ugradnje – 1. dio: Standardna metoda za specifikaciju komponenta površinske ugradnje (SMDs) (IEC 61760-1:2020; EN IEC 61760-1:2020)
Surface mounting technology – Part 1: Standard method for the specification of surface mounting components (SMDs) (IEC 61760-1:2020; EN IEC 61760-1:2020)

HRN EN IEC 62149-3:2020 en pr
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 3. dio: Odašiljači s laserskim diodama integriranim u modulator za svjetlovodne prijenosne sustave od 40 Gbit/s (IEC 62149-3:2020; EN IEC 62149-3:2020)
Fibre optic active components and devices – Performance standards – Part 3: Modulator-integrated laser diode transmitters for 40-Gbit/s fibre optic transmission systems (IEC 62149-3:2020; EN IEC 62149-3:2020)

HRN EN IEC 62149-5:2020 en pr
Aktivne svjetlovodne komponente i uređaji – Izvedbene norme – 5. dio: ATM-PON primopredajnici s laserskim diodnim (LD) pogonom i CDR IC (IEC 62149-5:2020; EN IEC 62149-5:2020)
Fibre optic active components and devices – Performance standards – Part 5: ATM-PON transceivers with LD driver and CDR ICs (IEC 62149-5:2020; EN IEC 62149-5:2020)

HRN EN IEC 62790:2020 en pr
Razvodne kutije za fotonaponske module – Sigurnosni zahtjevi i ispitivanja (IEC 62790:2020; EN IEC 62790:2020)
Junction boxes for photovoltaic modules – Safety requirements and tests (IEC 62790:2020; EN IEC 62790:2020)

HRN EN IEC 62966-2:2020 en pr
Mehaničke konstrukcije za električnu i elektroničku opremu – Zaustavni prolaz za IT ormare – 2. dio: Detaljni zahtjevi za protok zraka, odvajanje zraka i hlađenje zraka (IEC 62966-2:2020; EN IEC 62966-2:2020)
Mechanical structures for electrical and electronic equipment – Aisle containment for IT cabinets – Part 2: Details of air flow, air separation and air cooling requirements (IEC 62966-2:2020; EN IEC 62966-2:2020)

HRN EN IEC 63041-3:2020 en pr
Piezoelektrični senzori – 3. dio: Fizički senzori (IEC 63041-3:2020; EN IEC 63041-3:2020)
Piezoelectric sensors – Part 3: Physical sensors (IEC 63041-3:2020; EN IEC 63041-3:2020)

HZN/TU W1, *Energetska elektrotehnika 1*

HRN EN 60127-3:2015/A1:2020 en pr
Minijaturni osigurači – 3. dio: Subminijaturni rastalni ulošci (IEC 60127-3:2015/am1:2020; EN 60127-3:2015/A1:2020)
Miniature fuses – Part 3: Sub-miniature fuse-links (IEC 60127-3:2015/am1:2020; EN 60127-3:2015/A1:2020)

HRN EN IEC 63252:2020 en pr
Potrošnja energije automata za prodaju (IEC 63252:2020; EN IEC 63252:2020)
Energy consumption of vending machines (IEC 63252:2020; EN IEC 63252:2020)

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 6, *Papir, karton i pulpe*

prEN ISO 12625-7 en
Tissue paper and tissue products – Part 7: Determination of optical properties – Measurement of brightness and colour with D65/10° (outdoor daylight) (ISO/DIS 12625-7:2020)
Tanki upijajući papir (tissue) i proizvodi od tankoga upijajućeg papira – 7. dio: Određivanje optičkih svojstava – Mjerenje svjetline i boje pri D65/10° (dnevnomu svjetlu) (ISO/DIS 12625-7:2020)

HZN/TO 8, *Brodogradnja*

ISO 799-1:2019 en
Ships and marine technology – Pilot ladders – Part 1: Design and specification
Brodovi i pomorska tehnologija – Peljarske ljestve – 1. dio: Projekt i specifikacija

ISO 5480:2020 en
Ships and marine technology – Guardrails for cargo ships
Brodski i pomorska tehnologija – Ograde na teretnim brodovima

ISO 9089:2019 en
Marine structures – Mobile offshore units – Mooring positioning windlasses and winches
Pomorske konstrukcije – Pokretni odobalni objekti – Sidrena vitla za potpomognuto privezivanje

ISO/TR 10134:2020 en
Small craft – Electrical devices – Established practices for the design, construction and installation of lightning-protection systems
Mala plovila – Električni uređaji – Ustajlene prakse za projektiranje, konstrukciju i montažu sustava gromobranske zaštite

ISO 11674:2019 en
Ships and marine technology – Heading control systems
Brodovi i pomorska tehnologija – Sustavi upravljanja smjerom

ISO 13617:2019 en
Ships and marine technology – Shipboard incinerators – Requirements
Brodski i pomorska tehnologija – Brodski spaljivači – Zahtjevi

ISO 15738:2019 en
Ships and marine technology – Maritime safety – Gas inflation systems for inflatable life-saving appliances
Brodovi i pomorska tehnologija – Pomorska sigurnost – Sustavi plinskog napuhavanja samonapuhavajućih sredstava za spašavanje

ISO 16165:2020 en
Ships and marine technology – Marine environment protection – Vocabulary relating to oil spill response
Brodovi i pomorska tehnologija – Zaštita pomorskog okoliša – Rječnik iz područja intervencija pri onečišćenju uljem

prEN 17556 en
Inland navigation vessels – Safety rota and safety plans for passenger vessels
Plovni objekti unutarnje plovidbe – Sigurnosni raspored dežurstava i sigurnosni planovi za putničke brodove

ISO 25862:2019 en
Ships and marine technology – Marine magnetic compasses, binnacles and azimuth reading devices
Brodovi i pomorska tehnologija – Magnetni kompasi, postolja kompasa i uređaji za očitavanje azimuta

HZN/TO 28, *Naftni proizvodi i maziva*

EN 589:2018/prA1 en
Automotive fuels – LPG – Requirements and test methods
Goriva za motorna vozila – UNP – Zahtjevi i metode ispitivanja

prEN 15692 en
Ethanol as a blending component for gasoline – Determination of water content – Karl Fischer potentiometric titration method
Etanol kao komponenta za namješavanje u benzin – Određivanje udjela vode – Metoda potenciometrijske titracije po Karl Fischeru

HZN/TO 126, *Duhan i duhanski proizvodi*

ISO 2965:2019 en
Materials used as cigarette papers, filter plug wrap and filter joining paper, including materials having a discrete or oriented permeable zone and materials with bands of differing permeability – Determination of air permeability
Materijali koji se upotrebljavaju kao cigaretni papir, ovojni papir za filter i papir za usni dio cigarete, uključujući i materijale koji imaju odijeljenu ili usmjerenu propusnu zonu i materijali s područjima različite propusnosti – Određivanje propusnosti zraka

ISO 4387:2019 en
Cigarettes – Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine
Cigarete – Određivanje ukupnog i suhog dimnog kondenzata bez nikotina (katrana) uporabom rutinskog analitičkog stroja za pušenje

ISO 4874:2020 en
Tobacco – Sampling of batches of raw material – General principles
Duhan – Uzorkovanje partija sirovog duhana – Opća načela

ISO 7210:2018 en
Routine analytical cigarette-smoking machine – Additional test methods for machine verification
Rutinski analitički uređaj za pušenje cigareta – Dodatne metode ispitivanja za verifikaciju uređaja

ISO 9512:2019 en
Cigarettes – Determination of ventilation – Definitions and measurement principles
Cigarette – Određivanje prozračivanja – Definicije i načela mjerenja

ISO 10362-1:2019 en
Cigarettes – Determination of water in total particulate matter from the mainstream smoke – Part 1: Gas-chromatographic method
Cigarette – Određivanje vode u sirovom dimnom kondenzatu iz glavne struje dima – 1. dio: Metoda plinske kromatografije

ISO 13276:2020 en
Tobacco and tobacco products – Determination of nicotine purity – Gravimetric method using tungstosilicic acid
Duhan i duhanski proizvodi – Određivanje čistoće nikotina – Gravimetrijska metoda uporabom silikovolframove kiseline

ISO 16055:2019 en
Tobacco and tobacco products – Monitor test piece – Requirements and use
Duhan i duhanski proizvodi – Etalonska cigareta – Zahtjevi i upotreba

ISO 20193:2019 en
Tobacco and tobacco products – Determination of the width of the strands of cut tobacco
Duhan i duhanski proizvodi – Određivanje širine vlakana rezanog duhana

ISO 22634-1:2019 en
Cigarettes – Determination of benzo[a]pyrene in cigarette mainstream smoke using GC/MS – Part 1: Method using methanol as extraction solvent
Cigarette – Određivanje benzo[a]pirena u glavnoj struji dima pomoću vezanog sustava plinske kromatografije-spektrometrije masa (GC/MS) – 1. dio: Metoda s uporabom metanola kao ekstrakcijskog otapala

ISO 22634-2:2019 en
Cigarettes – Determination of benzo[a]pyrene in cigarette mainstream smoke using GC/MS – Part 2: Method using cyclohexane as extraction solvent
Cigarette – Određivanje benzo[a]pirena u glavnoj struji dima pomoću vezanog sustava plinske kromatografije-spektrometrije masa (GC/MS) – 2. dio: Metoda s uporabom cikloheksana kao ekstrakcijskog otapala

HZN/TO 146, Kvaliteta zraka

prEN 1540 en
Workplace exposure – Terminology
Profesionalna izloženost – Nazivlje

prEN 14583 en
Workplace exposure – Volumetric bioaerosol sampling devices – General requirements for use and evaluation of performance
Profesionalna izloženost – Volumetrijski uređaji za prikupljanje bioaerosola – Opći zahtjevi za uporabu i vrednovanje radnih značajki uređaja

prEN 17255-3 en
Stationary source emissions – Data acquisition and handling systems – Part 3: Specification of requirements for the performance test of data acquisition and handling systems
Emisije iz nepokretnih izvora – Sustavi za prikupljanje i obradu podataka – 3. dio: Specifikacija zahtjeva za ispitivanje radnih značajki sustava za prikupljanje i obradu podataka

HZN/TO 163, Toplinska izolacija

prEN ISO 6781-1 en
Performance of buildings – Detection of heat, air and moisture irregularities in buildings by infrared methods – Part 1: General procedures (ISO/DIS 6781-1:2020)
Značajke zgrada – Otkrivanje nepravilnosti povezanih s toplinom, zrakom i vlagom u zgradama pomoću infracrvenih metoda – 1. dio: Opći postupci (ISO/DIS 6781-1:2020)

HZN/TO 178, Dizala, pokretne stube i pokretne trake za osobe

prEN 81-21 en
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 21: New passenger and goods passenger lifts in existing building
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za transport osoba i tereta – 21. dio: Nova osobna dizala i osobna teretna dizala u postojećim zgradama

prEN 81-28 en
Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 28: Remote alarm on passenger and goods passenger lifts
Sigurnosna pravila za konstrukciju i ugradnju dizala – Dizala za prijevoz osoba i tereta – 28. dio: Daljinska dojava opasnosti na osobnim i osobno teretnim dizalima

prEN 81-58 en
Safety rules for the construction and installation of lifts – Examination and tests – Part 58: Landing doors fire resistance test
Sigurnosna pravila za konstrukciju i ugradnju dizala – Pregledavanje i ispitivanje – 58. dio: Vrata voznog okna, ispitivanje vatrootpornosti

prEN 81-71 en
Safety rules for the construction and installation of lifts – Particular applications to passenger lifts and goods passenger lifts – Part 71: Vandal resistant lifts
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 71. dio: Dizala otporna na vandalsko ponašanje

prEN 81-77 en
Safety rules for the construction and installations of lifts – Particular applications for passenger and goods passenger lifts – Part 77: Lifts subject to seismic conditions
Sigurnosna pravila za konstrukciju i ugradnju dizala – Posebna primjena za osobna dizala i osobna teretna dizala – 77. dio: Dizala izložena seizmičkim uvjetima

prEN 12158-1 en
Builders' hoists for goods – Part 1: Hoists with accessible platforms
Građevna dizala za transport materijala – 1. dio: Dizala s dozvoljenim pristupom na platformu

prEN 12159 en
Builders' hoists for persons and materials with vertically guided cages
Građevna dizala za prijevoz osoba i materijala s okomito vođenom voznom košarom

HZN/TO 215, Zdravstvena informatika

prEN ISO 13972 en
Health informatics – Clinical information models – Characteristics, structures and requirements (ISO/DIS 13972:2020)

HZN/TO 238, Čvrsta biogoriva

prEN ISO 17225-9 en
Solid biofuels – Fuel specifications and classes – Part 9: Graded hog fuel and wood chips for industrial use (ISO/DIS 17225-9:2020)

HZN/TO 502, Plinski uređaji

prEN 298 en
Automatic burner control systems for burners and appliances burning gaseous or liquid fuels
Automatski regulacijski (upravljački) sustavi za plamenike i uređaje za plinovita ili tekuća goriva

prEN 14459 en
Safety and control devices for burners and appliances burning gaseous or liquid fuels – Control functions in electronic systems – Methods for classification and assessment
Sigurnosni i regulacijski uređaji za plamenike i uređaje na plinska ili tekuća goriva – Kontrolne funkcije u elektroničkim sustavima – Metode za razredbu i ocjenjivanje

HZN/TO 504, Korozija i zaštita metala i legura

prEN ISO 10270 en
Corrosion of metals and alloys – Aqueous corrosion testing of zirconium alloys for use in nuclear power reactors (ISO/DIS 10270:2020)
Korozija metala i legura – Ispitivanje korozije u vodi cirkonijevih legura za uporabu u nuklearnim reaktorima (ISO/DIS 10270:2020)

ISO 11845:2020 en
Corrosion of metals and alloys – General principles for corrosion testing
Korozija metala i legura – Opća načela za ispitivanje korozije

HZN/TO 517, Posebne vrste konstrukcija

prEN 1004-2 en
Mobile access and working towers made of prefabricated elements – Part 2: Rules and guidelines for the preparation of an instruction manual
Pokretne platforme i radni tornjevi od predgotovljenih elemenata – 2. dio: Pravila i smjernice za pripremu priručnika za uporabu

HZN/TO 528, Oprema za željeznice

prEN 15427-1-1 en
Railway applications – Wheel/Rail friction management – Part 1-1: Equipment and Application – Flange Lubricants

prEN 15427-2-1 en
Railway applications – Wheel/Rail friction management – Part 2-1: Properties and Characteristics – Flange lubricants

prEN 16839 en
Railway applications – Rolling stock – Head stock layout
Željeznički sustav – Željeznička vozila – Raspored opreme na čelnoj gredi vozila

HZN/TO 536, Vrata, prozori i staklo u graditeljstvu

prEN 12320 en
Building hardware – Padlocks and padlock fittings – Requirements and test methods
Građevni okovi – Lokoti i pribor – Zahtjevi i metode ispitivanja

prEN 13126-1 en
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 1: Requirements common to all types of hardware
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 1. dio: Zahtjevi za sve vrste okova

prEN 13126-13 en
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 13: Sash balances
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 13. dio: Ravnotežni utezi krila

prEN 13126-14 en
Building hardware – Hardware for windows and door height windows – Requirements and test methods – Part 14: Sash fasteners
Građevni okovi – Okovi za prozore i prozorska vrata – Zahtjevi i metode ispitivanja – 14. dio: Okretni zatvarači krila

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

prEN ISO 10209 en
Technical product documentation – Vocabulary – Terms relating to technical drawings, product definition and related documentation (ISO/DIS 10209:2020)
Tehnička dokumentacija proizvoda – Terminološki rječnik – Nazivi vezani uz tehničke crteže, definicije proizvoda i pripadajuće dokumentacije (ISO/DIS 10209:2020)

HZN/TO 543, Poštanske usluge

FprCEN/TR 17535 en
Requirements to connect, access, participate and further develop open global networks and systems, for postal operators and the wider postal sector players

FprCEN/TR 17536 en
Requirements for electronic advanced data (EDA) in postal operations, in particular compliant to security and customs requirements

HZN/TO 550, Opskrba vodom

prEN 12873-4 en
Influence of materials on water intended for human consumption – Influence due to migration – Part 4: Test method for water treatment membranes
Utjecaj materijala na vodu namijenjenu ljudskoj potrošnji – Utjecaj zbog migracije – 4. dio: Metoda ispitivanja za membrane koje se upotrebljavaju u obradi vode

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

prEN 558 en
Industrial valves – Face-to-face and centre-to-face dimensions of metal valves for use in flanged pipe systems – PN and Class designated valves
Industrijski zaporni uređaji – Ugradbene mjere metalnih zapornih uređaja za primjenu u cijevnim sustavima s prirubničkim spojevima – Zaporni uređaji s oznakama PN-a i razreda

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

EN ISO 11439:2013/prA1 en
Gas cylinders – High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles (ISO 11439:2013/DAmD 1:2020)
Plinske boce – Visokotlačne posude za ugradbene spremnike prirodnog plina kao goriva za vozila (ISO 11439:2013/DAmD 1:2020)

prEN 12245 en
Transportable gas cylinders – Fully wrapped composite cylinders
Prenosive plinske boce – Potpuno omotane kompozitne boce

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

EN ISO 4833-1:2013/prA1 en
Microbiology of the food chain – Horizontal method for the enumeration of microorganisms – Part 1: Colony count at 30 degrees C by the pour plate technique – Amendment 1: Clarification of scope (ISO 4833-1:2013/DAmD 1:2020)
Mikrobiologija u lancu hrane – Horizontalna metoda za određivanje broja mikroorganizama – 1. dio: Određivanje broja kolonija pri 30 °C tehnikom zalijevanja podloge – Amandman 1: Pojašnjenje područja primjene (ISO 4833-1:2013/DAmD 1:2020)

prEN ISO 23418 en
Microbiology of the food chain – Whole genome sequencing for typing and genomic characterization of foodborne bacteria – General requirements and guidance (ISO/DIS 23418:2020)
Mikrobiologija u lancu hrane – Sekvenciranje cijeloga genoma radi tipizacije i genske identifikacije bakterija koje se prenose hranom – Opći zahtjevi i smjernice (ISO/DIS 23418:2020)

HZN/TO 569, Hrana za životinje

prEN 17550 en
Animal feeding stuffs: Methods of sampling and analysis – Determination of carotenoids in animal compound feed and premixtures by high performance liquid chromatography – UV detection (HPLC-UV)
Hrana za životinje: Metode uzorkovanja i analize – Određivanje karotenoida u krmnim smjesama i premiksima tekućinskom kromatografijom visokog učinka (HPLC) – UV detekcija (HPLC-UV)

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

ISO 5355:2019 en
Alpine ski-boots – Requirements and test methods
Skijaške cipele (pancerice) za alpsko skijanje – Zahtjevi i metode ispitivanja

ISO 6005:2019 en
Alpine skis – Ski binding screws – Test methods
Skije za alpsko skijanje – Vijci za skijaške vezove – Metode ispitivanja

ISO 7331:2020 en
Ski-poles for alpine and touring skiing – Requirements and test methods
Skijaški štapovi za alpsko i turno skijanje – Zahtjevi i metode ispitivanja

ISO 8061:1991 en
Alpine ski-bindings – Selection of release torque values
Vezovi za skije za alpsko skijanje – Odabir vrijednosti momenta otpuštanja

- ISO 9523:2019 en
Touring ski-boots for adults – Interface with touring ski-bindings – Requirements and test methods
Skijaške cipele (pancerice) za turno skijanje za odrasle – Međusklop s vezovima za turno skijanje – Zahtjevi i metode ispitivanja
- ISO 9838:2019 en
Alpine and touring ski-bindings – Test soles for ski-binding tests
Skijaški vezovi za alpsko i turno skijanje – Provjera potplata pri ispitivanju skijaških vezova
- ISO 11088:2018 en
Alpine ski/binding/boot (S-B-B) system – Assembly, adjustment and inspection
Montiranje, prilagodba i pregled sustava skija-vez-skijaška cipela (S-B-B) u alpskom skijanju
- ISO 20740:2019 en
Martial arts – Wushu Taiji sword – Requirements and test method
Borilačke vještine – Mač za wushu tai chi – Zahtjevi i metode ispitivanja
- ISO 21924-9:2020 en
Martial arts – Protective equipment for martial arts – Part 9: Additional requirements and test methods for Wushu Sanda head protectors
Borilačke vještine – Zaštitna oprema za borilačke vještine – 9. dio: Dodatni zahtjevi i metode ispitivanja za štitnike glave za wushu sanda

HZN/TO 572, Kruta uporabljena goriva

- prEN ISO 22940 en
Solid recovered fuels – Determination of elemental composition by X-ray fluorescence (ISO/DIS 22940:2020)

HZN/TO E14, Energetski transformatori

- EN IEC 60076-24:2020 en
Power transformers – Part 24: Specification of voltage regulating distribution transformers (VRDT) (IEC 60076-24:2020)
Energetski transformatori – 24. dio: Specifikacija distribucijskih transformatora s regulacijom napona (VRDT) (IEC 60076-24:2020)

HZN/TO E45, Nuklearna instrumentacija

- prEN IEC 61563:2020 en
Radiation protection instrumentation – Equipment for measuring specific activity of gamma-emitting radionuclides in foodstuffs (IEC 61563:2019)
- prEN IEC 62244:2020 en
Radiation protection instrumentation – Installed radiation portal monitors (RPMs) for the detection of illicit trafficking of radioactive and nuclear materials (IEC 62244:2019)
- prEN IEC 63047:2020 en
Nuclear instrumentation – Data format for list mode digital data acquisition used in radiation detection and measurement (IEC 63047:2018+Corr.1:2020)

HZN/TO E62, Električna oprema u medicinskoj praksi

- EN 60601-1-9:2008/A2:2020 en
Medical electrical equipment – Part 1-9: General requirements for basic safety and essential performance – Collateral Standard: Requirements for environmentally conscious design (IEC 60601-1-9:2007/am2:2020)
Medicinska električna oprema – Dio 1-9: Opći zahtjevi za osnovnu sigurnost i bitne radne značajke – Popratna norma: Zahtjevi za oblikovanje s brigom za zaštitu okoliša (IEC 60601-1-9:2007/am2:2020)

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

- prEN IEC 62264-6 en
Enterprise-control system integration – Part 6: Messaging service model (IEC 62264-6:2020)
Integracija sustava za vođenje poduzeća – 6. dio: Model usluge za razmjenu poruka (IEC 62264-6:2020)

HZN/TO T4, Normizacija u telekomunikacijama

- Draft EN 301 025 V2.2.2:2020 en
VHF radiotelephone equipment for general communications and associated equipment for Class “D” Digital Selective Calling (DSC) – Harmonised Standard for access to radio spectrum and for features for emergency services
VHF radiotelefonska oprema za opću komunikaciju i pridružena oprema za klasu „D“ digitalnog selektivnoga pozivanja (DCS) – Harmonizirana norma za pristup radijskom spektru i za svojstva hitnih službi
- Draft EN 303 276 V1.2.0:2020 en
Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities – Harmonised Standard for access to radio spectrum
Pomorska širokopoljasna radioveza koja radi unutar pojasa 5 852 MHz do 5 872 MHz i/ili 5 880 MHz do 5 900 MHz za brodove i obalne instalacije uključene u koordinirane aktivnosti – Harmonizirana norma za pristup radijskom spektru
- Draft EN 303 413 V1.2.0:2020 en
Satellite Earth Stations and Systems (SES) – Global Navigation Satellite System (GNSS) receivers – Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands – Harmonised Standard for access to radio spectrum
Satelitske zemaljske postaje i sustavi (SES) – Prijamnici globalnoga satelitskog navigacijskog sustava (GNSS) – Radijska oprema koja radi u frekvencijskim pojasi od 1 164 MHz do 1 300 MHz i od 1 559 MHz do 1 610 MHz – Harmonizirana norma za pristup radijskom spektru
- Draft EN 303 699 V1.1.0:2020 en
Satellite Earth Stations and Systems (SES) – Fixed earth stations communicating with non-geostationary satellite systems in the 20 GHz and 30 GHz FSS bands – Harmonised Standard for access to radio spectrum
Satelitske zemaljske postaje i sustavi (SES) – Nepokretne zemaljske postaje koje komuniciraju s ne-geostacionarnim satelitskim sustavima u FSS pojasi 20 GHz i 30 GHz – Harmonizirana norma za pristup radijskom spektru
- Draft EN 303 981 V1.1.0:2020 en
Satellite Earth Stations and Systems (SES) – Fixed and in-motion Wide Band Earth Stations communicating with non-geostationary satellite systems (WBES) in the 11 GHz to 14 GHz frequency bands – Harmonised Standard for access to radio spectrum
Satelitske zemaljske postaje i sustavi (SES) – Nepokretne i pokretne širokopoljasne zemaljske postaje koje komuniciraju s ne-geostacionarnim satelitskim sustavima (WBES) u frekvencijskim pojasi od 11 GHz do 14 GHz – Harmonizirana norma za pristup radijskom spektru

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

- prEN ISO 8130-2 en
Coating powders – Part 2: Determination of density by gas comparison pycnometer (referee method) (ISO/DIS 8130-2:2020)
Praškasti prekrivni materijali – 2. dio: Određivanje gustoće pomoću plinskog piknometra (referentna metoda) (ISO/DIS 8130-2:2020)
- prEN ISO 8130-3 en
Coating powders – Part 3: Determination of density by liquid displacement pycnometer (ISO/DIS 8130-3:2020)
Praškasti prekrivni materijali – 3. dio: Određivanje gustoće pomoću piknometra istiskivanjem tekućine (ISO/DIS 8130-3:2020)
- prEN ISO 8130-5 en
Coating powders – Part 5: Determination of flow properties of a powder/air mixture (ISO/DIS 8130-5:2020)
Praškasti prekrivni materijali – 5. dio: Određivanje svojstava tečenja mješavine prašak/zrak (ISO/DIS 8130-5:2020)
- prEN ISO 8130-6 en
Coating powders – Part 6: Determination of gel time of thermosetting coating powders at a given temperature (ISO/DIS 8130-6:2020)
Praškasti prekrivni materijali – 6. dio: Određivanje vremena geliranja termoreaktivnih praškastih prekrivnih materijala pri zadanoj temperaturi (ISO/DIS 8130-6:2020)

prEN ISO 8130-8 en
Coating powders – Part 8: Assessment of the storage stability of thermosetting powders (ISO/DIS 8130-8:2020)
Praškasti prekrivni materijali – 8. dio: Procjena stabilnosti termoreaktivnih praškastih prekrivnih materijala pri skladištenju (ISO/DIS 8130-8:2020)

prEN ISO 8130-10 en
Coating powders – Part 10: Determination of deposition efficiency (ISO/DIS 8130-10:2020)
Praškasti prekrivni materijali – 10. dio: Određivanje učinkovitosti nanošenja (ISO/DIS 8130-10:2020)

prEN 14175-8 en
Fume cupboards – Part 8: Fume cupboards for work with radioactive materials
Digestori – 8. dio: Digestori za rad s radioaktivnim materijalima

prEN ISO 15741 en
Paints and varnishes – Friction-reduction coatings for the interior of on- and offshore steel pipelines for non-corrosive gases (ISO 15741:2016)
Boje i lakovi – Premazi za smanjenje trenja za unutrašnjost obalnih i odobalnih čeličnih cijevovoda za nekorozivne plinove (ISO 15741:2016)

HZN/TU I2, Strojarstvo 2

prEN ISO 4037-1 en
Radiological protection – X and gamma reference radiation for calibrating dosimeters and dose rate meters and for determining their response as a function of photon energy – Part 1: Radiation characteristics and production methods (ISO 4037-1:2019)

prEN ISO 4037-2 en
Radiological protection – X and gamma reference radiation for calibrating dosimeters and dose rate meters and for determining their response as a function of photon energy – Part 2: Dosimetry for radiation protection over the energy ranges from 8 keV to 1; 3 MeV and 4 MeV to 9 MeV (ISO 4037-2:2019)

prEN ISO 4037-3 en
Radiological protection – X and gamma reference radiation for calibrating dosimeters and dose rate meters and for determining their response as a function of photon energy – Part 3: Calibration of area and personal dosimeters and the measurement of their response as a function of energy and angle of incidence (ISO 4037-3:2019)

prEN ISO 4037-4 en
Radiological protection – X and gamma reference radiation for calibrating dosimeters and dose rate meters and for determining their response as a function of photon energy – Part 4: Calibration of area and personal dosimeters in low energy X reference radiation fields (ISO 4037-4:2019)

prEN ISO 8299 en
Nuclear fuel technology – Determination of the isotopic and elemental uranium and plutonium concentrations of nuclear materials in nitric acid solutions by thermal-ionization mass spectrometry (ISO 8299:2019)

prEN ISO 9161 en
Uranium dioxide powder – Determination of apparent density and tap density (ISO 9161:2019)

prEN ISO 9463 en
Nuclear energy – Nuclear fuel technology – Determination of plutonium in nitric acid solutions by spectrophotometry (ISO 9463:2019)

prEN ISO 11929-1 en
Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation – Fundamentals and application – Part 1: Elementary applications (ISO 11929-1:2019)

prEN ISO 11929-2 en
Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation – Fundamentals and application – Part 2: Advanced applications (ISO 11929-2:2019)

prEN ISO 11929-3 en
Determination of the characteristic limits (decision threshold, detection limit and limits of the coverage interval) for measurements of ionizing radiation – Fundamentals and application – Part 3: Application to unfolding methods (ISO 11929-3:2019)

prEN ISO 12807 en
Safe transport of radioactive materials – Leakage testing on packages (ISO 12807:2018)

prEN ISO 14146 en
Radiological protection – Criteria and performance limits for the periodic evaluation of dosimetry services (ISO 14146:2018)

prEN ISO 16793 en
Nuclear fuel technology – Guidelines for ceramographic preparation of UO₂ sintered pellets for microstructure examination (ISO 16793:2018)

prEN ISO 18256-1 en
Nuclear fuel technology – Dissolution of plutonium dioxide-containing materials – Part 1: Dissolution of plutonium dioxide powders (ISO 18256-1:2019)

prEN ISO 18256-2 en
Nuclear fuel technology – Dissolution of plutonium dioxide-containing materials – Part 2: Dissolution of MOX pellets and powders (ISO 18256-2:2019)

prEN ISO 20046 en
Radiological protection – Performance criteria for laboratories using Fluorescence In Situ Hybridization (FISH) translocation assay for assessment of exposure to ionizing radiation (ISO 20046:2019)

prEN ISO 28057 en
Clinical dosimetry – Dosimetry with solid thermoluminescence detectors for photon and electron radiations in radiotherapy (ISO 28057:2019)

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

prEN 12184 en
Electrically powered wheelchairs, scooters and their chargers – Requirements and test methods
Invalidska kolica na električni pogon, skuteri i njihovi punjači – Zahtjevi i metode ispitivanja

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

prEN 2467 en
Aerospace series – Steel X2CrNi18-9 (1.4307) – Air melted – Softened – Plates, sheets and strips – 0; 4 mm ≤ a ≤ 20 mm – 520 MPa ≤ Rm ≤ 670 MPa

prEN 2573 en
Aerospace series – Steel X6CrNiTi18-10 (1.4541) – Air melted – Softened – Wires – 0,25 mm ≤ De ≤ 3 mm – Rm ≤ 780 MPa

prEN 3228 en
Aerospace series – Nuts, hexagonal, plain, reduced height, normal across flats, in steel, cadmium plated – Classification: 900 MPa (at ambient temperature)/235 °C
Zrakoplovstvo – Matice, šesterokutne, ravne, skraćene visine, s normalnim ravnim presjekom, od čelika, prevučene kadmijem – Klasifikacija: 900 MPa (pri temperaturi okoline)/235 °C

prEN 3480 en
Aerospace series – Steel X6CrNiTi18-10 (1.4541) – Air melted – Softened – Plate – 6 mm < a ≤ 50 mm – 500 MPa ≤ Rm ≤ 700 MPa

prEN 3487 en
Aerospace series – Steel X6CrNiTi18-10 (1.4541) – Air melted – Softened – Bars for machining – a or D ≤ 250 mm – 500 MPa ≤ Rm ≤ 700 MPa

prEN 3488 en
Aerospace series – Steel X6CrNiTi18-10 (1.4541) – Air melted – Softened – Sheets and strips – a ≤ 6 mm – 500 MPa ≤ Rm ≤ 700 MPa

prEN 4157 en
Aerospace series – Rod end, with self-aligning double row ball bearings and threaded shank in steel – Dimensions and loads, Inch series

prEN 4842 en
Aerospace series – Steel X5CrNiCu15-5 (WL 1.4545)
– Consumable electrode remelted (ESR or VAR) – Solution treated and precipitation treated (H1025) – Bars for machining – a or D ≤ 250 mm – 1 070 MPa ≤ Rm ≤ 1 200 MPa – Premium quality (pq)

prEN 6093 en
Aerospace series – Receptacle, floating, single lug

HZN/TU V1, *Elektronika 1*

prEN 50065-2-3 en
Signalling on low-voltage electrical installations in the frequency range 3 kHz to 148,5 kHz – Part 2-3: Immunity requirements for mains communicating equipment operating in the range of frequencies 3 kHz to 95 kHz and intended for use by electricity suppliers and distributors
Signalizacija na niskonaponskim električnim instalacijama u frekvencijskom području od 3 kHz do 148,5 kHz – Dio 2-3: Zahtjevi za otpornost mrežne komunikacijske opreme i sustava koji rade u rasponu frekvencije od 3 kHz do 95 kHz namijenjenih za uporabu dobavljačima i distributerima električne energije

EN IEC 60749-15:2020 en
Semiconductor devices – Mechanical and climatic test methods – Part 15: Resistance to soldering temperature for through-hole mounted devices (IEC 60749-15:2020)

EN IEC 60749-30:2020 en
Semiconductor devices – Mechanical and climatic test methods – Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing (IEC 60749-30:2020)

FprEN IEC 61010-2-033:2019/prAA en
Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-033: Particular requirements for hand-held multimeters and other meters for domestic and professional use, capable of measuring mains voltage
Sigurnosni zahtjevi za mjernu, upravljačku i laboratorijsku električnu opremu – Dio 2-033: Posebni zahtjevi za ručne multimetre i druga ručna mjerila za kućnu i profesionalnu uporabu koja mogu mjeriti napon javne električne mreže

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, napatuk) 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 22, *Cestovna vozila*

HRN EN ISO 15118-8:2019 en
Cestovna vozila – Komunikacijsko sučelje između vozila i električne mreže – 8. dio: Zahtjevi za fizički sloj i sloj podatkovne mreže za bežičnu komunikaciju (ISO 15118-8:2018; EN ISO 15118-8:2019)
Road vehicles – Vehicle to grid communication interface – Part 8: Physical layer and data link layer requirements for wireless communication (ISO 15118-8:2018; EN ISO 15118-8:2019)
- zamijenjena s: HRN EN ISO 15118-8:2020

HZN/TO 28, *Naftni proizvodi i maziva*

HRN EN ISO 3104/AC:2002 en
Naftni proizvodi – Prozirne i neprozirne tekućine – Određivanje kinematičke viskoznosti i izračunavanje dinamičke viskoznosti (ISO 3104:1994/Cor 1:1997; EN ISO 3104:1996/AC:1999)
Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:1994/Cor 1:1997; EN ISO 3104:1996/AC:1999)
- zamijenjena s: HRN EN ISO 3104:2020

HRN EN ISO 3104:1997 en
Naftni proizvodi – Prozirne i neprozirne tekućine – Određivanje kinematičke viskoznosti i izračunavanje dinamičke viskoznosti (ISO 3104:1994; EN ISO 3104:1996)
Petroleum products – Transparent and opaque liquids – Determination of kinematic viscosity and calculation of dynamic viscosity (ISO 3104:1994; EN ISO 3104:1996)
- zamijenjena s: HRN EN ISO 3104:2020

HZN/TO 34, *Poljoprivredni i prehrambeni proizvodi*

HRN EN ISO 15141-1:2009 en
Namirnice – Određivanje okratoksina A u žitaricama i proizvodima od žitarica – 1. dio: Metoda tekućinske kromatografije visokog učinka s pročišćavanjem sa silika gelom (ISO 15141-1:1998; EN ISO 15141-1:1998)
Foodstuffs – Determination of ochratoxin A in cereals and cereal products – Part 1: High performance liquid chromatographic method with silica gel clean up (ISO 15141-1:1998; EN ISO 15141-1:1998)
- bez zamjene

HRN EN ISO 15141-2:2009 en
Namirnice – Određivanje okratoksina A u žitaricama i proizvodima od žitarica – 2. dio: Metoda tekućinske kromatografije visokog učinka s pročišćavanjem s bikarbonatom (ISO 15141-2:1998; EN ISO 15141-2:1998)
Foodstuffs – Determination of ochratoxin A in cereals and cereal products – Part 2: High performance liquid chromatographic method with bicarbonate clean up (ISO 15141-2:1998; EN ISO 15141-2:1998)
- bez zamjene

HZN/TO 43, *Akustika*

HRN EN ISO 140-18:2008 en
Akustika – Mjerenje zvučne izolacije zgrada i građevnih elemenata – 18. dio: Laboratorijsko mjerenje zvuka nastalog padanjem kiše na građevne elemente (ISO 140-18:2006; EN ISO 140-18:2006)
Acoustics – Measurement of sound insulation in buildings and of building elements – Part 18: Laboratory measurement of sound generated by rainfall on building elements (ISO 140-18:2006; EN ISO 140-18:2006)
- bez zamjene

HZN/TO 44, *Zavarivanje i srodni postupci*

HRN EN ISO 2560:2010 en
Dodatni i potrošni materijali za zavarivanje – Obložene elektrode za ručno elektrolučno zavarivanje nelegiranih i sitnozrnatih čelika – Razredba (ISO 2560:2009; EN ISO 2560:2009)
Welding consumables – Covered electrodes for manual metal arc welding of non-alloy and fine grain steels – Classification (ISO 2560:2009; EN ISO 2560:2009)
- zamijenjena s: HRN EN ISO 2560:2020

HRN EN ISO 6847:2013 en
Dodatni i potrošni materijali za zavarivanje – Navarivanje metala zavara za kemijsku analizu (ISO 6847:2013; EN ISO 6847:2013)
Welding consumables – Deposition of a weld metal pad for chemical analysis (ISO 6847:2013; EN ISO 6847:2013)
- zamijenjena s: HRN EN ISO 6847:2020

HRN EN ISO 10564:1999 en
Tvrdo i meko lemljenje materijala – Metode za uzorkovanje mekog lema za analizu (ISO 10564:1993; EN ISO 10564:1997)
Soldering and brazing materials – Methods for the sampling of soft solders for analysis (ISO 10564:1993; EN ISO 10564:1997)
- bez zamjene

HRN EN ISO 14341:2012 en
Dodatni i potrošni materijali za zavarivanje – Žičane elektrode i depoziti za elektrolučno zavarivanje metalnom taljivom elektrodom u zaštiti plina za nelegirane i sitnozrnate čelike – Razredba (ISO 14341:2010; EN ISO 14341:2011)
Welding consumables – Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels – Classification (ISO 14341:2010; EN ISO 14341:2011)
- zamijenjena s: HRN EN ISO 14341:2020

HRN EN ISO 15792-1:2008 en
Dodatni i potrošni materijali za zavarivanje – Postupci ispitivanja – 1. dio: Postupci ispitivanja ispitivnih uzoraka metala zavara za čelik, niki i legure nikla (ISO 15792-1:2000; EN ISO 15792-1:2008)
Welding consumables – Test methods – Part 1: Test methods for all-weld metal test specimens in steel, nickel and nickel alloys (ISO 15792-1:2000; EN ISO 15792-1:2008)
- zamijenjena s: HRN EN ISO 15792-1:2020

HRN EN ISO 15792-1:2008/A1:2011 en
Dodatni i potrošni materijali za zavarivanje – Metode ispitivanja – 1. dio: Metode ispitivanja ispitivnih uzoraka čistog metala zavara za čelik, niki i legure nikla (ISO 15792-1:2000/Amd 1:2011; EN ISO 15792-1:2008/A1:2011)
Welding consumables – Test methods – Part 1: Test methods for all-weld metal test specimens in steel, nickel and nickel alloys (ISO 15792-1:2000/Amd 1:2011; EN ISO 15792-1:2008/A1:2011)
- zamijenjena s: HRN EN ISO 15792-1:2020

HRN EN ISO 15792-2:2008 en
Dodatni i potrošni materijali za zavarivanje – Postupci ispitivanja – 2. dio: Priprema čeličnih ispitivnih uzoraka za jednostrano ili dvostrano zavarivanje u jednom prolazu (ISO 15792-2:2000; EN ISO 15792-2:2008)
Welding consumables – Test methods – Part 2: Preparation of single-run and two-run technique test specimens in steel (ISO 15792-2:2000; EN ISO 15792-2:2008)
- zamijenjena s: HRN EN ISO 15792-2:2020

HZN/TO 46, Bibliotekarstvo, dokumentacija i informacije

HRN EN ISO 3166-1:2014 en,fr
Kodovi za označivanje imena država i njihovih pokrajina – 1. dio: Kodovi država (ISO 3166-1:2013; EN ISO 3166-1:2014)
Codes for the representation of names of countries and their subdivisions – Part 1: Country codes (ISO 3166-1:2013; EN ISO 3166-1:2014)
- zamijenjena s: HRN EN ISO 3166-1:2020

HRN CR 13907:2001 en
Informacijska tehnologija – Skup znakova i pretvorbe kodova – Opći model za pretvorbu grafičkih znakova (CR 13907:2000)
Information Technology – Character Repertoire and Coding Transformations – General model for graphic character transformations (CR 13907:2000)
- bez zamjene

HRN CR 13928:2001 en
Informacijska tehnologija – Vodič za uporabu norma za skupove znakova u Europi (CR 13928:2000)
Information Technology – Guide to the use of character set standards in Europe (CR 13928:2000)
- bez zamjene

HRI CR 14270:2009 en
Europske tipkovnice – Smjernice i pregled (CR 14270:2001)
European keyboards – Guidelines and overview (ISO/IEC 9995) (CR 14270:2001)
- bez zamjene

HZN/TO 71, Beton

HRN CR 13901:2007 en
Uporaba koncepta porodica betona za proizvodnju i kontrolu sukladnosti betona (CR 13901:2000)
The use of the concept of concrete families for the production and conformity control of concrete (CR 13901:2000)
- bez zamjene

HRN CR 13902:2007 en
Ispitne metode za utvrđivanje v/c omjera svježeg betona (CR 13902:2000)
Test methods for determining the water/cement ratio of fresh concrete (CR 13902:2000)
- bez zamjene

HZN/TO 92, Zaštita od požara

HRN EN 15269-20:2009 en
Proširena primjena rezultata ispitivanja otpornosti na požar i/ili dimopropusnosti vrata, zaslona i prozora koji se mogu otvarati, uključujući pripadajući okov – 20. dio: Dimopropusnost zaokretnih čeličnih i drvenih vrata, te staklenih vrata s metalnim dovratnikom (EN 15269-20:2009)
Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware – Part 20: Smoke control for hinged and pivoted steel, timber and metal framed glazed doorsets (EN 15269-20:2009)
- zamijenjena s: HRN EN 15269-20:2020

HRS CEN/TS 16459:2014 en
Izloženost krovova i krovnih pokrova požaru izvana – EXAP Proširena primjena rezultata ispitivanja prema CEN/TS 1187 (CEN/TS 16459:2013)
External Fire Exposure of Roofs and Roof Coverings – EXAP Extended application of test results from CEN/TS 1187 (CEN/TS 16459:2013)
- bez zamjene

HZN/TO 108, Mehaničke vibracije i udari

HRN CR 1030-1:2000 en
Vibracije ruke – Smjernice za smanjenje rizika uslijed vibracija – 1. dio: Inženjerske metode u projektiranju strojeva (CR 1030-1:1995)
Hand-arm vibration – Guidelines for vibration hazards reduction – Part 1: Engineering methods by design of machinery (CR 1030-1:1995)
- bez zamjene

HRN DIN 4150-3:2011 de
Vibracije u građevinama – 3. dio: Djelovanje na konstrukcije (DIN 4150-3:1999)
Erschütterungen im Bauwesen – Teil 3: Einwirkungen auf bauliche Anlage (DIN 4150-3:1999)
- zamijenjena s: HRN DIN 4150-3:2020

HZN/TO 120, Koža i obuća

HRN EN ISO 17234-1:2015 en
Koža – Kemijska ispitivanja za određivanje određenih azobojila u obojenoj koži – 1. dio: Određivanje određenih aromatskih amina dobivenih iz azobojila (ISO 17234-1:2015; EN ISO 17234-1:2015)
Leather – Chemical tests for the determination of certain azo colorants in dyed leathers – Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2015; EN ISO 17234-1:2015)
- zamijenjena s: HRN EN ISO 17234-1:2020

HZN/TO 121, Anestetička i respiracijska oprema

HRN ENV 737-6:2004 en
Cjevovodni sustavi medicinskih plinova – 6. dio: Veličine i smještaj utikača za utičnice komprimiranih medicinskih plinova i vakuuma (ENV 737-6:2003)
Medical gas pipeline systems – Part 6: Dimensions and allocation of probes for terminal units for compressed medical gases and vacuum (ENV 737-6:2003)
- bez zamjene

HRN EN ISO 7376:2010 en
Anestetička i respiracijska oprema – Laringoskopi za trahealnu intubaciju (ISO 7376:2009; EN ISO 7376:2009)
Anaesthetic and respiratory equipment – Laryngoscopes for tracheal intubation (ISO 7376:2009; EN ISO 7376:2009)
- zamijenjena s: HRN EN ISO 7376:2020

HRN EN ISO 10651-6:2010 en
Plućni ventilatori za medicinsku uporabu – Posebni zahtjevi za osnovnu sigurnost i nužne značajke – 6. dio: Uređaji za potporu disanju za primjenu u kućnoj njezi (ISO 10651-6:2004; EN ISO 10651-6:2009)
Lung ventilators for medical use – Particular requirements for basic safety and essential performance – Part 6: Home-care ventilatory support devices (ISO 10651-6:2004; EN ISO 10651-6:2009)
- zamijenjena s: HRN EN ISO 80601-2-79:2019, HRN EN ISO 80601-2-80:2019

HZN/TO 134, Gnojiva i poboljšivači tla

HRI CR 12949:2008 en
Gnojiva – Nazivi i specifikacije (CR 12949:2003)
Fertilizers – Denominations and specifications (CR 12949:2003)
- bez zamjene

HRN EN 13971:2013 en
Karbonatne i silikatne tvari za kalcifikaciju – Određivanje reaktivnosti – Metoda potencijometrijske titracije klorovodičnom kiselinom (EN 13971:2012)
Carbonate and silicate liming materials – Determination of reactivity – Potentiometric titration method with hydrochloric acid (EN 13971:2012)
- zamijenjena s: HRN EN 13971:2020

HZN/TO 135, Nerazorna ispitivanja

HRN EN 12668-2:2010 en
Nerazorno ispitivanje – Karakterizacija i provjeravanje opreme za ispitivanje ultrazvukom – 2. dio: Sonde (EN 12668-2:2010)
Non-destructive testing – Characterization and verification of ultrasonic examination equipment – Part 2: Probes (EN 12668-2:2010)
- zamijenjena s: HRN EN ISO 22232-2:2020

HRN CR 13935:2001 en
Nerazorno ispitivanje – Temeljni obrazac za podatke o nerazornim ispitivanjima (CR 13935:2000)
Non-destructive testing – Generic NDE data format model (CR 13935:2000)
- bez zamjene

HRS CEN/TS 15053:2008 en
Nerazorno ispitivanje – Preporuke za vrste diskontinuiteta u uzorcima za ispitivanje (CEN/TS 15053:2005)
Non-destructive testing – Recommendations for discontinuities-types in test specimens for examination (CEN/TS 15053:2005)
- bez zamjene

HRN CEN/TR 15134:2007 en
Nerazorno ispitivanje – Automatizirano ispitivanje ultrazvukom – Odabir i primjena sustava (CEN/TR 15134:2005)
Non-destructive testing – Automated ultrasonic examination – Selection and application of systems (CEN/TR 15134:2005)
- bez zamjene

HZN/TO 146, Kvaliteta zraka

HRS CEN/TS 15675:2008 en
Kakvoća zraka – Mjerenje emisije iz stacionarnih izvora – Primjena norme EN ISO/IEC 17025:2005 na povremena mjerenja (CEN/TS 15675:2007)
Air quality – Measurement of stationary source emissions – Application of EN ISO/IEC 17025:2005 to periodic measurements (CEN/TS 15675:2007)
- bez zamjene

HZN/TO 178, Dizala, pokretne stube i pokretne trake za osobe

HRS CEN/TS 115-4:2015 en
Sigurnost pokretnih stuba i pokretnih traka – 4. dio: Tumačenja koja se odnose na porodicu norma EN 115 (CEN/TS 115-4:2015)
Safety of escalators and moving walks – Part 4: Interpretations related to EN 115 family of standards (CEN/TS 115-4:2015)
- zamijenjena s: HRS CEN/TS 115-4:2020

HZN/TO 196, Prirodni kamen

HRN EN 14147:2004 en
Ispitne metode prirodnog kamena – Određivanje otpornosti na starenje pri djelovanju raspršene solne otopine (EN 14147:2003)
Natural stone test methods – Determination of resistance to ageing by salt mist (EN 14147:2003)
- bez zamjene

HRN EN 14617-8:2008 en
Kameni aglomerat – Ispitne metode – 8. dio: Određivanje otpornosti na učvršćenje (bušotina za trn) (EN 14617-8:2007)
Agglomerated stone – Test methods – Part 8: Determination of resistance to fixing (dowel hole) (EN 14617-8:2007)
- bez zamjene

HRN EN 14617-15:2008 en
Kameni aglomerat – Ispitne metode – 15. dio: Određivanje tlačne čvrstoće (EN 14617-15:2005)
Agglomerated stone – Test methods – Part 15: Determination of compressive strength (EN 14617-15:2005)
- bez zamjene

HZN/TO 207, Upravljanje okolišem

HRI ISO/TR 14062:2008 en
Upravljanje okolišem – Integracija aspekata okoliša u oblikovanju i razvoju proizvoda (ISO/TR 14062:2002)
Environmental management – Integrating environmental aspects into product design and development (ISO/TR 14062:2002)
- bez zamjene

HZN/TO 215, Zdravstvena informatika

HRN EN ISO 11073-10101:2008 en
Medicinska informatika – Povezivost medicinskog uređaja u trenutku liječenja – 10101. dio: Nomenklatura (ISO/IEEE 11073-10101:2004; EN ISO 11073-10101:2005)
Health informatics – Point-of-care medical device communications – Part 10101: Nomenclature (ISO/IEEE 11073-10101:2004; EN ISO 11073-10101:2005)
- zamijenjena s: HRN EN ISO 11073-10101:2020

HRN EN ISO 11073-10101:2008/A1:2017 en
Medicinska informatika – Povezivost medicinskog uređaja u trenutku liječenja – 10101. dio: Nomenklatura – Amandman 1: Dodatne definicije (ISO/IEEE 11073-10101:2004/Amd 1:2017; EN ISO 11073-10101:2005/A1:2017)
Health informatics – Point-of-care medical device communication – Part 10101: Nomenclature – Amendment 1: Additional definitions (ISO/IEEE 11073-10101:2004/Amd 1:2017; EN ISO 11073-10101:2005/A1:2017)
- zamijenjena s: HRN EN ISO 11073-10101:2020

HZN/TO 503, Metalni materijali

HRI CEN/TR 10317:2017 en
Europski potvrđeni referentni materijali (EURONORM-CRMs) za određivanje kemijskog sastava proizvoda iz željeznog lijeva i čelika pod pokroviteljstvom europskog odbora za normizaciju željeznog lijeva i čelika (ECISS) (CEN/TR 10317:2014)
European certified reference materials (EURONORM-CRMs) for the determination of the chemical composition of iron and steel products prepared under the auspices of the European Committee for Iron and Steel Standardization (ECISS) (CEN/TR 10317:2014)
- bez zamjene

HRN EN 10330:2015 en
Magnetni materijali – Metode mjerenja koercitivnosti magnetnih materijala u otvorenome magnetnom krugu (EN 10330:2015)
Magnetic materials – Method of measurement of the coercivity of magnetic materials in an open magnetic circuit (EN 10330:2015)
- zamijenjena s: HRN EN IEC 60404-7:2020

HRS CEN/TS 13388:2015 en
Bakar i legure bakra – Sažeti prikaz sastava i proizvoda (CEN/TS 13388:2015)
Copper and copper alloys – Compendium of compositions and products (CEN/TS 13388:2015)
- bez zamjene

HZN/TO 504, Korozija i zaštita metala i legura

HRN EN ISO 1460:2000 en
Metalne prevlake – Vruće pocinčane prevlake na željeznim i čeličnim predmetima – Gravimetrijsko određivanje mase po jedinici površine (ISO 1460:1992; EN ISO 1460:1994)
Metallic coatings – Hot dip galvanized coatings on ferrous materials – Gravimetric determination of the mass per unit area (ISO 1460:1992; EN ISO 1460:1994)
- bez zamjene

HZN/TO 505, Prijenos i distribucija plina

HRN EN 1474-2:2010 en
Ugradnja i oprema za ukapljeni prirodni plin – Projektiranje i ispitivanje pomorskih prijenosnih sustava – 2. dio: Projektiranje i ispitivanje crijeva za pretakanje (EN 1474-2:2008)
Installation and equipment for liquefied natural gas – Design and testing of marine transfer systems – Part 2: Design and testing of transfer hoses (EN 1474-2:2008)
- zamijenjena s: HRN EN 1474-2:2020

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

HRN EN ISO 15761:2008 en
Čelični zasuni, ventili i nepovratni ventili nazivnog promjera 100 i manjeg, za industriju nafte i prirodni plin (ISO 15761:2002; EN ISO 15761:2002)
Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries (ISO 15761:2002; EN ISO 15761:2002)
- zamijenjena s: HRN EN ISO 15761:2020

HZN/TO 518, Podovi, stropovi i zidne obloge

HRN EN 266:2008 en
Zidni pokrovi u rolama – Specifikacije za tekstilne zidne pokrove (EN 266:1991)
Wallcoverings in roll form – Specifications for textile wall coverings (EN 266:1991)
- zamijenjena s: HRN EN 266:2020

HRN EN 14837:2008 en
Površine sportskih terena – Određivanje otpornosti na proklizavanje (EN 14837:2006)
Surfaces for sports areas – Determination of slip resistance (EN 14837:2006)
- bez zamjene

HZN/TO 524, Inteligentni transportni sustavi

HRS ENV 12313-4:2008 en
Informacije o prometu i putovanju (TTI) – Informativne poruke o prometu i putovanju u sustavu kodiranja prometnih informacija – 4. dio: Protokol za kodiranje u sustavu prijenosa podataka putem radija – Kanal za prijenos podataka o prometu (RDS-TMC) – RDS-TMC uporabom ALERT Plus i ALERT C protokola (ENV 12313-4:2000)
Traffic and Traveller Information (TTI) – TTI Messages via Traffic Message Coding – Part 4: Coding Protocol for Radio Data System – Traffic Message Channel (RDS-TMC) – RDS-TMC using ALERT Plus with ALERT C (ENV 12313-4:2000)
- bez zamjene

HRN ENV 12694:2003 en
Javni prijevoz – Cestovna vozila – Zahtjevi za veličinama promjenjive elektroničke vanjske signalizacije (ENV 12694:1997)
Public transport – Road vehicles – Dimensional requirements for variable electronic external signs (ENV 12694:1997)
- bez zamjene

HRS ENV 12796:2008 en
Cestovni prijevoz i prometna telematika – Javni prijevoz – Validacijski uređaji (ENV 12796:1997)
Road transport and traffic telematics – Public transport – Validators (ENV 12796:1997)
- bez zamjene

HRS ENV 13093:2008 en
Javni prijevoz – Cestovna vozila – Zahtjevi za mehaničko sučelje vozačke konzole – Minimalni parametri za predočnik i tipkovnicu (ENV 13093:1998)
Public transport – Road vehicles – Driver's console mechanical interface requirements – Minimum display and keypad parameters (ENV 13093:1998)
- bez zamjene

HRS ENV 13998:2008 en
Cestovni prijevoz i prometna telematika – Javni prijevoz – Neinteraktivne dinamičke putničke informacije izvan vozila (ENV 13998:2001)
Road transport and traffic telematics – Public transport – Non-interactive dynamic passenger information on ground (ENV 13998:2001)
- bez zamjene

HRS CEN/TS 16614-1:2014 en
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTEx) – 1. dio: Format za razmjenu podataka o topologiji mreže javnog prijevoza (CEN/TS 16614-1:2014)
Public transport – Network and Timetable Exchange (NeTEx) – Part 1: Public transport network topology exchange format (CEN/TS 16614-1:2014)
- zamijenjena s: HRS CEN/TS 16614-1:2020

HRS CEN/TS 16614-2:2014 en
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTEx) – 2. dio: Format za razmjenu podataka o redovima vožnje javnog prijevoza (CEN/TS 16614-2:2014)
Public transport – Network and Timetable Exchange (NeTEx) – Part 2: Public transport scheduled timetables exchange format (CEN/TS 16614-2:2014)
- zamijenjena s: HRS CEN/TS 16614-2:2020

HRS CEN/TS 16614-3:2016 en
Javni prijevoz – Razmjena podataka o mreži i redovima vožnje (NeTEx) – 3. dio: Format za razmjenu podataka o naplatama javnog prijevoza (CEN/TS 16614-3:2016)
Public transport – Network and Timetable Exchange (NeTEx) – Part 3: Public transport fares exchange format (CEN/TS 16614-3:2016)
- zamijenjena s: HRS CEN/TS 16614-3:2020

HRS CEN/TS 16702-1:2014 en
Elektronička naplata – Sigurnosno nadgledanje za autonomne sustave naplate – 1. dio: Provjeravanje sukladnosti (CEN/TS 16702-1:2014)
Electronic fee collection – Secure monitoring for autonomous toll systems – Part 1: Compliance checking (CEN/TS 16702-1:2014)
- zamijenjena s: HRS CEN/TS 16702-1:2020

HRS CEN/TS 16702-2:2015 en
Elektronička naplata – Sigurnosno nadgledanje za autonomne sustave naplate – 2. dio: Siguran zapisivač (CEN/TS 16702-2:2015)
Electronic fee collection – Secure monitoring for autonomous toll systems – Part 2: Trusted recorder (CEN/TS 16702-2:2015)
- zamijenjena s: HRS CEN/TS 16702-2:2020

HZN/TO 528, Oprema za željeznice

HRN EN 14969:2007 en
Željeznički sustav – Željeznički gornji ustroj – Kvalifikacijski sustav za izvođače radova na željezničkome gornjem ustroju (EN 14969:2006)
Railway applications – Track – Qualification system for railway trackwork contractors (EN 14969:2006)
- bez zamjene

HRN EN 15806:2010 en
Željeznički sustav – Kočenje – Ispitivanje kočnice u mjestu (EN 15806:2010)
Railway applications – Braking – Static brake testing (EN 15806:2010)
- bez zamjene

HZN/TO 531, Plastika i guma

HRN EN ISO 1622-1:2012 en
Plastika – Polistirenski (PS) prešani i ekstrudirani materijali – 1. dio: Sustav označavanja i osnove za specifikacije (ISO 1622-1:2012; EN ISO 1622-1:2012)
Plastics – Polystyrene (PS) moulding and extrusion materials – Part 1: Designation system and basis for specifications (ISO 1622-1:2012; EN ISO 1622-1:2012)
- zamijenjena s: HRN EN ISO 24022-1:2020

HRN EN ISO 2897-2:2008 en
Plastika – Kalupljeni i ekstrudirani žilavi polistirenski materijali (PS-I) – 2. dio: Priprava ispitaka i određivanje svojstava (ISO 2897-2:2003; EN ISO 2897-2:2003)
Plastics – Impact-resistant polystyrene (PS-I) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties (ISO 2897-2:2003; EN ISO 2897-2:2003)
- zamijenjena s: HRN EN ISO 19063-2:2020

HRN EN ISO 10352:2011 en
Vlaknima ojačana plastika – Smjese za prešanje i preprezi – Određivanje mase po jedinici površine (ISO 10352:2010; EN ISO 10352:2010)
Fibre-reinforced plastics – Moulding compounds and prepregs – Determination of mass per unit area (ISO 10352:2010; EN ISO 10352:2010)
- zamijenjena s: HRN EN ISO 10352:2020

HZN/TO 536, Vrata, prozori i staklo u graditeljstvu

HRN EN 130:2001 en
Metode ispitivanja vrata – Ispitivanje promjene ukočenosti vratnoga krila dinamičkim torzijskim opterećenjem (EN 130:1984)
Methods of testing doors – Test for the change in stiffness of the door leaves by repeated torsion (EN 130:1984)
- bez zamjene

HRN EN 12605:2008 en
Industrijska, komercijalna, garažna i ostala ulazna vrata – Mehanička gledišta – Ispitne metode (EN 12605:2000)
Industrial, commercial and garage doors and gates – Mechanical aspects – Test methods (EN 12605:2000)
- zamijenjena s: HRN EN 12604:2017

HRN EN 15998:2011 en
Staklo u graditeljstvu – Sigurnost u slučaju požara – Vatrootpornost – Metodologija ispitivanja stakla u svrhu razredbe (EN 15998:2010)
Glass in building – Safety in case of fire – Fire resistance – Glass testing methodology for the purpose of classification (EN 15998:2010)
- zamijenjena s: HRN EN 15998:2020

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

HRN EN ISO 10360-4:2008 en
Geometrijske specifikacije proizvoda (GSP) – Testovi za prihvatljivost i naknadnu provjeru trokoordinatnih mjernih uređaja (TMU) – 4. dio: Uporaba TMU-a za mjerenje skeniranjem (ISO 10360-4:2000+Cor 1:2002; EN ISO 10360-4:2000+AC:2002)
Geometrical product specifications (GPS) – Acceptance and reverification tests for coordinate measuring machines (CMM) – Part 4: CMMs used in scanning measuring mode (ISO 10360-4:2000+Cor 1:2002; EN ISO 10360-4:2000+AC:2002)
- zamijenjena s: HRN EN ISO 10360-5:2020

HZN/TO 550, Opskrba vodom

HRN CR 14269:2005 en
Kemikalije koje se upotrebljavaju u obradi vode namijenjene ljudskoj uporabi – Smjernice za nabavu (CR 14269:2001)
Chemicals used for treatment of water intended for human consumption – Guidelines for the purchase (CR 14269:2001)
- bez zamjene

HZN/TO 555, Medicinski proizvodi

HRI CR 13217:2008 en
Sustav nomenklature za medicinske proizvode u svrhu obvezne razmjene podataka – Objašnjenje (CR 13217:1998)
Nomenclature system for medical devices for the purpose of regulatory data exchange – Rationale (CR 13217:1998)
- bez zamjene

HZN/TO 559, Zaporni, regulacijski i sigurnosni uređaji

HRN EN ISO 4126-3:2008 en
Sigurnosni uređaji za zaštitu od prekomjernog tlaka – 3. dio: Sigurnosni zaporni uređaji i sigurnosni uređaji s rasprsnim diskom u kombinaciji (ISO 4126-3:2006; EN ISO 4126-3:2006)
Safety devices for protection against excessive pressure – Part 3: Safety valves and bursting disc safety devices in combination (ISO 4126-3:2006; EN ISO 4126-3:2006)
- zamijenjena s: HRN EN ISO 4126-3:2020

HRN EN ISO 10434:2008 en
Čelični zasuni s kapom pričvršćenom vijcima za uporabu u naftnoj, petrokemijskoj i pratećim industrijama (ISO 10434:2004; EN ISO 10434:2004)
Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries (ISO 10434:2004; EN ISO 10434:2004)
- bez zamjene

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

HRN EN 14082:2005 en
Namirnice – Određivanje elemenata u tragovima – Određivanje olova, kadmija, cinka, bakra, željeza i kroma atomskom apsorpcijskom spektrometrijom (AAS) nakon suhog spaljivanja (EN 14082:2003)
Foodstuffs – Determination of trace elements – Determination of lead, cadmium, zinc, copper, iron and chromium by atomic absorption spectrometry (AAS) after dry ashing (EN 14082:2003)
- bez zamjene

HRN ENV 14194:2003 en
Namirnice – Određivanje saksitoksina i dc-saksitoksina u školjkama – Metoda tekućinske kromatografije visokog učinka (HPLC) uz post kolonsku derivatizaciju (ENV 14194:2002)
Foodstuffs – Determination of saxitoxin and dc-saxitoxin in mussels – HPLC method using post column derivatisation (ENV 14194:2002)
- bez zamjene

HRS CEN/TS 17061:2017 en
Hrana – Smjernice za kalibriranje i kvantitativno određivanje ostataka pesticida i organskih kontaminanata primjenom kromatografskih metoda (CEN/TS 17061:2017)
Foodstuffs – Guidelines for the calibration and quantitative determination of pesticide residues and organic contaminants using chromatographic methods (CEN/TS 17061:2017)
- zamijenjena s: HRS CEN/TS 17061:2020

HRS CEN/TS 17062:2017 en
Hrana biljnog podrijetla – Multirezidualna metoda za određivanje ostataka pesticida u uzorcima biljnog ulja metodom LC-MS/MS (CEN/TS 17062:2017)
Foods of plant origin – Multimethod for the determination of pesticide residues in vegetable oils by LC-MS/MS (CEN/TS 17062:2017)
- zamijenjena s: HRS CEN/TS 17062:2020

HZN/TO 573, Elektronički račun

HRN EN 16931-1:2017 hr,en-en
Elektronički račun – 1. dio: Semantički model podataka osnovnih elemenata elektroničkog računa (EN 16931-1:2017)
Electronic invoicing – Part 1: Semantic data model of the core elements of an electronic invoice (EN 16931-1:2017)
- zamijenjena s: HRN EN 16931-1:2020

HRS CEN/TS 16931-3-2:2017 en
Elektronički račun – Dio 3-2: Sintaksno povezivanje za normu ISO/IEC 19845 (UBL 2.1), račun i odobrenje (CEN/TS 16931-3-2:2017)
Electronic invoicing – Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note (CEN/TS 16931-3-2:2017)
- zamijenjena s: HRS CEN/TS 16931-3-2:2020

HRS CEN/TS 16931-3-2:2017/Ispr.1:2018 en
Elektronički račun – Dio 3-2: Sintaksno povezivanje za normu ISO/IEC 19845 (UBL 2.1), račun i odobrenje (CEN/TS 16931-3-2:2017/AC:2018)
Electronic invoicing – Part 3-2: Syntax binding for ISO/IEC 19845 (UBL 2.1) invoice and credit note (CEN/TS 16931-3-2:2017/AC:2018)
- zamijenjena s: HRS CEN/TS 16931-3-2:2020

HRS CEN/TS 16931-3-3:2017 en
Elektronički račun – Dio 3-3: Sintaksno povezivanje za normu UN/CEFACT XML Industry Invoice D16B (CEN/TS 16931-3-3:2017)
Electronic invoicing – Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B (CEN/TS 16931-3-3:2017)
- zamijenjena s: HRS CEN/TS 16931-3-3:2020

HRS CEN/TS 16931-3-4:2017 en
Elektronički račun – Dio 3-4: Sintaksno povezivanje za normu UN/EDIFACT INVOIC D16B (CEN/TS 16931-3-4:2017)
Electronic invoicing – Part 3-4: Syntax binding for UN/EDIFACT INVOIC D16B (CEN/TS 16931-3-4:2017)
- bez zamjene

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

HRS CEN/TS 15864:2016 en
Karakterizacija otpada – Ispitivanje ponašanja pri izluživanju za osnovnu karakterizaciju – Dinamička provjera monolitnog izluživanja sa stalnom obnovom procjedne vode u uvjetima relevantnim za specificirane scenarije (CEN/TS 15864:2015)
Characterization of waste – Leaching behaviour test for basic characterization – Dynamic monolithic leaching test with continuous leachant renewal under conditions relevant for specified scenario(s) (CEN/TS 15864:2015)
- bez zamjene

HZN/TO E13, Oprema za mjerenje električne energije te upravljanje tarifom i potrošnjom

HRN EN 62056-5-3:2016 en
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 5-3: Sloj primjene DLMS/COSEM-a (IEC 62056-5-3:2016; EN 62056-5-3:2016)
Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3:2016; EN 62056-5-3:2016)
- zamijenjena s: HRN EN 62056-5-3:2017

HRN EN 62056-6-1:2016 en
Razmjena podataka mjerenja električne energije – Oprema DLMS/COSEM (Device Language Message Specification / Companion Specification for Energy Metering) – Dio 6-1: Sustav prepoznavanja objekta (OBIS - Object Identification System) (IEC 62056-6-1:2015; EN 62056-6-1:2016)
Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: Object Identification System (OBIS) (IEC 62056-6-1:2015; EN 62056-6-1:2016)
- zamijenjena s: HRN EN 62056-6-1:2018

HZN/TO E23, Električni instalacijski pribor

- HRN EN 50066:2007 en
Minijaturni utični pribor za spajanje opreme u cestovnim vozilima koja se napaja iz električne mreže (EN 50066:1992)
Mini-couplers for the interconnection of electrical mains supplied equipment in road vehicles (EN 50066:1992)
- bez zamjene
- HRN EN 60320-1:2007 en
Aparatni utični pribor za kućanstvo i slične opće svrhe – 1. dio: Opći zahtjevi (IEC 60320-1:2001+am1:2007; EN 60320-1:2001+A1:2007)
Appliance couplers for household and similar general purposes – Part 1: General requirements (IEC 60320-1:2001+am1:2007; EN 60320-1:2001+A1:2007)
- zamijenjena s: HRN EN 60320-1:2015
- HRN EN 61008-1:2007 en
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (IEC 61008-1:1996+A1:2002, MOD; EN 61008-1:2004)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (IEC 61008-1:1996+A1:2002, MOD; EN 61008-1:2004)
- zamijenjena s: HRN EN 61008-1:2012
- HRN EN 61008-1:2007/A11:2007 en
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (EN 61008-1:2004/A11:2007)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (EN 61008-1:2004/A11:2007)
- zamijenjena s: HRN EN 61008-1:2012
- HRN EN 61008-1:2007/A12:2010 en
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (EN 61008-1:2004/A12:2009)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (EN 61008-1:2004/A12:2009)
- zamijenjena s: HRN EN 61008-1:2012
- HRN EN 61008-1:2007/A13:2012 en
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (EN 61008-1:2004/A13:2012)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (EN 61008-1:2004/A13:2012)
- zamijenjena s: HRN EN 61008-1:2012
- HRN EN 61008-1:2007/A13:2012/Ispr.1:2014 en
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (EN 61008-1:2004/A13:2012/AC:2012)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (EN 61008-1:2004/A13:2012/AC:2012)
- zamijenjena s: HRN EN 61008-1:2012
- HRN EN 61008-1:2007/IS1:2012 en
Strujne zaštitne sklopke bez združene nadstrujne zaštite za kućanstvo i slične primjene (RCCB-i) – 1. dio: Opća pravila (EN 61008-1:2004/IS1:2007)
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) – Part 1: General rules (EN 61008-1:2004/IS1:2007)
- zamijenjena s: HRN EN 61008-1:2012
- HRN EN 61009-1:2007 en
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (IEC 61009-1:1996+Corr.:2003+am1:2002, MOD; EN 61009-1:2004+AC:2006)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (IEC 61009-1:1996+Corr.:2003+am1:2002, MOD; EN 61009-1:2004+AC:2006)
- zamijenjena s: HRN EN 61009-1:2012
- HRN EN 61009-1:2007/A11:2011 en
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A11:2008)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A11:2008)
- zamijenjena s: HRN EN 61009-1:2012
- HRN EN 61009-1:2007/A12:2010 en
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A12:2009)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A12:2009)
- zamijenjena s: HRN EN 61009-1:2012
- HRN EN 61009-1:2007/A13:2010 en
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A13:2009)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A13:2009)
- zamijenjena s: HRN EN 61009-1:2012
- HRN EN 61009-1:2007/A14:2012 en
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A14:2012)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A14:2012)
- zamijenjena s: HRN EN 61009-1:2012
- HRN EN 61009-1:2007/A14:2012/Ispr.1:2014 en
Strujne zaštitne sklopke sa združenom nadstrujnom zaštitom za kućanstvo i slične primjene (RCBO-i) – 1. dio: Opća pravila (EN 61009-1:2004/A14:2012/AC:2012)
Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) – Part 1: General rules (EN 61009-1:2004/A14:2012/AC:2012)
- zamijenjena s: HRN EN 61009-1:2012
- HRN EN 61534-21:2007 en
Energetski tračnički sustavi – 21. dio: Posebni zahtjevi za energetske tračničke sustave namijenjene ugradbi na zid i strop (IEC 61534-21:2006; EN 61534-21:2006)
Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting (IEC 61534-21:2006; EN 61534-21:2006)
- zamijenjena s: HRN EN 61534-21:2014
- HRN EN 61534-22:2010 en
Energetski tračnički sustavi – 22. dio: Posebni zahtjevi za energetske tračničke sustave namijenjene ugradnji na pod ili ispod poda (IEC 61534-22:2009; EN 61534-22:2009)
Powertrack systems – Part 22: Particular requirements for powertrack systems intended for on floor or under floor installation (IEC 61534-22:2009; EN 61534-22:2009)
- zamijenjena s: HRN EN 61534-22:2014
- HRN EN 61914:2010 en
Kabelske objumice za električne instalacije (IEC 61914:2009; EN 61914:2009)
Cable cleats for electrical installations (IEC 61914:2009; EN 61914:2009)
- zamijenjena s: HRN EN 61914:2016
- HRN EN 61914:2010/Ispr.1:2014 en
Kabelske objumice za električne instalacije (EN 61914:2009/AC:2009)
Cable cleats for electrical installations (EN 61914:2009/AC:2009)
- zamijenjena s: HRN EN 61914:2016
- HRN EN 62196-1:2012 en
Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 1. dio: Opći zahtjevi (IEC 62196-1:2011; EN 62196-1:2012)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements (IEC 62196-1:2011; EN 62196-1:2012)
- zamijenjena s: HRN EN 62196-1:2015

HRN EN 62196-1:2012/A11:2013 en
Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 1. dio: Opći zahtjevi (EN 62196-1:2012/A11:2013)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements (EN 62196-1:2012/A11:2013)
- zamijenjena s: HRN EN 62196-1:2015

HRN EN 62196-1:2012/A12:2014 en
Utikači, utičnice, spojevi i spojnice na vozilima – Kontaktno punjenje električnih vozila – 1. dio: Opći zahtjevi (EN 62196-1:2012/A12:2014)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements (EN 62196-1:2012/A12:2014)
- zamijenjena s: HRN EN 62196-1:2015

HRN EN 62196-2:2012 en
Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 2. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost za pribor sa šiljcima i kontaktnim cjevčicama za izmjeničnu struju (IEC 62196-2:2011; EN 62196-2:2012)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories (IEC 62196-2:2011; EN 62196-2:2012)
- zamijenjena s: HRN EN 62196-2:2017

HRN EN 62196-2:2012/A11:2013 en
Utikači, utičnice, spojevi i spojnice na vozilima – Vodljivo punjenje električnih vozila – 2. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost za pribor sa šiljcima i kontaktnim cjevčicama za izmjeničnu struju (EN 62196-2:2012/A11:2013)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories (EN 62196-2:2012/A11:2013)
- zamijenjena s: HRN EN 62196-2:2017

HRN EN 62196-2:2012/A12:2014 en
Utikači, utičnice, spojevi i spojnice na vozilima – Kontaktno punjenje električnih vozila – 2. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost za pribor sa šiljcima i kontaktnim cjevčicama za izmjeničnu struju (EN 62196-2:2012/A12:2014)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories (EN 62196-2:2012/A12:2014)
- zamijenjena s: HRN EN 62196-2:2017

HRN EN 62196-2:2012/A12:2014/Ispr.1:2014 en
Utikači, utičnice, spojevi i spojnice na vozilima – Kontaktno punjenje električnih vozila – 2. dio: Zahtjevi za usklađenost dimenzija i zamjenjivost za pribor sa šiljcima i kontaktnim cjevčicama za izmjeničnu struju (EN 62196-2:2012/A12:2014/AC:2014)
Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories (EN 62196-2:2012/A12:2014/AC:2014)
- zamijenjena s: HRN EN 62196-2:2017

HRN EN 62275:2010 en
Sustavi za vođenje kabela – Kabelske vezice za električne instalacije (IEC 62275:2006, MOD; EN 62275:2009)
Cable management systems – Cable ties for electrical installations (IEC 62275:2006, MOD; EN 62275:2009)
- zamijenjena s: HRN EN 62275:2015

HRN EN 62423:2010 en
Strujne zaštitne sklopke tip B sa i bez združene nadstrujne zaštite za kućanstvo i slične uporabe (Tip B RCCB-i i tip B RCBO-i) (IEC 62423:2007, MOD; EN 62423:2009)
Type B residual current operated circuit-breakers with and without integral overcurrent protection for household and similar uses (Type B RCCB's and Type B RCBO's) (IEC 62423:2007, MOD; EN 62423:2009)
- zamijenjena s: HRN EN 62423:2012

HZN/TO E44, Elektrotehnička sigurnost strojeva

HRN CLC/R044-001:2002 en
Sigurnost strojeva – Upute i preporuke za izbjegavanje opasnosti od statičkog elektriciteta (CLC/R044-001:1999)
Safety of machinery – Guidance and recommendations for the avoidance of hazards due to static electricity (CLC/R044-001:1999)
- bez zamjene

HRS CLC/TS 61496-2:2008 en
Sigurnost strojeva – Elektroosjetljiva zaštitna oprema – 2. dio: Posebni zahtjevi za opremu koja upotrebljava aktivne optoelektroničke zaštitne naprave (IEC 61496-2:2006; CLC/TS 61496-2:2006)
Safety of machinery – Electro-sensitive protective equipment – Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs) (IEC 61496-2:2006; CLC/TS 61496-2:2006)
- zamijenjena s: HRN EN 61496-2:2014

HZN/TO E45, Nuklearna instrumentacija

HRN EN 60846:2007 en
Instrumentacija u zaštiti od zračenja – Mjerila (brzine) doznog ekvivalenta u okolini i/ili u ovisnosti o smjeru zračenja i/ili monitori za beta-zračenje, rendgensko-zračenje i gama-zračenje (IEC 60846:2002, preinačeno; EN 60846:2004)
Radiation protection instrumentation – Ambient and/or directional dose equivalent (rate) meters and/or monitors for beta, X and gamma radiation (IEC 60846:2002, modified; EN 60846:2004)
- zamijenjena s: HRN EN 60846-1:2014

HRN EN 60965:2013 en
Nuklearne elektrane – Upravljačke sobe – Dodatne kontrolne točke za zaustavljanje reaktora bez pristupa u glavnu upravljačku sobu (IEC 60965:2009; EN 60965:2011)
Nuclear power plants – Control rooms – Supplementary control points for reactor shutdown without access to the main control room (IEC 60965:2009; EN 60965:2011)
- zamijenjena s: HRN EN 60965:2016

HRN EN 62387-1:2013 en
Instrumentacija u zaštiti od zračenja – Pasivni integrirajući dozimetrijski sustavi za nadziranje okoliša i osoba – 1. dio: Opće karakteristike i izvedbeni zahtjevi (IEC 62387-1:2007, MOD; EN 62387-1:2012)
Radiation protection instrumentation – Passive integrating dosimetry systems for environmental and personal monitoring – Part 1: General characteristics and performance requirements (IEC 62387-1:2007, MOD; EN 62387-1:2012)
- zamijenjena s: HRN EN 62387:2016

HZN/TO E55, Žice za namote

HRN EN 60317-56:2013 en
Specifikacije pojedinih vrsta žica za namote – 56. dio: Lemljiva potpuno izolirana (FIW) poliuretanska lakirana okrugla bakrena žica bez defekta s nazivnim promjerom vodiča 0,040 mm do 1,600 mm, razreda 180 (IEC 60317-56:2012; EN 60317-56:2012)
Specifications for particular types of winding wires – Part 56: Solderable fully insulated (FIW) zero-defect polyurethane enamelled round copper wire with nominal conductor diameter of 0,040 mm to 1,600 mm, class 180 (IEC 60317-56:2012; EN 60317-56:2012)
- zamijenjena s: HRN EN 60317-56:2017

HZN/TO E62, Električna oprema u medicinskoj praksi

HRN EN 61223-2-6:2008 en
Vrednovanje i rutinska ispitivanja u odjelima za dobivanje medicinskih slika – Dio 2-6: Ispitivanja ponovljivosti – Kakvoća slika rendgenskih uređaja za kompjuteriziranu tomografiju (IEC 61223-2-6:2006; EN 61223-2-6:2007)
Evaluation and routine testing in medical imaging departments – Part 2-6: Constancy tests – Imaging performance of computed tomography X-ray equipment (IEC 61223-2-6:2006; EN 61223-2-6:2007)
- zamijenjena s: HRN EN IEC 61223-3-5:2019

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

HRN EN 61326-3-1:2008 en
Električna oprema za mjerenje, vođenje i laboratorijsku uporabu – Zahtjevi za elektromagnetsku kompatibilnost (EMC) – Dio 3-1: Zahtjevi za imunost sigurnosnih sustava i opremu namijenjenu za određivanje sigurnosnih funkcija (funkcionalna sigurnost) – Opće industrijske primjene (IEC 61326-3-1:2008; EN 61326-3-1:2008)
Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) – General industrial applications (IEC 61326-3-1:2008; EN 61326-3-1:2008)
- zamijenjena s: HRN EN 61326-3-1:2017

HRN EN 61511-1:2008 en
Funkcionalna sigurnost – Sigurnosni instrumentacijski sustavi za sektor procesne industrije – 1. dio: Okvir, definicije, sustav, zahtjevi za hardver i softver (IEC 61511-1:2003+Corr.1:2004; EN 61511-1:2004)
Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and software requirements (IEC 61511-1:2003+Corr.1:2004; EN 61511-1:2004)
- zamijenjena s: HRN EN 61511-1:2017

HRN EN 61511-2:2008 en
Funkcionalna sigurnost – Sigurnosni instrumentacijski sustavi za sektor procesne industrije – 2. dio: Smjernice za primjenu IEC 61511-1 (IEC 61511-2:2003; EN 61511-2:2004)
Functional safety – Safety instrumented systems for the process industry sector – Part 2: Guidelines for the application of IEC 61511-1 (IEC 61511-2:2003; EN 61511-2:2004)
- zamijenjena s: HRN EN 61511-2:2017

HRN EN 61511-3:2008 en
Funkcionalna sigurnost – Sigurnosni instrumentacijski sustavi za sektor procesne industrije – 3. dio: Uputa za određivanje potrebnih razina nepovredivosti sigurnosti (IEC 61511-3:2003+Corr.1:2004; EN 61511-3:2004)
Functional safety – Safety instrumented systems for the process industry sector – Part 3: Guidance for the determination of the required safety integrity levels (IEC 61511-3:2003+Corr.1:2004; EN 61511-3:2004)
- zamijenjena s: HRN EN 61511-3:2017

HRN EN 61987-11:2014 en
Mjerenje i vođenje industrijskih procesa – Strukture podataka i elemenata u katalogima procesne opreme – 11. dio: Popisi svojstava (LOPs) mjerne opreme za elektroničku izmjenu podataka – Opće strukture (IEC 61987-11:2012; EN 61987-11:2012)
Industrial-process measurement and control – Data structures and elements in process equipment catalogues – Part 11: Lists of properties (LOP) of measuring equipment for electronic data exchange – Generic structures (IEC 61987-11:2012; EN 61987-11:2012)
- zamijenjena s: HRN EN 61987-11:2017

HRN EN 62264-3:2008 en
Integracija sustava za vođenje poduzeća – 3. dio: Modeli aktivnosti za upravljanje proizvodnim postupcima (IEC 62264-3:2007; EN 62264-3:2007)
Enterprise-control system integration – Part 3: Activity models of manufacturing operations management (IEC 62264-3:2007; EN 62264-3:2007)
- zamijenjena s: HRN EN 62264-3:2017

HRN EN 62453-1:2010 en
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 1. dio: Pregled i upute (IEC 62453-2:2009; EN 62453-1:2009)
Field device tool (FDT) interface specification – Part 1: Overview and guidance (IEC 62453-2:2009; EN 62453-1:2009)
- zamijenjena s: HRN EN 62453-1:2017

HRN EN 62453-2:2010 en
Specifikacija sučelja alata za uređaje u postrojenju (FDT) – 2. dio: Koncepte i detaljan opis (IEC 62453-2:2009; EN 62453-2:2009)
Field device tool (FDT) interface specification – Part 2: Concepts and detailed description (IEC 62453-2:2009; EN 62453-2:2009)
- zamijenjena s: HRN EN 62453-2:2017

HRN EN 62657-2:2015 en
Industrijske komunikacijske mreže – Bežična komunikacijska mreža – 2. dio: Upravljanje koegzistencijom (IEC 62657-2:2013, MOD; EN 62657-2:2015)
Industrial communication networks – Wireless communication networks – Part 2: Coexistence management (IEC 62657-2:2013, MOD; EN 62657-2:2015)
- zamijenjena s: HRN EN 62657-2:2017

HZN/TO E79, Alarmni sustavi

HRN EN 50131-2-2:2008 en
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-2: Protuprovalni detektori – Pasivni infracrveni detektori (EN 50131-2-2:2008)
Alarm systems – Intrusion and hold-up systems – Part 2-2: Intrusion detectors – Passive infrared detectors (EN 50131-2-2:2008)
- zamijenjena s: HRN EN 50131-2-2:2018

HRN EN 50131-2-2:2008/IS1:2014 en
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – Dio 2-2: Protuprovalni detektori – Pasivni infracrveni detektori (EN 50131-2-2:2008/IS1:2014)
Alarm systems – Intrusion and hold-up systems – Part 2-2: Intrusion detectors – Passive infrared detectors (EN 50131-2-2:2008/IS1:2014)
- zamijenjena s: HRN EN 50131-2-2:2018

HRN EN 50131-5-3:2007 en
Alarmni sustavi – Protuprovalni sustavi – Dio 5-3: Zahtjevi za povezivanje opreme korištenjem radiofrekvencijske tehnike (EN 50131-5-3:2005)
Alarm systems – Intrusion systems – Part 5-3: Requirements for interconnections equipment using radio frequency techniques (EN 50131-5-3:2005)
- zamijenjena s: HRN EN 50131-5-3:2017

HRN EN 50131-5-3:2007/A1:2010 en
Alarmni sustavi – Protuprovalni sustavi – Dio 5-3: Zahtjevi za opremu za međusobno spajanje primjenom radiofrekvencijske tehnike (EN 50131-5-3:2005/A1:2008)
Alarm systems – Intrusion systems – Part 5-3: Requirements for interconnections equipment using radio frequency techniques (EN 50131-5-3:2005/A1:2008)
- zamijenjena s: HRN EN 50131-5-3:2017

HRN EN 50131-6:2008 en
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 6. dio: Izvori napajanja (EN 50131-6:2008)
Alarm systems – Intrusion and hold-up systems – Part 6: Power supplies (EN 50131-6:2008)
- zamijenjena s: HRN EN 50131-6:2017

HRN EN 50131-6:2008/A1:2014 en
Alarmni sustavi – Protuprovalni i protuprepadni sustavi – 6. dio: Izvori napajanja (EN 50131-6:2008/A1:2014)
Alarm systems – Intrusion and hold-up systems – Part 6: Power supplies (EN 50131-6:2008/A1:2014)
- zamijenjena s: HRN EN 50131-6:2017

HRN EN 50134-2:2000 en
Alarmni sustavi – Socijalni alarmni sustavi – 2. dio: Naprave za okidanje (EN 50134-2:1999)
Alarm systems – Social alarm systems – Part 2: Trigger devices (EN 50134-2:1999)
- zamijenjena s: HRN EN 50134-2:2017

HRN CLC/TS 50134-7:2004 en
Alarmni sustavi – Socijalni alarmni sustavi – 7. dio: Smjernice za primjenu (CLC/TS 50134-7:2003)
Alarm systems – Social alarm systems – Part 7: Application guidelines (CLC/TS 50134-7:2003)
- zamijenjena s: HRN EN 50134-7:2017

HZN/TO E80, Pomorska navigacijska i radiokomunikacijska oprema i sustavi

HRN EN 62287-1:2011 en
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Brodska oprema razreda B sustava automatske identifikacije (AIS) – 1. dio: Tehnike višestrukog pristupa s vremenskom podjelom detekcije nosioca (CSTDMA) (IEC 62287-1:2010; EN 62287-1:2011)
Maritime navigation and radiocommunication equipment and systems – Class B shipborne equipment of the automatic identification system (AIS) – Part 1: Carrier-sense time division multiple access (CSTDMA) techniques (IEC 62287-1:2010; EN 62287-1:2011)
- zamijenjena s: HRN EN 62287-1:2017

HRN EN 62287-1:2011/A1:2014 en
Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Brodska oprema razreda B sustava automatske identifikacije (AIS) – 1. dio: Tehnike višestrukog pristupa s vremenskom podjelom detekcije nosioca (CSTDMA) (IEC 62287-1:2010/am1:2013; EN 62287-1:2011/A1:2014)
Maritime navigation and radiocommunication equipment and systems – Class B shipborne equipment of the automatic identification system (AIS) – Part 1: Carrier-sense time division multiple access (CSTDMA) techniques (IEC 62287-1:2010/am1:2013; EN 62287-1:2011/A1:2014)
- zamijenjena s: HRN EN 62287-1:2017

HRN EN 62287-2:2013 en

Pomorska navigacijska i radiokomunikacijska oprema i sustavi – Brodska oprema razreda B sustava automatske identifikacije (AIS) – 2. dio: Tehnike samoorganizirajućeg višestrukog pristupa s vremenskom podjelom (SOTDMA) (IEC 62287-2:2013; EN 62287-2:2013)

Maritime navigation and radiocommunication equipment and systems – Class B shipborne equipment of the automatic identification system (AIS) – Part 2: Self-organising time division multiple access (SOTDMA) techniques (IEC 62287-2:2013; EN 62287-2:2013)

- zamijenjena s: HRN EN 62287-2:2017

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

HRN EN 60051-1:2008 en

Pokazni analogni električni mjerni instrumenti s izravnim djelovanjem i njihov pribor – 1. dio: Definicije i opći zahtjevi zajednički svim dijelovima (IEC 60051-1:1997; EN 60051-1:1998) Direct acting indicating analogue electrical measuring instruments and their accessories – Part 1: Definitions and general requirements common to all parts (IEC 60051-1:1997; EN 60051-1:1998)

- zamijenjena s: HRN EN 60051-1:2017

HZN/TO E100, Audio, video i multimedijски sustavi te njihova oprema

HRN HD 369.10 S4:2008 en

Audiovisual, video and television equipment and systems – Part 10: Audio cassette systems (IEC 60574-10:1983+am1:1988+am2:1989; HD 369.10 S4:1991)

- bez zamjene

HRN EN 60728-11:2011 en

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – 11. dio: Sigurnost (IEC 60728-11:2010; EN 60728-11:2010)

Cable networks for television signals, sound signals and interactive services – Part 11: Safety (IEC 60728-11:2010; EN 60728-11:2010)

- zamijenjena s: HRN EN 60728-11:2017

HRN EN 60728-13-1:2014 en

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 13-1: Povećanje širine pojasa za signal radiodifuzije preko (kod) FTTH (fibre to the home) sustava (IEC 60728-13-1:2012; EN 60728-13-1:2012) Cable networks for television signals, sound signals and interactive services – Part 13-1: Bandwidth expansion for broadcast signal over FTTH system (IEC 60728-13-1:2012; EN 60728-13-1:2012)

- zamijenjena s: HRN EN 60728-13-1:2017

HRN EN 60728-13-1:2014/Ispr.1:2014 en

Kabelske mreže za televizijske signale, zvučne signale i usluge uzajamnog djelovanja – Dio 13-1: Povećanje širine pojasa za signal radiodifuzije preko (kod) FTTH (fibre to the home) sustava (EN 60728-13-1:2012/AC:2013)

Cable networks for television signals; sound signals and interactive services – Part 13-1: Bandwidth expansion for broadcast signal over FTTH system (EN 60728-13-1:2012/AC:2013)

- zamijenjena s: HRN EN 60728-13-1:2017

HZN/TO E106, Elektromagnetska polja u ljudskome okolišu

HRN EN 50360:2002 en

Norma za proizvode za pokazivanje sukladnosti pokretnih telefona s temeljnim ograničenjima koja se odnose na izloženost ljudi elektromagnetskim poljima (300 MHz - 3 GHz) (EN 50360:2001)

Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz) (EN 50360:2001)

- zamijenjena s: HRN EN 50360:2017

HRN EN 50360:2002/A1:2013 en

Norma proizvoda za pokazivanje sukladnosti pokretnih telefona s temeljnim ograničenjima koja se odnose na izloženost ljudi elektromagnetskim poljima (300 MHz - 3 GHz) (EN 50360:2001/A1:2012)

Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz) (EN 50360:2001/A1:2012)

- zamijenjena s: HRN EN 50360:2017

HRN EN 50360:2002/Ispr.1:2012 en

Norma za proizvode za pokazivanje sukladnosti pokretnih telefona s temeljnim ograničenjima koja se odnose na izloženost ljudi elektromagnetskim poljima (300 MHz - 3 GHz) (EN 50360:2001/AC:2006)

Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz - 3 GHz) (EN 50360:2001/AC:2006)

- zamijenjena s: HRN EN 50360:2017

HRN EN 50384:2005 en

Norma za proizvode za pokazivanje sukladnosti radijskih baznih postaja i nepokretnih krajnjih postaja u bežičnim telekomunikacijskim sustavima, s temeljnim ograničenjima ili referencijskim razinama koje se odnose na izloženost ljudi radiofrekvencijskim elektromagnetskim poljima (110 MHz - 40 GHz) – Profesionalna izloženost (EN 50384:2002)

Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) – Occupational (EN 50384:2002)

- zamijenjena s: HRN EN 50385:2017

HRN EN 50385:2007 en

Norma za proizvode za pokazivanje sukladnosti radijskih baznih stanica i nepokretnih krajnjih stanica u bežičnim telekomunikacijskim sustavima s temeljnim ograničenjima ili referencijskim razinama koje se odnose na izloženost ljudi radiofrekvencijskim elektromagnetskim poljima – Pučanstvo (EN 50385:2002)

Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110 MHz - 40 GHz) – General public (EN 50385:2002)

- zamijenjena s: HRN EN 50385:2017

HRN EN 50401:2007 en

Norma za proizvode za pokazivanje sukladnosti nepokretne opreme za radijsko odašiljanje (110 MHz - 40 GHz) namijenjene za uporabu u bežičnim telekomunikacijskim mrežama, s temeljnim ograničenjima ili referencijskim razinama koje se odnose na izloženost pučanstva radiofrekvencijskim elektromagnetskim poljima, kada je puštena u rad (EN 50401:2006)

Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service (EN 50401:2006)

- zamijenjena s: HRN EN 50401:2017

HRN EN 50401:2007/A1:2012 en

Norma za proizvode za pokazivanje sukladnosti nepokretne opreme za radijsko odašiljanje (110 MHz - 40 GHz) namijenjene za uporabu u bežičnim telekomunikacijskim mrežama, s temeljnim ograničenjima ili referencijskim razinama koje se odnose na izloženost pučanstva radiofrekvencijskim elektromagnetskim poljima, kada je puštena u rad (EN 50401:2006/A1:2011)

Product standard to demonstrate the compliance of fixed equipment for radio transmission (110 MHz - 40 GHz) intended for use in wireless telecommunication networks with the basic restrictions or the reference levels related to general public exposure to radio frequency electromagnetic fields, when put into service (EN 50401:2006/A1:2011)

- zamijenjena s: HRN EN 50401:2017

HRI CLC/TR 50442:2016 en

Smjernice za odbore proizvoda u vezi pripreme norma koje se odnose na izlaganje ljudi elektromagnetskim poljima (CLC/TR 50442:2005)

Guidelines for product committees on the preparation of standards related to human exposure from electromagnetic fields (CLC/TR 50442:2005)

- zamijenjena s: HRI CLC/TR 50442:2020

HRN EN 50566:2013 en
Norma proizvoda za potvrđivanje sukladnosti radio frekvencijskih polja ručnih uređaja za bežičnu komunikaciju i uređaja za bežičnu komunikaciju postavljenih uz tijelo, koje koristi opća populacija (30 MHz - 6 GHz) (EN 50566:2013)
Product standard to demonstrate compliance of radio frequency fields from handheld and body-mounted wireless communication devices used by the general public (30 MHz - 6 GHz) (EN 50566:2013)
- zamijenjena s: HRN EN 50566:2017

HZN/TO E108, Sigurnost elektroničke opreme u području audio, video, informacijske i komunikacijske tehnologije

HRN EN 60950-22:2007 en
Oprema informacijske tehnologije – Sigurnost – 22. dio: Oprema postavljena vani (IEC 60950-22:2005, MOD; EN 60950-22:2006)
Information technology equipment – Safety – Part 22: Equipment installed outdoors (IEC 60950-22:2005, MOD; EN 60950-22:2006)
- zamijenjena s: HRN EN 60950-22:2017

HRN EN 60950-22:2007/A11:2008 en
Oprema informacijske tehnologije – Sigurnost – 22. dio: Oprema postavljena vani (EN 60950-22:2006/A11:2008)
Information technology equipment – Safety – Part 22: Equipment installed outdoors (EN 60950-22:2006/A11:2008)
- zamijenjena s: HRN EN 60950-22:2017

HRN EN 60950-22:2007/A11:2008/Ispr.1:2009 en
Oprema informacijske tehnologije – Sigurnost – 22. dio: Oprema postavljena vani (EN 60950-22:2006/A11:2008/AC:2009)
Information technology equipment – Safety – Part 22: Equipment installed outdoors (EN 60950-22:2006/A11:2008/AC:2009)
- zamijenjena s: HRN EN 60950-22:2017

HRN EN 60950-22:2007/Ispr.1:2008 en
Oprema informacijske tehnologije – Sigurnost – 22. dio: Oprema postavljena vani (EN 60950-22:2006/AC:2008)
Information technology equipment – Safety – Part 22: Equipment installed outdoors (EN 60950-22:2006/AC:2008)
- zamijenjena s: HRN EN 60950-22:2017

HZN/TO E500, Elektromagnetska kompatibilnost u elektrotehnici i telekomunikacijama

HRN EN 55016-2-3:2011 en
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 2-3: Metode mjerenja smetnja i otpornosti – Mjerenje zračenih smetnji (CISPR 16-2-3:2010+am1:2010; EN 55016-2-3:2010+A1:2010)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (CISPR 16-2-3:2010+am1:2010; EN 55016-2-3:2010+A1:2010)
- zamijenjena s: HRN EN 55016-2-3:2017

HRN EN 55016-2-3:2011/A2:2014 en
Specifikacija uređaja i metoda za mjerenja radiosmetnja i otpornosti – Dio 2-3: Metode mjerenja smetnja i otpornosti – Mjerenje zračenih smetnji (CISPR 16-2-3:2010/am2:2014; EN 55016-2-3:2010/A2:2014)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (CISPR 16-2-3:2010/am2:2014; EN 55016-2-3:2010/A2:2014)
- zamijenjena s: HRN EN 55016-2-3:2017

HRN EN 55016-2-3:2011/Ispr.1:2013 en
Specifikacija uređaja i metoda za mjerenje radiosmetnja i otpornosti – Dio 2-3: Metode za mjerenje radiosmetnja i otpornosti – Mjerenja zračenih smetnja (EN 55016-2-3:2010/AC:2013)
Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-3: Methods of measurement of disturbances and immunity – Radiated disturbance measurements (EN 55016-2-3:2010/AC:2013)
- zamijenjena s: HRN EN 55016-2-3:2017

HRN EN 55025:2009 en
Vozila, plovila i motori s unutarnjim izgaranjem – Značajke radio smetnja – Granične razine i metode mjerenja za zaštitu ugrađenih prijemnika (CISPR 25:2008; EN 55025:2008)
Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers (CISPR 25:2008; EN 55025:2008)
- zamijenjena s: HRN EN 55025:2017

HRN EN 55035:2017/Ispr.1:2019 en
Elektromagnetska kompatibilnost multimedijских uređaja – Zahtjevi za otpornost (EN 55035:2017/AC:2019)
Electromagnetic compatibility of multimedia equipment – Immunity requirements (EN 55035:2017/AC:2019)
- bez zamjene

HRN EN 61000-4-10/A1:2001 en
Elektromagnetska kompatibilnost (EMC) – Dio 4-10: Ispitna i mjerna tehnika – Ispitivanje otpornosti na magnetsko polje s prigušenim titranjem – Osnovna EMC norma (IEC 1000-4-10:1993/A1:2000; EN 61000-4-10:1993/A1:2001)
Electromagnetic compatibility (EMC) – Part 4-10: Testing and measurement techniques – Damped oscillatory magnetic field immunity test – Basic EMC Publication (IEC 1000-4-10:1993/A1:2000; EN 61000-4-10:1993/A1:2001)
- zamijenjena s: HRN EN 61000-4-10:2017

HRN EN 61000-4-10:1997 en
Elektromagnetska kompatibilnost – 4. dio: Ispitna i mjerna tehnika – 10. odjeljak: Ispitivanje otpornosti na magnetsko polje s prigušenim titranjem – Osnovna norma za elektromagnetsku kompatibilnost (IEC 61000-4-10:1993; EN 61000-4-10:1993)
EMC – Part 4: Testing and measurement techniques – Section 10: Damped oscillatory magnetic field immunity test – Basic EMC Publication (IEC 61000-4-10:1993; EN 61000-4-10:1993)
- zamijenjena s: HRN EN 61000-4-10:2017

HRN EN 61000-4-12:2008 en
Elektromagnetska kompatibilnost (EMC) – Dio 4-12: Ispitne i mjerne tehnike – Ispitivanje otpornosti na prstenaste valove napona (IEC 61000-4-12:2006; EN 61000-4-12:2006)
Electromagnetic compatibility (EMC) – Part 4-12: Testing and measurement techniques – Ring wave immunity test (IEC 61000-4-12:2006; EN 61000-4-12:2006)
- zamijenjena s: HRN EN 61000-4-12:2017

HZN/TO E501, Elektroakustika i ultrazvuk

HRN EN 60118-13:2012 en
Elektroakustika – Slušna pomagala – 13. dio: Elektromagnetska kompatibilnost (EMC) (IEC 60118-13:2011; EN 60118-13:2011)
Electroacoustics – Hearing aids – Part 13: Electromagnetic compatibility (EMC) (IEC 60118-13:2011; EN 60118-13:2011)
- zamijenjena s: HRN EN IEC 60118-13:2020

HZN/TO E502, Elektrotehnički aspekti telekomunikacijske opreme

HRI CLC/TR 50173-99-2:2010 en
Informacijska tehnologija – Implementacija (izvedba) BCT (Broadcast and Communication Technologies) aplikacija uporabom kabliranja u skladu s EN 50173-4 (CLC/TR 50173-99-2:2010)
Information technology – Implementation of BCT applications using cabling in accordance with EN 50173-4 (CLC/TR 50173-99-2:2010)
- zamijenjena s: HRI CLC/TR 50173-99-2:2020

HRI CLC/TR 50600-99-1:2018 en
Informacijska tehnologija – Sredstva i infrastrukture podatkovnih centara – Dio 99-1: Preporučene prakse upravljanja energijom (CLC/TR 50600-99-1:2018)
Information technology – Data centre facilities and infrastructures – Part 99-1: Recommended practices for energy management (CLC/TR 50600-99-1:2018)
- zamijenjena s: HRI CLC/TR 50600-99-1:2019

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

HRN EN 1081:2019 en
Elastične, laminatne i modularne višeslojne podne obloge – Određivanje električne otpornosti (EN 1081:2018)
Resilient, laminate and modular multilayer floor coverings – Determination of the electrical resistance (EN 1081:2018)
- zamijenjena s: HRN EN 1081:2020

HZN/TU B1, Graditeljstvo 1

HRN EN 13200-6:2013 en
Gledališta – 6. dio: Rasklopive (privremene) tribine
(EN 13200-6:2012)
Spectator facilities – Part 6: Demountable (temporary) stands
(EN 13200-6:2012)
- zamijenjena s: HRN EN 13200-6:2020

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

HRN EN ISO 660:2010 en
Životinjske i biljne masti i ulja – Određivanje kiselinskog
broja i kiselosti (ISO 660:2009; EN ISO 660:2009)
Animal and vegetable fats and oils – Determination of acid
value and acidity (ISO 660:2009; EN ISO 660:2009)
- zamijenjena s: HRN EN ISO 660:2020

HRN EN ISO 2409:2013 en
Boje i lakovi – Ispitivanje zarezivanjem mrežice
(ISO 2409:2013; EN ISO 2409:2013)
Paints and varnishes – Cross-cut test (ISO 2409:2013;
EN ISO 2409:2013)
- zamijenjena s: HRN EN ISO 2409:2020

HRN EN ISO 2810:2005 en
Boje i lakovi – Prirodno starenje prekrivnih materijala
– Izlaganje i ocjena (ISO 2810:2004; EN ISO 2810:2004)
Paints and varnishes – Natural weathering of coatings
– Exposure and assessment (ISO 2810:2004; EN ISO 2810:2004)
- zamijenjena s: HRN EN ISO 2810:2020

HRN EN 12472:2011 en
Metoda za simulaciju trošenja i korozije radi određivanja izlučivanja
nikla iz prevučeni predmeta (EN 12472:2005+A1:2009)
Method for the simulation of wear and corrosion for
the detection of nickel release from coated items
(EN 12472:2005+A1:2009)
- zamijenjena s: HRN EN 12472:2020

HRN CR 14376:2003 en
Adhezivi za papir, karton, ambalažu i odložive sanitarne
proizvode – Opis i procjena procesa očvršćivanja
(CR 14376:2002)
Adhesives for paper and board, packaging and disposable
sanitary products – Description and assessment of the setting
process (CR 14376:2002)
- bez zamjene

HRN EN ISO 15528:2014 en
Boje, lakovi i sirovine za boje i lakove – Uzorkovanje
(ISO 15528:2013; EN ISO 15528:2013)
Paints, varnishes and raw materials for paints and varnishes
– Sampling (ISO 15528:2013; EN ISO 15528:2013)
- zamijenjena s: HRN EN ISO 15528:2020

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

HRN EN 1060-3:2010 en
Neinvazivni sfigmomanometri – 3. dio: Dodatni zahtjevi
za elektromehaničke sustave za mjerenje krvnog tlaka
(EN 1060-3:1997+A2:2009)
Non-invasive sphygmomanometers – Part 3: Supplementary
requirements for electro-mechanical blood pressure
measuring systems (EN 1060-3:1997+A2:2009)
- bez zamjene

HRN EN ISO 3630-5:2011 en
Stomatologija – Endodontski instrumenti – 5. dio: Instrumenti
za oblikovanje i čišćenje (ISO 3630-5:2011; EN ISO 3630-5:2011)
Dentistry – Endodontic instruments – Part 5: Shaping and
cleaning instruments (ISO 3630-5:2011; EN ISO 3630-5:2011)
- zamijenjena s: HRN EN ISO 3630-5:2020

HRN EN ISO 6875:2011 en
Stomatologija – Stomatološki stolac za pacijenta (ISO 6875:2011;
EN ISO 6875:2011)
Dentistry – Patient chair (ISO 6875:2011; EN ISO 6875:2011)
- zamijenjena s: HRN EN ISO 7494-1:2018

HRN EN ISO 10271:2011 en
Stomatologija – Metode ispitivanja korozije za metalne
materijale (ISO 10271:2011; EN ISO 10271:2011)
Dentistry – Corrosion test methods for metallic materials
(ISO 10271:2011; EN ISO 10271:2011)
- zamijenjena s: HRN EN ISO 10271:2020

HRN EN ISO 20127:2008 en
Stomatologija – Električne četkice za zube – Opći zahtjevi i
metode ispitivanja (ISO 20127:2005; EN ISO 20127:2005)
Dentistry – Powered toothbrushes – General requirements
and test methods (ISO 20127:2005; EN ISO 20127:2005)
- zamijenjena s: HRN EN ISO 20127:2020

HRN EN ISO 25539-2:2013 en
Kardiovaskularni implantati – Endovaskularna
sredstva – 2. dio: Vaskularni stentovi (ISO 25539-2:2012;
EN ISO 25539-2:2012)
Cardiovascular implants – Endovascular devices – Part 2:
Vascular stents (ISO 25539-2:2012; EN ISO 25539-2:2012)
- zamijenjena s: HRN EN ISO 25539-2:2020

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

HRN EN 2876:2019 en
Zrakoplovstvo – Ravne niske šesterokutne matice, normalni
otvor ključa, iz aluminijeve legure, anodizirane – Klasifikacija:
450 MPa (pri temperaturi okoline)/120 °C (EN 2876:2019)
Aerospace series – Nuts, hexagon, plain, reduced
height, normal across flats, in aluminium alloy, anodized
– Classification: 450 MPa (at ambient temperature)/120 °C
(EN 2876:2019)
- bez zamjene

HRN EN 3155-008:2008 en
Nizovi o zrakoplovstvu – Električni kontakti koji se
upotrebljavaju u elementima za povezivanje – 008. dio:
Kontakti, električni, muški, tip A, za krimpiranje, razreda S
– Norma za proizvod (EN 3155-008:2005)
Aerospace series – Electrical contacts used in elements of
connection – Part 008: Contacts, electrical, male, type A,
crimp, class S – Product standard (EN 3155-008:2005)
- zamijenjena s: HRN EN 3155-008:2020

HRN EN 3155-081:2015 en
Zrakoplovstvo – Električni kontakti koji se upotrebljavaju u
elementima za povezivanje – Dio 081: Kontakti veličine 22
za normu EN 2997, električni, ženski, tip A, za krimpiranje,
razreda T – Norma za proizvod (EN 3155-081:2014)
Aerospace series – Electrical contacts used in elements of
connection – Part 081: Contacts size 22 for EN 2997,
electrical, female, type A, crimp, class T – Product standard
(EN 3155-081:2014)
- zamijenjena s: HRN EN 3155-081:2020

HRN EN 3660-038:2013 en
Zrakoplovni niz – Oprema utičnice kabela za kružne i
kvadratične električne i optičke spojnice – 038. dio: Alat za
ručnu instalaciju, model Z, za instalaciju štita od nehrđajućega
čelika završnoga koluta EN 3660-033, za opremu utičnice
kabela – Norma za proizvod (EN 3660-038:2013)
Aerospace series – Cable outlet accessories for circular and
rectangular electrical and optical connectors – Part 038:
Manual installation tool, style Z, for installation of stainless
steel shield termination band EN 3660-033, to cable outlet
accessories – Product standard (EN 3660-038:2013)
- bez zamjene

HRN EN 4165-001:2015/Ispr.2:2016 en
Zrakoplovstvo – Spojnice, električne, pravokutne, modularne
– Stalna radna temperatura 175 °C – Dio 001: Tehnička
specifikacija (EN 4165-001:2015/AC:2016)
Aerospace series – Connectors, electrical, rectangular,
modular – Operating temperature 175 °C continuous – Part 001:
Technical specification (EN 4165-001:2015/AC:2016)
- bez zamjene

HRN EN 14777:2008 en
Svemirsko inženjerstvo – “Multipaction” oblikovanje i
ispitivanje (EN 14777:2004)
Space engineering – Multipaction design and test
(EN 14777:2004)
- zamijenjena s: HRN EN 16603-20-01:2020

HRN EN 16803-1:2016 en
Svemir – Pozicioniranje za cestovne Inteligentne transportne
sustave (ITS) korištenjem GNSS – 1. dio: Definicije i postupci
projekiranja sustava za utvrđivanje i ocjenjivanje svojstava
(EN 16803-1:2016)
Space – Use of GNSS-based positioning for road Intelligent
Transport Systems (ITS) – Part 1: Definitions and system
engineering procedures for the establishment and
assessment of performances (EN 16803-1:2016)
- zamijenjena s: HRN EN 16803-1:2020

HZN/TU U1, Opća elektrotehnika 1

- HRN EN 50574-1:2013 en
Zahtjevi s obzirom na prikupljanje, logistiku i postupanje za kućanske aparate na kraju životnog ciklusa koji sadrže hlapljive fluorougljike ili hlapljive ugljikovodike (EN 50574-1:2012)
Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons (EN 50574-1:2012)
- bez zamjene
- HRN EN 50574-1:2013/Ispr.1:2019 en
Zahtjevi s obzirom na prikupljanje, logistiku i postupanje za kućanske aparate na kraju životnog ciklusa koji sadrže hlapljive fluorougljike ili hlapljive ugljikovodike (EN 50574-1:2012/AC:2014)
Collection, logistics & treatment requirements for end-of-life household appliances containing volatile fluorocarbons or volatile hydrocarbons (EN 50574-1:2012/AC:2014)
- zamijenjena s: HRN EN 50625-2-3:2017
- HRN EN 60068-2-18:2008 en
Ispitivanje pri utjecaju okoliša – Dio 2-18: Ispitivanja – Ispitivanje R i naputak: Voda (IEC 60068-2-18:2000; EN 60068-2-18:2001)
Environmental testing – Part 2-18: Tests – Test R and guidance: Water (IEC 60068-2-18:2000; EN 60068-2-18:2001)
- zamijenjena s: HRN EN 60068-2-18:2017
- HRN EN 60068-4:2008 en
Ispitivanje utjecaja okoliša – 4. dio: Informacije za pisce specifikacija – Sažeci ispitivanja (IEC 60068-4:1987+am1:1992+am2:1994; EN 60068-4:1996)
Environmental testing – Part 4: Information for specification writers – Test summaries (IEC 60068-4:1987+am1:1992+am2:1994; EN 60068-4:1996)
- bez zamjene
- HRN EN 60404-8-6:2010 en
Magnetski materijali – Dio 8-6: Specifikacije za pojedinačne materijale – Mekani magnetski metalni materijali (IEC 60404-8-6:1999+am1:2007; EN 60404-8-6:2009)
Magnetic materials – Part 8-6: Specifications for individual materials – Soft magnetic metallic materials (IEC 60404-8-6:1999+am1:2007; EN 60404-8-6:2009)
- zamijenjena s: HRN EN 60404-8-6:2017
- HRN EN 60445:2011 en
Osnovna i sigurnosna načela za sučelje čovjek-stroj, označavanje i identifikacija – Identifikacija priključaka opreme, krajeva vodiča i vodiča (IEC 60445:2010; EN 60445:2010)
Basic and safety principles for man-machine interface, marking and identification – Identification of equipment terminals, conductor terminations and conductors (IEC 60445:2010; EN 60445:2010)
- zamijenjena s: HRN EN 60445:2018
- HRN EN 60664-3:2008 en
Koordinacija izolacije za opremu niskonaponskih sustava – 3. dio: Zaštita od zagađenja oblaganjem te stavljanjem u kućište ili kalup (IEC 60664-3:2003; EN 60664-3:2003)
Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution (IEC 60664-3:2003; EN 60664-3:2003)
- zamijenjena s: HRN EN 60664-3:2017
- HRN EN 60664-3:2008/A1:2011 en
Koordinacija izolacije za opremu niskonaponskih sustava – 3. dio: Zaštita od zagađenja oblaganjem te stavljanjem u kućište ili kalup (IEC 60664-3:2003/am1:2010+Corr.1:2010; EN 60664-3:2003/A1:2010)
Insulation coordination for equipment within low-voltage systems – Part 3: Use of coating, potting or moulding for protection against pollution (IEC 60664-3:2003/am1:2010+Corr.1:2010; EN 60664-3:2003/A1:2010)
- zamijenjena s: HRN EN 60664-3:2017
- HRN EN 60695-1-10:2011 en
Ispitivanje opasnosti od požara – Dio 1-10: Upute za procjenu opasnosti od požara za elektrotehničke proizvode – Opće smjernice (IEC 60695-1-10:2009; EN 60695-1-10:2010)
Fire hazard testing – Part 1-10: Guidance for assessing the fire hazard of electrotechnical products – General guidelines (IEC 60695-1-10:2009; EN 60695-1-10:2010)
- zamijenjena s: HRN EN 60695-1-10:2017
- HRN EN 60695-1-30:2010 en
Ispitivanje opasnosti od požara – Dio 1-30: Upute za procjenu opasnosti od požara za elektrotehničke proizvode – Unaprijed odabrani postupci ispitivanja – Opće smjernice (IEC 60695-1-30:2008; EN 60695-1-30:2008)
Fire hazard testing – Part 1-30: Guidance for assessing the fire hazard of electrotechnical products – Preselection testing process – General guidelines (IEC 60695-1-30:2008; EN 60695-1-30:2008)
- zamijenjena s: HRN EN 60695-1-30:2017
- HRN EN 60695-8-1:2008 en
Ispitivanje opasnosti od požara – Dio 8-1: Emitiranje topline – Opće upute (IEC 60695-8-1:2008; EN 60695-8-1:2008)
Fire hazard testing – Part 8-1: Heat release – General guidance (IEC 60695-8-1:2008; EN 60695-8-1:2008)
- zamijenjena s: HRN EN 60695-8-1:2017
- HRN EN 60695-10-3:2008 en
Ispitivanje na opasnost od požara – Dio 10-3: Nenormalna toplina – Ispitivanje deformacija pri oporavku napregnute konstrukcije (IEC 60695-10-3:2002; EN 60695-10-3:2002)
Fire hazard testing – Part 10-3: Abnormal heat – Mould stress relief distortion test (IEC 60695-10-3:2002; EN 60695-10-3:2002)
- zamijenjena s: HRN EN 60695-10-3:2016
- HRN EN 60695-11-2:2014 en
Ispitivanje na opasnost od požara – Dio 11-2: Ispitni plamenovi – Nazivni pripremljeni ispitni plamen snage 1 kW – Oprema, određivanje potvrdnog ispitivanja i upute (IEC 60695-11-2:2013; EN 60695-11-2:2014)
Fire hazard testing – Part 11-2: Test flames – 1 kW nominal pre-mixed flame: Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-2:2013; EN 60695-11-2:2014)
- zamijenjena s: HRN EN 60695-11-2:2017
- HRN EN 60695-11-5:2008 en
Ispitivanje na opasnost od požara – Dio 11-5: Ispitni plamenovi – Ispitna metoda s igličastim plamenom – Uređaj, ispitni postupak za potvrđivanje i upute (IEC 60695-11-5:2004; EN 60695-11-5:2005)
Fire hazard testing – Part 11-5: Test flames – Needle-flame test method – Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-5:2004; EN 60695-11-5:2005)
- zamijenjena s: HRN EN 60695-11-5:2017
- HRN EN 60909-0:2004 en
Struje kratkog spoja u trofaznim izmjeničnim sustavima – 0. dio: Proračun struja (IEC 60909-0:2001; EN 60909-0:2001)
Short-circuit currents in three-phase a.c. systems – Part 0: Calculation of currents (IEC 60909-0:2001; EN 60909-0:2001)
- zamijenjena s: HRN EN 60909-0:2016
- HRN EN 61360-5:2008 en
Standardni tipni podatci s pripadajućom klasifikacijskom shemom za električne komponente – 5. dio: Prošireni EXPRESS rječnik shema (IEC 61360-5:2004; EN 61360-5:2004)
Standard data element types with associated classification scheme for electric components – Part 5: Extensions to the EXPRESS dictionary schema (IEC 61360-5:2004; EN 61360-5:2004)
- bez zamjene
- HRN EN 62321:2010 en
Elektrotehnički proizvodi – Određivanje razina za šest propisanih supstanci (olovo, živa, kadmij, šesterovalentni krom, polibrominiranih bifenila, polibrominiranih difenil etera) (IEC 62321:2008; EN 62321:2009)
Electrotechnical products – Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers) (IEC 62321:2008; EN 62321:2009)
- zamijenjena s:
HRN EN 62321-1:2013 (djelomično),
HRN EN 62321-2:2014 (djelomično),
HRN EN 62321-3-1:2014 (djelomično),
HRN EN 62321-3-2:2014 (djelomično),
HRN EN 62321-4:2014 (djelomično),
HRN EN 62321-5:2014 (djelomično),
HRN EN 62321-6:2015 (djelomično),
HRN EN 62321-7-1:2016 (djelomično),
HRN EN 62321-7-2:2017 (djelomično)

HZN/TU V1, Elektronika 1

- HRN HD 123.4 S1:2008 en
Hollow metallic waveguides – Part 4: Relevant specifications for circular waveguides (IEC 60153-4:1973; HD 123.4 S1:1977)
- zamijenjena s: HRN EN 60153-4:2018
- HRN HD 129.4 S1:2008 en
Flanges for waveguides – Part 4: Relevant specifications for flanges for circular waveguides (IEC 60154-4:1969; HD 129.4 S1:1977)
- zamijenjena s: HRN EN 60154-4:2017
- HRN HD 134.2 S2:2008 en
Radio-frequency connectors – Part 2: Coaxial unmatched connector (IEC 60169-2:1965+am1:1982; HD 134.2 S2:1984)
- bez zamjene
- HRN HD 134.3 S1:2008 en
Radio-frequency connectors – Part 3: Two pin connector for twin balanced aerial feeders (IEC 60169-3:1965; HD 134.3 S1:1977)
- bez zamjene
- HRN HD 134.4 S2:2008 en
Radio-frequency connectors – Part 4: R.F. coaxial connectors with inner diameter of outer conductor 16 mm (0,63 in) with screw lock – Characteristic impedance 50 ohms (Type 7-16) (IEC 60169-4:1975; HD 134.4 S2:1977)
- bez zamjene
- HRN HD 134.5 S1:2008 en
Radio-frequency connectors – Part 5: R.F. coaxial connectors for cables 96 IEC 60050-17 and larger (IEC 60169-5:1970; HD 134.5 S1:1977)
- bez zamjene
- HRN HD 134.6 S1:2008 en
Radio-frequency connectors – Part 6: R.F. coaxial connectors for cables 96 IEC 60075-17 and larger (IEC 60169-6:1971; HD 134.6 S1:1977)
- bez zamjene
- HRN HD 134.7 S2:2008 en
Radio-frequency connectors – Part 7: R.F. coaxial connectors with inner diameter of outer conductor 9,5 mm (0,374 in) with bayonet lock – Characteristic impedance 50 ohm (Type C) (IEC 60169-7:1975+am1:1993; HD 134.7 S2:1995)
- bez zamjene
- HRN EN 50380:2008 en
Datasheet and nameplate information for photovoltaic modules (EN 50380:2003)
- zamijenjena s: HRN EN 50380:2017
- HRN EN 50411-3-3:2012 en
Fibre organisers and closures to be used in optical fibre communication systems – Product specifications – Part 3-3: Singlemode optical fibre fusion splice protectors (EN 50411-3-3:2011)
- zamijenjena s: HRN EN 50411-3-3:2019
- HRN EN 60068-2-54:2008 en
Environmental testing – Part 2-54: Tests – Test Ta: Solderability testing of electronic components by the wetting balance method (IEC 60068-2-54:2006; EN 60068-2-54:2006)
- zamijenjena s: HRN EN 60068-2-69:2017
- HRN EN 60068-2-69:2009 en
Environmental testing – Part 2-69: Tests – Test Te: Solderability testing of electronic components for surface mounting devices (SMD) by the wetting balance method (IEC 60068-2-69:2007; EN 60068-2-69:2007)
- zamijenjena s: HRN EN 60068-2-69:2017
- HRN EN 60286-1:2008 en
Packaging of components for automatic handling – Part 1: Tape packaging of components with axial leads on continuous tapes (IEC 60286-1:1997; EN 60286-1:1998)
- zamijenjena s: HRN EN 60286-1:2018
- HRN EN 60444-8:2008 en
Measurement of quartz crystal unit parameters – Part 8: Test fixture for surface mounted quartz crystal units (IEC 60444-8:2003; EN 60444-8:2003)
- zamijenjena s: HRN EN 60444-8:2017
- HRN EN 60679-1:2009 en
Quartz crystal controlled oscillators of assessed quality – Part 1: Generic specification (IEC 60679-1:2007; EN 60679-1:2007)
- zamijenjena s: HRN EN 60679-1:2018
- HRN EN 60679-6:2012 en
Quartz crystal controlled oscillators of assessed quality – Part 6: Phase jitter measurement method for quartz crystal oscillators and SAW oscillators – Application guidelines (IEC 60679-6:2011; EN 60679-6:2011)
- bez zamjene
- HRN EN 60747-5-1:2008 en
Discrete semiconductor devices and integrated circuits – Part 5-1: Optoelectronic devices – General (IEC 60747-5-1:1997+am1:2001+am2:2002; EN 60747-5-1:2001+A1:2002+A2:2002)
- bez zamjene
- HRN EN 60749-3:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 3: External visual examination (IEC 60749-3:2002; EN 60749-3:2002)
- zamijenjena s: HRN EN 60749-3:2017
- HRN EN 60749-4:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 4: Damp heat, steady state, highly accelerated stress test (HAST) (IEC 60749-4:2002; EN 60749-4:2002)
- zamijenjena s: HRN EN 60749-4:2017
- HRN EN 60749-5:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 5: Steady-state temperature humidity bias life test (IEC 60749-5:2003; EN 60749-5:2003)
- zamijenjena s: HRN EN 60749-5:2017
- HRN EN 60749-6:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 6: Storage at high temperature (IEC 60749-6:2002; EN 60749-6:2002)
- zamijenjena s: HRN EN 60749-6:2017
- HRN EN 60749-9:2008 en
Semiconductor devices – Mechanical and climatic test methods – Part 9: Permanence of marking (IEC 60749-9:2002; EN 60749-9:2002)
- zamijenjena s: HRN EN 60749-9:2017
- HRN EN 60793-1-1:2009 en
Optical fibres – Part 1-1: Measurement methods and test procedures – General and guidance (IEC 60793-1-1:2008; EN 60793-1-1:2008)
- zamijenjena s: HRN EN 60793-1-1:2017
- HRN EN 60793-1-33:2008 en
Optical fibres – Part 1-33: Measurement methods and test procedures – Stress corrosion susceptibility (IEC 60793-1-33:2001; EN 60793-1-33:2002)
- zamijenjena s: HRN EN 60793-1-33:2018
- HRN EN 60793-1-48:2009 en
Optical fibres – Part 1-48: Measurement methods and test procedures – Polarization mode dispersion (IEC 60793-1-48:2007; EN 60793-1-48:2007)
- zamijenjena s: HRN EN 60793-1-48:2018
- HRN EN 60793-2-10:2016 en
Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibre (IEC 60793-2-10:2015; EN 60793-2-10:2016)
- zamijenjena s: HRN EN 60793-2-10:2017
- HRN EN 60794-1-20:2014 en
Optical fibre cables – Part 1-20: Generic specification – Basic optical cable test procedures – General and definitions (IEC 60794-1-20:2014; EN 60794-1-20:2014)
- zamijenjena s: HRN EN 60794-1-2:2017
- HRN EN 60794-1-2:2014 en
Optical fibre cables – Part 1-2: Generic specification – Cross reference table for optical cable test procedures (IEC 60794-1-2:2013; EN 60794-1-2:2014)
- zamijenjena s: HRN EN 60794-1-2:2017

HRN EN 60874-17:2008 en
Connectors for optical fibres and cables – Part 17: Sectional specification for fibre optic connector – Type F-05 (friction lock) (IEC 60874-17:1995+Corr.1:1996; EN 60874-17:1997)
- bez zamjene

HRN EN 61076-3-104:2009 en
Connectors for electronic equipment – Product requirements – Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 1 000 MHz (IEC 61076-3-104:2006; EN 61076-3-104:2006)
- zamijenjena s: HRN EN 61076-3-104:2017

HRN EN 61188-7:2010 en
Printed boards and printed board assemblies – Design and use – Part 7: Electronic component zero orientation for CAD library construction (IEC 61188-7:2009; EN 61188-7:2009)
- zamijenjena s: HRN EN 61188-7:2017

HRN EN 61191-3:2008 en
Printed board assemblies – Part 3: Sectional specification – Requirements for through-hole mount soldered assemblies (IEC 61191-3:1998; EN 61191-3:1998)
- zamijenjena s: HRN EN 61191-3:2017

HRN EN 61191-4:2008 en
Printed board assemblies – Part 4: Sectional specification – Requirements for terminal soldered assemblies (IEC 61191-4:1998; EN 61191-4:1998)
- zamijenjena s: HRN EN 61191-4:2017

HRN EN 61215:2008 en
Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval (IEC 61215:2005; EN 61215:2005)
- zamijenjena s: HRN EN 61215-1:2016, HRN EN 61215-1-1:2016, HRN EN 61215-2:2017

HRN EN 61280-4-4:2008 en
Fibre optic communication subsystem test procedures – Part 4-4: Cable plants and links – Polarization mode dispersion measurement for installed links (IEC 61280-4-4:2006; EN 61280-4-4:2006)
- zamijenjena s: HRN EN 61280-4-4:2017

HRN EN 61291-5-2:2008 en
Optical amplifiers – Part 5-2: Qualification specifications – Reliability qualification for optical fibre amplifiers (IEC 61291-5-2:2002; EN 61291-5-2:2002)
- zamijenjena s: HRN EN 61291-5-2:2017

HRN EN 61300-2-4:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-4: Tests – Fibre/cable retention (IEC 61300-2-4:1995; EN 61300-2-4:1997)
- zamijenjena s: HRN EN IEC 61300-2-4:2019

HRN EN 61300-2-46:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-46: Tests – Damp heat cyclic (IEC 61300-2-46:2006; EN 61300-2-46:2006)
- zamijenjena s: HRN EN IEC 61300-2-46:2019

HRN EN 61300-2-46:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-46: Tests – Damp heat cyclic (IEC 61300-2-46:2006; EN 61300-2-46:2006)
- zamijenjena s: HRN EN IEC 61300-2-46:2019

HRN EN 61300-2-46:2008 en
Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-46: Tests – Damp heat cyclic (IEC 61300-2-46:2006; EN 61300-2-46:2006)
- zamijenjena s: HRN EN IEC 61300-2-46:2019

HRI CLC/TR 61340-5-2:2010 en
Electrostatics – Part 5-2: Protection of electronic devices from electrostatic phenomena – User guide (IEC/TR 61340-5-2:2007; CLC/TR 61340-5-2:2008)
- bez zamjene

HRN EN 61587-1:2012 en
Mechanical structures for electronic equipment – Tests for IEC 60917 and IEC 60297 series – Part 1: Environmental requirements, test set-up and safety aspects for cabinets, racks, subracks and chassis under indoor conditions (IEC 61587-1:2011; EN 61587-1:2012)
- zamijenjena s: HRN EN 61587-1:2017

HRN EN 62090:2008 en
Product package labels for electronic components using bar code and two – dimensional symbologies (IEC 62090:2002; EN 62090:2003)
- zamijenjena s: HRN EN 62090:2017

HRN EN 62211:2008 en
Inductive components – Reliability management (IEC 62211:2003; EN 62211:2004)
- zamijenjena s: HRN EN 62211:2017

HRN EN 62433-2:2011 en
EMC IC modelling – Part 2: Models of integrated circuits for EMI behavioural simulation – Conducted emissions modelling (ICEM-CE) (IEC 62433-2:2008; EN 62433-2:2010)
- zamijenjena s: HRN EN 62433-2:2017

HRN EN 122001:2008 en
Blank Detail Specification – CECC military specification for radio frequency connectors – Type MIL-C-39012 (EN 122001:1993)
- bez zamjene

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 503, *Metalni materijali*

- **umjesto**

HRN EN 10210-2:2019
Toplo oblikovani šuplji profili **od konstrukcijskog čelika** – 2. dio: Dopuštena odstupanja, dimenzije i svojstva profila (EN 10210-2:2019)
Hot finished structural steel hollow sections – Part 2: Tolerances, dimensions and sectional properties (EN 10210-2:2019)

- **treba biti**

HRN EN 10210-2:2019
Toplo oblikovani šuplji profili **za čelične konstrukcije** – 2. dio: Dopuštena odstupanja, dimenzije i svojstva profila (EN 10210-2:2019)
Hot finished structural steel hollow sections – Part 2: Tolerances, dimensions and sectional properties (EN 10210-2:2019)

- **umjesto**

HRN EN 10219-2:2019
Hladno oblikovani zavareni šuplji profili **od konstrukcijskog čelika** – 2. dio: Dopuštena odstupanja, dimenzije i svojstva profila (EN 10219-2:2019)
Cold formed welded steel structural hollow sections – Part 2: Tolerances, dimensions and sectional properties (EN 10219-2:2019)

- **treba biti**

HRN EN 10219-2:2019
Hladno oblikovani zavareni šuplji profili **za čelične konstrukcije** – 2. dio: Dopuštena odstupanja, dimenzije i svojstva profila (EN 10219-2:2019)
Cold formed welded steel structural hollow sections – Part 2: Tolerances, dimensions and sectional properties (EN 10219-2:2019)

HZN/TO 505, *Prijenos i distribucija plina*

- **umjesto**

HRN EN ISO 20257-1:2020
Instalacije i oprema za ukapljeni prirodni plin – Projektiranje plutajućih LNG instalacija – 1. dio: Opći zahtjevi (ISO 20257-1:2020; EN ISO 20257-1:2020)
Installation and equipment for liquefied natural gas – Design of floating LNG installations – Part 1: General requirements (ISO 20257-1:2020; EN ISO 20257-1:2020)

- **treba biti**

HRN EN ISO 20257-1:2020
Instalacije i oprema za ukapljeni prirodni plin – Projektiranje plutajućih LNG instalacija – 1. dio: Opći zahtjevi (ISO 20257-1:2020, **ispravljena verzija 2020-10**; EN ISO 20257-1:2020)
Installation and equipment for liquefied natural gas – Design of floating LNG installations – Part 1: General requirements (ISO 20257-1:2020, **Corrected version 2020-10**; EN ISO 20257-1:2020)

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

- **umjesto**

HRN EN 915:2009

Gimnastička oprema – **Asimetrične ruče** – Zahtjevi i metode ispitivanja uključujući sigurnost (EN 915:2008)
Gymnastic equipment – Asymmetric bars – Requirements and test methods including safety (EN 915:2008)

- **treba biti**

HRN EN 915:2009

Gimnastička oprema – **Dvovisinske ruče** – Zahtjevi i metode ispitivanja uključujući sigurnost (EN 915:2008)
Gymnastic equipment – Asymmetric bars – Requirements and test methods including safety (EN 915:2008)

HZN/TO E23, *Električni instalacijski pribor*

- **umjesto**

HRN EN 50250:2013

Pretvarački adapteri za primjenu u industriji
(**EN 50250:2002+AC:2002+AC:2007**)
Conversion adaptors for industrial use
(**EN 50250:2002+AC:2002+AC:2007**)

- **treba biti**

HRN EN 50250:2013

Pretvarački adapteri za primjenu u industriji
(**EN 50250:2002+AC:2007**)
Conversion adaptors for industrial use
(**EN 50250:2002+AC:2007**)

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

- **umjesto**

HRN EN 14175-3:2019

Digestori – 3. dio: **Tipovi metoda ispitivanja** (EN 14175-3:2019)
Fume cupboards – Part 3: Type test methods (EN 14175-3:2019)

- **treba biti**

HRN EN 14175-3:2019

Digestori – 3. dio: **Metode ispitivanja tipa** (EN 14175-3:2019)
Fume cupboards – Part 3: Type test methods (EN 14175-3:2019)

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

- **umjesto**

HRN EN ISO 20697:2018

Sterilni drenažni kateteri i pomoćni pribor za jednokratnu upotrebu (ISO 20697:2018; EN ISO 20697:2018)
Sterile drainage catheters and accessory devices for single use (ISO 20697:2018; EN ISO 20697:2018)

- **treba biti**

HRN EN ISO 20697:2018

Sterilni drenažni kateteri i pomoćni pribor za jednokratnu upotrebu (ISO 20697:2018, **ispravljena verzija 2018-09**; EN ISO 20697:2018)
Sterile drainage catheters and accessory devices for single use (ISO 20697:2018, **Corrected version 2018-09**; EN ISO 20697:2018)

1.10 **Prijevod** hrvatskih normativnih dokumenata

HZN/TO 554, *Obrada otpadnih voda*

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

HRN EN 13564-1:2008 hr-en pr-pp

Uređaji protiv poplave za zgrade – 1. dio: Zahtjevi
(EN 13564-1:2002)

Anti-flooding devices for buildings – Part 1: Requirements
(EN 13564-1:2002)

2 Rezultati mednarodne i evropske normizacije

Evropska normizacija (CEN)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 73	Durability of wood and wood-based products – Accelerated ageing of treated wood prior to biological testing – Evaporative ageing procedure	71.100.50	2020-08
EN 84	Durability of wood and wood-based products – Accelerated ageing of treated wood prior to biological testing – Leaching procedure	71.100.50	2020-08
EN 1064	Health informatics – Standard communication protocol – Computer-assisted electrocardiography	35.240.80	2020-08
EN 1366-1+A1	Fire resistance tests for service installations – Part 1: Ventilation ducts	13.220.50; 91.140.30	2020-08
EN 12046-1	Operating forces – Test method – Part 1: Windows	91.060.50; 91.190	2020-08
EN 12514	Components for supply systems for consuming units with liquid fuels	27.060.10; 75.200	2020-08
EN 12542	LPG equipment and accessories – Static welded steel cylindrical pressure vessels, serially produced for the storage of Liquefied Petroleum Gas (LPG) having a volume not greater than 13 m ³ – Design and manufacture	23.020.30	2020-08
EN 12608-1+A1	Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors – Classification, requirements and test methods – Part 1: Non-coated PVC-U profiles with light coloured surfaces	83.140.99; 91.060.50	2020-08
EN 13115	Windows – Classification of mechanical properties – Racking, torsion and operating forces	91.060.50	2020-08
EN 13215+A1	Condensing units for refrigeration – Rating conditions, tolerances and presentation of manufacturer's performance data	27.200	2020-08
EN 13480-3/A2	Metallic industrial piping – Part 3: Design and calculation	23.040.01	2020-08
EN 13480-3/A3	Metallic industrial piping – Part 3: Design and calculation	23.040.01	2020-08
EN 15722	Intelligent transport systems – ESafety – ECall minimum set of data	03.220.20; 13.200; 35.240.60	2020-08
EN 16157-5	Intelligent transport systems – DATEX II data exchange specifications for traffic management and information – Part 5: Measured and elaborated data publications	35.240.60	2020-08
EN 16303	Road restraint systems – Validation and verification process for the use of virtual testing in crash testing against vehicle restraint system	13.200; 93.080.30	2020-08
EN 16307-1	Industrial trucks – Safety requirements and verification – Part 1: Supplementary requirements for self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks	53.060	2020-08
EN 16486+A1	Machines for compacting waste materials or recyclable fractions – Compactors – Safety requirements	43.160	2020-08
EN 16750+A1	Fixed firefighting systems – Oxygen reduction systems – Design, installation, planning and maintenance	13.220.20	2020-08
EN 16808	Petroleum, petrochemical and natural gas industries – Safety of machineries – Manual elevators	75.180.10	2020-08
EN 16842-10	Powered industrial trucks – Visibility – Test methods and verification – Part 10: Towing and Pushing tractors and Burden carrier	53.060	2020-08
CEN/TS 17073/AC	Postal services – Interfaces for cross border parcels	03.240; 35.240.69	2020-08
EN 17141	Cleanrooms and associated controlled environments – Biocontamination control	13.040.35	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN 17285	Railway applications – Acoustics – Measuring of door audible warnings	17.140.30; 45.060.20	2020-08
EN 17353	Protective clothing – Enhanced visibility equipment for medium risk situations – Test methods and requirements	13.340.10	2020-08
EN 17355	Railway applications – Communication device for urban rail – System requirements	13.320; 45.060.01	2020-08
EN 17358	Intelligent transport systems – ESafety – eCall OAD for multiple Optional Additional Datasets	03.220.20; 35.240.60	2020-08
EN 17359	Stationary source emissions – Bioaerosols and biological agents – Sampling of bioaerosols and collection in liquids – Impingement method	13.040.20	2020-08
EN 17429	Conservation of cultural heritage – Procurement of conservation services and works	97.195	2020-08
CEN/TS 17489-1	Personal identification – Secure and interoperable European Breeder Documents – Part 1: Framework overview	35.240.15	2020-08
CEN/TS 17497	Pulp, paper and paperboard – Determination of bisphenol A in extracts from paper and paperboard	85.060	2020-08
CEN/TR 17499	Bitumen and bituminous binders – Examples for CE Marking and Declaration of Performances (DoP)	91.100.50	2020-08
CEN/TR 17524	Fire safety engineering in Europe – Review of national requirements and application	13.220.01	2020-08
CEN/TR 17532	Railway applications – Fire protection on railway vehicles – Assessment of fire containment and control systems for railway vehicles	13.220.20; 45.060.01	2020-08
EN 45545-2	Railway applications – Fire protection on railway vehicles – Part 2: Requirements for fire behavior of materials and components	13.220.20; 45.060.01	2020-08
EN ISO 128-2	Technical product documentation – General principles of representation – Part 2: Basic conventions for lines (ISO 128-2:2020)	01.100.01	2020-08
EN ISO 3949	Plastics hoses and hose assemblies – Textile-reinforced types for hydraulic applications – Specification (ISO 3949:2020)	23.100.40; 83.140.40	2020-08
EN ISO 4499-1	Hardmetals – Metallographic determination of microstructure – Part 1: Photomicrographs and description (ISO 4499-1:2020)	77.040.99; 77.160	2020-08
EN ISO 4499-2	Hardmetals – Metallographic determination of microstructure – Part 2: Measurement of WC grain size (ISO 4499-2:2020)	77.040.99; 77.160	2020-08
EN ISO 4625-1	Binders for paints and varnishes – Determination of softening point – Part 1: Ring-and-ball method (ISO 4625-1:2020)	87.060.20	2020-08
EN ISO 5165	Petroleum products – Determination of the ignition quality of diesel fuels – Cetane engine method (ISO 5165:2020)	75.160.20	2020-08
EN ISO 6647-1	Rice – Determination of amylose content – Part 1: Spectrophotometric method with a defatting procedure by methanol and with calibration solutions of potato amylose and waxy rice amylopectin (ISO 6647-1:2020)	67.060	2020-08
EN ISO 6647-2	Rice – Determination of amylose content – Part 2: Spectrophotometric routine method without defatting procedure and with calibration from rice standards (ISO 6647-2:2020)	67.060	2020-08
EN ISO 7540	Spices and condiments – Ground sweet and hot paprika (<i>Capsicum annuum</i> L. and <i>Capsicum frutescens</i> L.) – Specifications (ISO 7540:2020)	67.220.10	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN ISO 7541	Spices and condiments – Spectrophotometric determination of the extractable colour in paprika (ISO 7541:2020)	67.220.10	2020-08
EN ISO 10350-2	Plastics – Acquisition and presentation of comparable single-point data – Part 2: Long-fibre-reinforced plastics (ISO 10350-2:2020)	83.120	2020-08
EN ISO 14007	Environmental management – Guidelines for determining environmental costs and benefits (ISO 14007:2019)	13.020.20	2020-08
EN ISO 14008	Monetary valuation of environmental impacts and related environmental aspects (ISO 14008:2019)	13.020.20	2020-08
EN ISO 14050	Environmental management – Vocabulary (ISO 14050:2020)	01.040.13; 13.020.10	2020-08
EN ISO 14155	Clinical investigation of medical devices for human subjects – Good clinical practice (ISO 14155:2020)	11.100.20	2020-08
EN ISO 16140-4	Microbiology of the food chain – Method validation – Part 4: Protocol for method validation in a single laboratory (ISO 16140-4:2020)	07.100.30	2020-08
EN ISO 16140-5	Microbiology of the food chain – Method validation – Part 5: Protocol for factorial interlaboratory validation for non-proprietary methods (ISO 16140-5:2020)	07.100.30	2020-08
EN ISO 16283-2	Acoustics – Field measurement of sound insulation in buildings and of building elements – Part 2: Impact sound insulation (ISO 16283-2:2020)	91.060.30; 91.120.20	2020-08
EN ISO 17871	Gas cylinders – Quick-release cylinder valves – Specification and type testing (ISO 17871:2020)	23.020.35	2020-08
EN ISO 19014-4	Earth-moving machinery – Functional safety – Part 4: Design and evaluation of software and data transmission for safety-related parts of the control system (ISO 19014-4:2020)	53.100	2020-08
EN ISO 19650-3	Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 3: Operational phase of the assets (ISO 19650-3:2020)	35.240.67; 91.010.01; 93.010	2020-08
EN ISO 20785-1	Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 1: Conceptual basis for measurements (ISO 20785-1:2020)	13.280; 49.020	2020-08
EN ISO 20785-2	Dosimetry for exposures to cosmic radiation in civilian aircraft – Part 2: Characterization of instrument response (ISO 20785-2:2020)	13.280; 49.020	2020-08
EN ISO 22232-1	Non-destructive testing – Characterization and verification of ultrasonic test equipment – Part 1: Instruments (ISO 22232-1:2020)	19.100	2020-08
EN ISO 24034	Welding consumables – Solid wire electrodes, solid wires and rods for fusion welding of titanium and titanium alloys – Classification (ISO 24034:2020)	25.160.20	2020-08
CEN ISO/TS 80004-11	Nanotechnologies – Vocabulary – Part 11: Nanolayer, nanocoating, nanofilm, and related terms (ISO/TS 80004-11:2017)	01.040.07; 07.120	2020-08
CEN ISO/TS 80004-13	Nanotechnologies – Vocabulary – Part 13: Graphene and related two-dimensional (2D) materials (ISO/TS 80004-13:2017)	01.040.07; 07.120	2020-08

Europska normizacija (CENELEC)

Oznaka norme	Naslov norme	ICS	Datum objave
EN 16603-60-20	Space engineering – Star sensor terminology and performance specification	01.040.49; 49.140	2020-08
EN 17350	SCM – Scheduling and Commanding Message – Standard	49.140	2020-08
CEN/TR 17464	Space – Use of GNSS-based positioning for road Intelligent Transport System (ITS) – Security attacks modelling and definition of performance features and metrics related to security	03.220.20; 33.060.30; 35.240.60	2020-08
EN 50131-2-4	Alarm systems – Intrusion and hold-up systems – Part 2-4: Requirements for combined passive infrared and microwave detectors	13.310; 13.320	2020-08
EN 50193-1/A1	Electric instantaneous water heaters – Methods for measuring the Performance – Part 1: General requirements	91.140.65	2020-08
EN 50193-2-1/A1	Electric instantaneous water heaters – Part 2-1: Methods for measuring the performance – Multifunctional electric instantaneous water heaters	91.140.65	2020-08
EN 50193-2-2/A1	Electric instantaneous water heaters – Part 2-2: Performance requirements – Single point of use electric instantaneous showers – Efficiency	91.140.65	2020-08
EN 50367	Railway applications – Fixed installations and rolling stock – Criteria to achieve technical compatibility between pantographs and overhead contact line	29.280; 45.060.10	2020-08
EN 50440/A1	Efficiency of domestic electrical storage water heaters and testing methods	91.140.65	2020-08
EN IEC 55016-1-4/A1	Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Antennas and test sites for radiated disturbance measurements (CISPR 16-1-4:2019/A1:2020)	33.100.10; 33.100.20; 33.120.40	2020-08
EN IEC 60068-3-7	Environmental testing – Part 3-7: Supporting documentation and guidance – Measurements in temperature chambers for tests A (Cold) and B (Dry heat) (with load) (IEC 60068-3-7:2020)	19.040; 29.020	2020-08
EN IEC 60263	Scales and sizes for plotting frequency characteristics and polar diagrams (IEC 60263:2020)	17.140.50	2020-08
EN IEC 60296	Fluids for electrotechnical applications – Mineral insulating oils for electrical equipment (IEC 60296:2020)	29.040.10	2020-08
EN IEC 60317-0-6	Specifications for particular types of winding wires – Part 0-6: General requirements – Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire (IEC 60317-0-6:2020)	29.060.10	2020-08
EN IEC 60317-60-1	Specifications for particular types of winding wires – Part 60-1: Polyester glass-fibre wound fused, unvarnished, bare or enamelled rectangular copper wire, temperature index 155 (IEC 60317-60-1:2020)	29.060.10	2020-08
EN IEC 60317-60-2	Specifications for particular types of winding wires – Part 60-2: Polyester glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155 (IEC 60317-60-2:2020)	29.060.10	2020-08
EN IEC 60317-70-1	Specifications for particular types of winding wires – Part 70-1: Polyester glass-fibre wound unvarnished and fused, bare or enamelled round copper wire, temperature index 155 (IEC 60317-70-1:2020)	29.060.10	2020-08
EN IEC 60317-70-2	Specifications for particular types of winding wires – Part 70-2: Polyester glass-fibre wound resin/varnish impregnated, bare or enamelled round copper wire, temperature index 155 (IEC 60317-70-2:2020)	29.060.10	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 60317-82	Specifications for particular types of winding wires – Part 82: Polyesterimide enamelled rectangular copper wire, class 200 (IEC 60317-82:2020)	29.060.10	2020-08
EN IEC 60779	Installations for electroheating and electromagnetic processing – Test methods for electrosag remelting furnaces (IEC 60779:2020)	25.180.10	2020-08
EN IEC 60794-1-215	Optical fibre cables – Part 1-215: Generic specification – Basic optical cable test procedures – Environmental test methods – Cable external freezing test, Method F15 (IEC 60794-1-215:2020)	33.180.10	2020-08
EN IEC 61400-5	Wind energy generation systems – Part 5: Wind turbine blades (IEC 61400-5:2020)	27.180	2020-08
EN IEC 61701	Photovoltaic (PV) modules – Salt mist corrosion testing (IEC 61701:2020)	27.160	2020-08
EN IEC 61753-1/A1	Fibre optic interconnecting devices and passive components – Performance standard – Part 1: General and guidance (IEC 61753-1:2018/A1:2020)	33.180.20	2020-08
EN IEC 61788-26	Superconductivity – Part 26: Critical current measurement – DC critical current of RE-Ba-Cu-O composite superconductors (IEC 61788-26:2020)	17.220.20; 19.080; 29.050	2020-08
EN IEC 61804-3	Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL) – Part 3: EDDL syntax and semantics (IEC 61804-3:2020)	25.040.40; 35.060; 35.240.50	2020-08
EN IEC 61804-4	Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL) – Part 4: EDD interpretation (IEC 61804-4:2020)	25.040.40; 35.060; 35.240.50	2020-08
EN IEC 61804-5	Devices and integration in enterprise systems – Function blocks (FB) for process control and electronic device description language (EDDL) – Part 5: EDDL Builtin library (IEC 61804-5:2020)	25.040.40; 35.060; 35.240.50	2020-08
EN IEC 61970-301	Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base (IEC 61970-301:2020)	33.040.20; 33.200; 35.240.50	2020-08
EN 62366-1/A1	Medical devices – Part 1: Application of usability engineering to medical devices (IEC 62366-1:2015/A1:2020)	11.040.01	2020-08
EN IEC 62435-8	Electronic components – Long-term storage of electronic semiconductor devices – Part 8: Passive electronic devices (IEC 62435-8:2020)	31.020	2020-08
EN IEC 62443-3-2	Security for industrial automation and control systems – Part 3-2: Security risk assessment for system design (IEC 62443-3-2:2020)	25.040.40; 35.030; 35.240.50	2020-08
EN IEC 62541-7	OPC unified architecture – Part 7: Profiles (IEC 62541-7:2020)	25.040.40; 35.100.05; 35.200; 35.240.50	2020-08
EN IEC 62541-8	OPC Unified Architecture – Part 8: Data Access (IEC 62541-8:2020)	25.040.40; 35.100.05; 35.200; 35.240.50	2020-08
EN IEC 62541-9	OPC Unified Architecture – Part 9: Alarms and Conditions (IEC 62541-9:2020)	25.040.40; 35.100.05; 35.200; 35.240.50	2020-08
EN IEC 62541-11	OPC Unified Architecture – Part 11: Historical Access (IEC 62541-11:2020)	25.040.40; 35.100.05; 35.200; 35.240.50	2020-08
EN IEC 62541-12	OPC unified architecture – Part 12: Discovery and global services (IEC 62541-12:2020)	25.040.40; 35.200; 35.240.50	2020-08
EN IEC 62614-1	Fibre optics – Multimode launch conditions – Part 1: Launch condition requirements for measuring multimode attenuation (IEC 62614-1:2020)	33.180.01	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
EN IEC 62656-8	Standardized product ontology register and transfer by data parcels – Part 8: Web service interface for data parcels (IEC 62656-8:2020)	01.040.01; 01.110; 35.240.50	2020-08
EN IEC 62714-4	Engineering data exchange format for use in industrial automation systems engineering – Automation markup language – Part 4: Logic (IEC 62714-4:2020)	25.040.40; 35.060; 35.240.50	2020-08
EN IEC 62859	Nuclear power plants – Instrumentation and control systems – Requirements for coordinating safety and cybersecurity (IEC 62859:2016 + A1:2019)	27.120.20; 35.030	2020-08
EN IEC 63034	Microspeakers (IEC 63034:2020)	33.160.50	2020-08
EN IEC 63067	Electrical installations for lighting and beaconing of aerodromes – Connecting devices – General requirements and tests (IEC 63067:2020)	29.120.30; 91.140.50; 93.120	2020-08
EN IEC 63169	Electrical household and similar cooling and freezing appliances – Food preservation (IEC 63169:2020)	67.040; 97.040.30	2020-08
EN IEC 63180	Methods of measurement and declaration of the detection range of detectors – Passive infrared detectors for major and minor motion detection (IEC 63180:2020)	29.120.40; 97.120	2020-08
CLC IEC/TR 63201	Low-voltage switchgear and controlgear – Guidance for the development of embedded software (IEC/TR 63201:2019)	29.130.20	2020-08
CLC IEC/TR 63216	Low-voltage switchgear and controlgear – Electromagnetic compatibility assessment for switchgear and controlgear and their assemblies (IEC/TR 63216:2019)	29.130.20	2020-08
CEN ISO/TR 20416	Medical devices – Post-market surveillance for manufacturers (ISO/TR 20416:2020)	11.040.01	2020-08

Europska normizacija (ETSI)

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 101756 V 2.4.1	Digital Audio Broadcasting (DAB) – Registered Tables	33.170	2020-08
ETSI TS 102232-2 V 3.12.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 2: Service-specific details for messaging services	33.040.35	2020-08
ETSI TS 102232-3 V 3.8.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 3: Service-specific details for internet access services	33.040.35	2020-08
ETSI TS 102232-5 V 3.12.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 5: Service-specific details for IP Multimedia services	33.040.35	2020-08
ETSI TS 102232-7 V 3.8.1	Lawful Interception (LI) – Handover Interface and Service-Specific Details (SSD) for IP delivery – Part 7: Service-specific details for Mobile Services	33.040.35	2020-08
ETSI TS 102636-4-2 V 1.3.1	Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – Sub-part 2: Media-dependent functionalities for ITS-G5	35.240.60	2020-08
ETSI TS 102636-4-3 V 1.1.1	Intelligent Transport Systems (ITS) – Vehicular Communications – GeoNetworking – Part 4: Geographical addressing and forwarding for point-to-point and point-to-multipoint communications – Sub-part 3: Media-dependent functionalities for LTE-V2X	35.240.60	2020-08
ETSI TS 102657 V 1.26.1	Lawful Interception (LI) – Retained data handling – Handover interface for the request and delivery of retained data	33.040.35	2020-08
ETSI TS 102818 V 3.3.1	Hybrid Digital Radio (DAB, DRM, RadioDNS) – XML Specification for Service and Programme Information (SPI)	33.170	2020-08
ETSI TS 103120 V 1.6.1	Lawful Interception (LI) – Interface for warrant information	33.040.35	2020-08
ETSI TS 103176 V 2.4.1	Digital Audio Broadcasting (DAB) – Rules of implementation – Service information features	33.170	2020-08
ETSI TS 103221-1 V 1.7.1	Lawful Interception (LI) – Internal Network Interfaces – Part 1: X1	33.040.35	2020-08
ETSI TS 103221-2 V 1.3.1	Lawful Interception (LI) – Internal Network Interfaces – Part 2: X2/X3	33.040.35	2020-08
ETSI TR 103459 V 1.2.1	Rail Telecommunications (RT) – Future Rail Mobile Communication System (FRMCS) – Study on system architecture	33.070.50	2020-08
ETSI TS 103461 V 1.2.1	Digital Audio Broadcasting (DAB) – Domestic and in-vehicle digital radio receivers – Minimum requirements and Test specifications for technologies and products	33.170	2020-08
ETSI TR 103477 V 1.2.1	eHEALTH – Standardization use cases for eHealth	35.240.80	2020-08
ETSI TS 103485 V 1.1.1	CYBER – Mechanisms for privacy assurance and verification	33.040.99; 35.030	2020-08
ETSI TS 103558 V 1.2.1	Speech and multimedia Transmission Quality (STQ) – Methods for objective assessment of listening effort	33.040.01	2020-08
ETSI TS 103653-1 V 1.1.1	Core Network and Interoperability Testing (INT) – VoLTE/ViLTE interoperability test description over 4G/early 5G in physical/virtual environments – (3GPP Release 15) – Part 1: Test Purposes (TP) and Protocol Implementation Conformance Statement (PICS) for VoLTE/ViLTE interoperability	33.040.99	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 103653-2 V 1.1.1	Core Network and Interoperability Testing (INT) – VoLTE/ViLTE interoperability test description over 4G/early 5G in physical/virtual environments – (3GPP Release 15) – Part 2: Test Descriptions for VoLTE/ViLTE interoperability	33.040.99	2020-08
ETSI TS 103653-3 V 1.1.1	Core Network and Interoperability Testing (INT) – VoLTE/ViLTE interoperability test description over 4G/early 5G in physical/virtual environments – (3GPP Release 15) – Part 3: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) for VoLTE/ViLTE interoperability	33.040.99	2020-08
ETSI TS 103673 V 1.1.1	SmartM2M – SAREF Development Framework and Workflow, Streamlining the Development of SAREF and its Extensions	33.200	2020-08
ETSI TS 121101 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 121201 V 16.0.0	LTE – Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 121202 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Technical Specifications and Technical Reports relating to the Common IP Multimedia Subsystem (IMS) (3GPP TS 21.202 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 121205 V 16.0.0	5G – Technical Specifications and Technical Reports for a 5G based 3GPP system (3GPP TS 21.205 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122001 V 16.0.1	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN) (3GPP TS 22.001 version 16.0.1 Release 16)	33.070.50	2020-08
ETSI TS 122002 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Circuit Bearer Services (BS) supported by a Public Land Mobile Network (PLMN) (3GPP TS 22.002 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122003 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Circuit Teleservices supported by a Public Land Mobile Network (PLMN) (3GPP TS 22.003 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122004 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General on supplementary services (3GPP TS 22.004 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122016 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – International Mobile station Equipment Identities (IMEI) (3GPP TS 22.016 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122022 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Personalisation of Mobile Equipment (ME) – Mobile functionality specification (3GPP TS 22.022 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 122024 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Description of Charge Advice Information (CAI) (3GPP TS 22.024 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122030 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Man-Machine Interface (MMI) of the User Equipment (UE) (3GPP TS 22.030 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122031 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Fraud Information Gathering System (FIGS) – Service description – Stage 1 (3GPP TS 22.031 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122032 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Immediate Service Termination (IST) – Service description – Stage 1 (3GPP TS 22.032 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122034 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – High Speed Circuit Switched Data (HSCSD) – Stage 1 (3GPP TS 22.034 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122038 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – (U)SIM Application Toolkit (USAT) – Service description – Stage 1 (3GPP TS 22.038 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122041 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Operator Determined Barring (ODB) (3GPP TS 22.041 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122042 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Network Identity and TimeZone (NITZ) – Service description – Stage 1 (3GPP TS 22.042 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122053 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 1 (3GPP TS 22.053 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122057 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mobile Execution Environment (MExE) – Service description – Stage 1 (3GPP TS 22.057 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122060 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Service description – Stage 1 (3GPP TS 22.060 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122067 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – enhanced Multi Level Precedence and Pre-emption service (eMLPP) – Stage 1 (3GPP TS 22.067 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 122071 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Location Services (LCS) – Service description – Stage 1 (3GPP TS 22.071 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122072 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Call Deflection (CD) service description – Stage 1 (3GPP TS 22.072 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122076 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Noise suppression for the AMR codec – Service description – Stage 1 (3GPP TS 22.076 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122078 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Customised Applications for Mobile network Enhanced Logic (CAMEL) – Service description – Stage 1 (3GPP TS 22.078 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122079 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Support of Optimal Routeing (SOR) – Service definition – Stage 1 (3GPP TS 22.079 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122081 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Line Identification supplementary services – Stage 1 (3GPP TS 22.081 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122082 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Call Forwarding (CF) Supplementary Services – Stage 1 (3GPP TS 22.082 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122083 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Call Waiting (CW) and Call Holding (HOLD) – Supplementary Services – Stage 1 (3GPP TS 22.083 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122084 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – MultiParty (MPTY) supplementary service – Stage 1 (3GPP TS 22.084 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122085 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Closed User Group (CUG) supplementary services – Stage 1 (3GPP TS 22.085 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122086 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Advice of Charge (AoC) supplementary services – Stage 1 (3GPP TS 22.086 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122087 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – User-to-User Signalling (UUS) – Service description – Stage 1 (3GPP TS 22.087 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 122088 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Call Barring (CB) supplementary services – Stage 1 (3GPP TS 22.088 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122090 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Unstructured Supplementary Service Data (USSD) – Stage 1 (3GPP TS 22.090 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122091 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Explicit Call Transfer (ECT) supplementary service – Stage 1 (3GPP TS 22.091 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122093 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Completion of Calls to Busy Subscriber (CCBS) – Service description, Stage 1 (3GPP TS 22.093 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122094 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Follow Me service description – Stage 1 (3GPP TS 22.094 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122096 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Name identification supplementary services – Stage 1 (3GPP TS 22.096 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122097 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multiple Subscriber Profile (MSP) Phase 2 – Service description – Stage 1 (3GPP TS 22.097 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122105 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Services and service capabilities (3GPP TS 22.105 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122129 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects – Handover requirements between UTRAN and GERAN or other radio systems (3GPP TS 22.129 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122135 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Multicall – Service description – Stage 1 (3GPP TS 22.135 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122140 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Messaging Service (MMS) – Stage 1 (3GPP TS 22.140 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122141 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Stage 1 (3GPP TS 22.141 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122142 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Value Added Services (VAS) for Short Message Service (SMS) requirements (3GPP TS 22.142 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 122146 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) – Stage 1 (3GPP TS 22.146 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122174 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Push Service – Service aspects – Stage 1 (3GPP TS 22.174 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122182 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Customized Alerting Tones (CAT) requirements – Stage 1 (3GPP TS 22.182 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122183 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Customized Ringing Signal (CRS) requirements – Stage 1 (3GPP TS 22.183 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122185 V 16.0.0	LTE – Service requirements for V2X services (3GPP TS 22.185 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122220 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Service requirements for Home Node B (HNB) and Home eNode B (HeNB) (3GPP TS 22.220 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122226 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Global Text Telephony (GTT) – Stage 1 (3GPP TS 22.226 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122233 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end packet-switched streaming service – Stage 1 (3GPP TS 22.233 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122240 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for 3GPP Generic User Profile (GUP) – Stage 1 (3GPP TS 22.240 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122242 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital Rights Management (DRM) – Stage 1 (3GPP TS 22.242 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122243 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech recognition framework for automated voice services – Stage 1 (3GPP TS 22.243 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122246 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Broadcast/Multicast Service (MBMS) user services – Stage 1 (3GPP TS 22.246 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122250 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) Group Management – Stage 1 (3GPP TS 22.250 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 122259 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for Personal Network Management (PNM) – Stage 1 (3GPP TS 22.259 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122261 V 16.12.0	5G – Service requirements for the 5G system (3GPP TS 22.261 version 16.12.0 Release 16)	33.070.50	2020-08
ETSI TS 122279 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Combined Circuit Switched (CS) and IP Multimedia Subsystem (IMS) sessions – Stage 1 (3GPP TS 22.279 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122280 V 16.8.0	LTE – 5G – Mission Critical Services Common Requirements (MCCoRe) – Stage 1 (3GPP TS 22.280 version 16.8.0 Release 16)	33.070.50	2020-08
ETSI TS 122340 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging – Stage 1 (3GPP TS 22.340 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122346 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Isolated Evolved Universal Terrestrial Radio Access Network (E-UTRAN) operation for public safety – Stage 1 (3GPP TS 22.346 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 122368 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service requirements for Machine-Type Communications (MTC) – Stage 1 (3GPP TS 22.368 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122903 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on Videotelephony teleservice (3GPP TR 22.903 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122906 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on IMS based peer-to-peer content distribution services (3GPP TR 22.906 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122908 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on Paging Permission with Access Control (PPAC) (3GPP TR 22.908 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122912 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study into network selection requirements for non-3GPP access (3GPP TR 22.912 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122936 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multi-system terminals (3GPP TR 22.936 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122940 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) messaging (3GPP TR 22.940 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122942 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on Value Added Services (VAS) for Short Message Service (SMS) (3GPP TR 22.942 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 122944 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Report on service requirements for UE functionality split (3GPP TR 22.944 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122947 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Study on Personal Broadcast Service (PBS) (3GPP TR 22.947 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122948 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of requirements of IP-Multimedia Subsystem (IMS) convergent multimedia conferencing (3GPP TR 22.948 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122949 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on a generalized privacy capability (3GPP TR 22.949 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122950 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Priority service feasibility study (3GPP TR 22.950 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122951 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Service aspects and requirements for network sharing (3GPP TR 22.951 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122952 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Priority service guide (3GPP TR 22.952 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122967 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Transferring of emergency call data (3GPP TR 22.967 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122968 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study for requirements for a Public Warning System (PWS) service (3GPP TR 22.968 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122973 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IMS Multimedia Telephony service – and supplementary services (3GPP TR 22.973 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122977 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study for speech-enabled services (3GPP TR 22.977 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122978 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – All-IP network (AIPN) feasibility study (3GPP TR 22.978 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122979 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Feasibility study on combined Circuit Switched (CS) calls and IP Multimedia Subsystem (IMS) sessions (3GPP TR 22.979 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 122980 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Network composition feasibility study (3GPP TR 22.980 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122982 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of Customised Alerting Tone (CAT) requirements (3GPP TR 22.982 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122983 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Services alignment and migration (3GPP TR 22.983 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122985 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Service requirements for the User Data Convergence (UDC) (3GPP TR 22.985 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122986 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Study on Service Specific Access Control (3GPP TR 22.986 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122987 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study of haptic services requirements (3GPP TR 22.987 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 122988 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on alternatives to E.164 for Machine-Type Communications (MTC) (3GPP TR 22.988 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 123031 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – 3G Security – Fraud Information Gathering System (FIGS) – Technical realization – Stage 2 (3GPP TS 23.031 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 123035 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Immediate Service Termination (IST) – Stage 2 (3GPP TS 23.035 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 123053 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Tandem Free Operation (TFO) – Service description – Stage 2 (3GPP TS 23.053 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 123146 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Technical realization of facsimile Group 3 non-transparent (3GPP TS 23.146 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 123172 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Technical realization of Circuit Switched (CS) multimedia service UDI/RDI fallback and service modification – Stage 2 (3GPP TS 23.172 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 123202 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Circuit switched data bearer services (3GPP TS 23.202 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 123259 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Procedures and information flows – Stage 2 (3GPP TS 23.259 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 124022 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Radio Link Protocol (RLP) for circuit switched bearer and teleservices (3GPP TS 24.022 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 124259 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Personal Network Management (PNM) – Stage 3 (3GPP TS 24.259 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 124301 V 16.5.1	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS) – Stage 3 (3GPP TS 24.301 version 16.5.1 Release 16)	33.070.50	2020-08
ETSI TS 124302 V 16.4.0	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 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 124323 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO) (3GPP TS 24.323 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 124379 V 13.15.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 13.15.0 Release 13)	33.070.99	2020-08
ETSI TS 124379 V 14.12.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 14.12.0 Release 14)	33.070.99	2020-08
ETSI TS 124379 V 15.8.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 15.8.0 Release 15)	33.070.99	2020-08
ETSI TS 124379 V 16.5.0	LTE – Mission Critical Push To Talk (MCPTT) call control – Protocol specification (3GPP TS 24.379 version 16.5.0 Release 16)	33.070.99	2020-08
ETSI TS 124483 V 13.9.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 13.9.0 Release 13)	33.070.99	2020-08
ETSI TS 124483 V 14.8.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 14.8.0 Release 14)	33.070.99	2020-08
ETSI TS 124483 V 15.6.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 15.6.0 Release 15)	33.070.99	2020-08
ETSI TS 124483 V 16.4.0	LTE – Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 124501 V 16.5.1	5G – Non-Access-Stratum (NAS) protocol for 5G System (5GS) – Stage 3 (3GPP TS 24.501 version 16.5.1 Release 16)	33.070.99	2020-08
ETSI TS 124502 V 15.6.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 15.6.0 Release 15)	33.070.99	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 124502 V 16.4.0	5G – Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 124544 V 16.1.0	5G – Group Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.544 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 124545 V 16.1.0	5G – Location Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.545 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 124546 V 16.1.0	5G – Configuration management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.546 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 124547 V 16.1.0	5G – Identity management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.547 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 124548 V 16.0.0	5G – Network Resource Management – Service Enabler Architecture Layer for Verticals (SEAL) – Protocol specification (3GPP TS 24.548 version 16.0.0 Release 16)	33.070.99	2020-08
ETSI TS 124571 V 16.1.0	5G – 5G System (5GS) – Control plane Location Services (LCS) procedures – Stage 3 (3GPP TS 24.571 version 16.1.0 Release 16)	33.070.50; 33.070.99	2020-08
ETSI TS 124587 V 16.1.1	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – Stage 3 (3GPP TS 24.587 version 16.1.1 Release 16)	33.070.99	2020-08
ETSI TS 124588 V 16.1.0	5G – Vehicle-to-Everything (V2X) services in 5G System (5GS) – User Equipment (UE) policies – Stage 3 (3GPP TS 24.588 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 125102 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – User Equipment (UE) radio transmission and reception (TDD) (3GPP TS 25.102 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125105 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125106 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (3GPP TS 25.106 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125111 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Location Measurement Unit (LMU) performance specification – User Equipment (UE) positioning in UTRAN (3GPP TS 25.111 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125113 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Base station (BS) and repeater electromagnetic compatibility (EMC) (3GPP TS 25.113 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125116 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater radio transmission and reception (LCR TDD) (3GPP TS 25.116 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125142 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125143 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (3GPP TS 25.143 version 16.0.0 Release 16)	33.070.50	2020-08

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ETSI TS 125153 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRA repeater conformance testing (LCR TDD) (3GPP TS 25.153 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125171 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Global Positioning System (A-GPS) – Frequency Division Duplex (FDD) (3GPP TS 25.171 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125172 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Frequency Division Duplex (FDD) (3GPP TS 25.172 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125173 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Requirements for support of Assisted Galileo and Additional Navigation Satellite Systems (A-GANSS) Time Division Duplex (TDD) (3GPP TS 25.173 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125402 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125410 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface: General aspects and principles (3GPP TS 25.410 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125411 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface layer 1 (3GPP TS 25.411 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125412 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface signalling transport (3GPP TS 25.412 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125414 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface data transport and transport signalling (3GPP TS 25.414 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125415 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu interface user plane protocols (3GPP TS 25.415 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125419 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) (3GPP TS 25.419 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125420 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface general aspects and principles (3GPP TS 25.420 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125421 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface layer 1 (3GPP TS 25.421 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125422 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface signalling transport (3GPP TS 25.422 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125423 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125424 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface data transport & transport signalling for Common Transport Channel data streams (3GPP TS 25.424 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 125425 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.425 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125426 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iur and Iub interface data transport & transport signalling for DCH data streams (3GPP TS 25.426 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125427 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub/Iur interface user plane protocol for DCH data streams (3GPP TS 25.427 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125430 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub Interface: general aspects and principles (3GPP TS 25.430 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125431 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface Layer 1 (3GPP TS 25.431 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125432 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface: signalling transport (3GPP TS 25.432 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125434 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface data transport and transport signalling for Common Transport Channel data streams (3GPP TS 25.434 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125435 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iub interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.435 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125442 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN implementation-specific O&M transport (3GPP TS 25.442 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125444 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Iuh data transport (3GPP TS 25.444 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125446 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – MBMS synchronisation protocol (SYNC) (3GPP TS 25.446 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125450 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface general aspects and principles (3GPP TS 25.450 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125451 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface layer 1 (3GPP TS 25.451 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125452 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface: signalling transport (3GPP TS 25.452 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125453 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling (3GPP TS 25.453 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125460 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: General aspects and principles (3GPP TS 25.460 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125461 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN Iuant interface: Layer 1 (3GPP TS 25.461 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 125462 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN luan interface: Signalling transport (3GPP TS 25.462 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125466 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN luan interface: Application part (3GPP TS 25.466 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125467 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN architecture for 3G Home Node B (HNB) – Stage 2 (3GPP TS 25.467 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125468 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN luh Interface RANAP User Adaption (RUA) signalling (3GPP TS 25.468 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125469 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN luh interface Home Node B (HNB) Application Part (HNBAP) signalling (3GPP TS 25.469 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125470 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN luh Interface PCAP User Adaption (PUA) signalling (3GPP TS 25.470 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125471 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN lurh interface Radio Network Subsystem Application Part (RNSAP) User Adaption (RNA) signalling (3GPP TS 25.471 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 125484 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Automatic Neighbour Relation (ANR) for UTRAN – Stage 2 (3GPP TS 25.484 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125906 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Dynamically reconfiguring a Frequency Division Duplex (FDD) User Equipment (UE) receiver to reduce power consumption when desired Quality of Service (QoS) is met (3GPP TR 25.906 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125914 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Measurements of radio performances for UMTS terminals in speech mode (3GPP TR 25.914 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125931 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – UTRAN functions, examples on signalling procedures (3GPP TR 25.931 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125942 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Radio Frequency (RF) system scenarios (3GPP TR 25.942 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125943 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Deployment aspects (3GPP TR 25.943 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125951 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – FDD Base Station (BS) classification (3GPP TR 25.951 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125956 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Universal Terrestrial Radio Access (UTRA) repeater planning guidelines and system analysis (3GPP TR 25.956 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125963 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Feasibility study on interference cancellation for UTRA FDD User Equipment (UE) (3GPP TR 25.963 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 125967 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Home Node B (HNB) Radio Frequency (RF) requirements (FDD) (3GPP TR 25.967 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 125968 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – 1.28 Mcps TDD Home NodeB Radio Frequency (RF) (3GPP TR 25.968 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126071 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech CODEC speech processing functions – AMR speech Codec – General description (3GPP TS 26.071 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126073 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the Adaptive Multi Rate (AMR) speech codec (3GPP TS 26.073 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126074 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec test sequences (3GPP TS 26.074 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126077 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Minimum performance requirements for Noise Suppressor – Application to the Adaptive Multi-Rate (AMR) speech encoder (3GPP TS 26.077 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126090 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Transcoding functions (3GPP TS 26.090 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126091 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory Speech Codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Error concealment of lost frames (3GPP TS 26.091 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126092 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Comfort noise aspects (3GPP TS 26.092 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126094 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.094 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126101 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec speech processing functions – Adaptive Multi-Rate (AMR) speech codec frame structure (3GPP TS 26.101 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126102 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Mandatory speech codec – Adaptive Multi-Rate (AMR) speech codec – Interface to Iu, Uu and Nb (3GPP TS 26.102 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126110 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – General description (3GPP TS 26.110 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126111 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Codec for circuit switched multimedia telephony service – Modifications to H.324 (3GPP TS 26.111 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126140 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Multimedia Messaging Service (MMS) – Media formats and codecs (3GPP TS 26.140 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126141 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia System (IMS) Messaging and Presence – Media formats and codecs (3GPP TS 26.141 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126142 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Dynamic and Interactive Multimedia Scenes (DIMS) (3GPP TS 26.142 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126150 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Syndicated Feed Reception (SFR) within 3GPP environments – Protocols and codecs (3GPP TS 26.150 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126171 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – General description (3GPP TS 26.171 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126173 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the Adaptive Multi-Rate – Wideband (AMR-WB) speech codec (3GPP TS 26.173 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126174 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec test sequences (3GPP TS 26.174 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126177 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – Speech Enabled Services (SES) – Distributed Speech Recognition (DSR) extended advanced front-end test sequences (3GPP TS 26.177 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126190 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Transcoding functions (3GPP TS 26.190 version 16.0.0 Release 16)	33.070.50	2020-08

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ETSI TS 126191 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Error concealment of erroneous or lost frames (3GPP TS 26.191 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126192 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Comfort noise aspects (3GPP TS 26.192 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126193 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Source controlled rate operation (3GPP TS 26.193 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126194 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Voice Activity Detector (VAD) (3GPP TS 26.194 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126201 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Frame structure (3GPP TS 26.201 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126202 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Speech codec speech processing functions – Adaptive Multi-Rate – Wideband (AMR-WB) speech codec – Interface to lu, Uu and Nb (3GPP TS 26.202 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126226 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – General description (3GPP TS 26.226 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126230 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Transmitter bit exact C-code (3GPP TS 26.230 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126231 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Cellular text telephone modem – Minimum performance requirements (3GPP TS 26.231 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126237 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service – Protocols (3GPP TS 26.237 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126243 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the fixed-point distributed speech recognition extended advanced front-end (3GPP TS 26.243 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126244 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end packet switched streaming service (PSS) – 3GPP file format (3GP) (3GPP TS 26.244 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126245 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet switched Streaming Service (PSS) – Timed text format (3GPP TS 26.245 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126246 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Transparent end-to-end Packet-switched Streaming Service (PSS) – 3GPP SMIL language profile (3GPP TS 26.246 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126259 V 16.0.0	5G – Subjective test methodologies for the evaluation of immersive audio systems (3GPP TS 26.259 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126260 V 16.0.0	5G – Objective test methodologies for the evaluation of immersive audio systems (3GPP TS 26.260 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126267 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – General description (3GPP TS 26.267 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126268 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – ANSI-C reference code (3GPP TS 26.268 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126269 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – eCall data transfer – In-band modem solution – Conformance testing (3GPP TS 26.269 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126273 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – ANSI-C code for the fixed-point Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec (3GPP TS 26.273 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126274 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) speech codec – Conformance testing (3GPP TS 26.274 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126281 V 16.0.0	LTE – Mission Critical Video (MCVideo) – Codecs and media handling (3GPP TS 26.281 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126290 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Audio codec processing functions – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Transcoding functions (3GPP TS 26.290 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126304 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Extended Adaptive Multi-Rate – Wideband (AMR-WB+) codec – Floating-point ANSI-C code (3GPP TS 26.304 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126307 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Presentation layer for 3GPP services (3GPP TS 26.307 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126401 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – General description (3GPP TS 26.401 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126402 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Additional decoder tools (3GPP TS 26.402 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126403 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification – Advanced Audio Coding (AAC) part (3GPP TS 26.403 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126404 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Enhanced aacPlus encoder Spectral Band Replication (SBR) part (3GPP TS 26.404 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126405 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Encoder specification parametric stereo part (3GPP TS 26.405 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126406 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Conformance testing (3GPP TS 26.406 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126410 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Floating-point ANSI-C code (3GPP TS 26.410 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 126411 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – General audio codec audio processing functions – Enhanced aacPlus general audio codec – Fixed-point ANSI-C code (3GPP TS 26.411 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126412 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Source code for 3GP file format (3GPP TS 26.412 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126441 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – General overview (3GPP TS 26.441 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126442 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Codec for Enhanced Voice Services (EVS) – ANSI C code (fixed-point) (3GPP TS 26.442 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 126451 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Codec for Enhanced Voice Services (EVS) – Voice Activity Detection (VAD) (3GPP TS 26.451 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 127001 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General on Terminal Adaptation Functions (TAF) for Mobile Stations (MS) (3GPP TS 27.001 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 127002 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using asynchronous bearer capabilities (3GPP TS 27.002 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 127003 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Terminal Adaptation Functions (TAF) for services using synchronous bearer capabilities (3GPP TS 27.003 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 127005 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Use of Data Terminal Equipment – Data Circuit terminating Equipment (DTE – DCE) interface for Short Message Service (SMS) and Cell Broadcast Service (CBS) (3GPP TS 27.005 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 127007 V 15.8.0	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 15.8.0 Release 15)	33.070.50	2020-08
ETSI TS 127007 V 16.5.0	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 16.5.0 Release 16)	33.070.50	2020-08
ETSI TS 127010 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Terminal Equipment to User Equipment (TE-UE) multiplexer protocol (3GPP TS 27.010 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 127060 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Packet domain – Mobile Station (MS) supporting Packet Switched services (3GPP TS 27.060 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128301 V 16.0.0	LTE – Telecommunication management – Licensed Shared Access (LSA) Controller (LC) Integration Reference Point (IRP) – Requirements (3GPP TS 28.301 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128303 V 16.0.0	LTE – Telecommunication management – Licensed Shared Access (LSA) Controller (LC) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.303 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128306 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Control and monitoring of Power, Energy and Environmental (PEE) parameters Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.306 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128310 V 16.1.0	5G – LTE – Management and orchestration – Energy efficiency of 5G (3GPP TS 28.310 version 16.1.0 Release 16)	33.070.50	2020-08
ETSI TS 128402 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements for Evolved Packet Core (EPC) and non-3GPP access interworking system (3GPP TS 28.402 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128403 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements for Wireless Local Area Network (WLAN) (3GPP TS 28.403 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128500 V 16.0.0	LTE – Telecommunication management – Management concept, architecture and requirements for mobile networks that include virtualized network functions (3GPP TS 28.500 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128510 V 16.0.0	LTE – Telecommunication management – Configuration Management (CM) for mobile networks that include virtualized network functions – Requirements (3GPP TS 28.510 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128511 V 16.0.0	LTE – Telecommunication management – Configuration Management (CM) for mobile networks that include virtualized network functions – Procedures (3GPP TS 28.511 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128512 V 16.0.0	LTE – Telecommunication management – Configuration Management (CM) for mobile networks that include virtualized network functions – Stage 2 (3GPP TS 28.512 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128513 V 16.0.0	LTE – Telecommunication management – Configuration Management (CM) for mobile networks that include virtualized network functions – Stage 3 (3GPP TS 28.513 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128515 V 16.0.0	LTE – Telecommunication management – Fault Management (FM) for mobile networks that include virtualized network functions – Requirements (3GPP TS 28.515 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128516 V 16.0.0	LTE – Telecommunication management – Fault Management (FM) for mobile networks that include virtualized network functions – Procedures (3GPP TS 28.516 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128517 V 16.0.0	LTE – Telecommunication management – Fault Management (FM) for mobile networks that include virtualized network functions – Stage 2 (3GPP TS 28.517 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128518 V 16.0.0	LTE – Telecommunication management – Fault Management (FM) for mobile networks that include virtualized network functions – Stage 3 (3GPP TS 28.518 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128520 V 16.0.0	LTE – Telecommunication management – Performance Management (PM) for mobile networks that include virtualized network functions – Requirements (3GPP TS 28.520 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128521 V 16.0.0	LTE – Telecommunication management – Performance Management (PM) for mobile networks that include virtualized network functions – Procedures (3GPP TS 28.521 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128522 V 16.0.0	LTE – Telecommunication management – Performance Management (PM) for mobile networks that include virtualized network functions – Stage 2 (3GPP TS 28.522 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128523 V 16.0.0	LTE – Telecommunication management – Performance Management (PM) for mobile networks that include virtualized network functions – Stage 3 (3GPP TS 28.523 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128525 V 16.0.0	LTE – Telecommunication management – Life Cycle Management (LCM) for mobile networks that include virtualized network functions – Requirements (3GPP TS 28.525 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128526 V 16.0.0	LTE – Telecommunication management – Life Cycle Management (LCM) for mobile networks that include virtualized network functions – Procedures (3GPP TS 28.526 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128527 V 16.0.0	LTE – Telecommunication management – Life Cycle Management (LCM) for mobile networks that include virtualized network functions – Stage 2 (3GPP TS 28.527 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128528 V 16.0.0	LTE – Telecommunication management – Life Cycle Management (LCM) for mobile networks that include virtualized network functions – Stage 3 (3GPP TS 28.528 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128530 V 16.2.0	5G – Management and orchestration – Concepts, use cases and requirements (3GPP TS 28.530 version 16.2.0 Release 16)	33.070.50	2020-08
ETSI TS 128531 V 15.6.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 15.6.0 Release 15)	33.070.50	2020-08
ETSI TS 128531 V 16.6.0	5G – Management and orchestration – Provisioning (3GPP TS 28.531 version 16.6.0 Release 16)	33.070.50	2020-08
ETSI TS 128532 V 15.6.0	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 15.6.0 Release 15)	33.070.50	2020-08
ETSI TS 128532 V 16.4.0	5G – Management and orchestration – Generic management services (3GPP TS 28.532 version 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 128533 V 16.4.0	5G – Management and orchestration – Architecture framework (3GPP TS 28.533 version 16.4.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128541 V 15.6.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 15.6.0 Release 15)	33.070.50	2020-08
ETSI TS 128541 V 16.5.0	5G – Management and orchestration – 5G Network Resource Model (NRM) – Stage 2 and stage 3 (3GPP TS 28.541 version 16.5.0 Release 16)	33.070.50	2020-08
ETSI TS 128545 V 15.2.0	5G – Management and orchestration – Fault Supervision (FS) (3GPP TS 28.545 version 15.2.0 Release 15)	33.070.50	2020-08
ETSI TS 128545 V 16.0.0	5G – Management and orchestration – Fault Supervision (FS) (3GPP TS 28.545 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128550 V 15.5.0	5G – Management and orchestration – Performance assurance (3GPP TS 28.550 version 15.5.0 Release 15)	33.070.50	2020-08
ETSI TS 128550 V 16.5.0	5G – Management and orchestration – Performance assurance (3GPP TS 28.550 version 16.5.0 Release 16)	33.070.50	2020-08
ETSI TS 128552 V 15.6.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 15.6.0 Release 15)	33.070.50	2020-08
ETSI TS 128552 V 16.6.0	5G – Management and orchestration – 5G performance measurements (3GPP TS 28.552 version 16.6.0 Release 16)	33.070.50	2020-08
ETSI TS 128554 V 16.5.0	5G – Management and orchestration – 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 16.5.0 Release 16)	33.070.50	2020-08
ETSI TS 128611 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.611 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128612 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.612 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128616 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.616 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128620 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) Umbrella Information Model (UIM) (3GPP TS 28.620 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128621 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Telecommunication management – Generic Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.621 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128622 V 16.4.0	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 16.4.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128623 V 16.4.0	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 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 128624 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Requirements (3GPP TS 28.624 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128625 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.625 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128626 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – State management data definition Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.626 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128628 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.628 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128629 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.629 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128631 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.631 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128632 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.632 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128633 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.633 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128651 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.651 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128652 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.652 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128653 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.653 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128654 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.654 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128655 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.655 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128657 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.657 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128658 V 16.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.658 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 128661 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.661 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128662 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.662 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128663 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Radio Access Network (RAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.663 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128667 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Radio Planning Tool Access (RPTA) Integration Reference Point (IRP) – Requirements (3GPP TS 28.667 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128668 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Radio Planning Tool Access (RPTA) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.668 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128669 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Radio Planning Tool Access (RPTA) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.669 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128671 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.671 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128672 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.672 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128673 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.673 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128674 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.674 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128675 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.675 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128676 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home enhanced Node B (HeNB) Subsystem (HeNS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.676 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128680 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Wireless Local Area Network (WLAN) management – Concepts and requirements (3GPP TS 28.680 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128681 V 16.0.0	LTE – Telecommunication management – Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.681 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128682 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.682 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128683 V 16.0.0	LTE – Telecommunication management – Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.683 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128701 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.701 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128702 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.702 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128703 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.703 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128704 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.704 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128705 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.705 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128706 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.706 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128707 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.707 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128708 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.708 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128709 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Evolved Packet Core (EPC) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.709 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128731 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.731 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128732 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.732 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128733 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.733 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128734 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.734 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 128735 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.735 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128736 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Signalling Transport Network (STN) interface Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.736 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128751 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Requirements (3GPP TS 28.751 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128752 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 28.752 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 128753 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) Network Resource Model (NRM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 28.753 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129007 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General requirements on interworking between the Public Land Mobile Network (PLMN) and the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) (3GPP TS 29.007 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129016 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface network service specification (3GPP TS 29.016 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129018 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – General Packet Radio Service (GPRS) – Serving GPRS Support Node (SGSN) – Visitors Location Register (VLR) – Gs interface layer 3 specification (3GPP TS 29.018 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129061 V 15.6.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 15.6.0 Release 15)	33.070.50	2020-08
ETSI TS 129061 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129079 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Optimal media routing within the IP Multimedia Subsystem (IMS) – Stage 3 (3GPP TS 29.079 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129108 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Application of the Radio Access Network Application Part (RANAP) on the E-interface (3GPP TS 29.108 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129116 V 16.5.0	LTE – 5G – Representational state transfer over xMB reference point between content provider and BM-SC (3GPP TS 29.116 version 16.5.0 Release 16)	33.070.99	2020-08
ETSI TS 129118 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Mobility Management Entity (MME) – Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129122 V 15.7.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.7.0 Release 15)	33.070.99	2020-08
ETSI TS 129122 V 16.6.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – T8 reference point for Northbound APIs (3GPP TS 29.122 version 16.6.0 Release 16)	33.070.99	2020-08
ETSI TS 129153 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Ns reference point (3GPP TS 29.153 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129154 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service capability exposure functionality over Nt reference point (3GPP TS 29.154 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129155 V 16.0.0	LTE – Traffic steering control – Representational State Transfer (REST) over St reference point (3GPP TS 29.155 version 16.0.0 Release 16)	33.070.99	2020-08
ETSI TS 129164 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Interworking between the 3GPP CS domain with BICC or ISUP as signalling protocol and external SIP-I networks (3GPP TS 29.164 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129165 V 16.3.0	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 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 129201 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC) (3GPP TS 29.201 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129213 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 129214 V 15.8.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and charging control over Rx reference point (3GPP TS 29.214 version 15.8.0 Release 15)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129214 V 16.3.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Policy and charging control over Rx reference point (3GPP TS 29.214 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 129215 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) over S9 reference point – Stage 3 (3GPP TS 29.215 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129217 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Policy and Charging Control (PCC) – Congestion reporting over Np reference point (3GPP TS 29.217 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129219 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Policy and charging control: Spending limit reporting over Sy reference point (3GPP TS 29.219 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129222 V 15.6.0	5G – LTE – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 15.6.0 Release 15)	33.070.99	2020-08
ETSI TS 129222 V 16.3.0	5G – LTE – Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 16.3.0 Release 16)	33.070.99	2020-08
ETSI TS 129235 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129240 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP Generic User Profile (GUP) – Stage 3 – Network (3GPP TS 29.240 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129292 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129311 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Service Level Interworking (SLI) for messaging services (3GPP TS 29.311 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129343 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-services (ProSe) function to ProSe application server aspects (PC2) – Stage 3 (3GPP TS 29.343 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129368 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS) (3GPP TS 29.368 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129413 V 15.4.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 15.4.0 Release 15)	33.070.99	2020-08
ETSI TS 129413 V 16.0.0	5G – Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 16.0.0 Release 16)	33.070.99	2020-08
ETSI TS 129414 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Core network Nb data transport and transport signalling (3GPP TS 29.414 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129415 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Core network Nb interface user plane protocols (3GPP TS 29.415 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129468 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Group Communication System Enablers for LTE (GCSE LTE) – MB2 reference point – Stage 3 (3GPP TS 29.468 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129486 V 16.1.0	LTE – 5G – Vehicle-to-Everything (V2X) Application Enabler (VAE) service – Stage 3 (3GPP TS 29.486 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 129507 V 15.7.0	5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 15.7.0 Release 15)	33.070.99	2020-08
ETSI TS 129507 V 16.4.0	5G – 5G System – Access and Mobility Policy Control Service – Stage 3 (3GPP TS 29.507 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129508 V 15.7.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 15.7.0 Release 15)	33.070.99	2020-08
ETSI TS 129508 V 16.4.0	5G – 5G System – Session Management Event Exposure Service – Stage 3 (3GPP TS 29.508 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129512 V 15.7.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 15.7.0 Release 15)	33.070.99	2020-08
ETSI TS 129512 V 16.5.0	5G – 5G System – Session Management Policy Control Service – Stage 3 (3GPP TS 29.512 version 16.5.0 Release 16)	33.070.99	2020-08
ETSI TS 129513 V 15.7.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 15.7.0 Release 15)	33.070.99	2020-08
ETSI TS 129513 V 16.4.0	5G – 5G System – Policy and Charging Control signalling flows and QoS parameter mapping – Stage 3 (3GPP TS 29.513 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129514 V 15.7.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 15.7.0 Release 15)	33.070.99	2020-08
ETSI TS 129514 V 16.5.0	5G – 5G System – Policy Authorization Service – Stage 3 (3GPP TS 29.514 version 16.5.0 Release 16)	33.070.99	2020-08
ETSI TS 129517 V 16.1.0	5G – 5G System – Application Function (AF) event exposure service – Stage 3 (3GPP TS 29.517 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 129519 V 15.7.0	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 15.7.0 Release 15)	33.070.99	2020-08
ETSI TS 129519 V 16.4.0	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 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129520 V 15.6.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 15.6.0 Release 15)	33.070.99	2020-08
ETSI TS 129520 V 16.4.0	5G – 5G System – Network Data Analytics Services – Stage 3 (3GPP TS 29.520 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129521 V 15.6.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 15.6.0 Release 15)	33.070.99	2020-08
ETSI TS 129521 V 16.4.0	5G – 5G System – Binding Support Management Service – Stage 3 (3GPP TS 29.521 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129522 V 16.4.0	5G – 5G System – Network Exposure Function Northbound APIs – Stage 3 (3GPP TS 29.522 version 16.4.0 Release 16)	33.070.99	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 129523 V 15.3.0	5G – 5G System – Policy Control Event Exposure Service – Stage 3 (3GPP TS 29.523 version 15.3.0 Release 15)	33.070.99	2020-08
ETSI TS 129523 V 16.2.0	5G – 5G System – Policy Control Event Exposure Service – Stage 3 (3GPP TS 29.523 version 16.2.0 Release 16)	33.070.99	2020-08
ETSI TS 129525 V 15.5.0	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 15.5.0 Release 15)	33.070.99	2020-08
ETSI TS 129525 V 16.4.0	5G – 5G System – UE Policy Control Service – Stage 3 (3GPP TS 29.525 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129549 V 16.0.0	5G – LTE – Service Enabler Architecture Layer (SEAL) – Application Programming Interface (API) specification – Stage 3 (3GPP TS 29.549 version 16.0.0 Release 16)	33.070.99	2020-08
ETSI TS 129551 V 16.4.0	5G – 5G System – Packet Flow Description Management Service – Stage 3 (3GPP TS 29.551 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129554 V 15.5.0	5G – 5G System – Background Data Transfer Policy Control Service – Stage 3 (3GPP TS 29.554 version 15.5.0 Release 15)	33.070.99	2020-08
ETSI TS 129554 V 16.4.0	5G – 5G System – Background Data Transfer Policy Control Service – Stage 3 (3GPP TS 29.554 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129561 V 15.4.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 15.4.0 Release 15)	33.070.99	2020-08
ETSI TS 129561 V 16.4.0	5G – 5G System – Interworking between 5G Network and external Data Networks – Stage 3 (3GPP TS 29.561 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TS 129582 V 16.1.0	LTE – 5G – Mission Critical Data (MCData) interworking with Land Mobile Radio (LMR) systems – Stage 3 (3GPP TS 29.582 version 16.1.0 Release 16)	33.070.50	2020-08
ETSI TS 129591 V 16.1.0	5G – 5G System (5GS) – Network exposure function southbound services – Stage 3 (3GPP TS 29.591 version 16.1.0 Release 16)	33.070.99	2020-08
ETSI TS 129594 V 15.6.0	5G – 5G System – Spending Limit Control Service – Stage 3 (3GPP TS 29.594 version 15.6.0 Release 15)	33.070.99	2020-08
ETSI TS 129594 V 16.2.0	5G – 5G System – Spending Limit Control Service – Stage 3 (3GPP TS 29.594 version 16.2.0 Release 16)	33.070.99	2020-08
ETSI TS 129658 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – SIP Transfer of IP Multimedia Service Tariff Information – Protocol specification (3GPP TS 29.658 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 129675 V 16.1.0	LTE – 5G – User Equipment (UE) radio capability provisioning service – Stage 3 (3GPP TS 29.675 version 16.1.0 Release 16)	33.070.50	2020-08
ETSI TR 129909 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Diameter-based protocols usage and recommendations in 3GPP (3GPP TR 29.909 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 129935 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on User Data Convergence (UDC) data model (3GPP TR 29.935 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 129949 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on technical aspects on roaming end-to-end scenarios with Voice over LTE (VoLTE) IP Multimedia Subsystem (IMS) and other networks (3GPP TR 29.949 version 16.0.0 Release 16)	33.070.99	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 131116 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Remote APDU Structure for (U)SIM Toolkit applications (3GPP TS 31.116 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 131130 V 16.0.0	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 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 131131 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – C-language binding to (U)SIM API (3GPP TS 31.131 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132101 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Principles and high level requirements (3GPP TS 32.101 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132102 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Architecture (3GPP TS 32.102 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132103 V 15.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) overview and usage guide (3GPP TS 32.103 version 15.1.0 Release 15)	33.070.50	2020-08
ETSI TS 132103 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) overview and usage guide (3GPP TS 32.103 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132107 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fixed Mobile Convergence (FMC) Federated Network Information Model (FNIM) (3GPP TS 32.107 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132111-1 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 1: 3G fault management requirements (3GPP TS 32.111-1 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132111-2 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 2: Alarm Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.111-2 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132111-6 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Fault Management – Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.111-6 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132121 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP): Requirements (3GPP TS 32.121 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132122 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.122 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132126 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Advanced Alarm Management (AAM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.126 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132130 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Network sharing – Concepts and requirements (3GPP TS 32.130 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132140 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) requirements (3GPP TS 32.140 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132141 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Subscription Management (SuM) architecture (3GPP TS 32.141 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132150 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Concept and definitions (3GPP TS 32.150 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132153 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132154 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Backward and Forward Compatibility (BFC) – Concept and definitions (3GPP TS 32.154 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132155 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Requirements template (3GPP TS 32.155 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132157 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Integration Reference Point (IRP) Information Service (IS) template (3GPP TS 32.157 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132158 V 15.5.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 15.5.0 Release 15)	33.070.50	2020-08
ETSI TS 132158 V 16.0.0	LTE – 5G – Management and orchestration – Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132160 V 16.3.0	LTE – 5G – Management and orchestration – Management service template (3GPP TS 32.160 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 132181 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – User Data Convergence (UDC) – Framework for Model Handling and Management (3GPP TS 32.181 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132182 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – User Data Convergence (UDC) – Common baseline information model (CBIM) (3GPP TS 32.182 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132250 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Circuit Switched (CS) domain charging (3GPP TS 32.250 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132253 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – Telecommunication management – Charging management – Control Plane (CP) data transfer domain charging (3GPP TS 32.253 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132254 V 16.3.0	LTE – 5G – Telecommunication management – Charging management – Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 132255 V 16.5.0	5G – Telecommunication management – Charging management – 5G data connectivity domain charging – Stage 2 (3GPP TS 32.255 version 16.5.0 Release 16)	33.070.50	2020-08
ETSI TS 132256 V 16.1.0	5G – Charging management – 5G connection and mobility domain charging – Stage 2 (3GPP TS 32.256 version 16.1.0 Release 16)	33.070.50	2020-08
ETSI TS 132270 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Messaging Service (MMS) charging (3GPP TS 32.270 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132271 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Location Services (LCS) charging (3GPP TS 32.271 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132272 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Push-to-talk over Cellular (PoC) charging (3GPP TS 32.272 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132273 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Multimedia Broadcast and Multicast Service (MBMS) charging (3GPP TS 32.273 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132274 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Short Message Service (SMS) charging (3GPP TS 32.274 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132276 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Voice Call Service (VCS) charging (3GPP TS 32.276 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132277 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132278 V 16.0.0	LTE – Telecommunication management – Charging management – Monitoring event charging (3GPP TS 32.278 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132280 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Advice of Charge (AoC) service (3GPP TS 32.280 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132290 V 16.4.0	5G – Telecommunication management – Charging management – 5G system – Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 132291 V 15.6.1	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 15.6.1 Release 15)	33.070.50	2020-08
ETSI TS 132291 V 16.4.2	5G – Telecommunication management – Charging management – 5G system, charging service – Stage 3 (3GPP TS 32.291 version 16.4.2 Release 16)	33.070.50	2020-08
ETSI TS 132293 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Proxy function (3GPP TS 32.293 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132295 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) transfer (3GPP TS 32.295 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132296 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Online Charging System (OCS): Applications and interfaces (3GPP TS 32.296 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132297 V 16.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 16.1.0 Release 16)	33.070.50	2020-08
ETSI TS 132298 V 15.11.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 15.11.0 Release 15)	33.070.50	2020-08
ETSI TS 132298 V 16.5.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Charging management – Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 16.5.0 Release 16)	33.070.50	2020-08
ETSI TS 132300 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Name convention for Managed Objects (3GPP TS 32.300 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132301 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP) – Requirements (3GPP TS 32.301 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132302 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.302 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132306 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Notification Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.306 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132311 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Requirements (3GPP TS 32.311 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132312 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Information Service (IS) (3GPP TS 32.312 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132316 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Generic Integration Reference Point (IRP) management – Solution Set (SS) definitions (3GPP TS 32.316 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132321 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Requirements (3GPP TS 32.321 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132322 V 8.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 8.1.0 Release 8)	33.070.50	2020-08
ETSI TS 132322 V 9.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 9.1.0 Release 9)	33.070.50	2020-08
ETSI TS 132322 V 10.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 10.1.0 Release 10)	33.070.50	2020-08
ETSI TS 132322 V 11.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 11.1.0 Release 11)	33.070.50	2020-08
ETSI TS 132322 V 12.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 12.1.0 Release 12)	33.070.50	2020-08
ETSI TS 132322 V 13.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 13.1.0 Release 13)	33.070.50	2020-08
ETSI TS 132322 V 14.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 14.1.0 Release 14)	33.070.50	2020-08
ETSI TS 132322 V 15.1.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 15.1.0 Release 15)	33.070.50	2020-08
ETSI TS 132322 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.322 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132326 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Test management Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.326 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132331 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Notification Log (NL) Integration Reference Point (IRP) – Requirements (3GPP TS 32.331 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132332 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Notification Log (NL) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.332 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132336 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Notification Log (NL) Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.336 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132341 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP) – Requirements (3GPP TS 32.341 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132342 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.342 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132346 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – File Transfer (FT) Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.346 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132351 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Requirements (3GPP TS 32.351 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132352 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.352 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132356 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Communication Surveillance (CS) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.356 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132361 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Entry Point (EP) Integration Reference Point (IRP) – Requirements (3GPP TS 32.361 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132362 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Entry Point (EP) Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.362 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132366 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Entry Point (EP) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.366 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132371 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Security Management concept and requirements (3GPP TS 32.371 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132372 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Security services for Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.372 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132376 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Security services for Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.376 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132381 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Partial Suspension of ltf-N Integration Reference Point (IRP) – Requirements (3GPP TS 32.381 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132382 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Partial Suspension of ltf-N Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.382 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132386 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Partial Suspension of ltf-N Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.386 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132391 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Delta synchronization Integration Reference Point (IRP) – Requirements (3GPP TS 32.391 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132392 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Delta synchronization Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.392 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132396 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Delta synchronization Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.396 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132401 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Concept and requirements (3GPP TS 32.401 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132404 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Definitions and template (3GPP TS 32.404 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132405 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Performance Management (PM) – Performance measurements – Universal Terrestrial Radio Access Network (UTRAN) (3GPP TS 32.405 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132406 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Packet Switched (PS) domain (3GPP TS 32.406 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132407 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Core Network (CN) Circuit Switched (CS) domain – UMTS and combined UMTS/GSM (3GPP TS 32.407 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132408 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – Teleservice (3GPP TS 32.408 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132409 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements – IP Multimedia Subsystem (IMS) (3GPP TS 32.409 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132410 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Key Performance Indicators (KPI) for UMTS and GSM (3GPP TS 32.410 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132411 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP): Requirements (3GPP TS 32.411 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132412 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.412 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132416 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.416 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132422 V 8.10.0	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 8.10.0 Release 8)	33.070.50	2020-08
ETSI TS 132422 V 9.7.0	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 9.7.0 Release 9)	33.070.50	2020-08
ETSI TS 132422 V 10.14.0	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 10.14.0 Release 10)	33.070.50	2020-08
ETSI TS 132422 V 11.13.0	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 11.13.0 Release 11)	33.070.50	2020-08
ETSI TS 132422 V 12.5.0	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 12.5.0 Release 12)	33.070.50	2020-08
ETSI TS 132422 V 13.1.0	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 13.1.0 Release 13)	33.070.50	2020-08
ETSI TS 132422 V 14.1.0	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 14.1.0 Release 14)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132422 V 15.4.0	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 15.4.0 Release 15)	33.070.50	2020-08
ETSI TS 132422 V 16.2.0	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 16.2.0 Release 16)	33.070.50	2020-08
ETSI TS 132423 V 8.6.0	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 8.6.0 Release 8)	33.070.50	2020-08
ETSI TS 132423 V 9.8.0	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 9.8.0 Release 9)	33.070.50	2020-08
ETSI TS 132423 V 10.10.0	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 10.10.0 Release 10)	33.070.50	2020-08
ETSI TS 132423 V 11.9.0	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 11.9.0 Release 11)	33.070.50	2020-08
ETSI TS 132423 V 12.2.0	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 12.2.0 Release 12)	33.070.50	2020-08
ETSI TS 132423 V 13.1.0	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 13.1.0 Release 13)	33.070.50	2020-08
ETSI TS 132423 V 14.1.0	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 14.1.0 Release 14)	33.070.50	2020-08
ETSI TS 132423 V 15.3.0	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 15.3.0 Release 15)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132423 V 16.1.0	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 16.1.0 Release 16)	33.070.50	2020-08
ETSI TS 132426 V 16.0.0	LTE – Telecommunication management – Performance Management (PM) – Performance measurements Evolved Packet Core (EPC) network (3GPP TS 32.426 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132432 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement: File format definition (3GPP TS 32.432 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132435 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement – eXtensible Markup Language (XML) file format definition (3GPP TS 32.435 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132436 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance measurement: Abstract Syntax Notation 1 (ASN.1) file format definition (3GPP TS 32.436 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132441 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Requirements (3GPP TS 32.441 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132442 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.442 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132446 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Trace Management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.446 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132450 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for Evolved Universal Terrestrial Radio Access Network (E-UTRAN): Definitions (3GPP TS 32.450 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132452 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home Node B (HNB) Subsystem (HNS) (3GPP TS 32.452 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132453 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Performance Management (PM) – Performance measurements Home enhanced Node B (HeNB) Subsystem (HeNS) (3GPP TS 32.453 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132454 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Key Performance Indicators (KPI) for the IP Multimedia Subsystem (IMS) – Definitions (3GPP TS 32.454 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132455 V 16.0.0	LTE – Telecommunication management – Key Performance Indicators (KPI) for the Evolved Packet Core (EPC) – Definitions (3GPP TS 32.455 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132500 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Concepts and requirements (3GPP TS 32.500 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132501 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements – Concepts and requirements (3GPP TS 32.501 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132502 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.502 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132506 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-configuration of network elements Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.506 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132508 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Procedure flows for multi-vendor plug-and-play eNode B connection to the network (3GPP TS 32.508 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132509 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Data formats for multi-vendor plug and play eNode B connection to the network (3GPP TS 32.509 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132531 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Concepts and Integration Reference Point (IRP) Requirements (3GPP TS 32.531 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132532 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management (SwM) – Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.532 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132536 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Software management Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.536 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132541 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Self-Organizing Networks (SON) – Self-healing concepts and requirements (3GPP TS 32.541 version 16.0.0 Release 16)	33.070.50	2020-08

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ETSI TS 132551 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Energy Saving Management (ESM) – Concepts and requirements (3GPP TS 32.551 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132571 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface concepts and requirements (3GPP TS 32.571 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132572 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) and Home eNode B (HeNB) management – Type 2 interface models and mapping functions (3GPP TS 32.572 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132581 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts and requirements for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.581 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132582 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.582 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132583 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Procedure flows for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.583 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132584 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Telecommunication management – Home Node B (HNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HNB to HNB Management System (HMS) (3GPP TS 32.584 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132591 V 16.0.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Concepts and requirements for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.591 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132592 V 16.0.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132593 V 16.0.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – Procedure flows for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.593 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132594 V 16.0.0	LTE – Telecommunication management – Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P) – XML definitions for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.594 version 16.0.0 Release 16)	33.070.50	2020-08

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ETSI TS 132600 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Concept and high-level requirements (3GPP TS 32.600 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132601 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Requirements (3GPP TS 32.601 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132602 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Information Service (IS) (3GPP TS 32.602 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132606 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Basic CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.606 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132611 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Requirements (3GPP TS 32.611 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132612 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.612 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132616 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Bulk CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.616 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132661 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Requirements (3GPP TS 32.661 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132662 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Information Service (IS) (3GPP TS 32.662 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 132666 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Configuration Management (CM) – Kernel CM Integration Reference Point (IRP) – Solution Set (SS) definitions (3GPP TS 32.666 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 132690 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Inventory Management (IM) – Requirements (3GPP TS 32.690 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 132901 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Telecommunication management – Study on User Data Convergence (UDC) information model handling and provisioning: Example use cases (3GPP TR 32.901 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133102 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – 3G security – Security architecture (3GPP TS 33.102 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133105 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Cryptographic algorithm requirements (3GPP TS 33.105 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133106 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – 3G security – Lawful interception requirements (3GPP TS 33.106 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133107 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Digital cellular telecommunications system (Phase 2+) (GSM) – 3G security – Lawful interception architecture and functions (3GPP TS 33.107 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133110 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a Universal Integrated Circuit Card (UICC) and a terminal (3GPP TS 33.110 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133116 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Security Assurance Specification (SCAS) for the MME network product class (3GPP TS 33.116 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133117 V 15.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – Catalogue of general security assurance requirements (3GPP TS 33.117 version 15.5.0 Release 15)	33.070.50	2020-08
ETSI TS 133117 V 16.5.0	Universal Mobile Telecommunications System (UMTS) – LTE – Catalogue of general security assurance requirements (3GPP TS 33.117 version 16.5.0 Release 16)	33.070.50	2020-08
ETSI TS 133122 V 16.3.0	LTE – 5G – Security aspects of Common API Framework (CAPIF) for 3GPP northbound APIs (3GPP TS 33.122 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 133141 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Presence service – Security (3GPP TS 33.141 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133179 V 13.11.0	LTE – Security of Mission Critical Push To Talk (MCPTT) over LTE (3GPP TS 33.179 version 13.11.0 Release 13)	33.070.50	2020-08
ETSI TS 133180 V 15.8.0	LTE – Security of the mission critical service (3GPP TS 33.180 version 15.8.0 Release 15)	33.070.50	2020-08
ETSI TS 133180 V 16.4.0	LTE – Security of the mission critical service (3GPP TS 33.180 version 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 133185 V 16.0.0	LTE – 5G – Security aspect for LTE support of Vehicle-to-Everything (V2X) services (3GPP TS 33.185 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133187 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Security aspects of Machine-Type Communications (MTC) and other mobile data applications communications enhancements (3GPP TS 33.187 version 16.0.0 Release 16)	33.070.50	2020-08

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ETSI TS 133203 V 13.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Access security for IP-based services (3GPP TS 33.203 version 13.3.0 Release 13)	33.070.50	2020-08
ETSI TS 133203 V 14.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Access security for IP-based services (3GPP TS 33.203 version 14.2.0 Release 14)	33.070.50	2020-08
ETSI TS 133203 V 15.2.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Access security for IP-based services (3GPP TS 33.203 version 15.2.0 Release 15)	33.070.50	2020-08
ETSI TS 133203 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Access security for IP-based services (3GPP TS 33.203 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133204 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Network Domain Security (NDS) – Transaction Capabilities Application Part (TCAP) user security (3GPP TS 33.204 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133210 V 16.4.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – IP network layer security (3GPP TS 33.210 version 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 133216 V 16.4.0	LTE – Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class (3GPP TS 33.216 version 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 133220 V 16.1.0	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 16.1.0 Release 16)	33.070.50	2020-08
ETSI TS 133221 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Support for subscriber certificates (3GPP TS 33.221 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133222 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133223 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) Push function (3GPP TS 33.223 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133224 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Generic Authentication Architecture (GAA) – Generic Bootstrapping Architecture (GBA) push layer (3GPP TS 33.224 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 133234 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G security – Wireless Local Area Network (WLAN) interworking security (3GPP TS 33.234 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133246 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Security of Multimedia Broadcast/Multicast Service (MBMS) (3GPP TS 33.246 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133250 V 16.0.0	LTE – Security assurance specification for the PGW network product class (3GPP TS 33.250 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133259 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Key establishment between a UICC hosting device and a remote device (3GPP TS 33.259 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133303 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Proximity-based Services (ProSe) – Security aspects (3GPP TS 33.303 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133310 V 16.4.0	Universal Mobile Telecommunications System (UMTS) – LTE – 5G – Network Domain Security (NDS) – Authentication Framework (AF) (3GPP TS 33.310 version 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 133320 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Security of Home Node B (HNB) / Home evolved Node B (HeNB) (3GPP TS 33.320 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133328 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – IP Multimedia Subsystem (IMS) media plane security (3GPP TS 33.328 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133401 V 16.3.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security architecture (3GPP TS 33.401 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 133402 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3GPP System Architecture Evolution (SAE) – Security aspects of non-3GPP accesses (3GPP TS 33.402 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 133501 V 15.9.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.9.0 Release 15)	33.070.50	2020-08
ETSI TS 133501 V 16.3.0	5G – Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 133511 V 16.4.0	5G – Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 16.4.0 Release 16)	33.070.50	2020-08
ETSI TS 133512 V 16.3.0	5G – 5G Security Assurance Specification (SCAS) – Access and Mobility management Function (AMF) (3GPP TS 33.512 version 16.3.0 Release 16)	33.070.50	2020-08
ETSI TS 133514 V 16.2.0	5G – 5G Security Assurance Specification (SCAS) for the Unified Data Management (UDM) network product class (3GPP TS 33.514 version 16.2.0 Release 16)	33.070.50	2020-08
ETSI TS 133515 V 16.2.0	5G – 5G Security Assurance Specification (SCAS) for the Session Management Function (SMF) network product class (3GPP TS 33.515 version 16.2.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 133518 V 16.2.0	5G – 5G Security Assurance Specification (SCAS) for the Network Repository Function (NRF) network product class (3GPP TS 33.518 version 16.2.0 Release 16)	33.070.50	2020-08
ETSI TR 133905 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Recommendations for Trusted Open Platforms (3GPP TR 33.905 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 133916 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Security Assurance Methodology (SCAS) for 3GPP network products (3GPP TR 33.916 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 133919 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Generic Authentication Architecture (GAA) – System description (3GPP TR 33.919 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 133924 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Identity management and 3GPP security interworking – Identity management and Generic Authentication Architecture (GAA) interworking (3GPP TR 33.924 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 133937 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study of mechanisms for Protection against Unsolicited Communication for IMS (PUCI) (3GPP TR 33.937 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 133969 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Study on security aspects of Public Warning System (PWS) (3GPP TR 33.969 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 133980 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Liberty Alliance and 3GPP security interworking – Interworking of Liberty Alliance Identity Federation Framework (ID-FF), Identity Web Services Framework (ID-WSF) and Generic Authentication Architecture (GAA) (3GPP TR 33.980 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 133995 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Study on security aspects of integration of Single Sign-On (SSO) frameworks with 3GPP operator-controlled resources and mechanisms (3GPP TR 33.995 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 134124 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 134229-5 V 15.0.0	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 15.0.0 Release 15)	33.070.50	2020-08
ETSI TR 134926 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Electromagnetic compatibility (EMC) – Table of international requirements for mobile terminals and ancillary equipment (3GPP TR 34.926 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 135201 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 1: f8 and f9 specification (3GPP TS 35.201 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135202 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 2: Kasumi specification (3GPP TS 35.202 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135203 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 3: Implementors' test data (3GPP TS 35.203 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135204 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the 3GPP confidentiality and integrity algorithms – Document 4: Design conformance test data (3GPP TS 35.204 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135205 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1', f2, f3, f4, f5 and f5'; – Document 1: General (3GPP TS 35.205 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135206 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1', f2, f3, f4, f5 and f5'; – Document 2: Algorithm specification (3GPP TS 35.206 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135207 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1', f2, f3, f4, f5 and f5'; – Document 3: Implementors' test data (3GPP TS 35.207 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135208 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: An example algorithm set for the 3GPP authentication and key generation functions f1, f1', f2, f3, f4, f5 and f5'; – Document 4: Design conformance test data (3GPP TS 35.208 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135215 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 1: UEA2 and UIA2 specifications (3GPP TS 35.215 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135216 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 2: SNOW 3G specification (3GPP TS 35.216 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135217 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 3: Implementors' test data (3GPP TS 35.217 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 135218 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 4: Design conformance test data (3GPP TS 35.218 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135221 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 1: EEA3 and EIA3 specifications (3GPP TS 35.221 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135222 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 2: ZUC specification (3GPP TS 35.222 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135223 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 3: Implementers' test data (3GPP TS 35.223 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135231 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 1: Algorithm specification (3GPP TS 35.231 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135232 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 2: Implementers' test data (3GPP TS 35.232 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 135233 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 3: Design conformance test data (3GPP TS 35.233 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 135909 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – 3G Security – Specification of the MILENAGE algorithm set: an example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 5: Summary and results of design and evaluation (3GPP TR 35.909 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 135919 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms UEA2 & UIA2 – Document 5: Design and evaluation report (3GPP TR 35.919 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 135924 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the 3GPP Confidentiality and Integrity Algorithms EEA3 & EIA3 – Document 4: Design and Evaluation Report (3GPP TR 35.924 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 135934 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 4: Report on the design and evaluation (3GPP TR 35.934 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TR 135935 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 5: Performance evaluation (3GPP TR 35.935 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 135936 V 16.0.0	Universal Mobile Telecommunications System (UMTS) – LTE – Specification of the TUAK algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions f1, f1; , f2, f3, f4, f5 and f5; – Document 6: Security assessment (3GPP TR 35.936 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 136101 V 12.25.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.25.0 Release 12)	33.070.50; 33.070.99	2020-08
ETSI TS 136101 V 14.15.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.15.0 Release 14)	33.070.50; 33.070.99	2020-08
ETSI TS 136101 V 15.11.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.11.0 Release 15)	33.070.50; 33.070.99	2020-08
ETSI TS 136101 V 16.6.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.6.0 Release 16)	33.070.50; 33.070.99	2020-08
ETSI TS 136133 V 13.19.0	LTE – Evolved Universal Terrestrial Radio Access (E-UTRA) – Requirements for support of radio resource management (3GPP TS 36.133 version 13.19.0 Release 13)	33.070.50; 33.070.99	2020-08
ETSI TS 138133 V 16.4.0	5G – NR – Requirements for support of radio resource management (3GPP TS 38.133 version 16.4.0 Release 16)	33.070.99	2020-08
ETSI TR 141031 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Fraud Information Gathering System (FIGS) – Service requirements – Stage 0 (3GPP TR 41.031 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 141101 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Technical Specifications and Technical Reports for a GERAN-based 3GPP system (3GPP TS 41.101 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 143010 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM Public Land Mobile Network (PLMN) connection types (3GPP TS 43.010 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 143020 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Security related network functions (3GPP TS 43.020 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 143045 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Technical realization of facsimile group 3 transparent (3GPP TS 43.045 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 143068 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Group Call Service (VGCS) – Stage 2 (3GPP TS 43.068 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 143069 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Voice Broadcast Service (VBS) – Stage 2 (3GPP TS 43.069 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144001 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station – Base Station System (MS – BSS) interface – General aspects and principles (3GPP TS 44.001 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144013 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Performance requirements on the mobile radio interface (3GPP TS 44.013 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 144021 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Rate adaption on the Mobile Station – Base Station System (MS – BSS) interface (3GPP TS 44.021 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144056 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM Cordless Telephony System (CTS), Phase 1 – CTS radio interface layer 3 specification (3GPP TS 44.056 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144057 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – GSM Cordless Telephony System (CTS), Phase 1 – CTS supervising system layer 3 specification (3GPP TS 44.057 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144064 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station – Serving GPRS Support Node (MS-SGSN) – Logical Link Control (LLC) Layer Specification (3GPP TS 44.064 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144065 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Mobile Station (MS) – Serving GPRS Support Node (SGSN) – Subnetwork Dependent Convergence Protocol (SNDCP) (3GPP TS 44.065 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144068 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Group Call Control (GCC) protocol (3GPP TS 44.068 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 144069 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Broadcast Call Control (BCC) protocol (3GPP TS 44.069 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 148020 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Rate adaption on the Base Station System – Mobile-services Switching Centre (BSS – MSC) interface (3GPP TS 48.020 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 149008 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Application of the Base Station System Application Part (BSSAP) on the E interface (3GPP TS 49.008 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 151013 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Test specification for Subscriber Identity Module (SIM) Application Programming Interface (API) for Java Card (3GPP TS 51.013 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 152008 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Telecommunication management – GSM subscriber and equipment trace (3GPP TS 52.008 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 152402 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Telecommunication management – Performance Management (PM) – Performance measurements – GSM (3GPP TS 52.402 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155205 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the GSM-MILENAGE algorithms: An example algorithm set for the GSM Authentication and Key Generation Functions A3 and A8 (3GPP TS 55.205 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155216 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 1: A5/3 and GEA3 specifications (3GPP TS 55.216 version 16.0.0 Release 16)	33.070.50	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ETSI TS 155217 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 2: Implementors' test data (3GPP TS 55.217 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155218 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 3: Design conformance test data (3GPP TS 55.218 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155226 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – 3G Security – Specification of the A5/4 Encryption Algorithms for GSM and ECSD, and the GEA4 Encryption Algorithm for GPRS (3GPP TS 55.226 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155236 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of A8 V MILENAGE Algorithm: An example algorithm for the key generation function A8 V (3GPP TS 55.236 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155241 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the GIA4 integrity algorithm for General Packet Radio Service (GPRS) – GIA4 specification (3GPP TS 55.241 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155242 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the GIA4 integrity algorithm for General Packet Radio Service (GPRS) – Implementers' test data (3GPP TS 55.242 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155243 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the GIA4 integrity algorithm for General Packet Radio Service (GPRS) – Design conformance test data (3GPP TS 55.243 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155251 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the GEA5 and GIA5 encryption algorithms for General Packet Radio Service (GPRS) – GEA5 and GIA5 algorithm specification (3GPP TS 55.251 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155252 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the GEA5 encryption and GIA5 integrity algorithms for General Packet Radio Service (GPRS) – Implementers' test data (3GPP TS 55.252 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TS 155253 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – Specification of the GEA5 encryption and GIA5 integrity algorithms for General Packet Radio Service (GPRS) – Design conformance test data (3GPP TS 55.253 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI TR 155919 V 16.0.0	Digital cellular telecommunications system (Phase 2+) (GSM) – 3G Security – Specification of the A5/3 encryption algorithms for GSM and ECSD, and the GEA3 encryption algorithm for GPRS – Document 4: Design and evaluation report (3GPP TR 55.919 version 16.0.0 Release 16)	33.070.50	2020-08
ETSI ES 203119-1 V 1.5.1	Methods for Testing and Specification (MTS) – The Test Description Language (TDL) – Part 1: Abstract Syntax and Associated Semantics	35.080	2020-08
ETSI ES 203119-2 V 1.4.1	Methods for Testing and Specification (MTS) – The Test Description Language (TDL) – Part 2: Graphical Syntax	35.080	2020-08

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ETSI ES 203119-3 V 1.4.1	Methods for Testing and Specification (MTS) – The Test Description Language (TDL) – Part 3: Exchange Format	35.080	2020-08
ETSI ES 203119-4 V 1.4.1	Methods for Testing and Specification (MTS) – The Test Description Language (TDL) – Part 4: Structured Test Objective Specification (Extension)	35.080	2020-08
ETSI ES 203119-6 V 1.2.1	Methods for Testing and Specification (MTS) – The Test Description Language (TDL) – Part 6: Mapping to TTCN-3	35.080	2020-08
ETSI ES 203119-7 V 1.2.1	Methods for Testing and Specification (MTS) – The Test Description Language (TDL) – Part 7: Extended Test Configurations	35.080	2020-08
ETSI GS CIM 009 V 1.3.1	Context Information Management (CIM) – NGSI-LD API	35.240.01	2020-08
ETSI GR NFV-EVE 017 V 1.1.1	Network Functions Virtualisation (NFV) – Management and Orchestration – Report on the support of real-time/ultra-low latency aspects in NFV related to service and network handling	35.110	2020-08
ETSI GS NFV-IFA 033 V 4.1.1	Network Functions Virtualisation (NFV) Release 4 – Management and Orchestration – Sc-Or, Sc-Vnfm, Sc-Vi reference points – Interface and Information Model Specification	35.110	2020-08
ETSI GS NFV-SOL 002 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – RESTful protocols specification for the Ve-Vnfm Reference Point	33.040.40; 35.110	2020-08
ETSI GS NFV-SOL 002 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – RESTful protocols specification for the Ve-Vnfm Reference Point	33.040.40; 35.110	2020-08
ETSI GS NFV-SOL 003 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – RESTful protocols specification for the Or-Vnfm Reference Point	33.040.40; 35.110	2020-08
ETSI GS NFV-SOL 003 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – RESTful protocols specification for the Or-Vnfm Reference Point	33.040.40; 35.110	2020-08
ETSI GS NFV-SOL 004 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – VNF Package and PNFD Archive specification	33.040.40; 35.110	2020-08
ETSI GS NFV-SOL 004 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – VNF Package and PNFD Archive specification	33.040.40; 35.110	2020-08
ETSI GS NFV-SOL 006 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – NFV Descriptors based on YANG Specification	35.110	2020-08
ETSI GS NFV-SOL 006 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – NFV descriptors based on YANG Specification	35.110	2020-08
ETSI GS NFV-SOL 007 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – Network Service Descriptor File Structure Specification	35.110	2020-08
ETSI GS NFV-SOL 007 V 3.3.1	Network Functions Virtualisation (NFV) Release 3 – Protocols and Data Models – Network Service Descriptor File Structure Specification	35.110	2020-08
ETSI GS NFV-SOL 014 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – YAML data model specification for descriptor-based virtualised resource management	35.110	2020-08

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ETSI GS NFV-SOL016 V 2.8.1	Network Functions Virtualisation (NFV) Release 2 – Protocols and Data Models – NFV-MANO procedures specification	35.110	2020-08
ETSI GS QKD 004 V 2.1.1	Quantum Key Distribution (QKD) – Application Interface	35.240.15	2020-08
EN 302208 V 3.3.1	Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W and in the band 915 MHz to 921 MHz with power levels up to 4 W – Harmonised Standard for access to radio spectrum	33.060.20	2020-08
EN 302307-2 V 1.2.1	Digital Video Broadcasting (DVB) – Second generation framing structure, channel coding and modulation systems for Broadcasting, Interactive Services, News Gathering and other broadband satellite applications – Part 2: DVB-S2 Extensions (DVB-S2X)	33.170	2020-08

Međunarodna normizacija (ISO)

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 105-X19	Textiles – Tests for colour fastness – Part X19: Colour fastness to rubbing (Gakushin test method)	59.080.01	2020-08
ISO 334	Coal and coke – Determination of total sulfur – Eschka method	73.040; 75.160.10	2020-08
ISO 587	Coal and coke – Determination of chlorine using Eschka mixture	75.160.10	2020-08
ISO 898-3 AMD 1	Mechanical properties of fasteners made of carbon steel and alloy steel – Part 3: Flat washers with specified property classes; Amendment 1	21.060.20	2020-08
ISO 1409	Plastics/rubber – Polymer dispersions and rubber latices (natural and synthetic) – Determination of surface tension	83.040.10; 83.080.01	2020-08
ISO 2409	Paints and varnishes – Cross-cut test	87.040	2020-08
ISO 2560	Welding consumables – Covered electrodes for manual metal arc welding of non-alloy and fine grain steels – Classification	25.160.20	2020-08
ISO 3166-1	Codes for the representation of names of countries and their subdivisions – Part 1: Country code	01.140.30	2020-08
ISO 3166-2	Codes for the representation of names of countries and their subdivisions – Part 2: Country subdivision code	01.140.30	2020-08
ISO 3166-3	Codes for the representation of names of countries and their subdivisions – Part 3: Code for formerly used names of countries	01.140.30	2020-08
ISO 3303-2	Rubber- or plastics-coated fabrics – Determination of bursting strength – Part 2: Hydraulic method	59.080.40	2020-08
ISO 3630-5	Dentistry – Endodontic instruments – Part 5: Shaping and cleaning instruments	11.060.20	2020-08
ISO 3877-4 AMD 1	Tyres, valves and tubes – List of equivalent terms – Part 4: Solid tyres; Amendment 1	01.040.83; 83.160.01	2020-08
ISO 4097	Rubber, ethylene-propylene-diene (EPDM) – Evaluation procedure	83.060	2020-08
ISO 4658	Acrylonitrile-butadiene rubber (NBR) – Evaluation procedure	83.060	2020-08
ISO 4659	Styrene-butadiene rubber (carbon black or carbon black and oil masterbatches) – Evaluation procedure	83.060	2020-08
ISO 5135	Acoustics – Determination of sound power levels of noise from air-terminal devices, air-terminal units, dampers and valves by measurement in a reverberation test room	17.140.20	2020-08
ISO 5167-3	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full – Part 3: Nozzles and Venturi nozzles	17.120.10	2020-08
ISO 6707-1	Buildings and civil engineering works – Vocabulary – Part 1: General terms	01.040.91; 01.040.93; 91.010.01; 93.010	2020-08
ISO 7211-5	Textiles – Methods for analysis of woven fabrics construction – Part 5: Determination of linear density of yarn removed from fabric	59.080.30	2020-08
ISO 7331	Ski-poles for alpine and touring skiing – Requirements and test methods	97.220.20	2020-08
ISO 7376	Anaesthetic and respiratory equipment – Laryngoscopes for tracheal intubation	11.040.10	2020-08
ISO 8066-3	Rubber and plastics hoses and hose assemblies for automotive air conditioning – Specification – Part 3: Refrigerant 1234yf	43.040.60; 83.140.40	2020-08

Oznaka norme	Naslov norme	ICS	Datum objave
ISO 8502-9	Preparation of steel substrates before application of paints and related products – Tests for the assessment of surface cleanliness – Part 9: Field method for the conductometric determination of water-soluble salts	25.220.10	2020-08
ISO 8690	Measurement of radioactivity – Gamma ray and beta emitting radionuclides – Test method to assess the ease of decontamination of surface materials	13.280	2020-08
ISO 8779	Plastics piping systems – Polyethylene (PE) pipes for irrigation – Specifications	23.040.20; 65.060.35	2020-08
ISO/TR 9241-514	Ergonomics of human-system interaction – Part 514: Guidance for the application of anthropometric data in the ISO 9241-500 series	13.180	2020-08
ISO/TR 9241-810	Ergonomics of human-system interaction – Part 810: Robotic, intelligent and autonomous systems	13.180	2020-08
ISO 10271	Dentistry – Corrosion test methods for metallic materials	11.060.10	2020-08
ISO 10275	Metallic materials – Sheet and strip – Determination of tensile strain hardening exponent	77.040.10	2020-08
ISO 10352	Fibre-reinforced plastics – Moulding compounds and prepregs – Determination of mass per unit area and fibre mass per unit area	83.120	2020-08
ISO 10434	Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries	75.180.20	2020-08
ISO 10802	Ductile iron pipelines – Hydrostatic testing after installation	23.040.01	2020-08
ISO 10848-5	Acoustics – Laboratory and field measurement of the flanking transmission for airborne, impact and building service equipment sound between adjoining rooms – Part 5: Radiation efficiencies of building elements	91.120.20	2020-08
ISO 10934	Microscopes – Vocabulary for light microscopy	01.040.37; 37.020	2020-08
ISO 11102-1	Reciprocating internal combustion engines – Handle starting equipment – Part 1: Safety requirements and tests	27.020	2020-08
ISO 11193-1	Single-use medical examination gloves – Part 1: Specification for gloves made from rubber latex or rubber solution	11.140; 83.140.99	2020-08
ISO 11202 AMD 1	Acoustics – Noise emitted by machinery and equipment – Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections; Amendment 1	17.140.20	2020-08
ISO 11336-2	Large yachts – Strength, weathertightness and watertightness of glazed openings – Part 2: Glazed opening integrated into adjacent structure (elastically bonded to bulkhead or shell) design criteria, structural support, installation and testing	47.040	2020-08
ISO 11463	Corrosion of metals and alloys – Guidelines for the evaluation of pitting corrosion	77.060	2020-08
ISO 13088 AMD 1	Gas cylinders – Acetylene cylinder bundles – Filling conditions and filling inspection; Amendment 1	23.020.35	2020-08
ISO 13166	Water quality – Uranium isotopes – Test method using alpha-spectrometry	13.060.60; 13.280	2020-08
ISO 13713	Ships and marine technology – Ship's mooring and towing fittings – Mooring chocks	47.020.50	2020-08
ISO 13728	Ships and marine technology – Ship's mooring and towing fittings – Panama chocks	47.020.50	2020-08
ISO 13729	Ships and marine technology – Ship's mooring and towing fittings – Closed chocks	47.020.50	2020-08
ISO 13733	Ships and marine technology – Ship's mooring and towing fittings – Universal fairleads with upper roller	47.020.50	2020-08

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ISO 13742	Ships and marine technology – Ship's mooring and towing fittings – Universal fairleads without upper roller	47.020.50	2020-08
ISO 13755	Ships and marine technology – Ship's mooring and towing fittings – Steel rollers	47.020.50	2020-08
ISO 13767	Ships and marine technology – Ship's mooring and towing fittings – Shipside roller fairleads	47.020.50	2020-08
ISO 13776	Ships and marine technology – Ship's mooring and towing fittings – Pedestal fairleads	47.020.50	2020-08
ISO 13795	Ships and marine technology – Ship's mooring and towing fittings – Welded steel bollards for sea-going vessels	47.020.50; 47.040	2020-08
ISO 13797	Ships and marine technology – Ship's mooring and towing fittings – Cruciform bollards	47.020.50	2020-08
ISO 13798	Ships and marine technology – Ship's mooring and towing fittings – Recessed bitts (steel plate type)	47.020.50	2020-08
ISO 13799	Ships and marine technology – Ship's mooring and towing fittings – Recessed bitts (casting type)	47.020.50	2020-08
ISO 14341	Welding consumables – Wire electrodes and weld deposits for gas shielded metal arc welding of non alloy and fine grain steels – Classification	25.160.20	2020-08
ISO 14368-4	Mineral and sapphire watch-glasses – Part 4: Anti-reflective treatment	39.040.10	2020-08
ISO 15007	Road vehicles – Measurement and analysis of driver visual behaviour with respect to transport information and control systems	13.180; 43.040.15	2020-08
ISO 15500-3	Road vehicles – Compressed natural gas (CNG) fuel system components – Part 3: Check valve	43.060.40	2020-08
ISO 15500-6	Road vehicles – Compressed natural gas (CNG) fuel system components – Part 6: Automatic valve	43.060.40	2020-08
ISO 15500-9	Road vehicles – Compressed natural gas (CNG) fuel system components – Part 9: Pressure regulator	43.060.40	2020-08
ISO 15500-16	Road vehicles – Compressed natural gas (CNG) fuel system components – Part 16: Rigid fuel line in stainless steel	43.060.40	2020-08
ISO 15500-18	Road vehicles – Compressed natural gas (CNG) fuel system components – Part 18: Filter	43.060.40	2020-08
ISO 15500-19	Road vehicles – Compressed natural gas (CNG) fuel system components – Part 19: Fittings	43.060.40	2020-08
ISO 15638-9	Intelligent transport systems – Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) – Part 9: Remote digital tachograph monitoring	03.220.20; 35.240.60	2020-08
ISO 15761	Steel gate, globe and check valves for sizes DN 100 and smaller, for the petroleum and natural gas industries	75.180.20	2020-08
ISO 15792-1	Welding consumables – Test methods – Part 1: Preparation of all-weld metal test pieces and specimens in steel, nickel and nickel alloys	25.160.20	2020-08
ISO 15792-2	Welding consumables – Test methods – Part 2: Preparation of single-run and two-run technique test pieces and specimens in steel	25.160.20	2020-08
ISO 16073-9	Wildland firefighting personal protective equipment – Requirements and test methods – Part 9: Firehoods	13.220.10; 13.340.20	2020-08
ISO 16413	Evaluation of thickness, density and interface width of thin films by X-ray reflectometry – Instrumental requirements, alignment and positioning, data collection, data analysis and reporting	35.240.70; 71.040.40	2020-08

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ISO 16486-1	Plastics piping systems for the supply of gaseous fuels – Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing – Part 1: General	75.200; 83.140.30	2020-08
ISO 16573-1	Steel – Measurement method for the evaluation of hydrogen embrittlement resistance of high strength steels – Part 1: Constant load test	77.040.99	2020-08
ISO 17247	Coal and coke – Ultimate analysis	73.040	2020-08
ISO 17442-1	Financial services – Legal entity identifier (LEI) – Part 1: Assignment	03.060	2020-08
ISO 17442-2	Financial services – Legal entity identifier (LEI) – Part 2: Application in digital certificates	03.060	2020-08
ISO 17515-2	Intelligent transport systems – Evolved universal terrestrial radio access network (E-UTRAN) – Part 2: Device to device communications (D2D)	03.220.20; 35.240.60	2020-08
ISO 17567	Agricultural and forestry tractors and implements – Hydraulic power beyond	65.060.10	2020-08
ISO/TS 17755-2	Fire safety – Statistical data collection – Part 2: Vocabulary	01.040.13; 13.220.20	2020-08
ISO 18314-4	Analytical colorimetry – Part 4: Metamerism index for pairs of samples for change of illuminant	87.060.10	2020-08
ISO 18936	Imaging materials – Processed colour photographs – Methods for measuring thermal stability	37.040.20	2020-08
ISO 19018	Ships and marine technology – Terms, abbreviations, graphical symbols and concepts on navigation	01.040.47; 01.080.30; 47.020.01	2020-08
ISO 19063-2	Plastics – Impact-resistant polystyrene (PS-I) moulding and extrusion materials – Part 2: Preparation of test specimens and determination of properties	83.080.20	2020-08
ISO 19299	Electronic fee collection – Security framework	03.220.20; 35.240.60	2020-08
ISO 20127	Dentistry – Physical properties of powered toothbrushes	97.170	2020-08
ISO/TS 20559	Graphical symbols – Safety colours and safety signs – Guidance for the development and use of a safety signing system	01.080.01	2020-08
ISO/TR 20791-1	Photography – Photographic reflection prints – Part 1: Evaluation methods of image quality	37.040.20	2020-08
ISO 20957-2	Stationary training equipment – Part 2: Strength training equipment, additional specific safety requirements and test methods	97.220.30	2020-08
ISO 20980	Artichokes – Specification and test methods	67.080.20	2020-08
ISO 20981	Asparagus – Specification and test methods	67.080.20	2020-08
ISO 21102	Adventure tourism – Leaders – Personnel competence	03.080.30; 03.200.10	2020-08
ISO 21474-1	In vitro diagnostic medical devices – Multiplex molecular testing for nucleic acids – Part 1: Terminology and general requirements for nucleic acid quality evaluation	11.100.10	2020-08
ISO/TS 21560	General requirements of tissue-engineered medical products	11.040.40	2020-08
ISO 21780	Road vehicles – Supply voltage of 48 V – Electrical requirements and tests	43.040.10	2020-08
ISO 21793	Water quality – Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total bound nitrogen (TNb), dissolved bound nitrogen (DNb), total bound phosphorus (TPb) and dissolved bound phosphorus (DPb) after wet chemical catalysed ozone hydroxyl radical oxidation (COHR)	13.060.50	2020-08
ISO 21851	Marine technology – Ocean observation systems – Design criteria of ocean hydro-meteorological observation systems reuse and interaction	47.020.99	2020-08

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ISO 22017	Water quality – Guidance for rapid radioactivity measurements in nuclear or radiological emergency situation	13.060.60; 13.280; 17.240	2020-08
ISO 22074-1	Railway infrastructure – Rail fastening systems – Part 1: Vocabulary	01.040.45; 45.080	2020-08
ISO 22172-1	Agricultural vehicles – Standardized access to repair and maintenance information (RMI) – Part 1: User interface requirements for web-based information systems	65.060.01	2020-08
ISO 22213	Traditional Chinese medicine – Glass cupping device	11.040.60	2020-08
ISO 22278	Fine ceramics (advanced ceramics, advanced technical ceramics) – Test method for crystalline quality of single-crystal thin film (wafer) using XRD method with parallel X-ray beam	81.060.30	2020-08
ISO 22283	Traditional Chinese medicine – Determination of aflatoxins in natural products by LC-FLD	11.120.10	2020-08
ISO 22471	Permissible mechanical connection combinations between towed and towing agricultural vehicles	65.060.10	2020-08
ISO 22502	Simplified design of connections of concrete claddings to concrete structures	91.080.40	2020-08
ISO 22526-3	Plastics – Carbon and environmental footprint of biobased plastics – Part 3: Process carbon footprint, requirements and guidelines for quantification	13.020.40; 83.080.01	2020-08
ISO 22605	Refractories – Determination of dynamic Young's modulus (MOE) at elevated temperatures by impulse excitation of vibration	81.080	2020-08
ISO 22744-2	Textiles and textile products – Determination of organotin compounds – Part 2: Direct method using liquid chromatography	59.080.01	2020-08
ISO 22751	Rubber- or plastic-coated fabrics – Physical and mechanical test – Determination of bending force	59.080.40	2020-08
ISO 22843	Rubber bands – General requirements and test methods	83.140.99	2020-08
ISO/TR 22845	Resilience of buildings and civil engineering works	91.010.01; 93.010	2020-08
ISO 22858	Corrosion of metals and alloys – Electrochemical measurements – Test method for monitoring atmospheric corrosion	77.060	2020-08
ISO 22886	Healthcare organization management – Vocabulary	01.040.11; 11.020.01	2020-08
ISO 22910	Corrosion of metals and alloys – Measurement of the electrochemical critical localized corrosion temperature (E-CLCT) for Ti alloys fabricated via the additive manufacturing method	77.060	2020-08
ISO/TR 23015	Fine bubble technology – Measurement technique matrix for the characterization of fine bubbles	07.030	2020-08
ISO/TS 23031	Graphic technology – Assessment and validation of the performance of spectrophotometers and spectrodensitometers	37.100.01	2020-08
ISO 23113	Ships and marine technology – Ship's mooring and towing fittings – Seats for closed chocks	47.020.50	2020-08
ISO 23115	Ships and marine technology – Ship's mooring and towing fittings – Seats for mooring chocks	47.020.50	2020-08
ISO 23116	Ships and marine technology – Ship's mooring and towing fittings – Seats for Panama chocks	47.020.50	2020-08
ISO 23193	Traditional Chinese medicine – Lycium barbarum and Lycium chinense fruit	11.120.10	2020-08
ISO/TR 23276	Geometrical product specifications (GPS) – Surface texture: Profile method – Flowchart for PSm, RSm, WSm and Pc, Rc, Wc	17.040.40	2020-08

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ISO 23404	Information and documentation – Papers and boards used for conservation – Measurement of impact of volatiles on cellulose in paper	01.140.20; 85.060	2020-08
ISO/TR 23437	Solid biofuels – Bridging behaviour of bulk biofuels	27.190; 75.160.40	2020-08
ISO 23706	Plastics – Determination of apparent activation energies of property changes in standard weathering test methods	83.080.01	2020-08
ISO 23897	Financial services – Unique transaction identifier (UTI)	03.060	2020-08
ISO/TS 23973	Liquid chromatography at critical conditions (LCCC) – Chemical heterogeneity of polyethylene oxides	71.040.50	2020-08
ISO 24022-1	Plastics – Polystyrene (PS) moulding and extrusion materials – Part 1: Designation system and basis for specifications	83.080.20	2020-08
ISO 24410	Earth-moving machinery – Coupling of attachments to skid steer loaders	53.100	2020-08
ISO 31800	Faecal sludge treatment units – Energy independent, prefabricated, community-scale, resource recovery units – Safety and performance requirements	13.030.20	2020-08
ISO/TR 37171	Report of pilot testing on the application of ISO smart community infrastructures standards	13.020.20	2020-08
ISO 54321	Soil, treated biowaste, sludge and waste – Digestion of aqua regia soluble fractions of elements	13.030.20; 13.080.10	2020-08

Međunarodna normizacija (IEC)

Oznaka norme	Naslov norme	ICS	Datum objave
CISPR 14-2	Electromagnetic compatibility – Requirements for household appliances, Electric tools and similar apparatus – Part 2: Immunity – Product family standard	33.100.20	2020-08
CISPR 16-1-5 Corrigendum 1	Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-5: Radio disturbance and immunity measuring apparatus – Antenna calibration sites and reference test sites for 5 MHz to 18 GHz; Corrigendum 1	33.100.01	2020-08
CISPR 16-2-1 Corrigendum 1	Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-1: Methods of measurement of disturbances and immunity – Conducted disturbance measurements; Corrigendum 1	33.100.01	2020-08
IEC 60034-18-42 AMD 1	Rotating electrical machines – Part 18-42: Partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters – Qualification tests; Amendment 1	29.080.30; 29.160.01	2020-08
IEC 60034-18-42 Edition 1.1	Rotating electrical machines – Part 18-42: Partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters – Qualification tests	29.080.30; 29.160.01	2020-08
IEC 60404-8-5	Magnetic materials – Part 8-5: Specifications for individual materials – Electrical steel strip and sheet with specified mechanical properties and magnetic polarization	17.220.20; 29.030	2020-08
IEC 60598-1	Luminaires – Part 1: General requirements and tests	29.140.40	2020-08
IEC 60601-1 AMD 2	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance; Amendment 2	11.040.01	2020-08
IEC 60601-1 Edition 3.2	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	11.040.01	2020-08
IEC 60749-20	Semiconductor devices – Mechanical and climatic test methods – Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat	31.080.01	2020-08
IEC 60749-30	Semiconductor devices – Mechanical and climatic test methods – Part 30: Preconditioning of non-hermetic surface mount devices prior to reliability testing	31.080.01	2020-08
IEC 60947-5-8	Low-voltage switchgear and controlgear – Part 5-8: Control circuit devices and switching elements – Three-position enabling switches	29.130.20	2020-08
IEC 61300-2-56	Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-56: Tests – Wind resistance of mounted housing	33.180.20	2020-08
IEC 61850-7-1 AMD 1	Communication networks and systems for power utility automation – Part 7-1: Basic communication structure – Principles and models; Amendment 1	33.040.40; 33.200	2020-08
IEC 61850-7-1 Edition 2.1	Communication networks and systems for power utility automation – Part 7-1: Basic communication structure – Principles and models	33.040.40; 33.200	2020-08
IEC 61968-5	Application integration at electric utilities – System interfaces for distribution management – Part 5: Distributed energy optimization	33.040.20; 33.200; 35.240.99	2020-08
IEC 62149-5	Fibre optic active components and devices – Performance standards – Part 5: ATM-PON transceivers with LD driver and CDR ICs	33.180.20; 33.180.30	2020-08
IEC 62271-104	High-voltage switchgear and controlgear – Part 104: Alternating current switches for rated voltages higher than 52 kV	29.130.10; 29.130.99	2020-08

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IEC 62828-4	Reference conditions and procedures for testing industrial and process measurement transmitters – Part 4: Specific procedures for level transmitters	17.200.20; 17.220.20; 25.040.40	2020-08
IEC 62828-5	Reference conditions and procedures for testing industrial and process measurement transmitters – Part 5: Specific procedures for flow transmitters	17.200.20; 17.220.20; 25.040.40	2020-08
IEC 62868-2-1	Organic light emitting diode (OLED) light sources for general lighting – Safety – Part 2-1: Particular requirements – Semi-integrated OLED modules	29.140.99; 31.260	2020-08
IEC 62868-2-2	Organic light emitting diode (OLED) light sources for general lighting – Safety – Part 2-2: Particular requirements – Integrated OLED modules	29.140.99; 31.260	2020-08
IEC 62899-402-2	Printed electronics – Part 402-2: Printability – Measurement of qualities – Edge waviness	31.180	2020-08
IEC 63041-3	Piezoelectric sensors – Part 3: Physical sensors	31.140	2020-08
IEC/TR 63279	Derisking photovoltaic modules – Sequential and combined accelerated stress testing	27.160	2020-08
ISO/IEC FDGuide 98-6	Uncertainty of measurement – Part 6: Developing and using measurement models	17.020	2020-08
ISO/IEC/IEEE 8802-1AE	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 1AE: Media access control (MAC) security	35.110	2020-08
ISO/IEC/IEEE 8802-1Q	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 1Q: Bridges and bridged networks	35.110	2020-08
ISO/IEC/IEEE 8802-11 AMD 3	Information technology – Telecommunications and information exchange between systems – Local and metropolitan area networks – Specific requirements – Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications – Amendment 3: Enhancements for very high throughput to support Chinese millimeter wave frequency bands (60 GHz and 45 GHz)	35.110	2020-08
ISO/IEC/IEEE 8802-11 AMD 4	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications; Amendment 4: Enhancements for transit links within bridged network	35.110	2020-08
ISO/IEC/IEEE 8802-11 AMD 5	Telecommunications and exchange between information technology systems – Requirements for local and metropolitan area networks – Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications; Amendment 5: Preassociation discovery	35.110	2020-08
ISO/IEC 14443-3 AMD 2	Cards and security devices for personal identification – Contactless proximity objects – Part 3: Initialization and anticollision – Amendment 2: Enhancements for harmonization	35.240.15	2020-08
ISO/IEC 14443-4 AMD 2	Cards and security devices for personal identification – Contactless proximity objects – Part 4: Transmission protocol – Amendment 2: Enhancements for harmonization	35.240.15	2020-08
ISO/IEC 18033-4 AMD 1	Information technology – Security techniques – Encryption algorithms – Part 4: Stream ciphers – Amendment 1: ZUC	35.030	2020-08
ISO/IEC 19757-7	Information technology – Document Schema Definition Languages (DSDL) – Part 7: Character Repertoire Description Language (CREPDL)	35.240.30	2020-08

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ISO/IEC 20000-2 AMD 1	Information technology – Service management – Part 2: Guidance on the application of service management systems; Amendment 1	03.080.99; 35.020	2020-08
ISO/IEC TR 20547-1	Information technology – Big data reference architecture – Part 1: Framework and application process	35.020	2020-08
ISO/IEC 21794-1	Information technology – Plenoptic image coding system (JPEG Pleno) – Part 1: Framework	35.040.30	2020-08
ISO/IEC 21836	Information technology – Data centres – Server energy effectiveness metric	35.020	2020-08
ISO/IEC 23005-1	Information technology – Media context and control – Part 1: Architecture	35.040.40	2020-08
ISO/IEC 23008-2	Information technology – High efficiency coding and media delivery in heterogeneous environments – Part 2: High efficiency video coding	35.040.40	2020-08
ISO/IEC 30145-3	Information technology – Smart City ICT reference framework – Part 3: Smart city engineering framework	13.020.20; 35.240.99	2020-08